

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072721\  
 Data File : VD069864.D  
 Acq On : 27 Jul 2021 14:02  
 Operator : VA/SY  
 Sample : VD0727SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0727SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 7/28/2021 8:56:27 PM

Quant Time: Jul 28 03:58:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 600318              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 1085722             | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 1022489             | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 463720              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326          | 65   | 348433              | 50.467  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 100.940% |         |        |          |
| 35) Dibromofluoromethane     | 7.909          | 113  | 346472              | 50.621  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 101.240% |         |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 1346155             | 51.007  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 102.020% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 462907              | 52.483  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 104.960% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 129464              | 20.489  | ug/l   | 99       |
| 3) Chloromethane             | 2.209          | 50   | 178163              | 19.438  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.344          | 62   | 196653              | 20.398  | ug/l   | 99       |
| 5) Bromomethane              | 2.750          | 94   | 124435              | 20.760  | ug/l   | 97       |
| 6) Chloroethane              | 2.915          | 64   | 121163              | 19.390  | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 231941              | 19.489  | ug/l   | 96       |
| 8) Diethyl Ether             | 3.715          | 74   | 67347               | 20.118  | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 4.085          | 101  | 147125              | 19.465  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.303          | 142  | 121694              | 18.640  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.232          | 59   | 38014               | 106.406 | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 4.056          | 96   | 135316              | 19.701  | ug/l   | 92       |
| 13) Acrolein                 | 3.921          | 56   | 52918               | 105.815 | ug/l   | 98       |
| 14) Allyl chloride           | 4.709          | 41   | 208486              | 20.703  | ug/l   | 97       |
| 15) Acrylonitrile            | 5.420          | 53   | 161778              | 102.732 | ug/l   | 99       |
| 16) Acetone                  | 4.156          | 43   | 119870              | 96.110  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.409          | 76   | 477253              | 19.433  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.720          | 43   | 75771               | 20.938  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 294474              | 20.693  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.962          | 84   | 208470              | 19.183  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 159069              | 19.654  | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.362          | 45   | 465389              | 21.268  | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.303          | 43   | 1078034             | 102.617 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.262          | 63   | 301569              | 19.953  | ug/l   | 99       |
| 25) 2-Butanone               | 7.209          | 43   | 174982              | 103.455 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 230811              | 20.083  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.209          | 96   | 174611              | 20.219  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.544          | 49   | 128841              | 22.452  | ug/l   | 97       |
| 29) Tetrahydrofuran          | 7.562          | 42   | 118055              | 107.885 | ug/l   | 99       |
| 30) Chloroform               | 7.709          | 83   | 297566              | 19.582  | ug/l   | 92       |
| 31) Cyclohexane              | 7.979          | 56   | 267937              | 19.862  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.903          | 97   | 245330              | 19.504  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.109          | 75   | 226302              | 19.315  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291          | 43   | 87947               | 20.619  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.091          | 117  | 207440              | 19.382  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.350          | 83   | 257306              | 19.175  | ug/l   | 97       |
| 40) Benzene                  | 8.350          | 78   | 668514              | 19.694  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072721\  
 Data File : VD069864.D  
 Acq On : 27 Jul 2021 14:02  
 Operator : VA/SY  
 Sample : VD0727SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0727SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 7/28/2021 8:56:27 PM

Quant Time: Jul 28 03:58:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 23 04:51:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 42902    | 19.166  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 176114   | 19.618  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 158099   | 20.666  | ug/l   | 100      |
| 44) Trichloroethene           | 9.108  | 130  | 161338   | 19.300  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 174017   | 19.517  | ug/l   | 98       |
| 46) Dibromomethane            | 9.467  | 93   | 85124    | 19.423  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.661  | 83   | 222559   | 19.545  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.456  | 41   | 69172    | 18.796  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 9.456  | 88   | 18343    | 396.143 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 411411   | 103.347 | ug/l   | 99       |
| 52) Toluene                   | 10.397 | 92   | 417507   | 20.276  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 194856   | 20.387  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 237989   | 20.567  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 120752   | 19.506  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 135399   | 20.208  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 207446   | 19.804  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 323758   | 109.016 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 268915   | 102.126 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.132 | 129  | 139871   | 19.951  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 111494   | 20.004  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 129280   | 19.835  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.667 | 112  | 422141   | 19.927  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 150828   | 19.792  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 743764   | 19.942  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.850 | 106  | 583179   | 40.336  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 257671   | 19.604  | ug/l   | 99       |
| 70) Styrene                   | 12.191 | 104  | 465254   | 20.425  | ug/l   | 99       |
| 71) Bromoform                 | 12.350 | 173  | 74575    | 20.151  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.473 | 105  | 680448   | 20.422  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 147371   | 21.503  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 138597   | 20.829  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 95089m   | 19.292  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 153728   | 20.485  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.814 | 91   | 893740   | 20.885  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 512860   | 20.632  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 590219   | 20.708  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 34468    | 21.215  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 542644   | 20.881  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 473311   | 20.425  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 596855   | 21.227  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 753104   | 20.557  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 605086   | 20.331  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 318806   | 20.235  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 316204   | 20.136  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 590935   | 20.119  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.102 | 117  | 123195   | 19.541  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 275311   | 20.246  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 20058    | 20.934  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 150650   | 20.534  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 89104    | 19.854  | ug/l   | 98       |
| 95) Naphthalene               | 15.391 | 128  | 270007   | 21.032  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 132607   | 20.900  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072721\  
Data File : VD069864.D  
Acq On : 27 Jul 2021 14:02  
Operator : VA/SY  
Sample : VD0727SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

Manual Integrations  
APPROVED

MMDadoda  
7/28/2021 8:56:27 PM

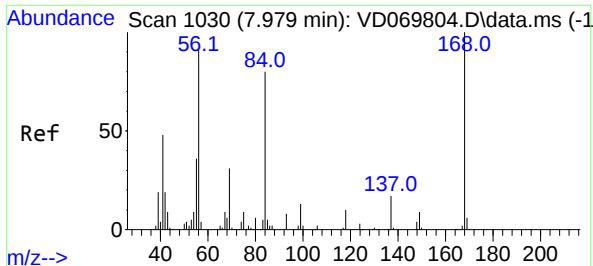
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D072221S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 23 04:51:13 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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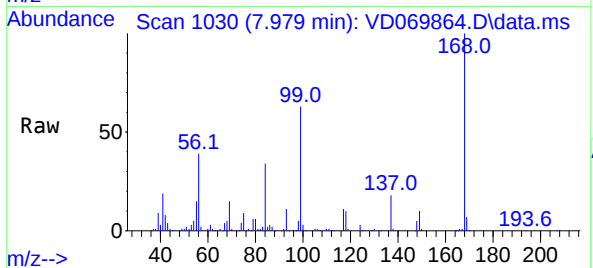
(#) = qualifier out of range (m) = manual integration (+) = signals summed





Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

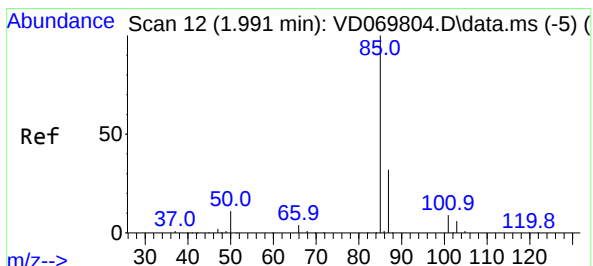
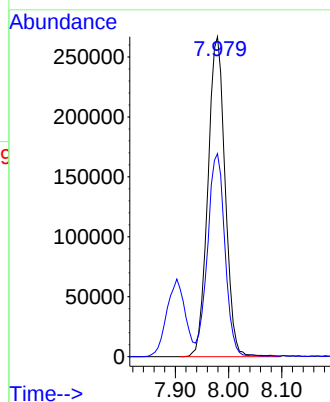
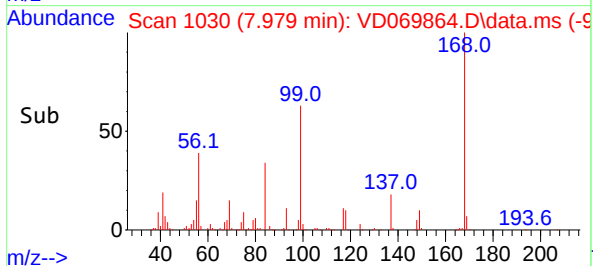
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01



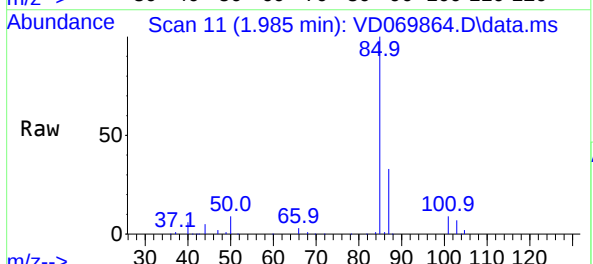
Tgt Ion:168 Resp: 600318  
Ion Ratio Lower Upper  
168 100  
99 63.2 51.1 76.7

Manual Integrations  
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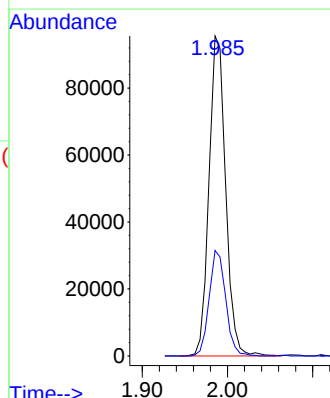
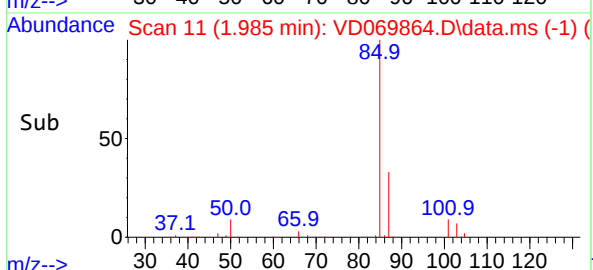
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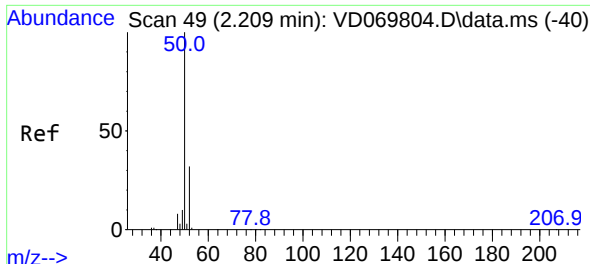


Dichlorodifluoromethane  
Concen: 20.489 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



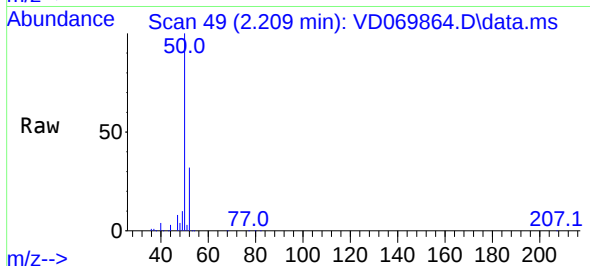
Tgt Ion: 85 Resp: 129464  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.1 48.3





#3  
Chloromethane  
Concen: 19.438 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

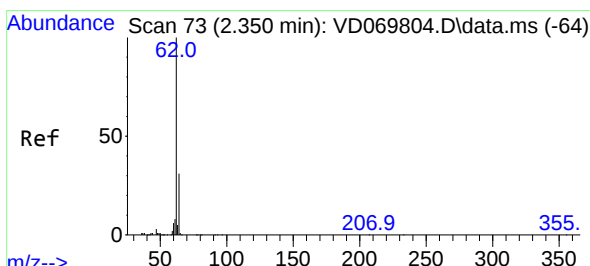
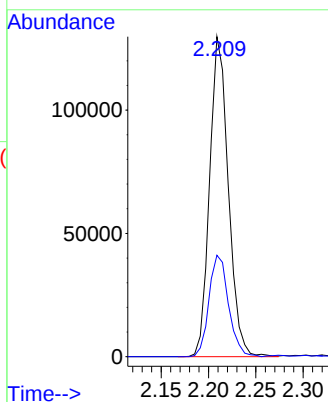
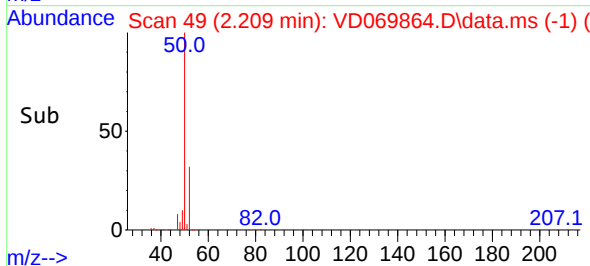
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



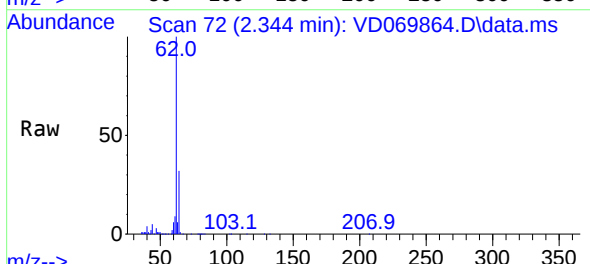
Tgt Ion: 50 Resp: 178163  
Ion Ratio Lower Upper  
50 100  
52 31.7 25.7 38.5

Manual Integrations  
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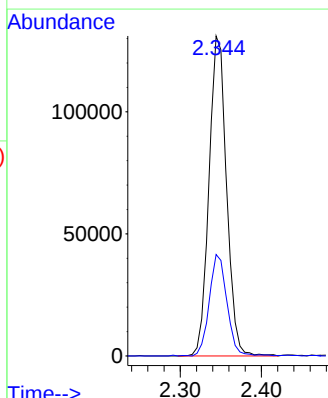
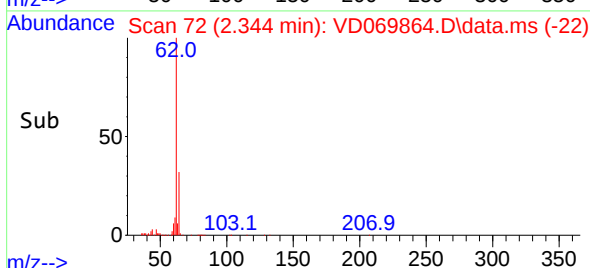
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7/28/2021 8:56:27 PM

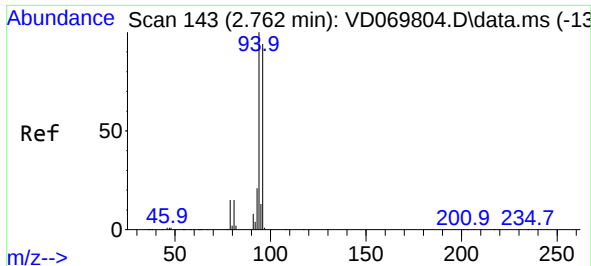


#4  
Vinyl Chloride  
Concen: 20.398 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



Tgt Ion: 62 Resp: 196653  
Ion Ratio Lower Upper  
62 100  
64 31.7 25.0 37.4





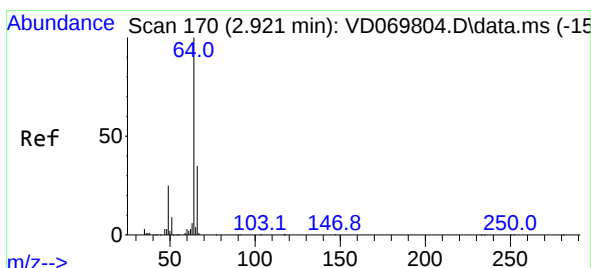
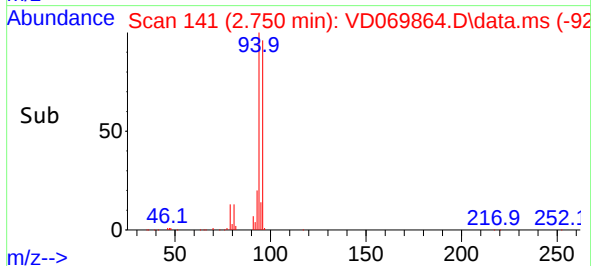
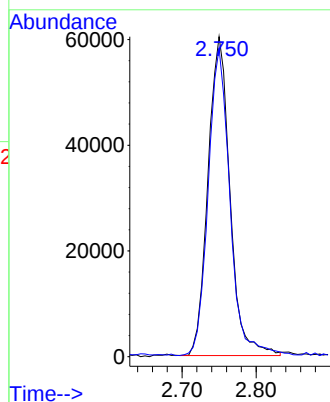
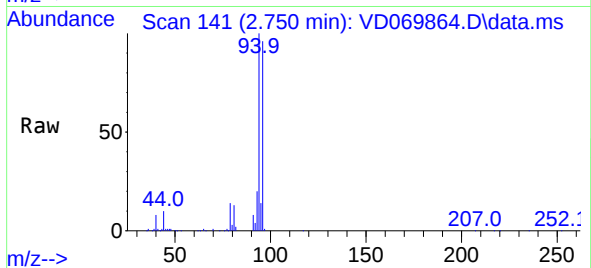
#5  
Bromomethane  
Concen: 20.760 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 94 Resp: 124435  
Ion Ratio Lower Upper  
94 100  
96 96.3 74.8 112.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

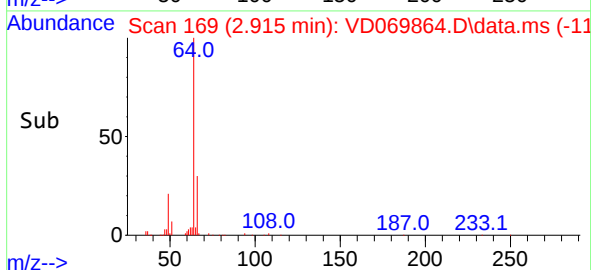
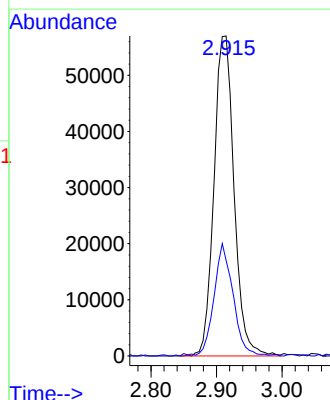
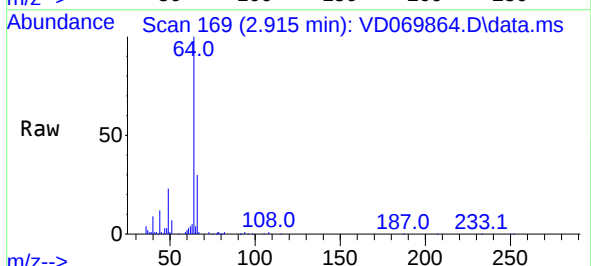
Manual Integrations  
APPROVED

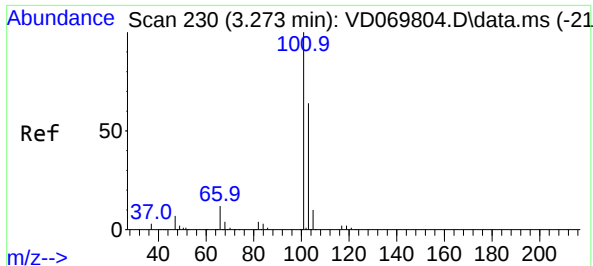
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#6  
Chloroethane  
Concen: 19.390 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 64 Resp: 121163  
Ion Ratio Lower Upper  
64 100  
66 29.8 27.8 41.6





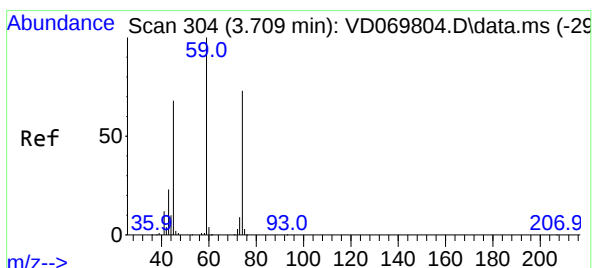
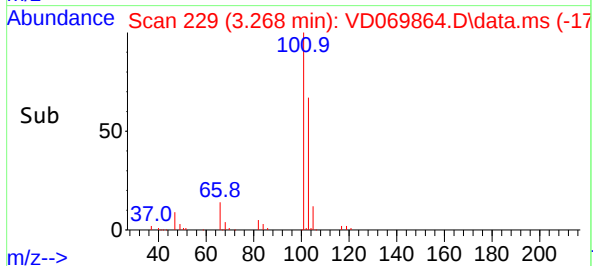
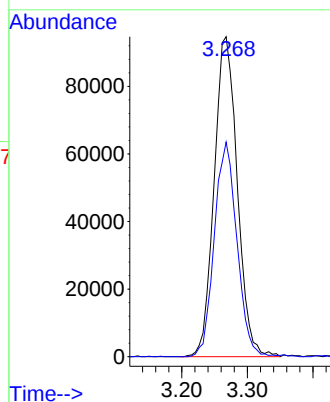
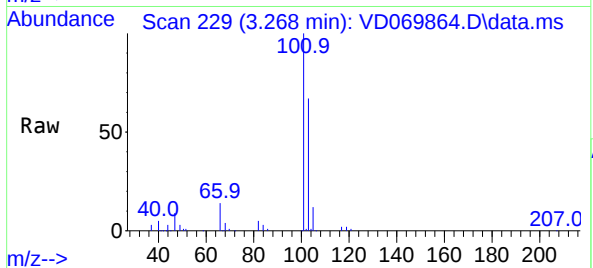
#7  
Trichlorofluoromethane  
Concen: 19.489 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:101 Resp: 231941  
Ion Ratio Lower Upper  
101 100  
103 67.1 51.3 76.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

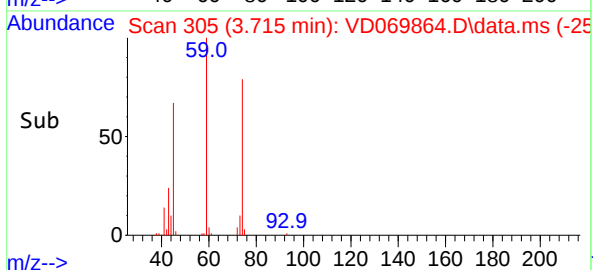
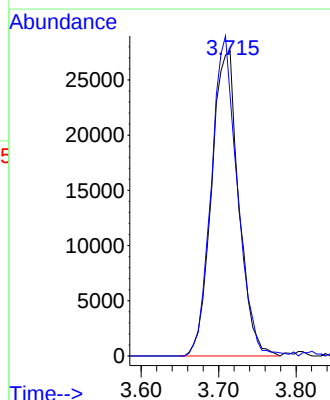
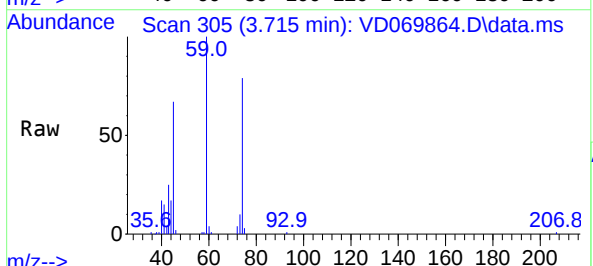
Manual Integrations  
APPROVED

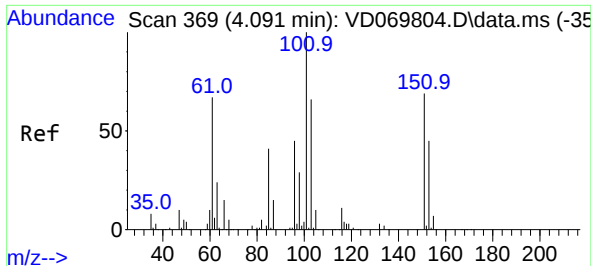
MMDadoda  
7/28/2021 8:56:27 PM



#8  
Diethyl Ether  
Concen: 20.118 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 74 Resp: 67347  
Ion Ratio Lower Upper  
74 100  
45 100.7 46.8 140.4





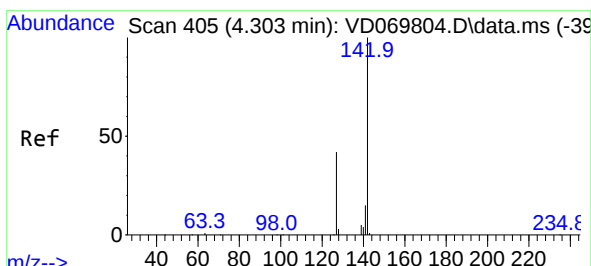
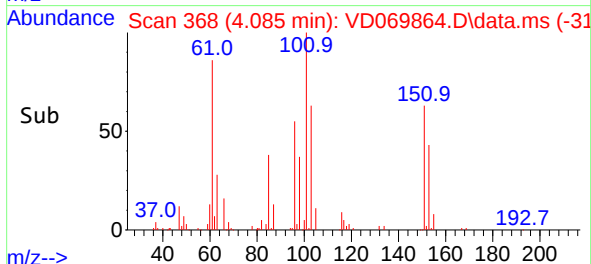
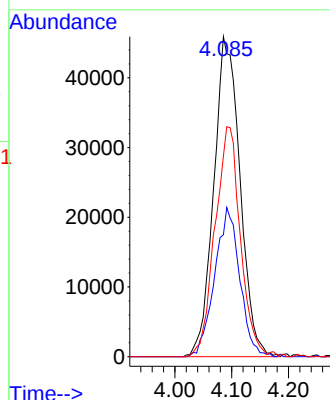
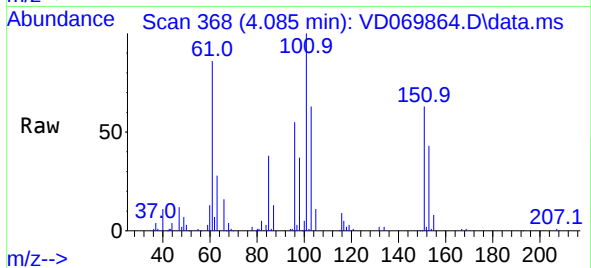
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.465 ug/l  
RT: 4.085 min Scan# 368  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:101 Resp: 147125  
Ion Ratio Lower Upper  
101 100  
85 44.4 34.7 52.1  
151 69.9 55.4 83.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

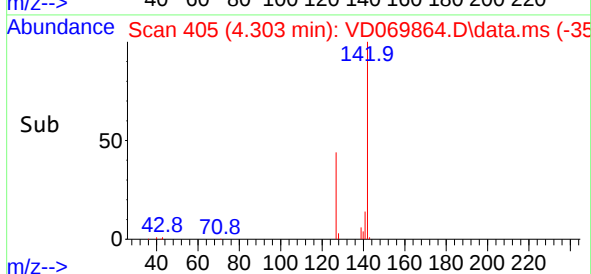
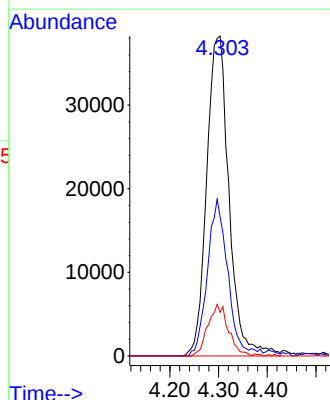
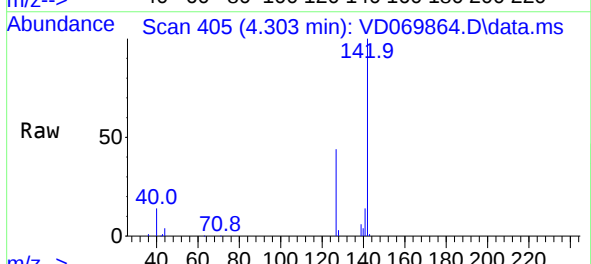
Manual Integrations  
APPROVED

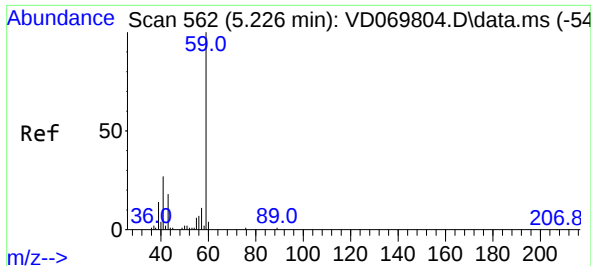
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7/28/2021 8:56:27 PM



#10  
Methyl Iodide  
Concen: 18.640 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

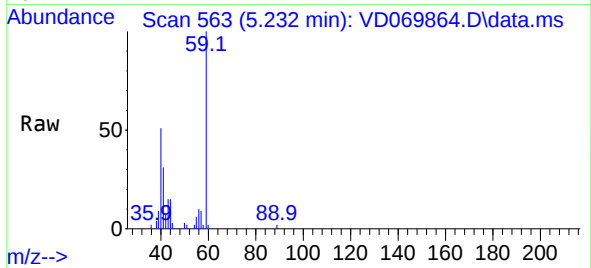
Tgt Ion:142 Resp: 121694  
Ion Ratio Lower Upper  
142 100  
127 44.9 35.7 53.5  
141 14.7 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 106.406 ug/l  
RT: 5.232 min Scan# 563  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

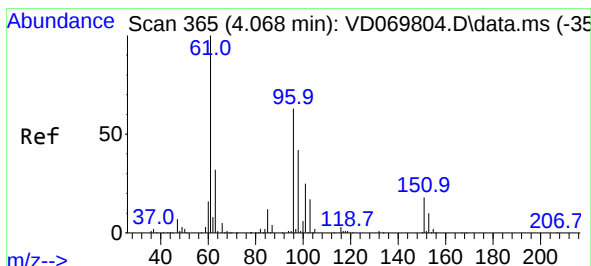
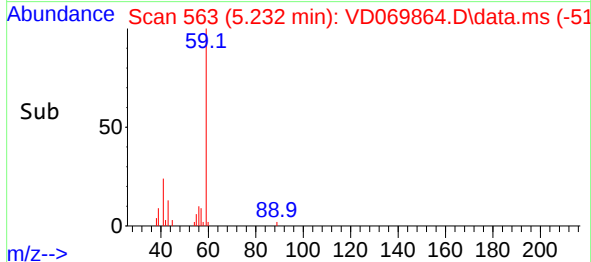
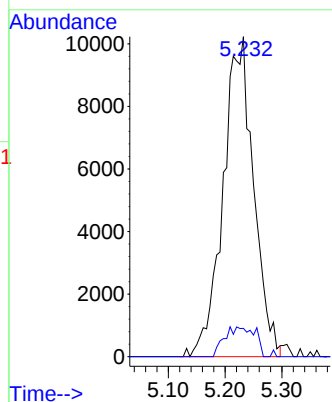
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01



Tgt Ion: 59 Resp: 38014  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#

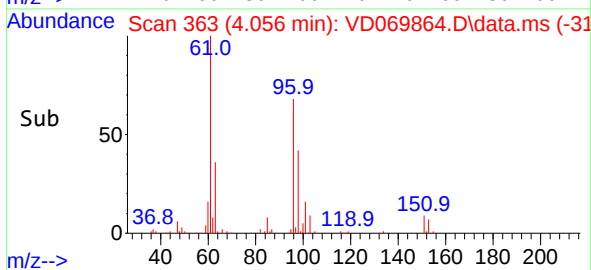
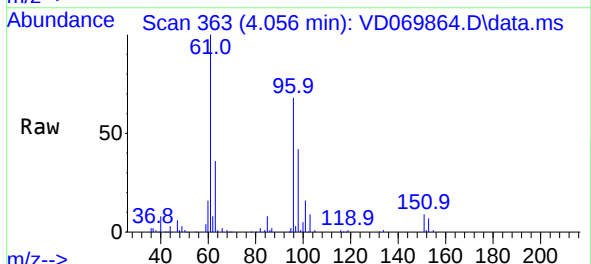
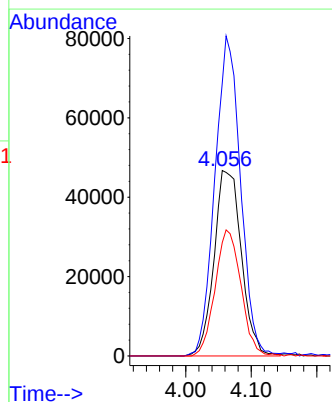
Manual Integrations  
APPROVED

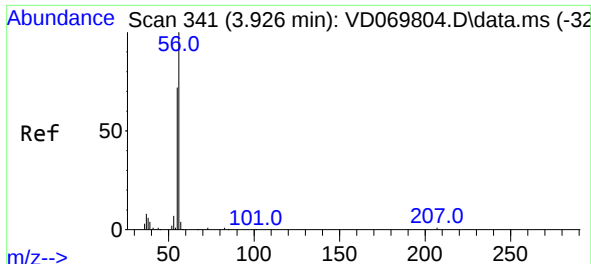
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7/28/2021 8:56:27 PM



#12  
1,1-Dichloroethene  
Concen: 19.701 ug/l  
RT: 4.056 min Scan# 363  
Delta R.T. -0.012 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 96 Resp: 135316  
Ion Ratio Lower Upper  
96 100  
61 147.3 126.9 190.3  
98 61.2 53.2 79.8





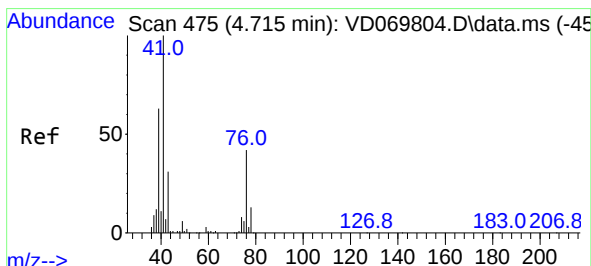
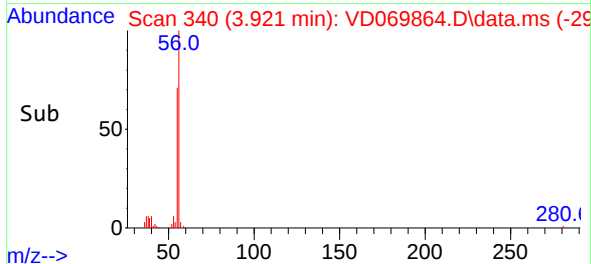
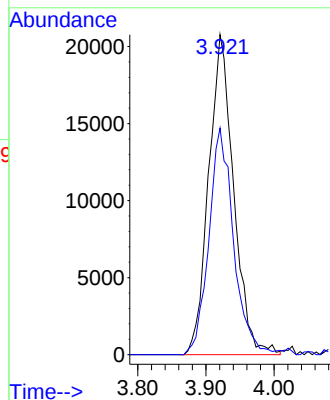
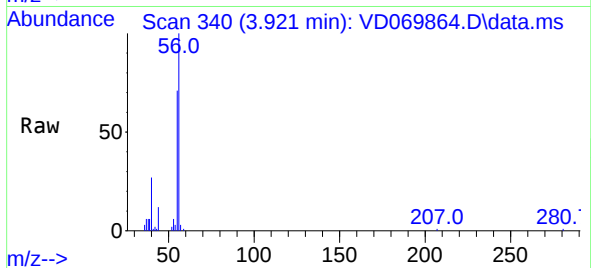
#13  
Acrolein  
Concen: 105.815 ug/l  
RT: 3.921 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 56 Resp: 52918  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.2 85.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

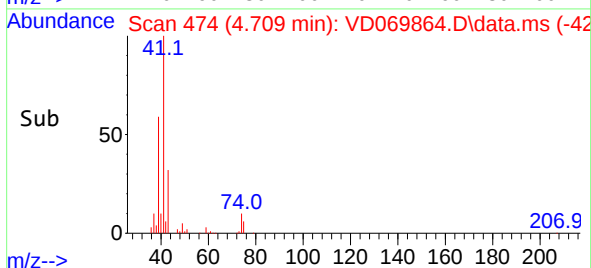
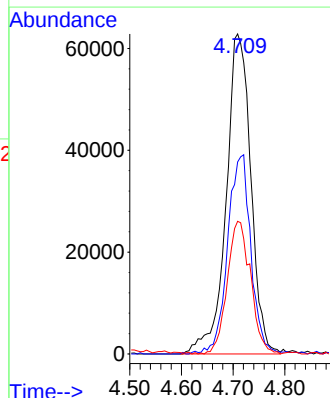
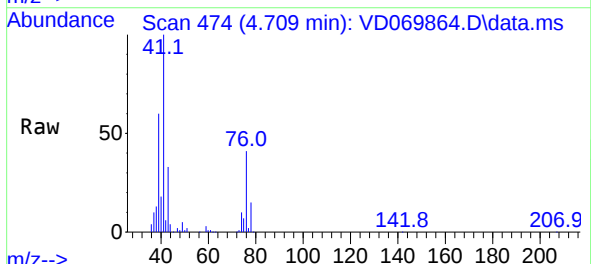
Manual Integrations  
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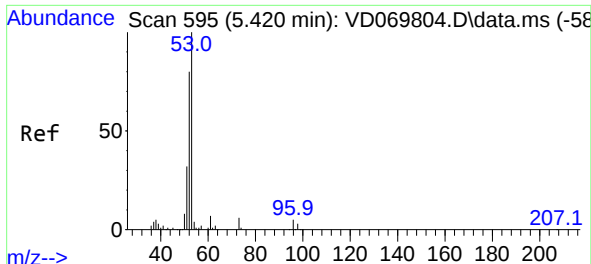
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#14  
Allyl chloride  
Concen: 20.703 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

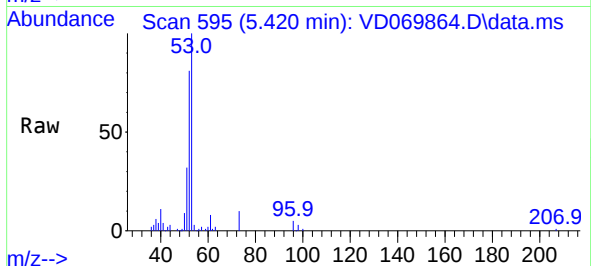
Tgt Ion: 41 Resp: 208486  
Ion Ratio Lower Upper  
41 100  
39 58.7 49.8 74.6  
76 39.2 31.8 47.8





#15  
Acrylonitrile  
Concen: 102.732 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

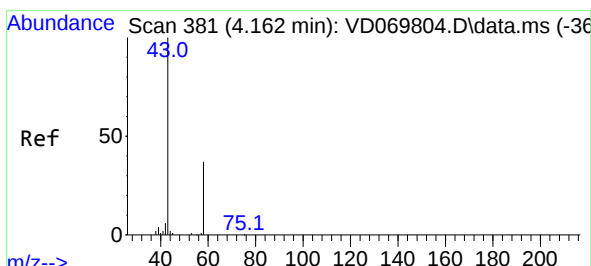
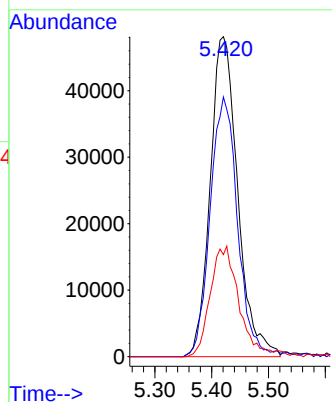
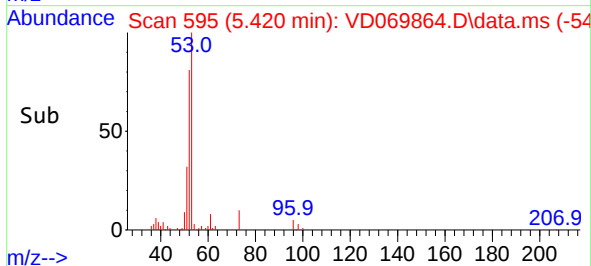
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



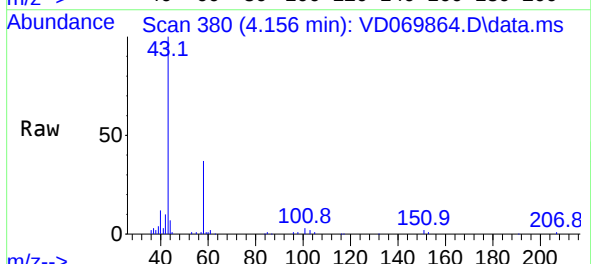
Tgt Ion: 53 Resp: 161778  
Ion Ratio Lower Upper  
53 100  
52 81.1 65.3 97.9  
51 35.7 28.3 42.5

Manual Integrations  
APPROVED

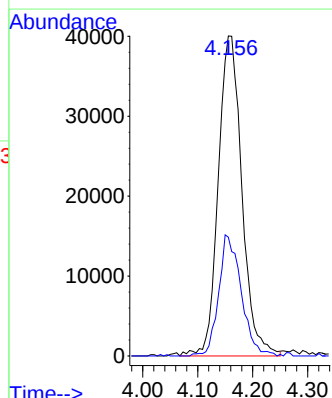
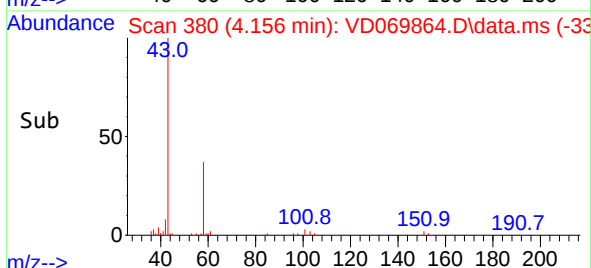
MMDadoda  
7/28/2021 8:56:27 PM

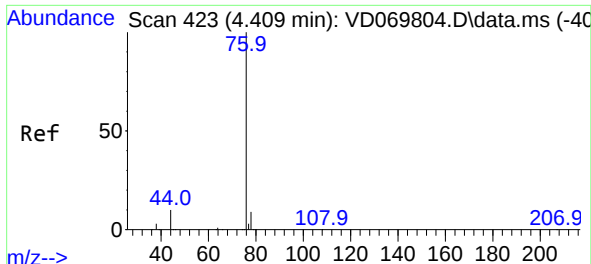


#16  
Acetone  
Concen: 96.110 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



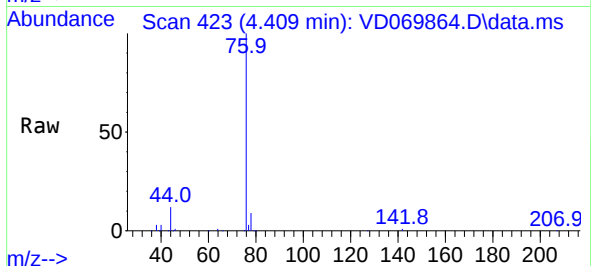
Tgt Ion: 43 Resp: 119870  
Ion Ratio Lower Upper  
43 100  
58 37.1 29.4 44.0



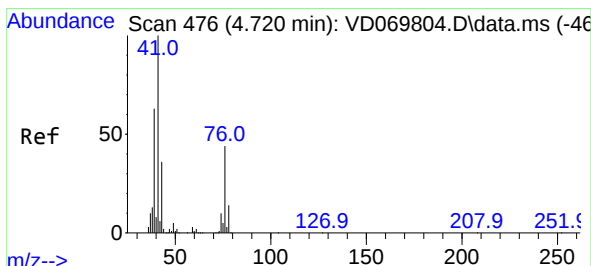
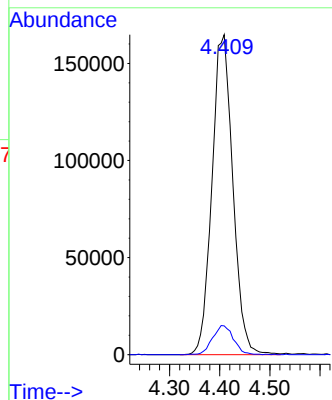
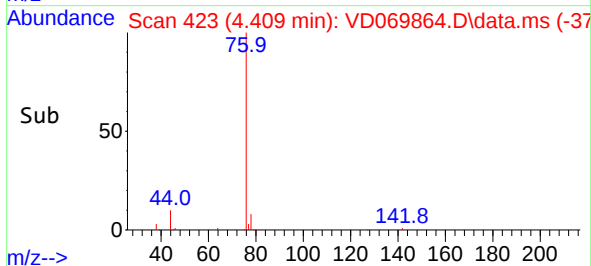


#17  
Carbon Disulfide  
Concen: 19.433 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

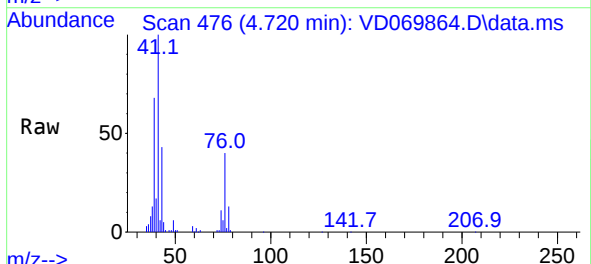
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



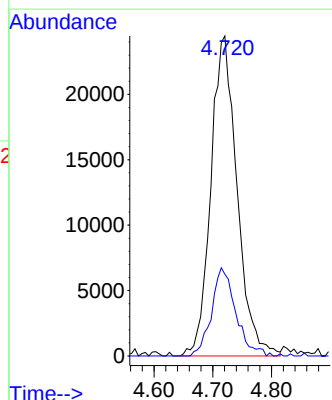
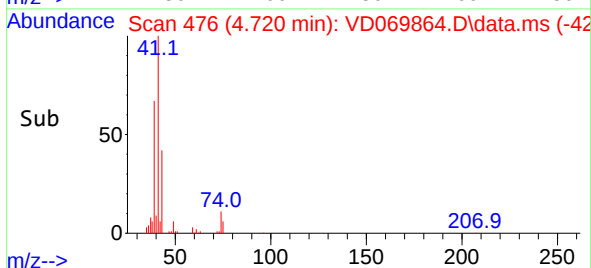
Tgt Ion: 76 Resp: 477253  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9

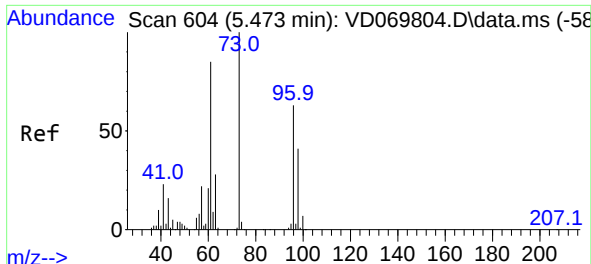


#18  
Methyl Acetate  
Concen: 20.938 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



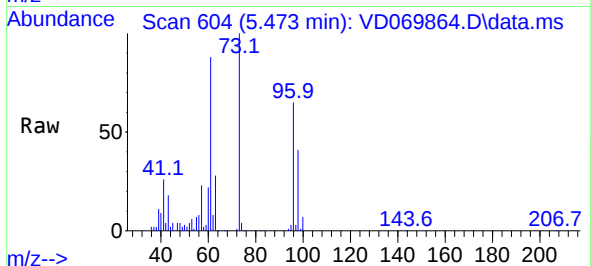
Tgt Ion: 43 Resp: 75771  
Ion Ratio Lower Upper  
43 100  
74 25.5 21.4 32.2





#19  
Methyl tert-butyl Ether  
Concen: 20.693 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

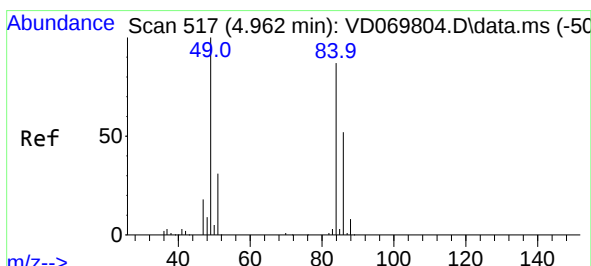
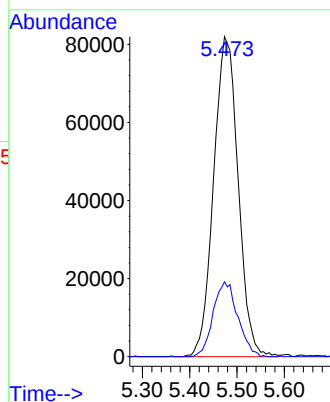
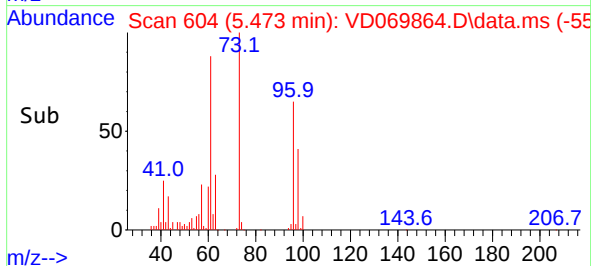
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



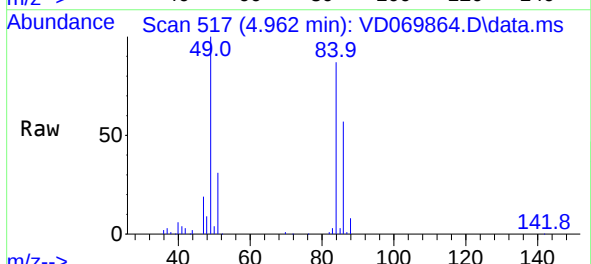
Tgt Ion: 73 Resp: 294474  
Ion Ratio Lower Upper  
73 100  
57 23.4 17.8 26.8

Manual Integrations  
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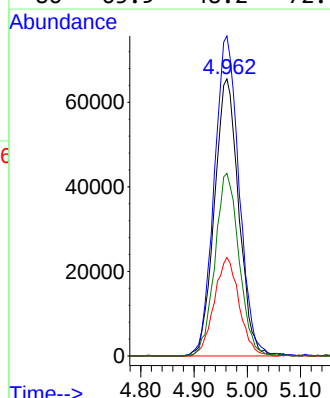
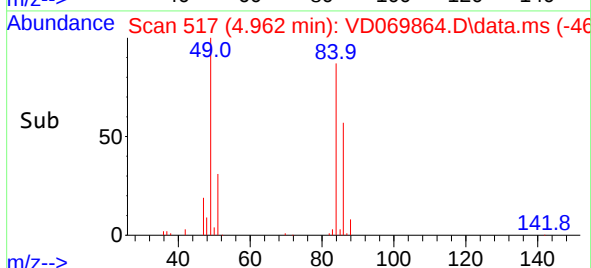
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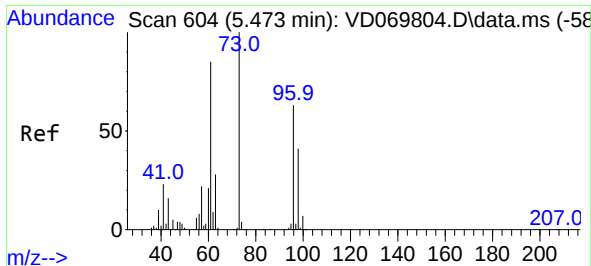


#20  
Methylene Chloride  
Concen: 19.183 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



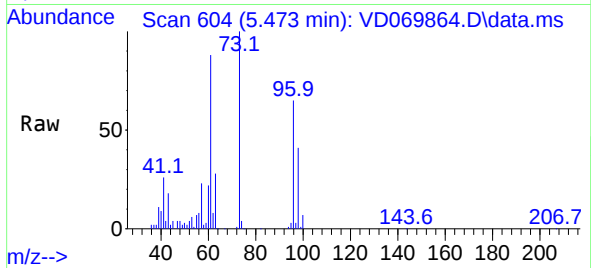
Tgt Ion: 84 Resp: 208470  
Ion Ratio Lower Upper  
84 100  
49 115.5 92.4 138.6  
51 35.5 28.5 42.7  
86 65.9 48.2 72.4





#21  
trans-1,2-Dichloroethene  
Concen: 19.654 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

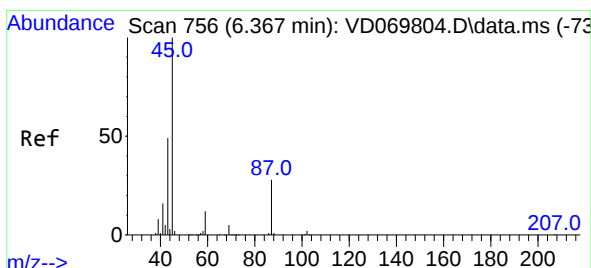
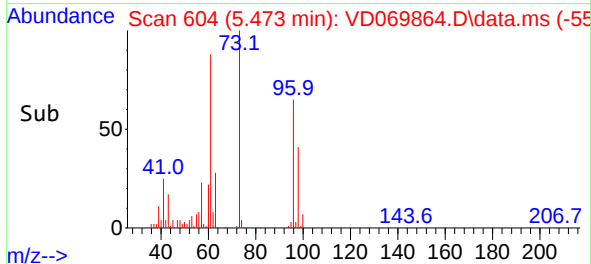
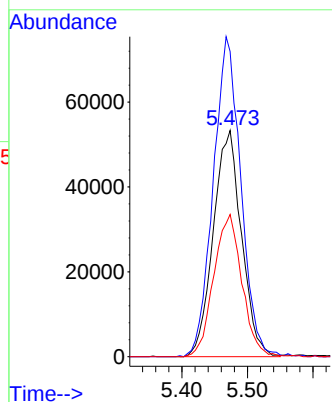
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



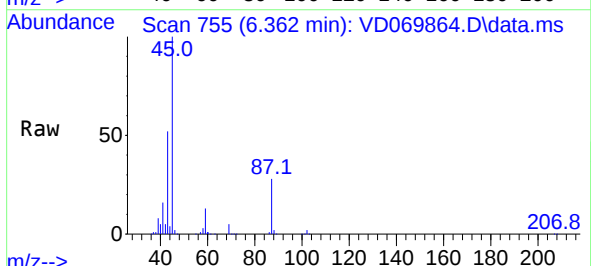
Tgt Ion: 96 Resp: 159069  
Ion Ratio Lower Upper  
96 100  
61 134.5 107.0 160.6  
98 62.8 52.3 78.5

Manual Integrations  
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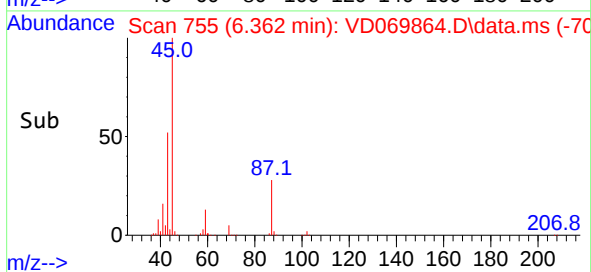
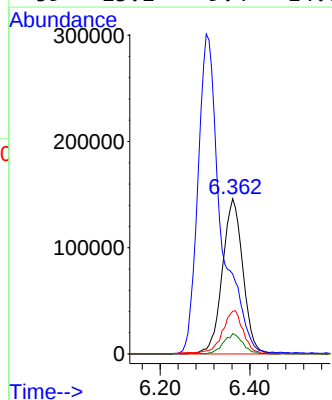
MMDadoda  
7/28/2021 8:56:27 PM

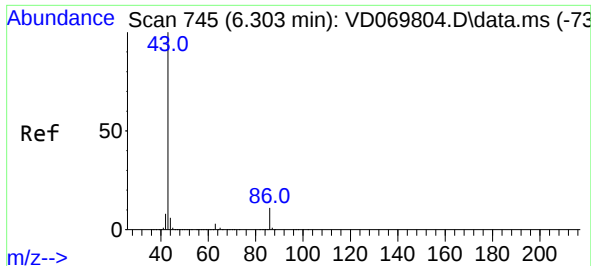


#22  
Diisopropyl ether  
Concen: 21.268 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



Tgt Ion: 45 Resp: 465389  
Ion Ratio Lower Upper  
45 100  
43 50.6 39.2 58.8  
87 27.3 22.3 33.5  
59 13.1 9.4 14.0





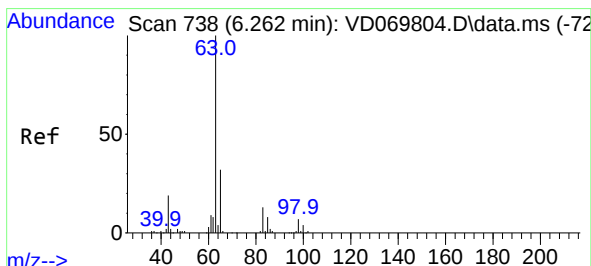
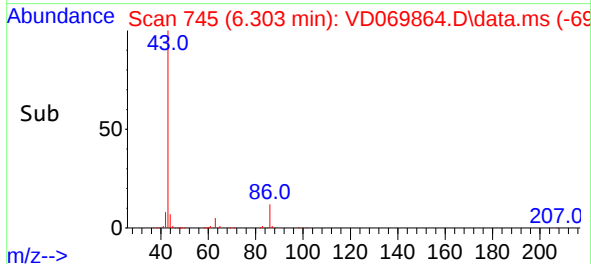
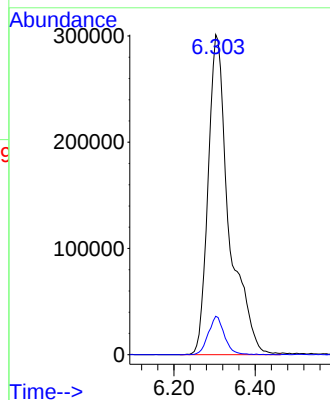
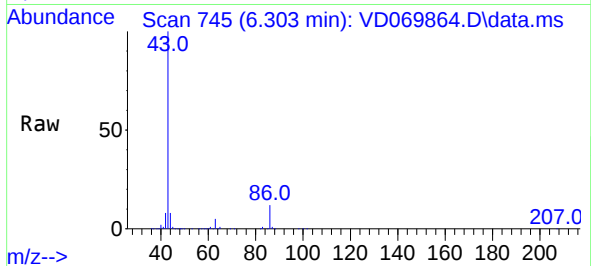
#23  
 Vinyl Acetate  
 Concen: 102.617 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD069864.D  
 Acq: 27 Jul 2021 14:02

Tgt Ion: 43 Resp: 1078034  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 8.6 13.0

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0727SBS01

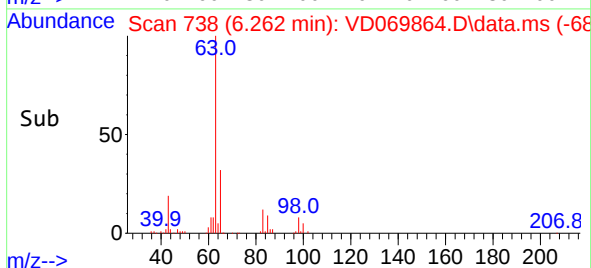
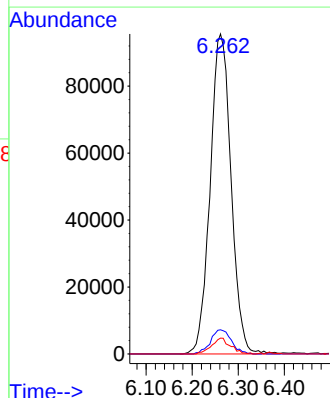
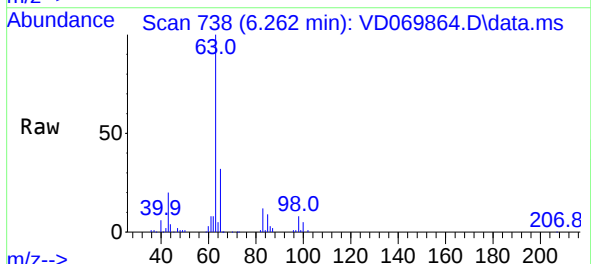
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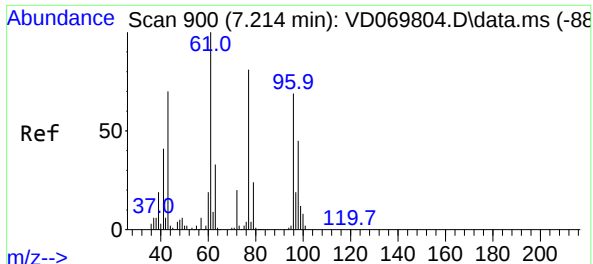
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#24  
 1,1-Dichloroethane  
 Concen: 19.953 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD069864.D  
 Acq: 27 Jul 2021 14:02

Tgt Ion: 63 Resp: 301569  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.6 10.8  
 100 5.0 2.2 6.6





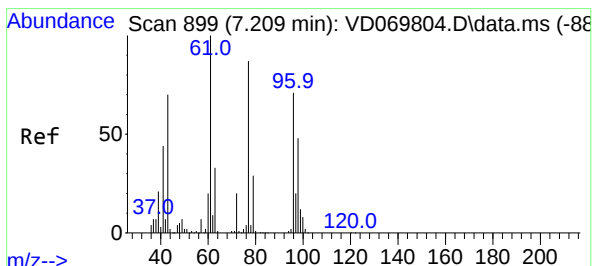
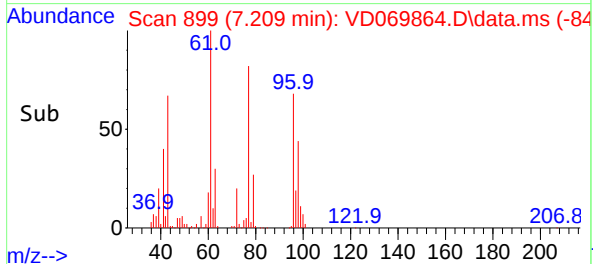
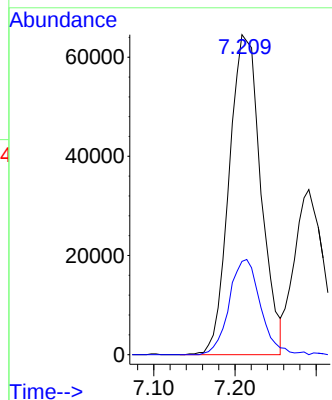
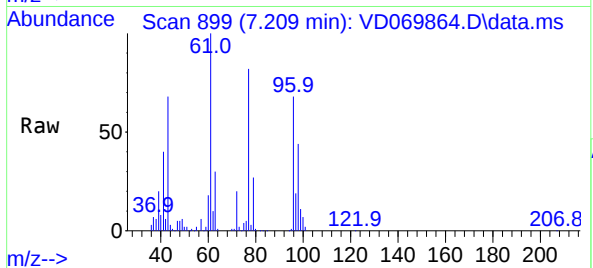
#25  
2-Butanone  
Concen: 103.455 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 43 Resp: 174982  
Ion Ratio Lower Upper  
43 100  
72 29.2 22.8 34.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

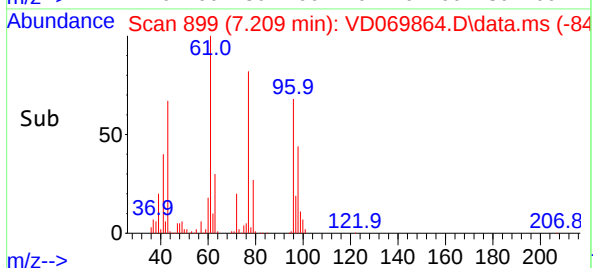
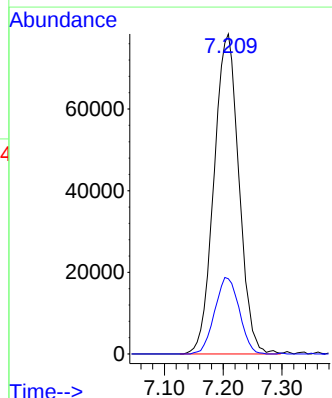
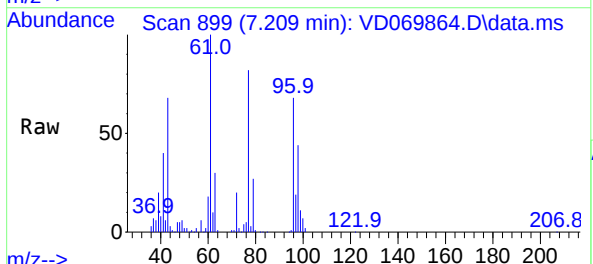
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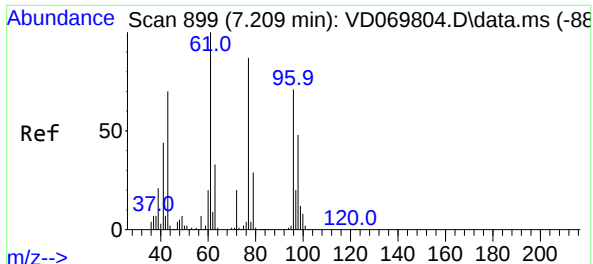
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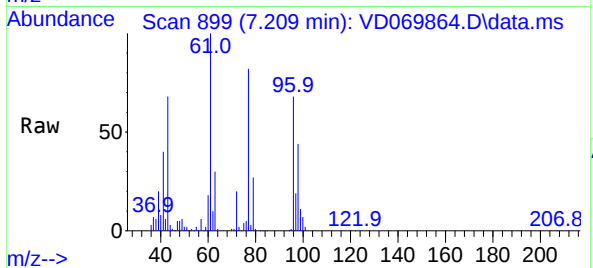
#26  
2,2-Dichloropropane  
Concen: 20.083 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 77 Resp: 230811  
Ion Ratio Lower Upper  
77 100  
97 23.5 11.9 35.7

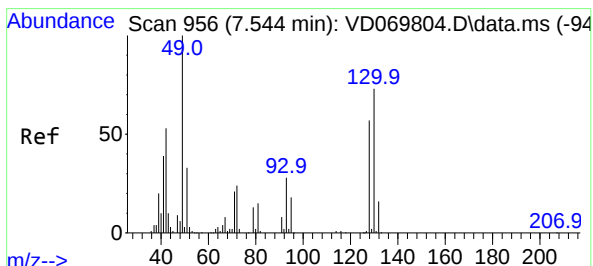
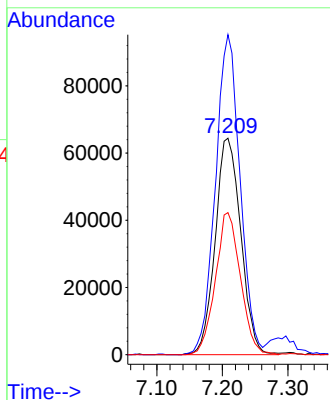
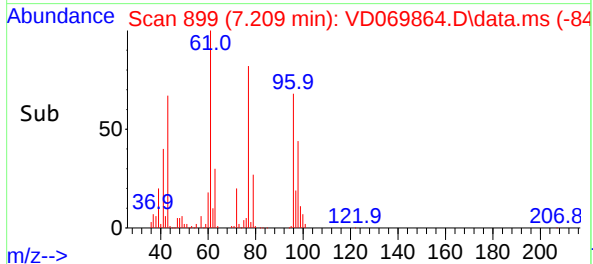




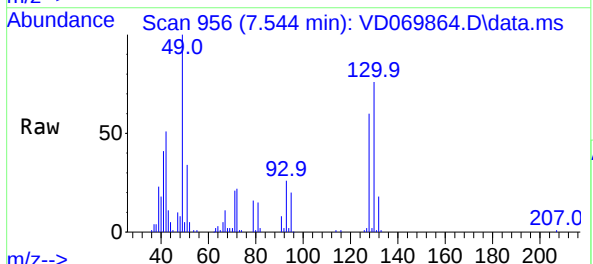
#27  
cis-1,2-Dichloroethene  
Concen: 20.219 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



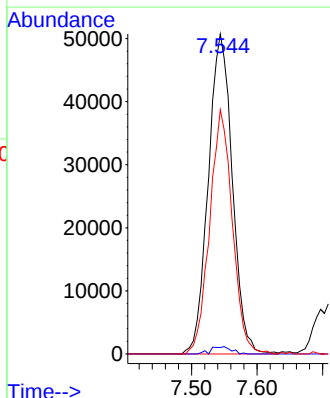
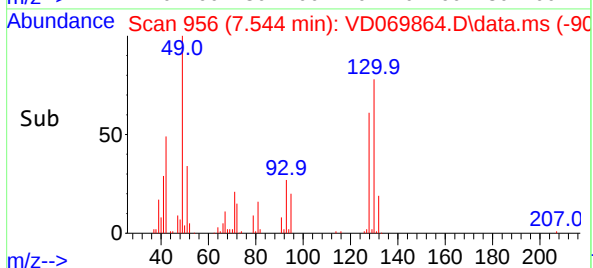
Tgt Ion: 96 Resp: 174611  
Ion Ratio Lower Upper  
96 100  
61 142.3 0.0 291.6  
98 64.1 0.0 132.0



#28  
Bromochloromethane  
Concen: 22.452 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



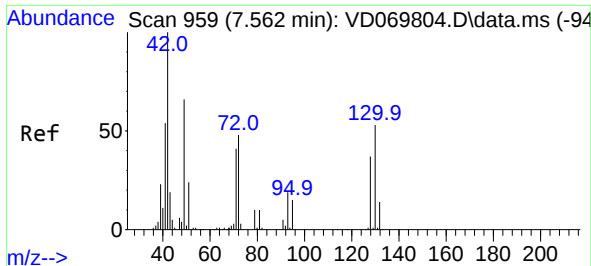
Tgt Ion: 49 Resp: 128841  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.2  
130 72.1 59.6 89.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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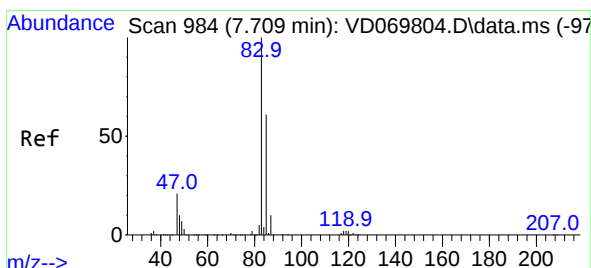
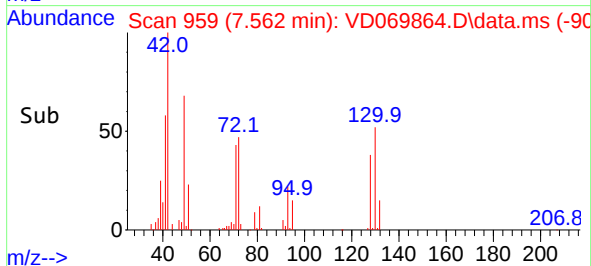
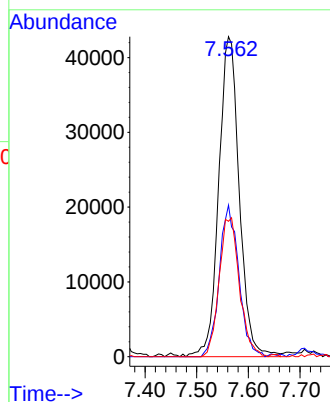
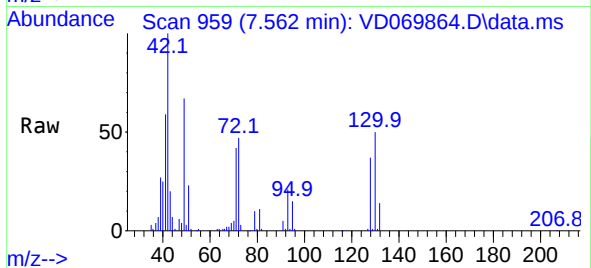
#29  
Tetrahydrofuran  
Concen: 107.885 ug/l  
RT: 7.562 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 42 Resp: 118055  
Ion Ratio Lower Upper  
42 100  
72 44.8 36.5 54.7  
71 43.0 33.5 50.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

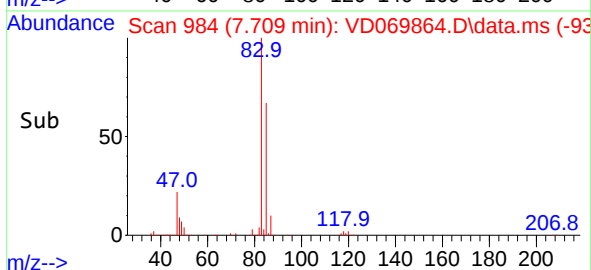
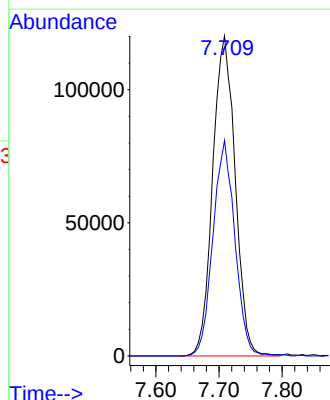
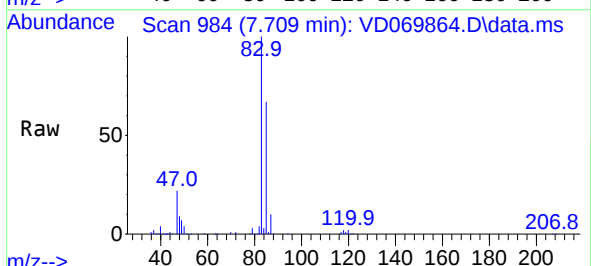
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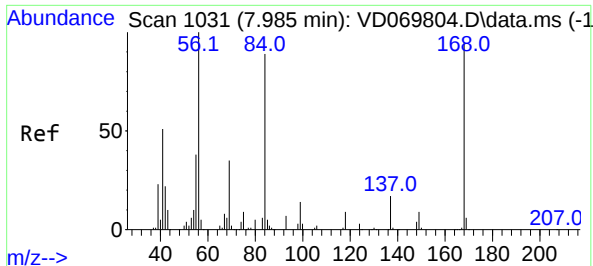
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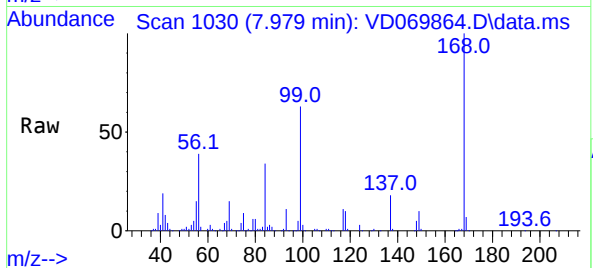
#30  
Chloroform  
Concen: 19.582 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 83 Resp: 297566  
Ion Ratio Lower Upper  
83 100  
85 67.3 49.1 73.7

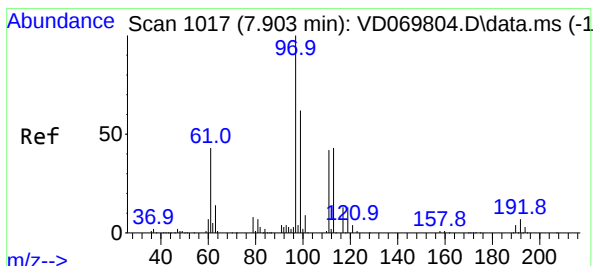
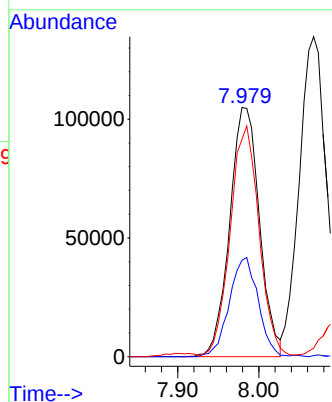
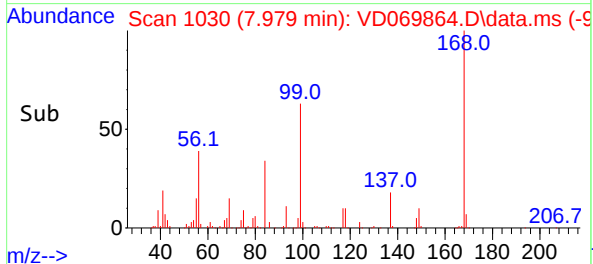




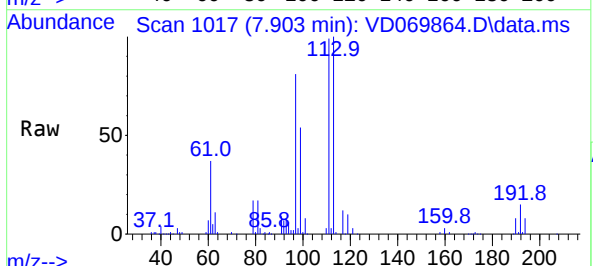
#31  
Cyclohexane  
Concen: 19.862 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



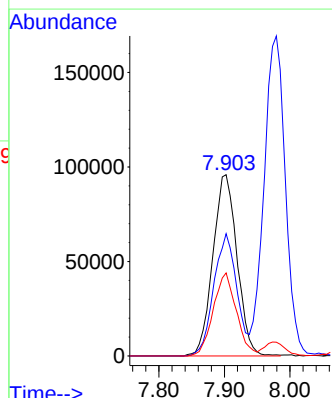
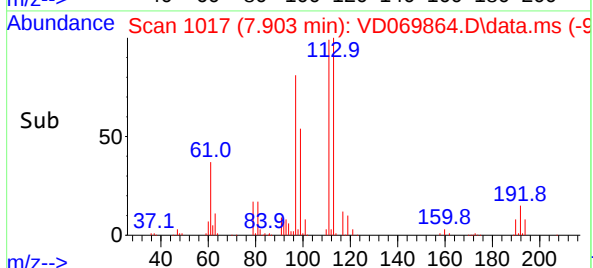
Tgt Ion: 56 Resp: 267937  
Ion Ratio Lower Upper  
56 100  
69 38.7 27.9 41.9  
84 85.9 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 19.504 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



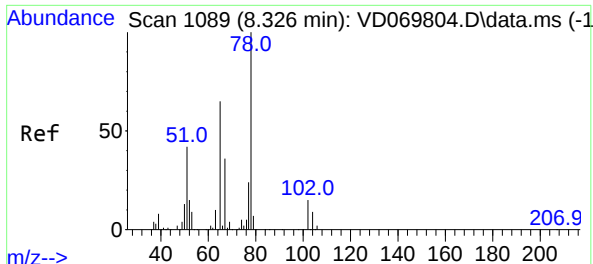
Tgt Ion: 97 Resp: 245330  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.8 76.2  
61 43.9 34.5 51.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

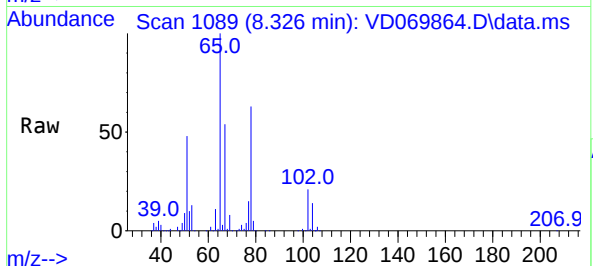
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#33  
1,2-Dichloroethane-d4  
Concen: 50.467 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

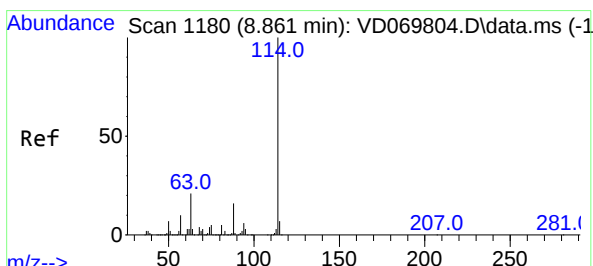
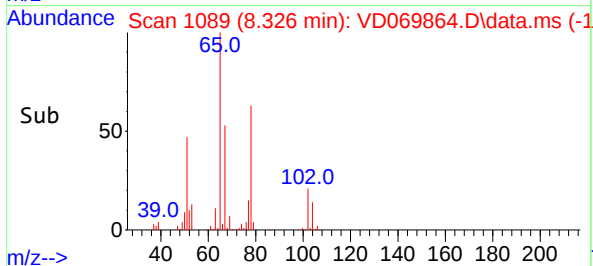
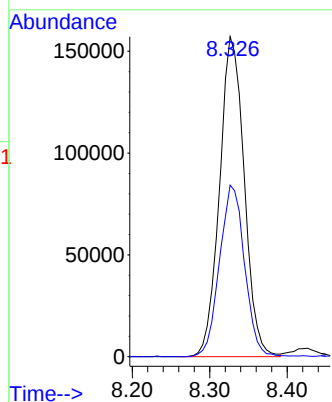
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



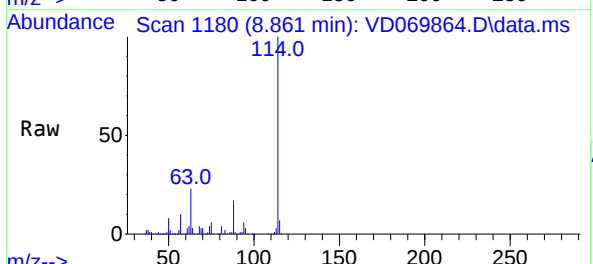
Tgt Ion: 65 Resp: 348433  
Ion Ratio Lower Upper  
65 100  
67 54.4 0.0 111.2

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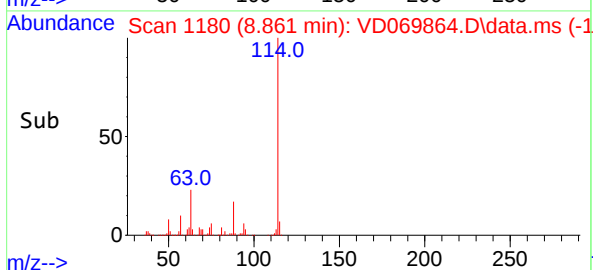
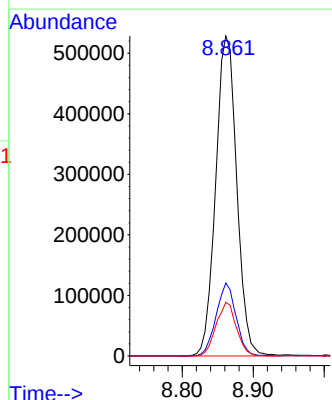
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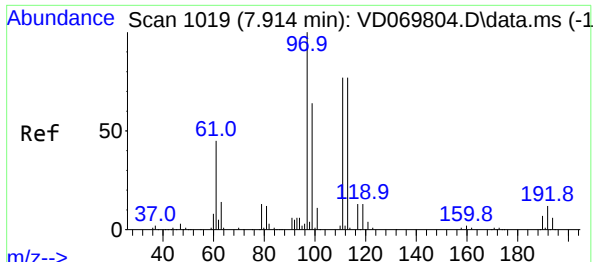


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



Tgt Ion: 114 Resp: 1085722  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 41.6  
88 16.7 0.0 31.4





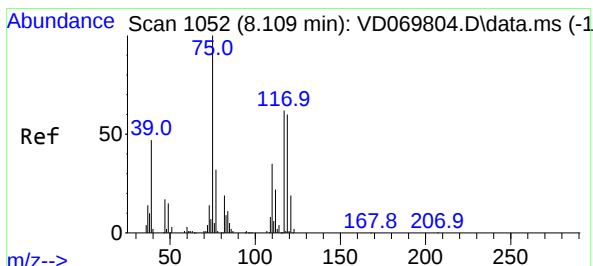
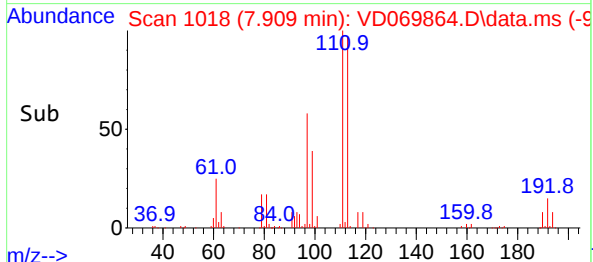
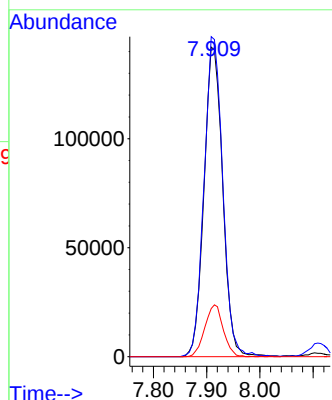
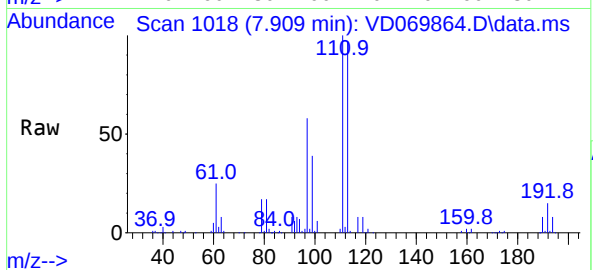
#35  
Dibromofluoromethane  
Concen: 50.621 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:113 Resp: 346472  
Ion Ratio Lower Upper  
113 100  
111 103.2 80.5 120.7  
192 16.5 12.6 19.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

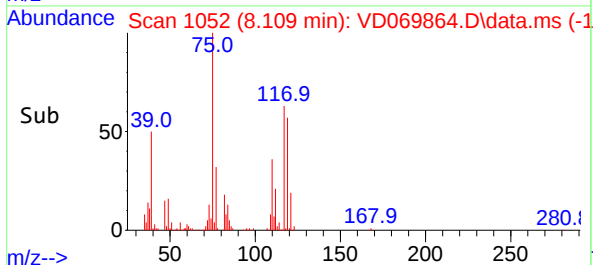
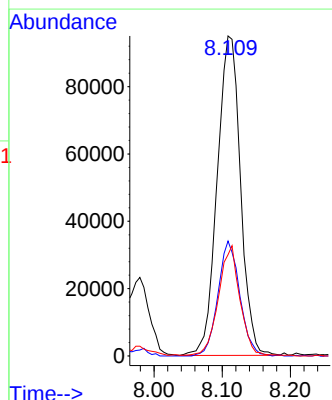
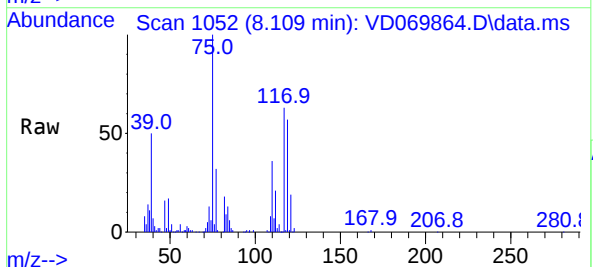
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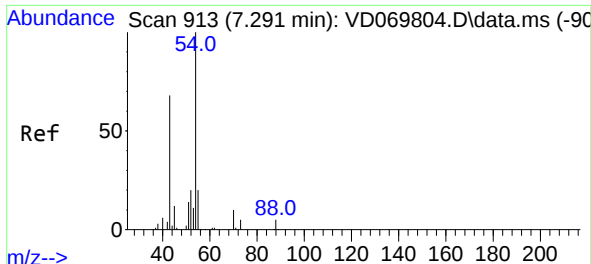
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#36  
1,1-Dichloropropene  
Concen: 19.315 ug/l  
RT: 8.109 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 75 Resp: 226302  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.9 50.7  
77 32.0 24.9 37.3





#37

Ethyl Acetate

Concen: 20.619 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD069864.D

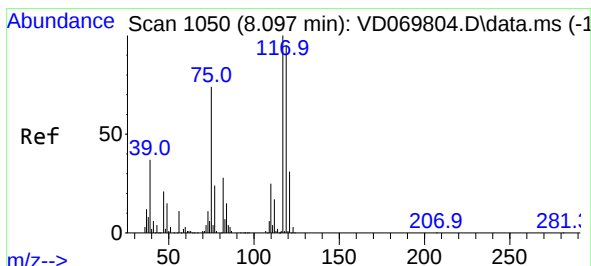
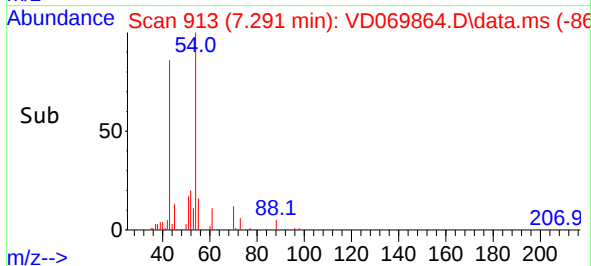
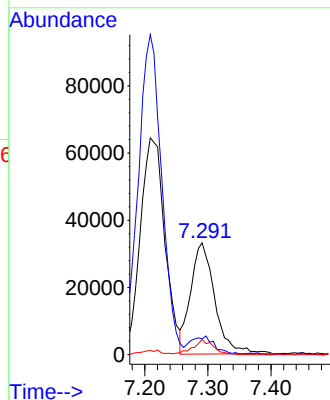
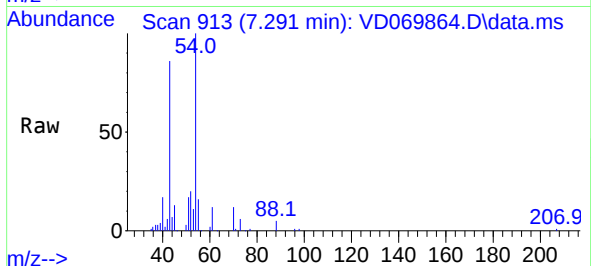
Acq: 27 Jul 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 87947 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.6  | 11.8  | 17.8  |
| 70       | 11.5  | 8.9   | 13.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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#38

Carbon Tetrachloride

Concen: 19.382 ug/l

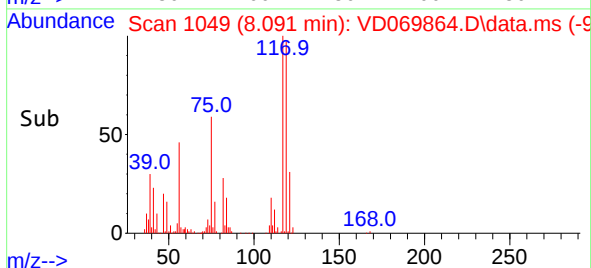
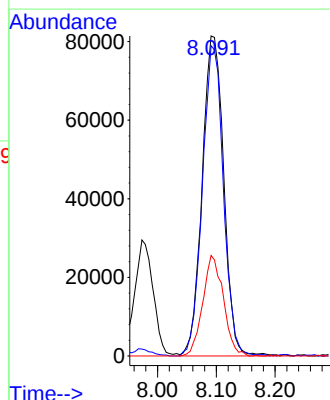
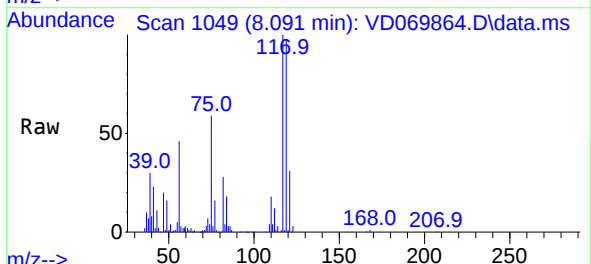
RT: 8.091 min Scan# 1049

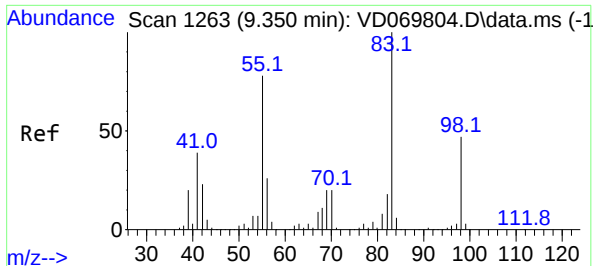
Delta R.T. -0.006 min

Lab File: VD069864.D

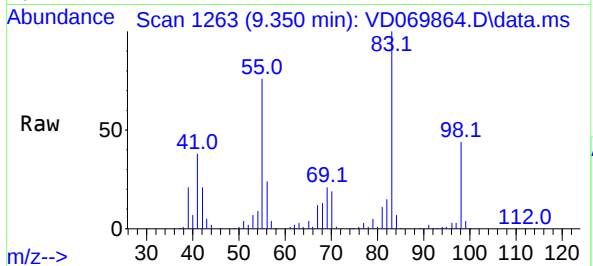
Acq: 27 Jul 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 207440 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.0  | 76.2  | 114.2  |
| 121      | 31.4  | 24.5  | 36.7   |

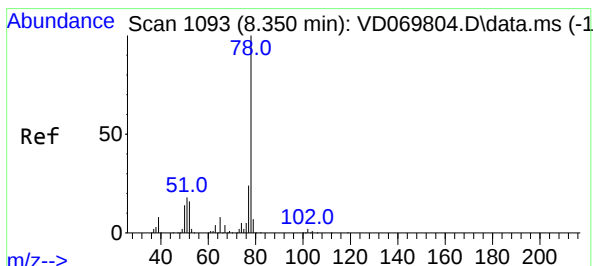
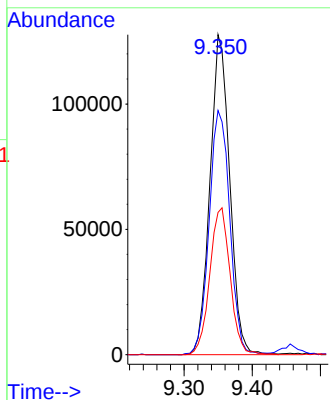
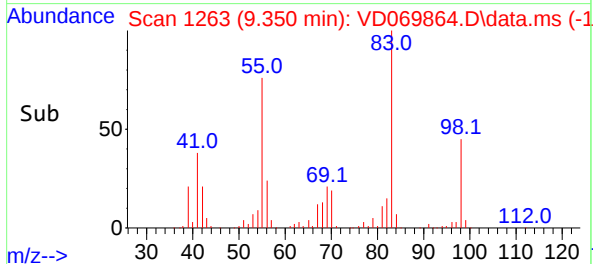




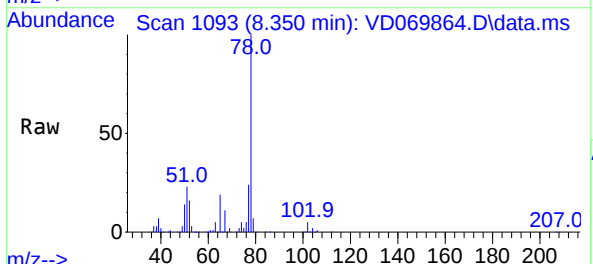
#39  
Methylcyclohexane  
Concen: 19.175 ug/l  
RT: 9.350 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



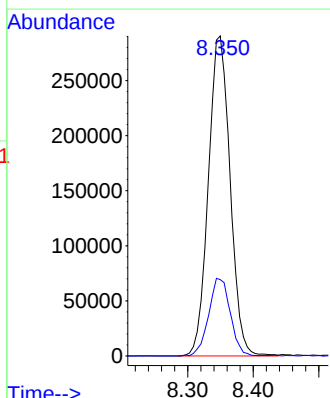
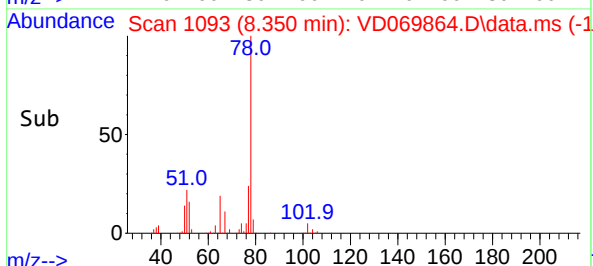
Tgt Ion: 83 Resp: 257306  
Ion Ratio Lower Upper  
83 100  
55 76.3 62.2 93.2  
98 44.5 37.8 56.8



#40  
Benzene  
Concen: 19.694 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



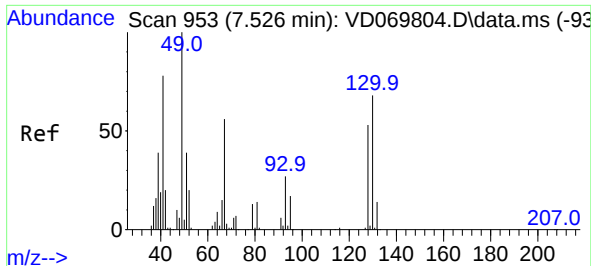
Tgt Ion: 78 Resp: 668514  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.4 29.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

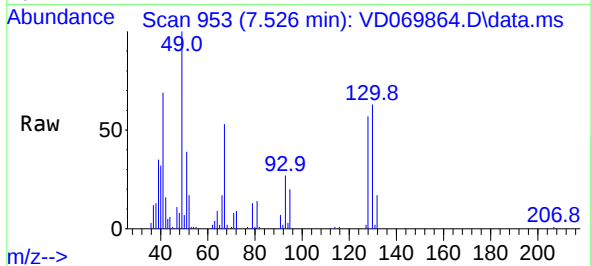
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#41  
Methacrylonitrile  
Concen: 19.166 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

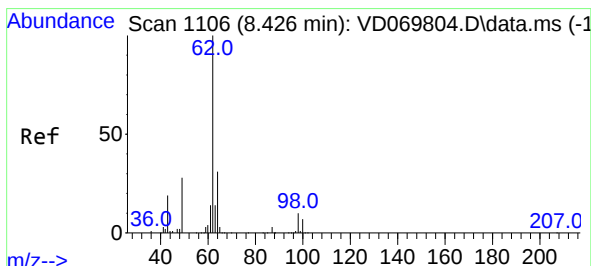
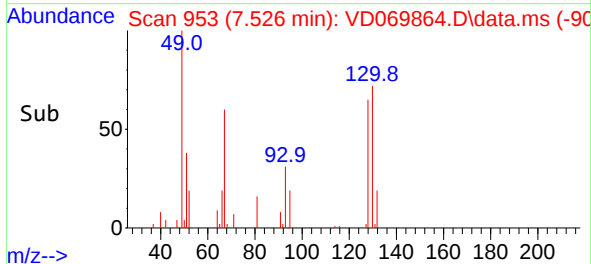
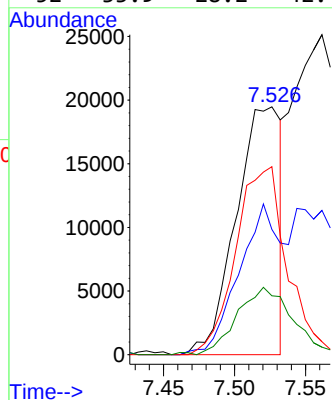
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 42902 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.3  | 46.7  | 70.1  |
| 67       | 87.1  | 69.3  | 103.9 |
| 52       | 33.9  | 28.2  | 42.4  |

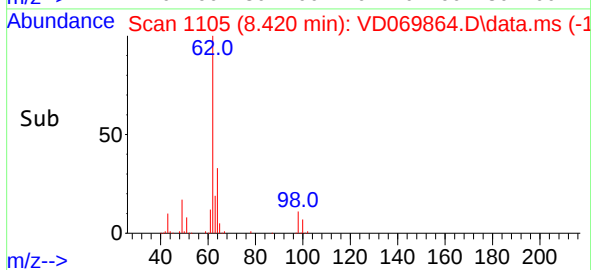
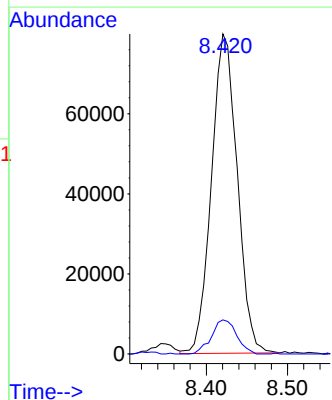
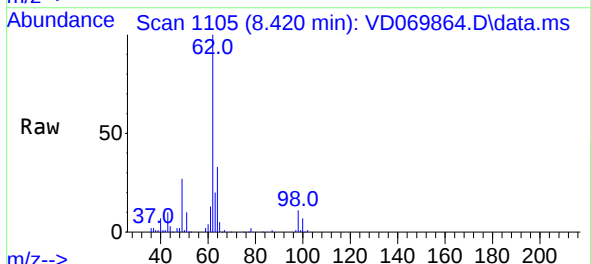
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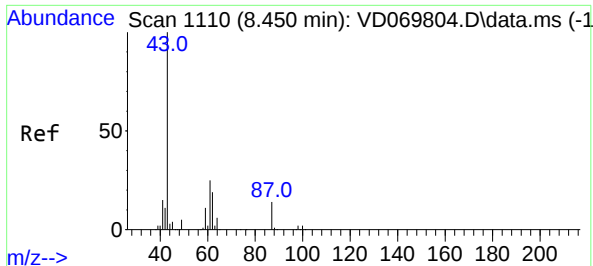
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#42  
1,2-Dichloroethane  
Concen: 19.618 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 176114 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.4  | 0.0   | 20.4   |





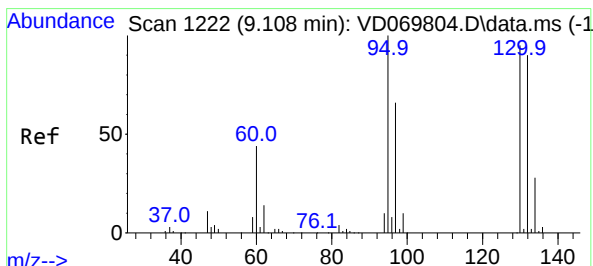
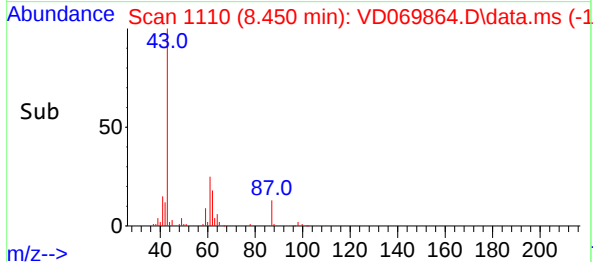
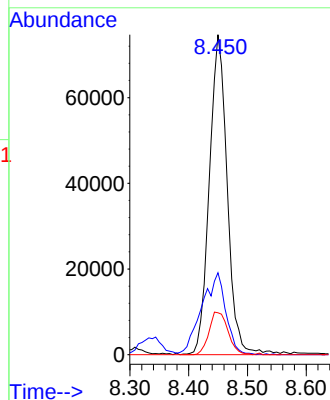
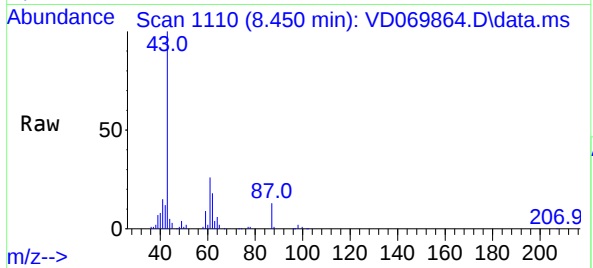
#43  
Isopropyl Acetate  
Concen: 20.666 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 43 Resp: 158099  
Ion Ratio Lower Upper  
43 100  
61 34.5 27.8 41.6  
87 14.1 11.3 16.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

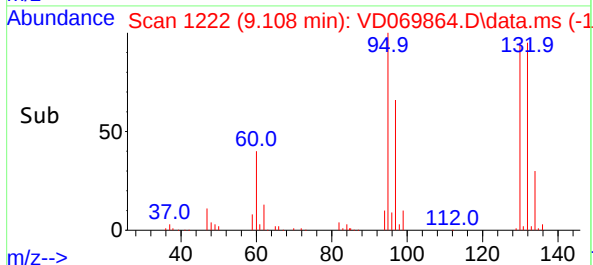
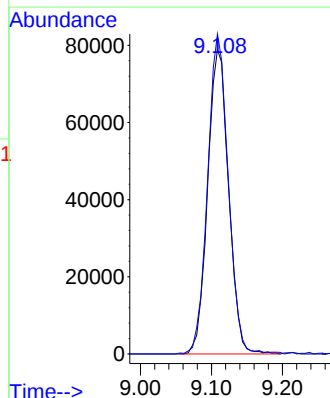
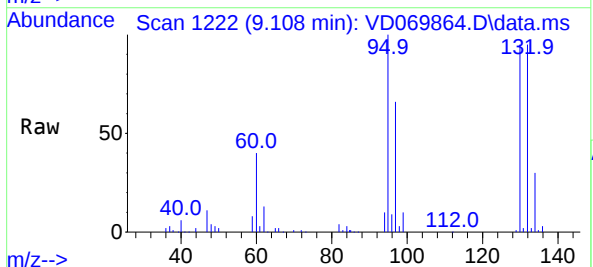
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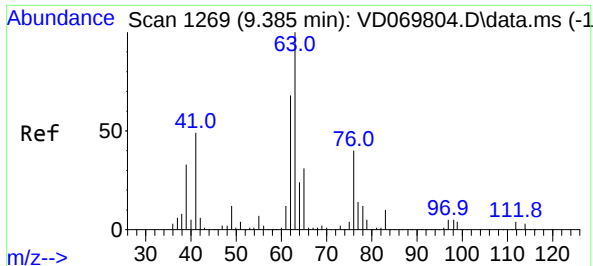
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#44  
Trichloroethene  
Concen: 19.300 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:130 Resp: 161338  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 210.8





#45

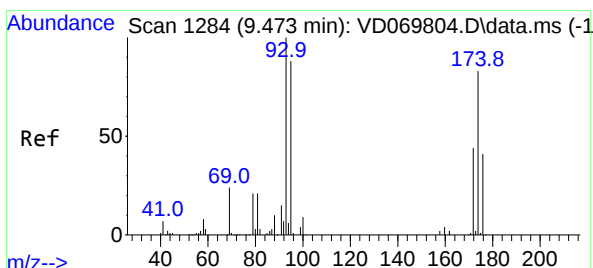
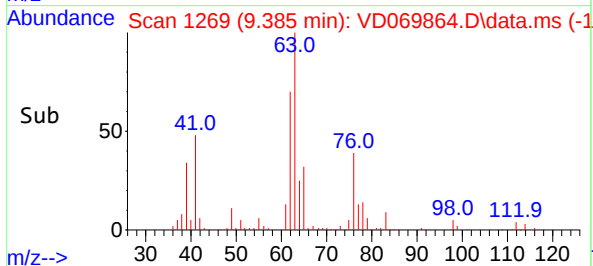
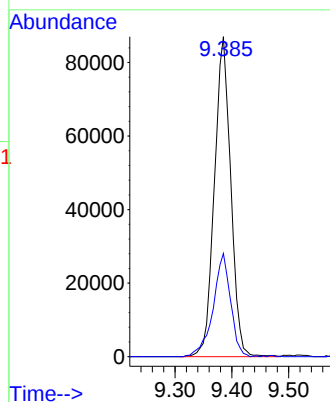
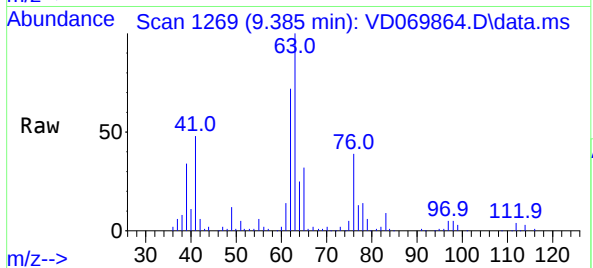
1,2-Dichloropropane  
Concen: 19.517 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

Tgt Ion: 63 Resp: 174017  
Ion Ratio Lower Upper  
63 100  
65 32.2 24.9 37.3

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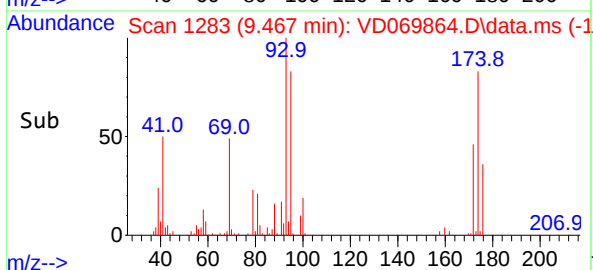
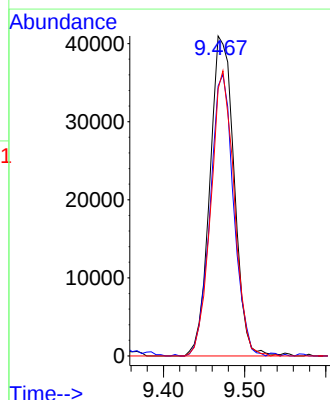
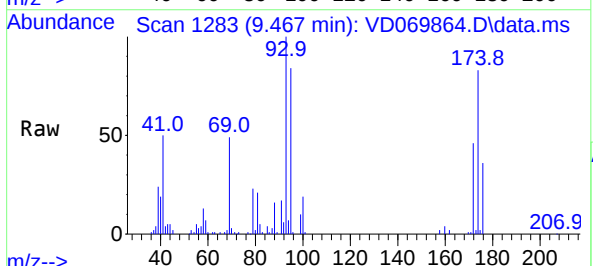
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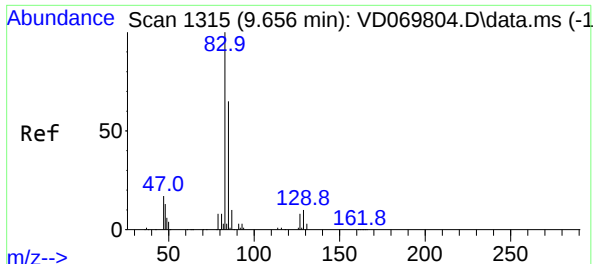


#46

Dibromomethane  
Concen: 19.423 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 93 Resp: 85124  
Ion Ratio Lower Upper  
93 100  
95 85.0 67.5 101.3  
174 85.5 66.3 99.5





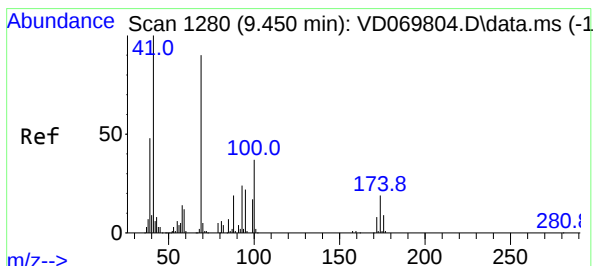
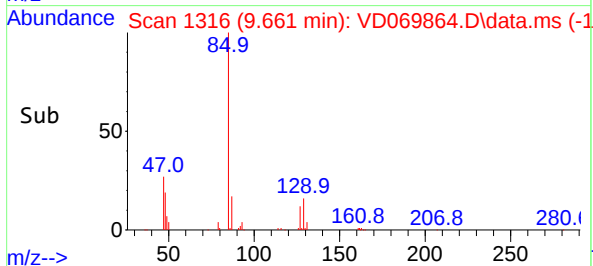
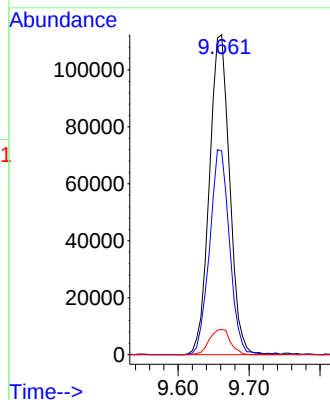
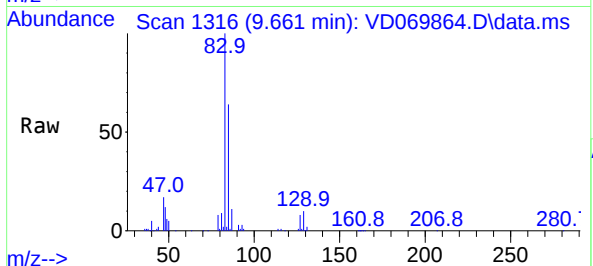
#47  
Bromodichloromethane  
Concen: 19.545 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 83 Resp: 222559  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.0 78.0  
127 7.9 6.6 10.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

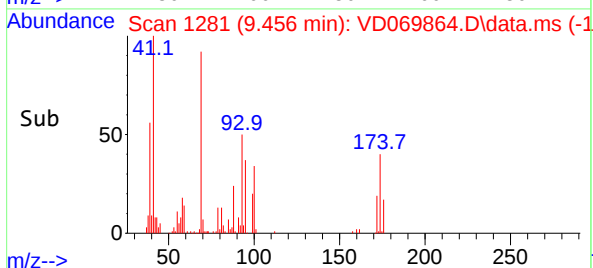
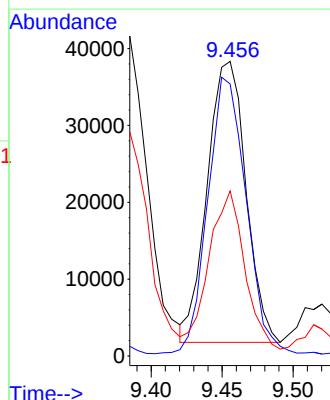
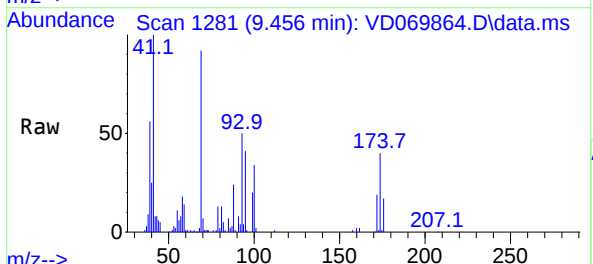
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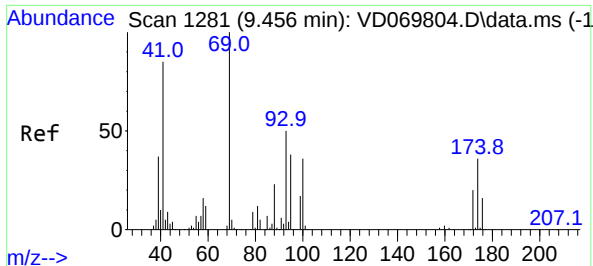
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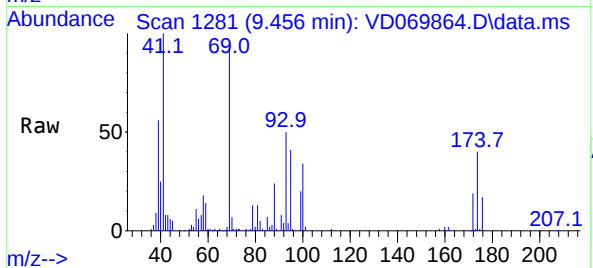
#48  
Methyl methacrylate  
Concen: 18.796 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 41 Resp: 69172  
Ion Ratio Lower Upper  
41 100  
69 101.1 73.4 110.2  
39 51.9 36.6 55.0

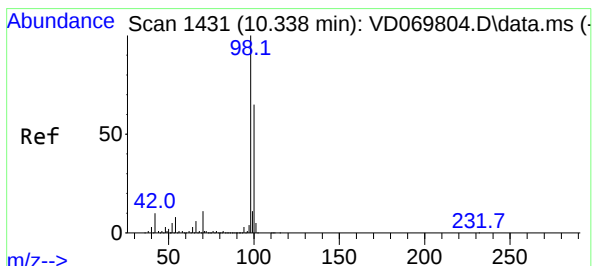
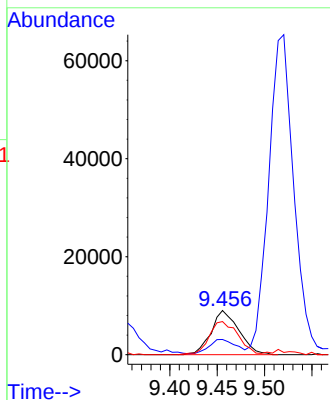
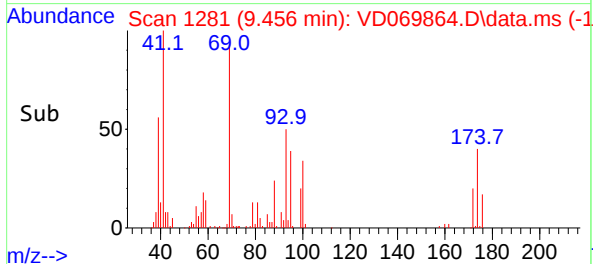




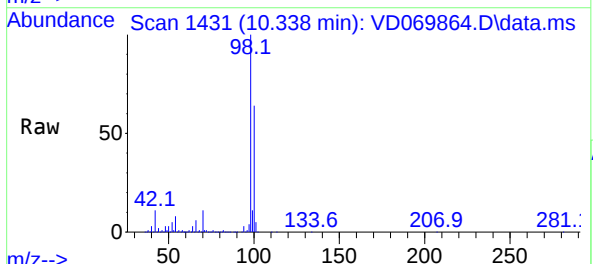
#49  
1,4-Dioxane  
Concen: 396.143 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



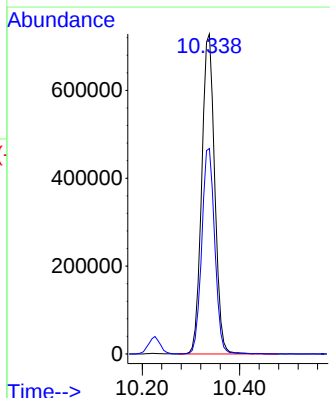
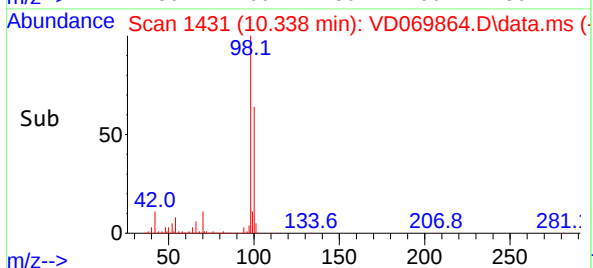
Tgt Ion: 88 Resp: 18343  
Ion Ratio Lower Upper  
88 100  
43 30.4 26.8 40.2  
58 78.1 59.8 89.6



#50  
Toluene-d8  
Concen: 51.007 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



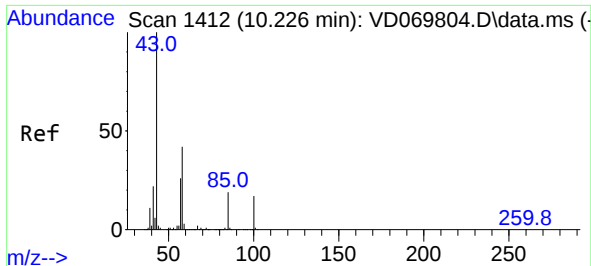
Tgt Ion: 98 Resp: 1346155  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.9 77.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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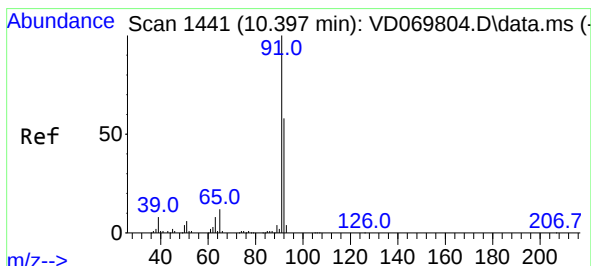
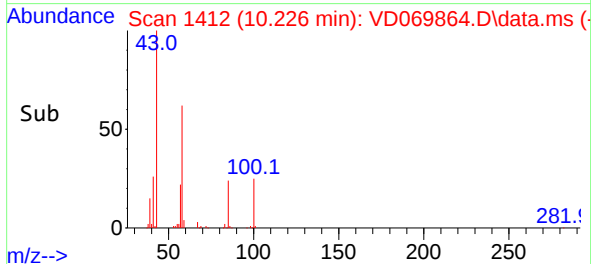
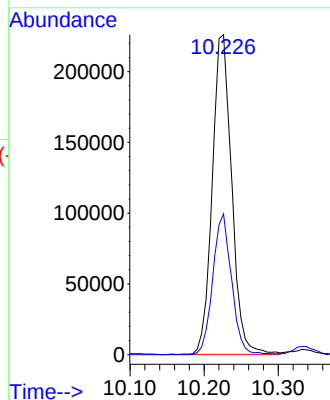
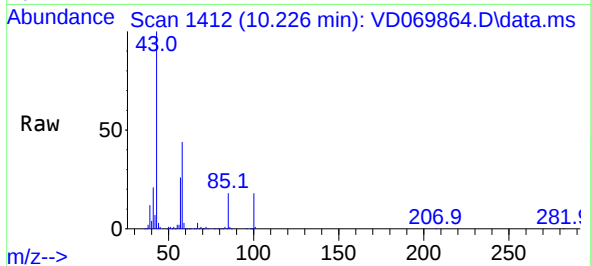
#51  
4-Methyl-2-Pentanone  
Concen: 103.347 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 43 Resp: 411411  
Ion Ratio Lower Upper  
43 100  
58 42.5 33.7 50.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

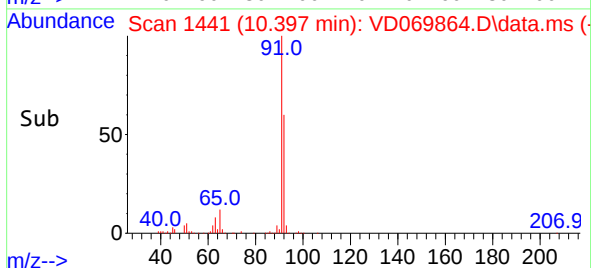
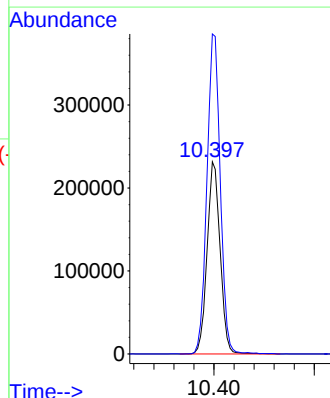
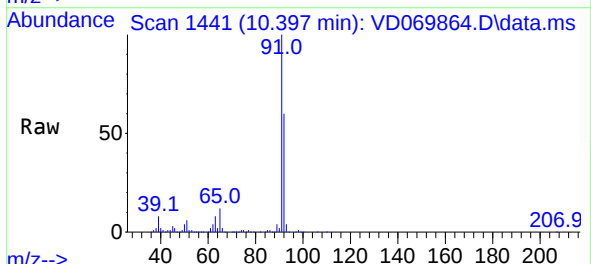
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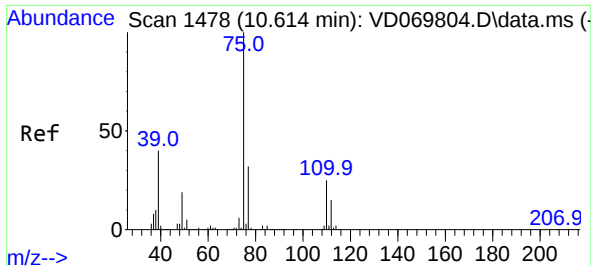
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#52  
Toluene  
Concen: 20.276 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 92 Resp: 417507  
Ion Ratio Lower Upper  
92 100  
91 170.7 138.7 208.1



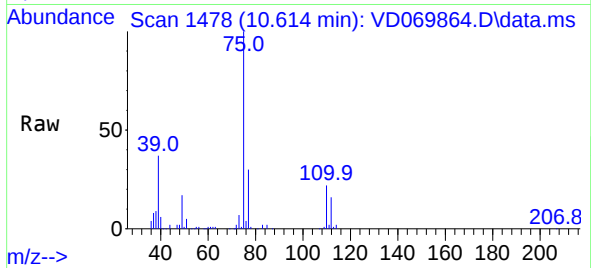


#53  
t-1,3-Dichloropropene  
Concen: 20.387 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

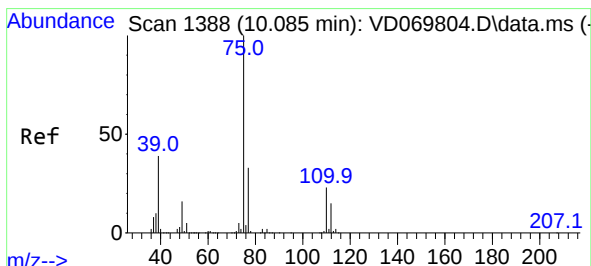
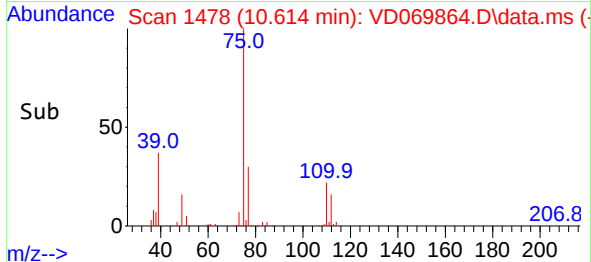
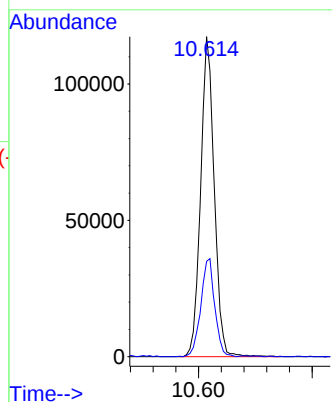
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

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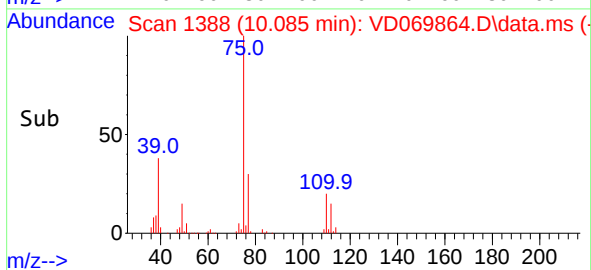
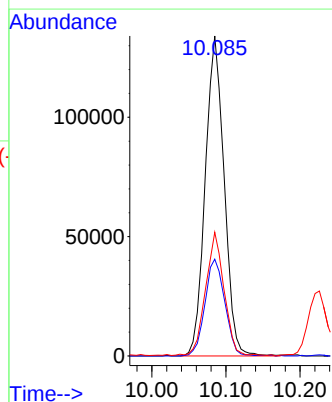
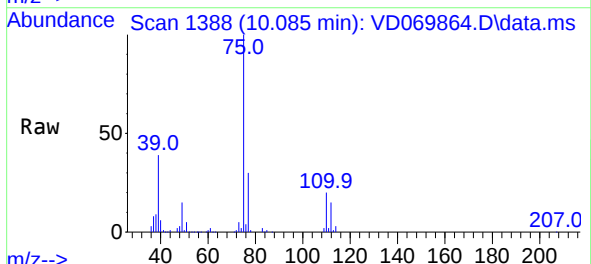


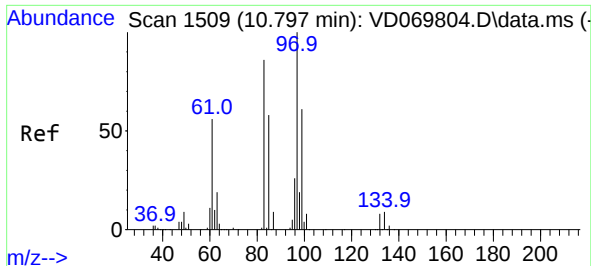
Tgt Ion: 75 Resp: 194856  
Ion Ratio Lower Upper  
75 100  
77 29.6 25.8 38.6



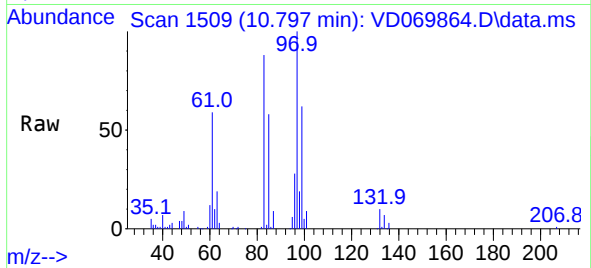
#54  
cis-1,3-Dichloropropene  
Concen: 20.567 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 75 Resp: 237989  
Ion Ratio Lower Upper  
75 100  
77 30.2 26.3 39.5  
39 38.4 31.0 46.6

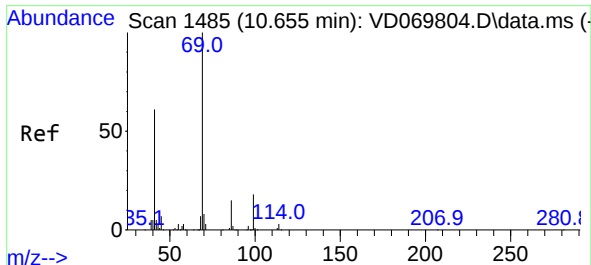
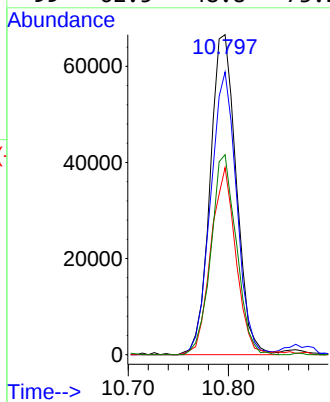
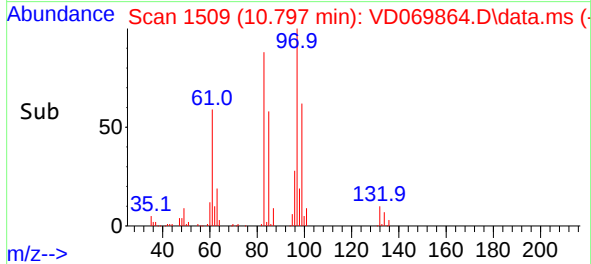




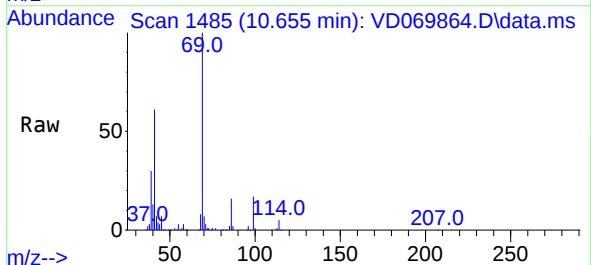
#55  
1,1,2-Trichloroethane  
Concen: 19.506 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



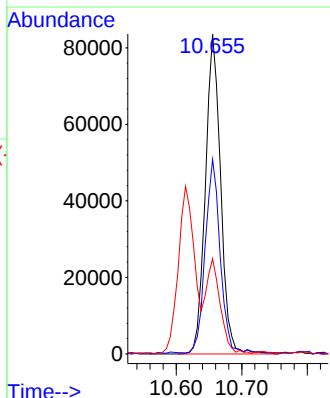
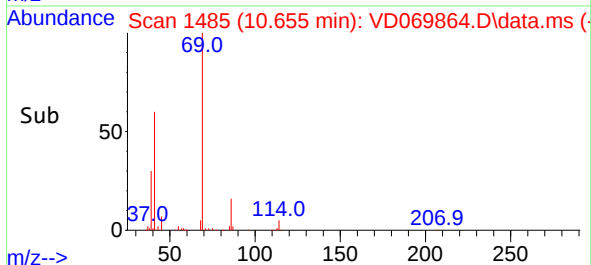
Tgt Ion: 97 Resp: 120752  
Ion Ratio Lower Upper  
97 100  
83 88.3 69.1 103.7  
85 58.5 46.2 69.2  
99 62.5 48.8 73.2



#56  
Ethyl methacrylate  
Concen: 20.208 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



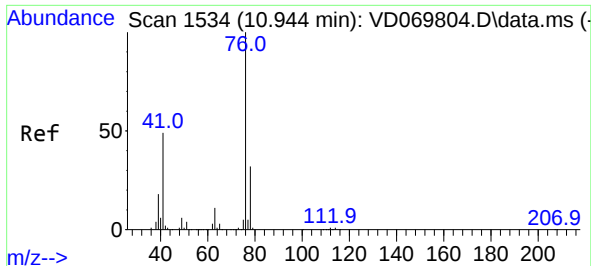
Tgt Ion: 69 Resp: 135399  
Ion Ratio Lower Upper  
69 100  
41 59.6 50.2 75.2  
39 27.6 22.0 33.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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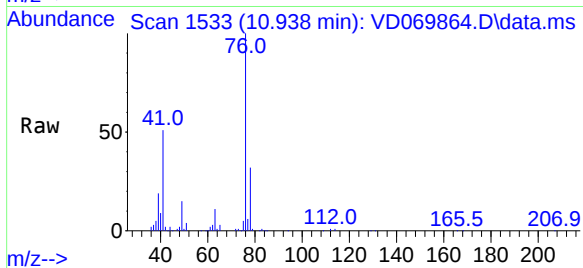


#57  
1,3-Dichloropropane  
Concen: 19.804 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

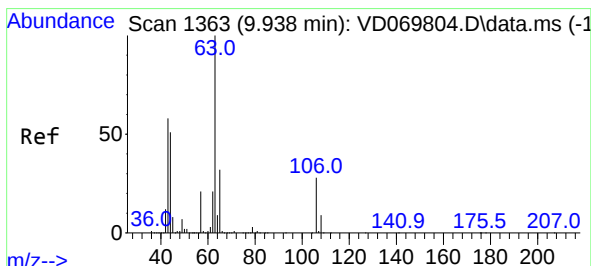
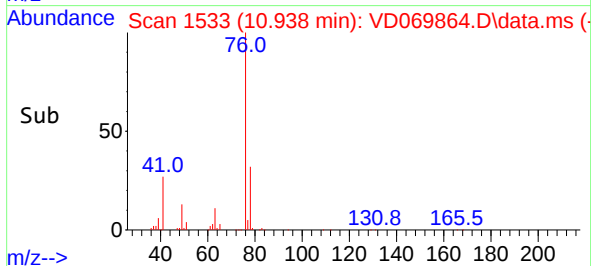
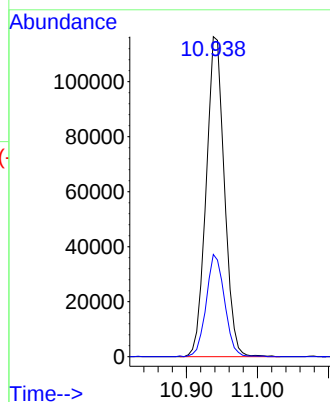
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

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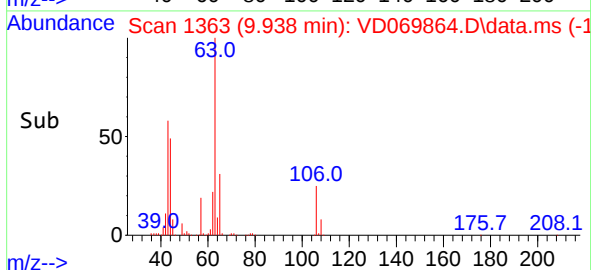
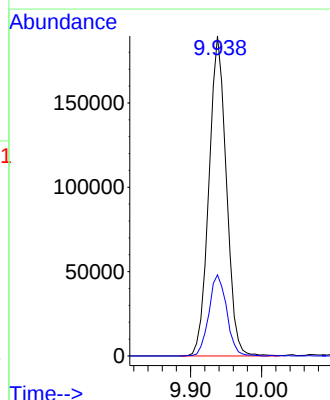
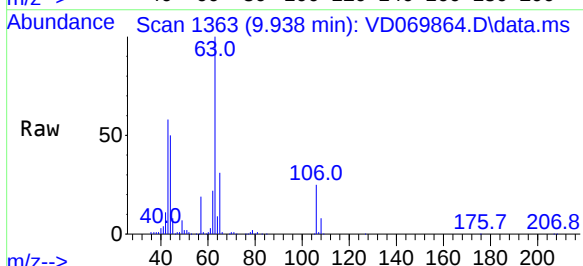


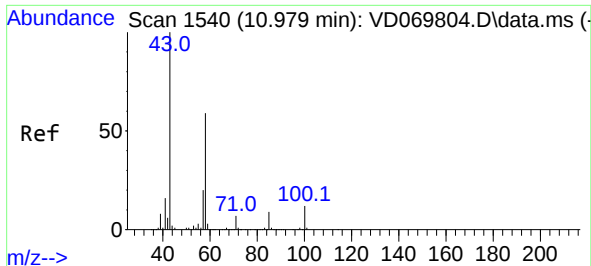
Tgt Ion: 76 Resp: 207446  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.2 39.2



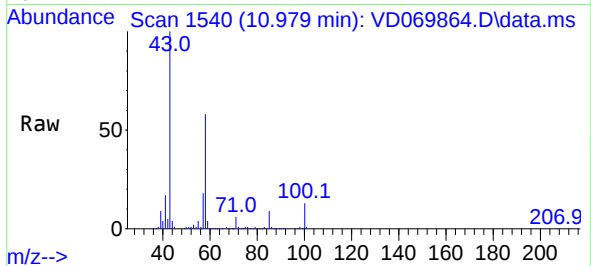
#58  
2-Chloroethyl Vinyl ether  
Concen: 109.016 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 63 Resp: 323758  
Ion Ratio Lower Upper  
63 100  
106 25.9 21.8 32.6

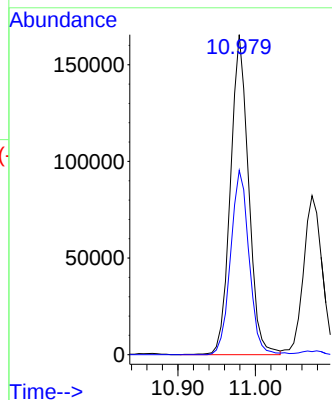
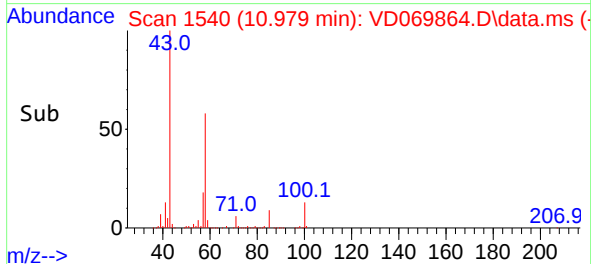




#59  
2-Hexanone  
Concen: 102.126 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



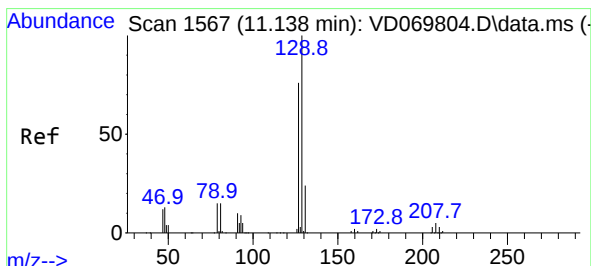
Tgt Ion: 43 Resp: 268915  
Ion Ratio Lower Upper  
43 100  
58 58.9 29.4 88.3



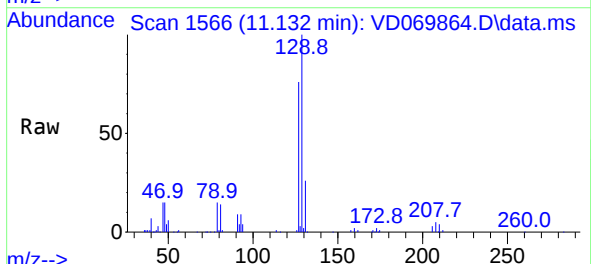
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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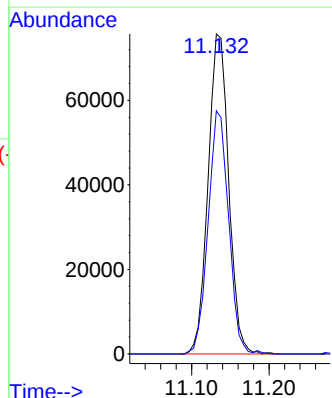
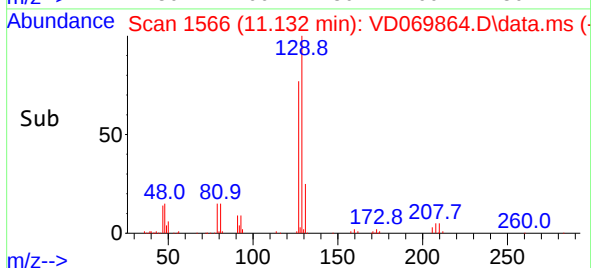
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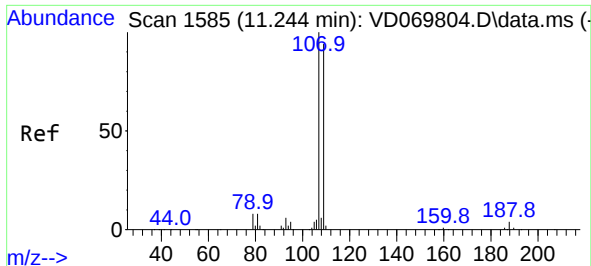


#60  
Dibromochloromethane  
Concen: 19.951 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



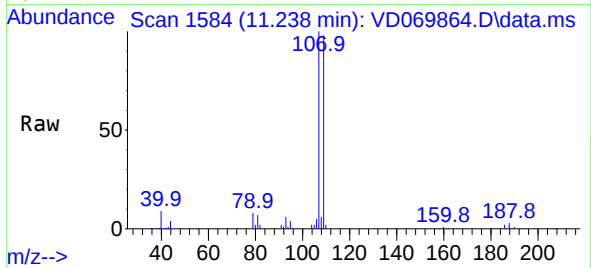
Tgt Ion: 129 Resp: 139871  
Ion Ratio Lower Upper  
129 100  
127 75.0 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 20.004 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

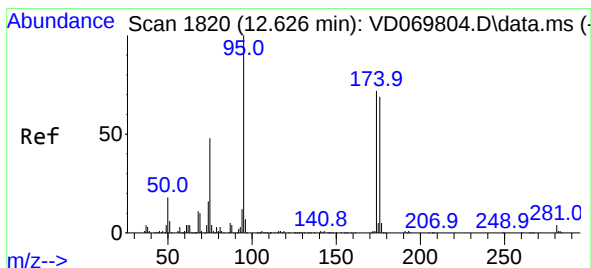
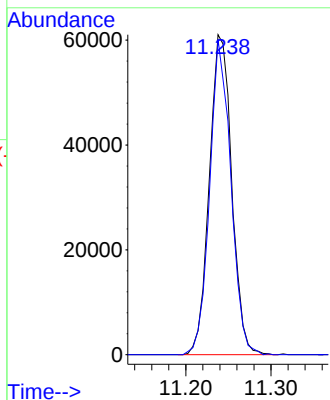
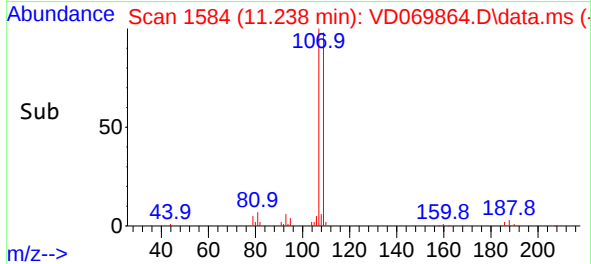
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



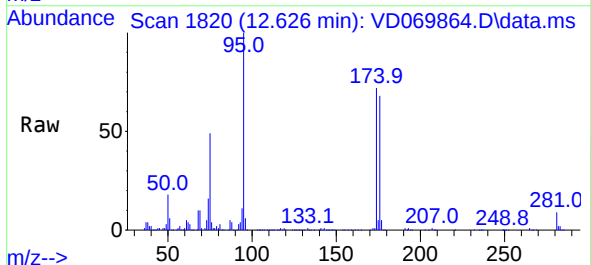
Tgt Ion:107 Resp: 111494  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.5 111.7

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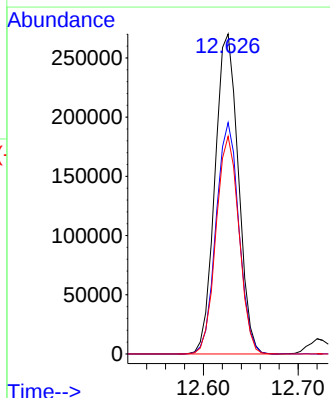
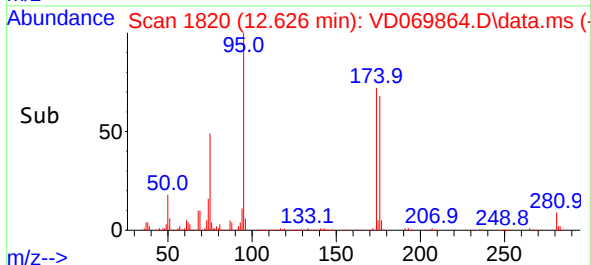
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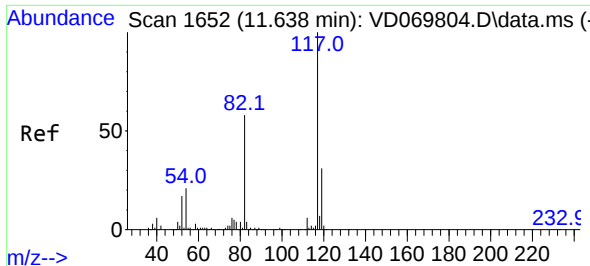


#62  
4-Bromofluorobenzene  
Concen: 52.483 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



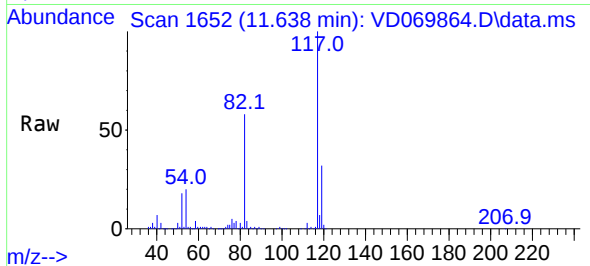
Tgt Ion: 95 Resp: 462907  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 142.6  
176 66.8 0.0 134.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

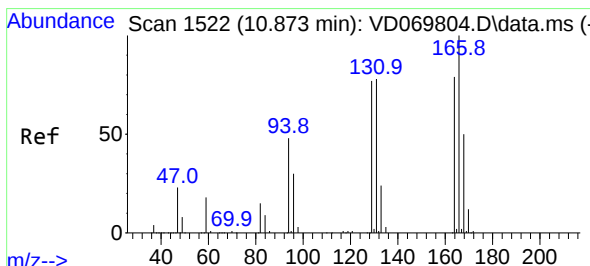
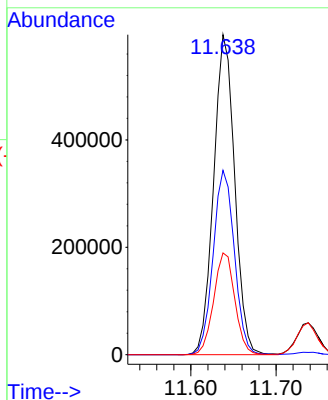
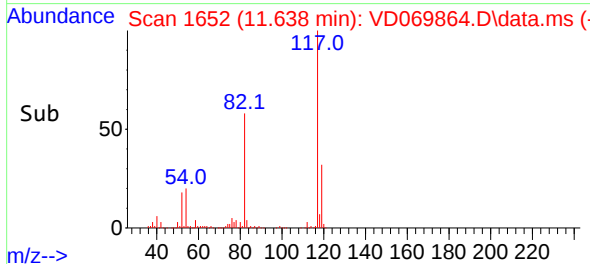
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



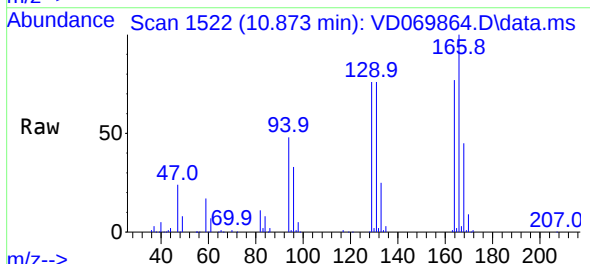
Tgt Ion:117 Resp: 1022489  
Ion Ratio Lower Upper  
117 100  
82 57.6 46.3 69.5  
119 31.8 24.7 37.1

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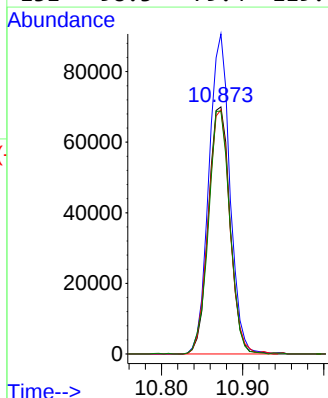
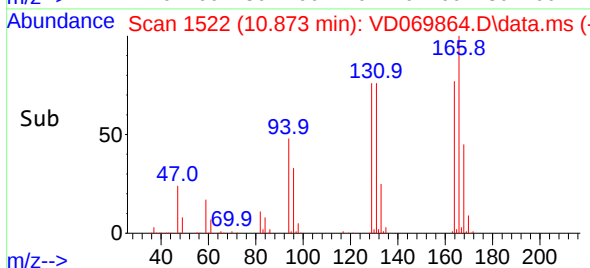
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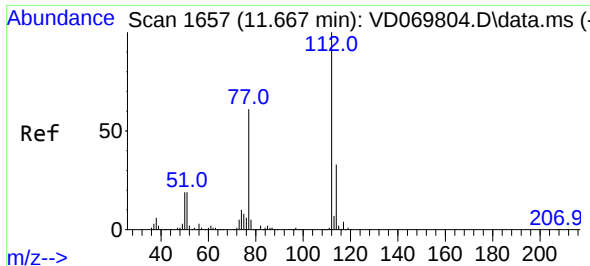


#64  
Tetrachloroethene  
Concen: 19.835 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



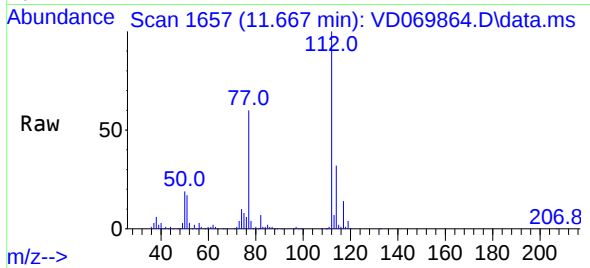
Tgt Ion:164 Resp: 129280  
Ion Ratio Lower Upper  
164 100  
166 129.5 101.8 152.8  
129 98.9 78.8 118.2  
131 98.3 79.4 119.0





#65  
Chlorobenzene  
Concen: 19.927 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

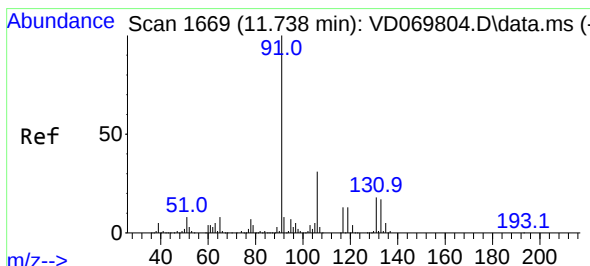
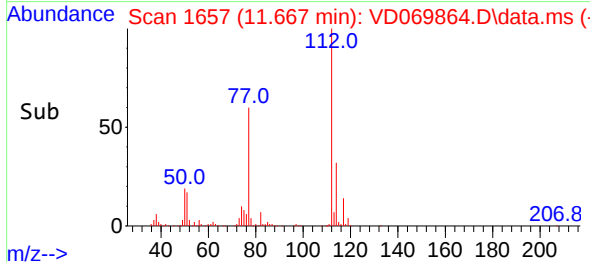
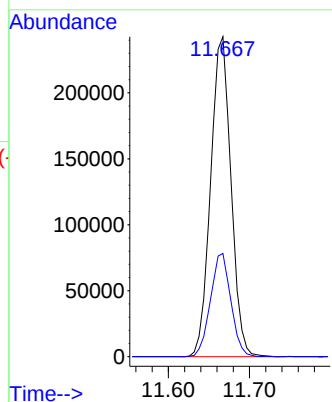
Instrument :  
MSVOA\_D  
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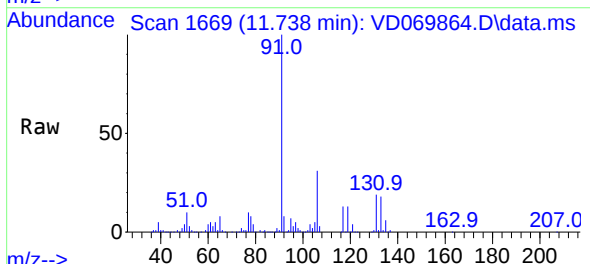
Tgt Ion:112 Resp: 422141  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.5 39.7

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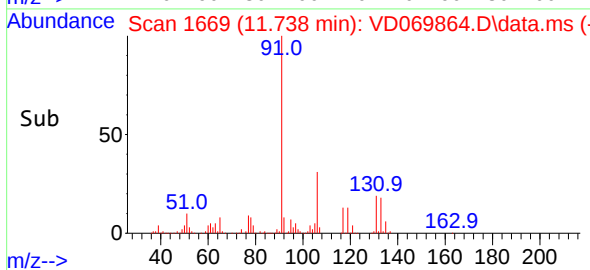
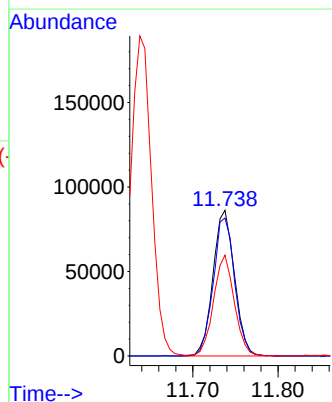
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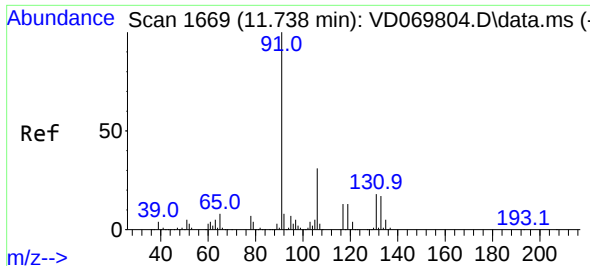


#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.792 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



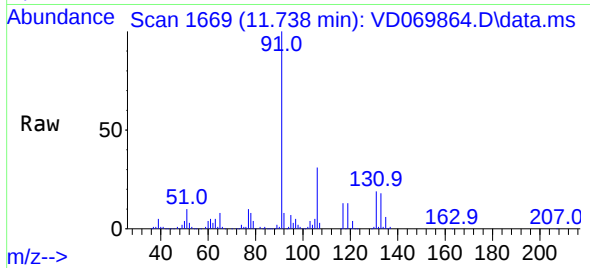
Tgt Ion:131 Resp: 150828  
Ion Ratio Lower Upper  
131 100  
133 94.8 46.4 139.1  
119 67.1 34.2 102.5





#67  
Ethyl Benzene  
Concen: 19.942 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

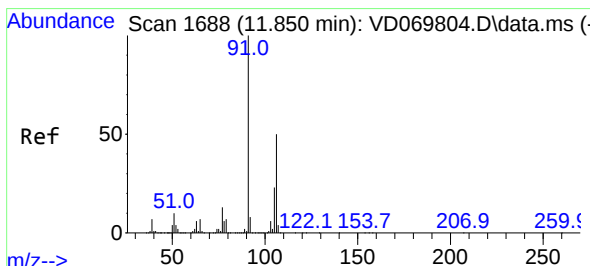
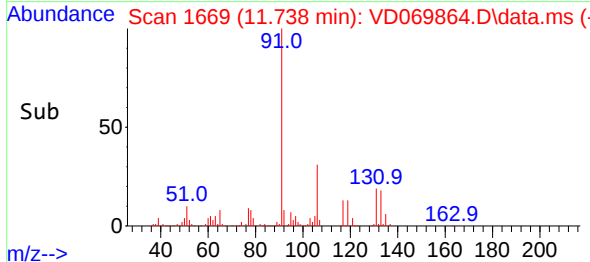
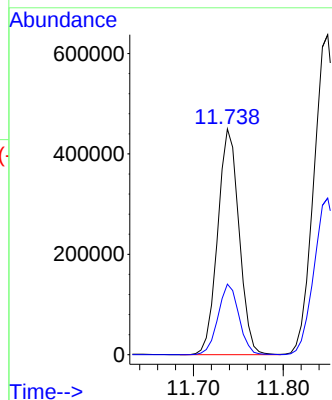
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01



Tgt Ion: 91 Resp: 743764  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.9 37.3

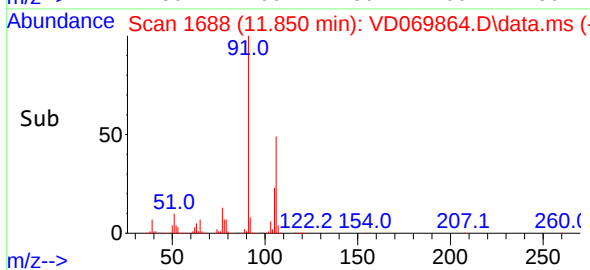
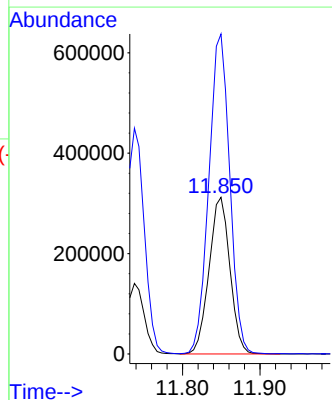
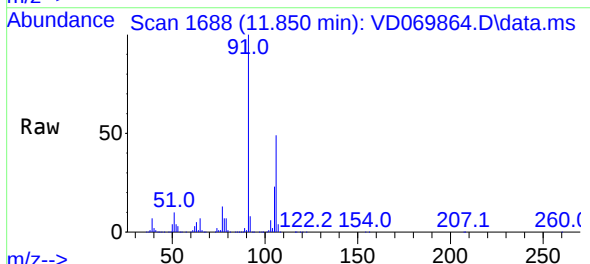
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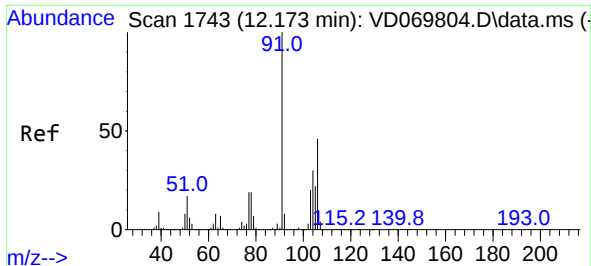
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#68  
m/p-Xylenes  
Concen: 40.336 ug/l  
RT: 11.850 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 106 Resp: 583179  
Ion Ratio Lower Upper  
106 100  
91 204.5 162.4 243.6





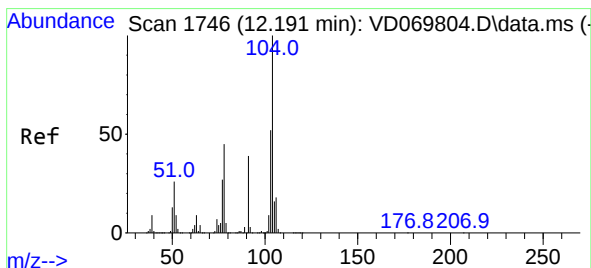
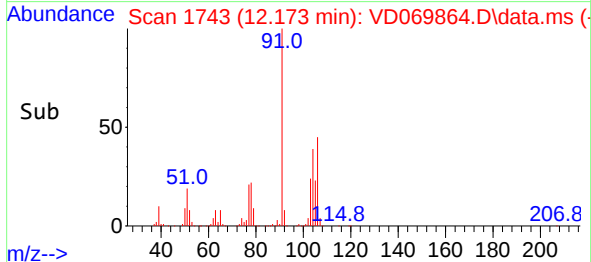
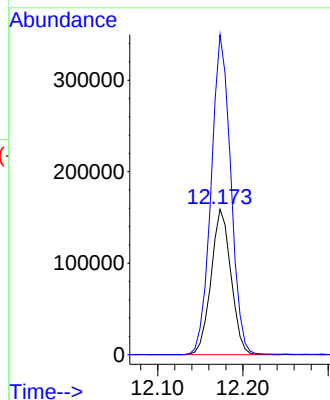
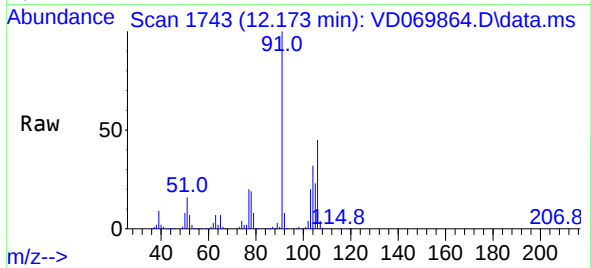
#69  
o-Xylene  
Concen: 19.604 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:106 Resp: 257671  
Ion Ratio Lower Upper  
106 100  
91 217.4 107.6 322.8

Instrument :  
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ClientSampleId :  
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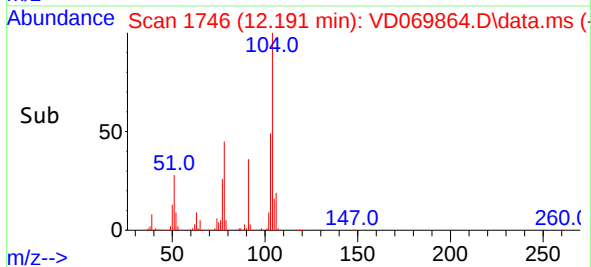
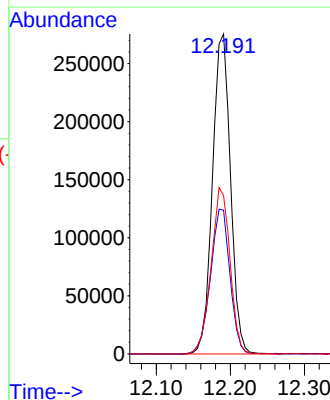
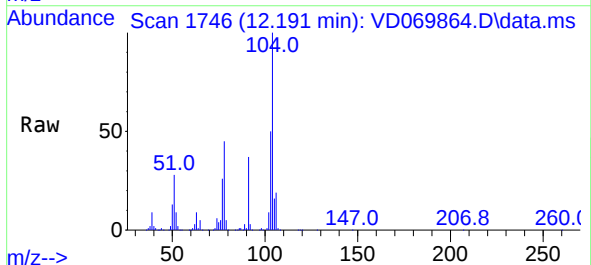
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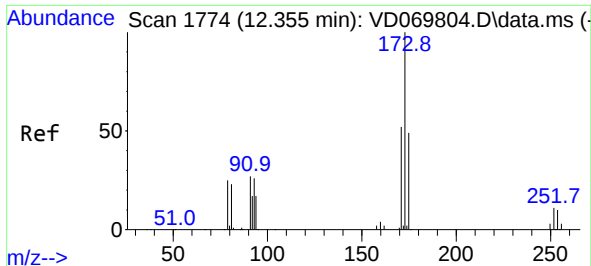
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#70  
Styrene  
Concen: 20.425 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:104 Resp: 465254  
Ion Ratio Lower Upper  
104 100  
78 49.0 39.7 59.5  
103 54.4 44.0 66.0





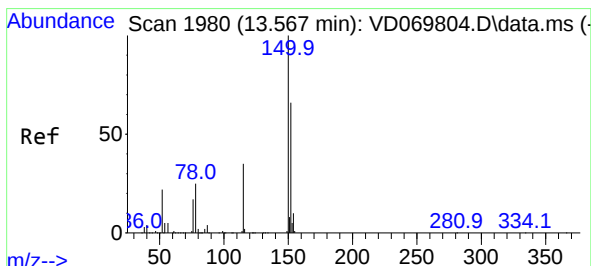
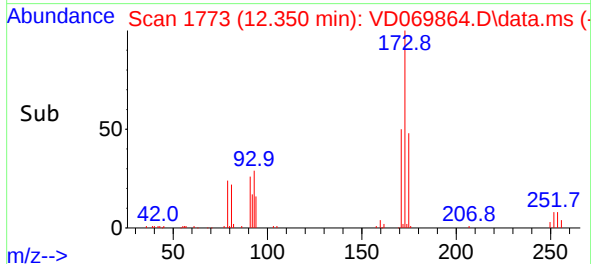
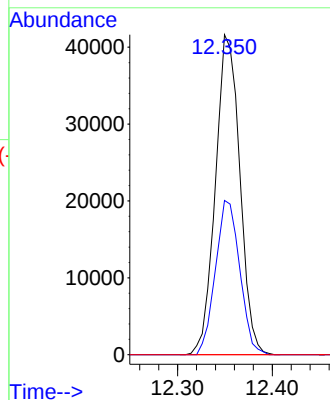
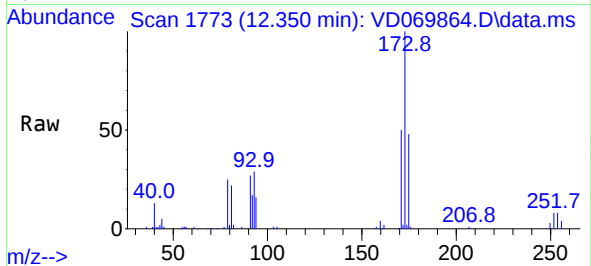
#71  
Bromoform  
Concen: 20.151 ug/l  
RT: 12.350 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:173 Resp: 74575  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.1 72.3  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

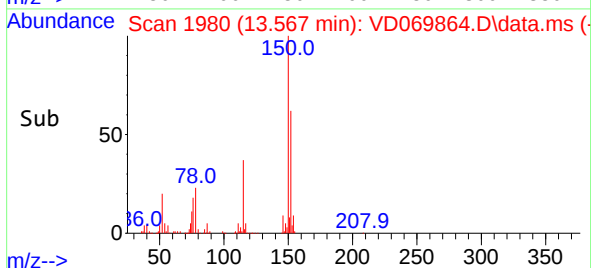
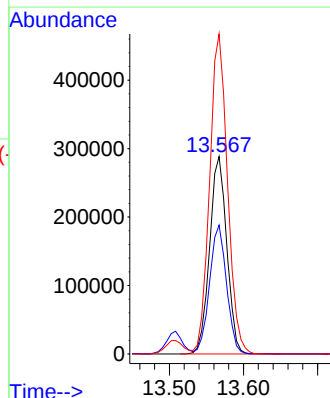
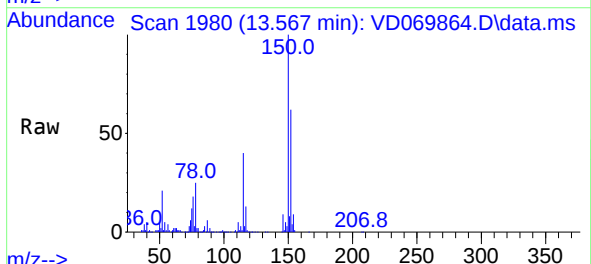
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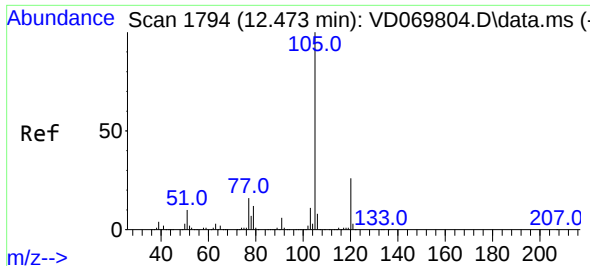
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

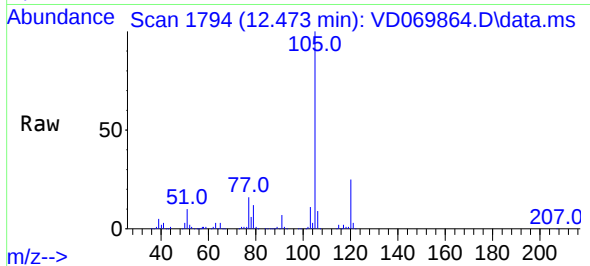
Tgt Ion:152 Resp: 463720  
Ion Ratio Lower Upper  
152 100  
115 64.7 31.1 93.3  
150 168.6 0.0 343.0





#73  
Isopropylbenzene  
Concen: 20.422 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

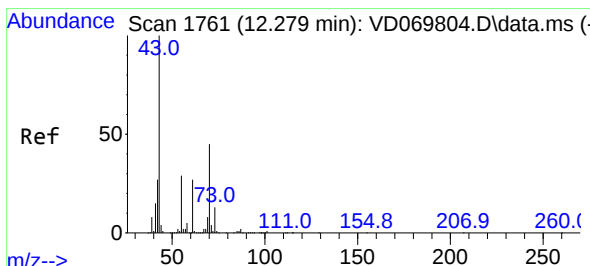
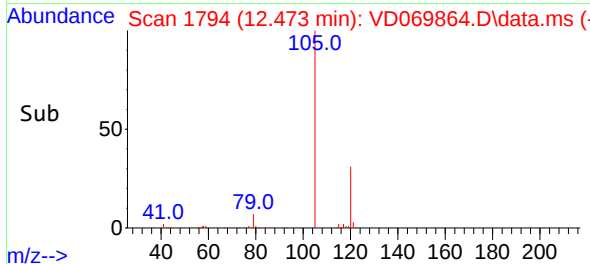
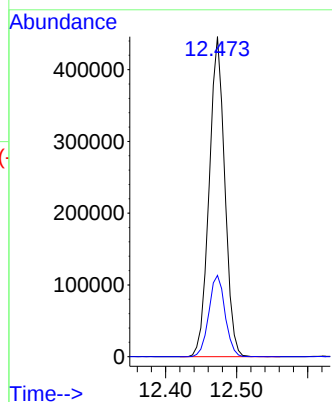
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



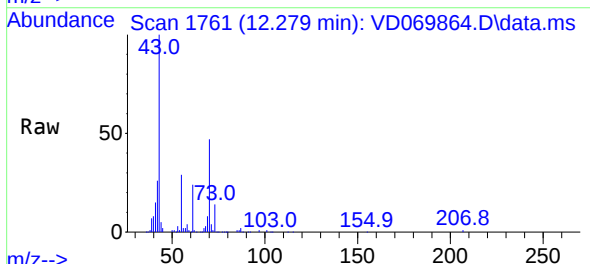
Tgt Ion:105 Resp: 680448  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.0 38.9

Manual Integrations  
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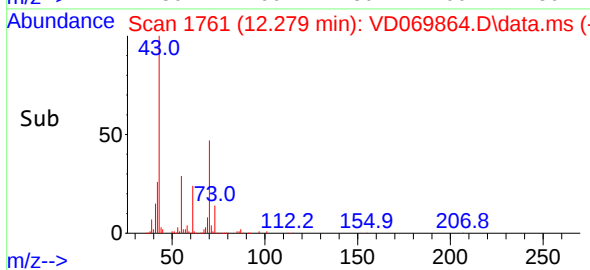
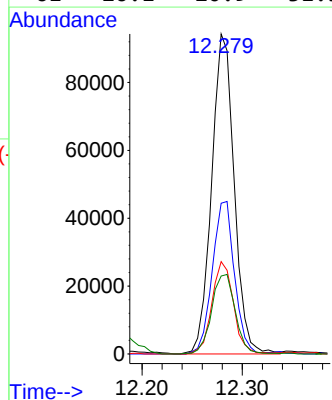
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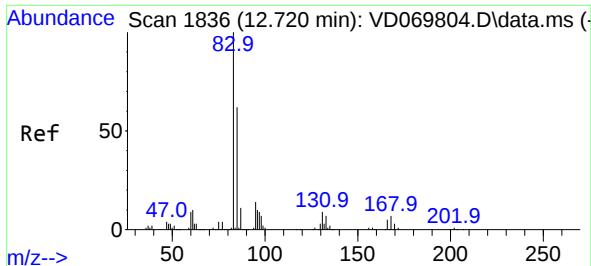


#74  
N-ethyl acetate  
Concen: 21.503 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



Tgt Ion: 43 Resp: 147371  
Ion Ratio Lower Upper  
43 100  
70 46.9 37.9 56.9  
55 27.7 23.7 35.5  
61 26.1 20.9 31.3





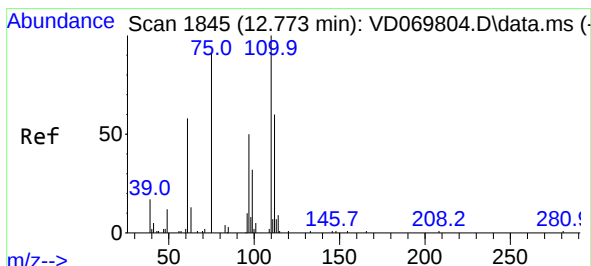
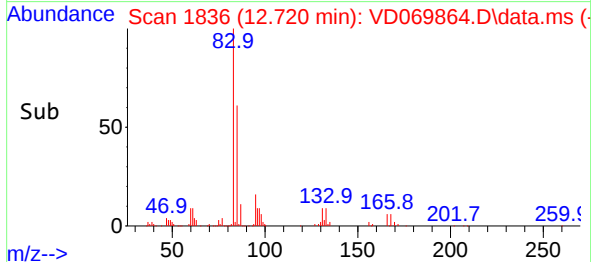
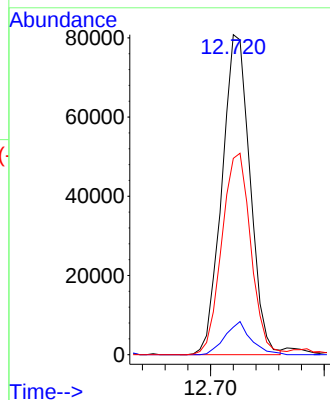
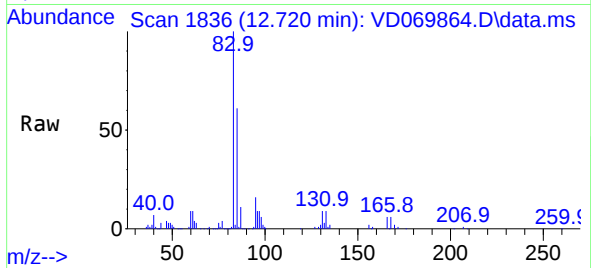
#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.829 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 83 Resp: 138597  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.9 14.6  
85 65.2 31.8 95.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

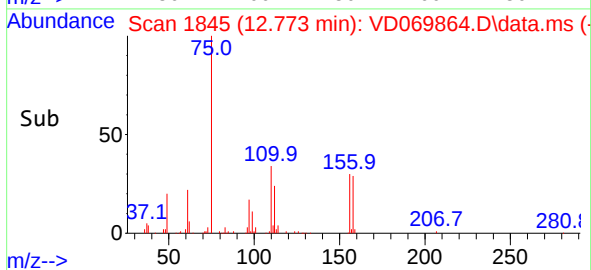
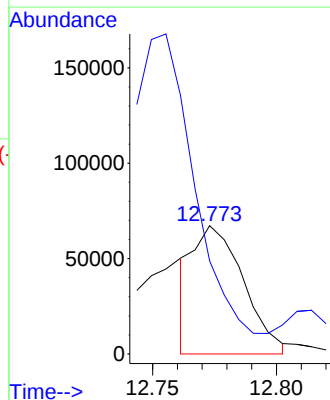
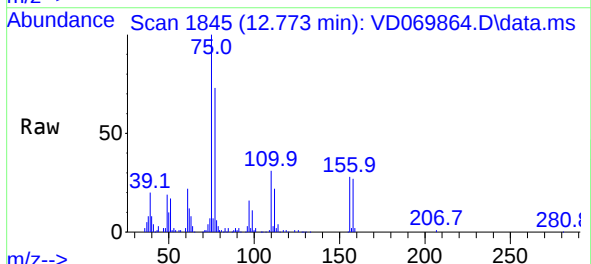
Manual Integrations  
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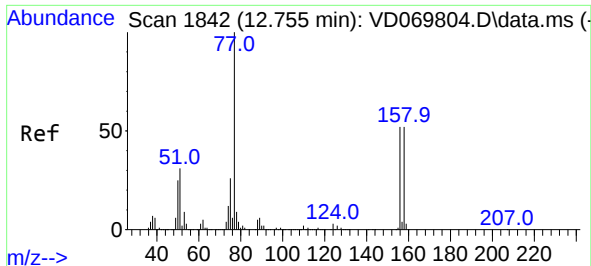
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#76  
1,2,3-Trichloropropane  
Concen: 19.292 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 75 Resp: 95089  
Ion Ratio Lower Upper  
75 100  
77 345.9 181.5 544.5





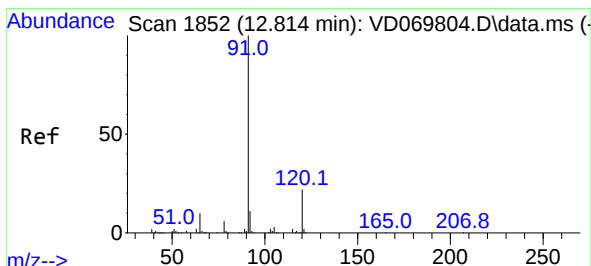
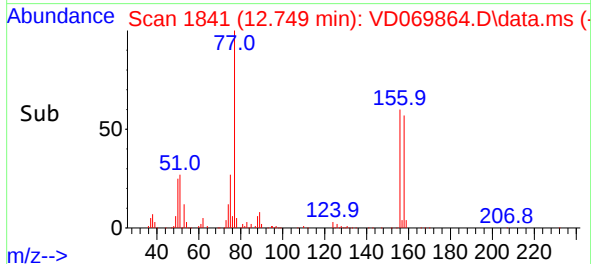
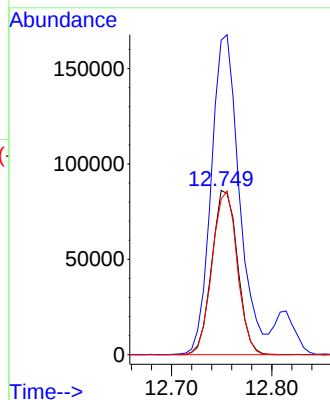
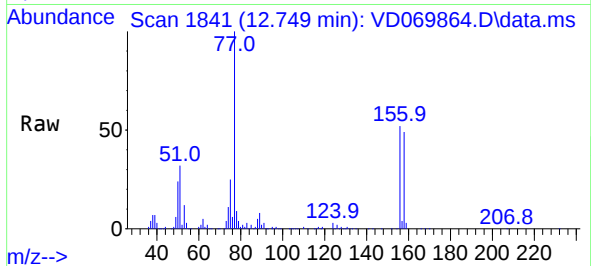
#77  
Bromobenzene  
Concen: 20.485 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:156 Resp: 153728  
Ion Ratio Lower Upper  
156 100  
77 214.0 107.1 321.3  
158 97.1 48.1 144.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

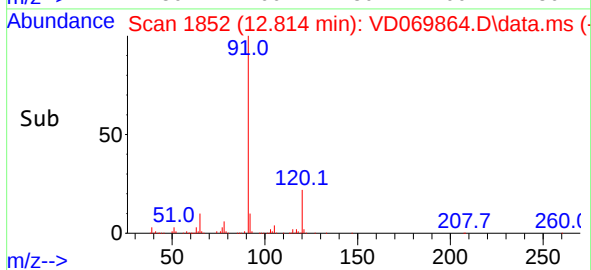
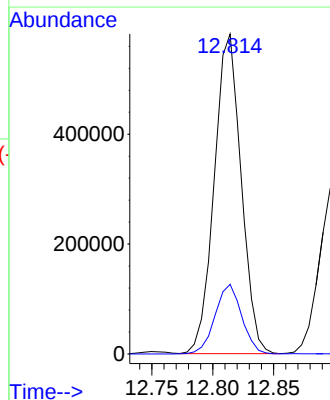
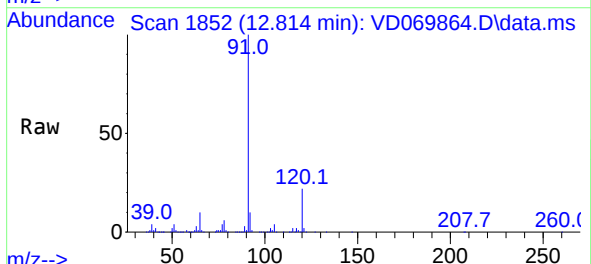
Manual Integrations  
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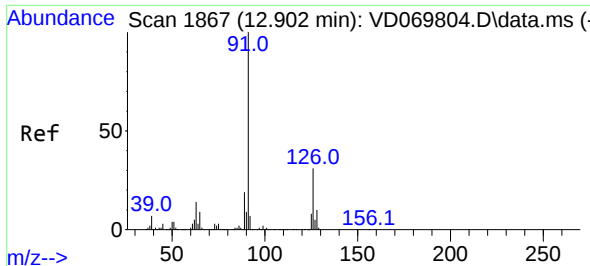
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#78  
n-propylbenzene  
Concen: 20.885 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 91 Resp: 893740  
Ion Ratio Lower Upper  
91 100  
120 21.6 10.9 32.7





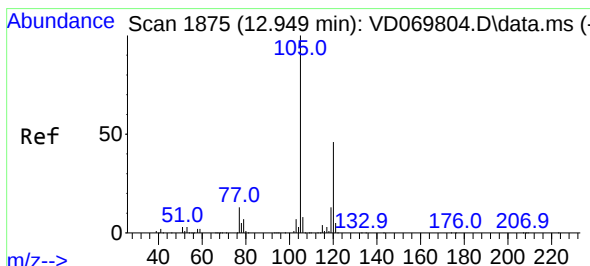
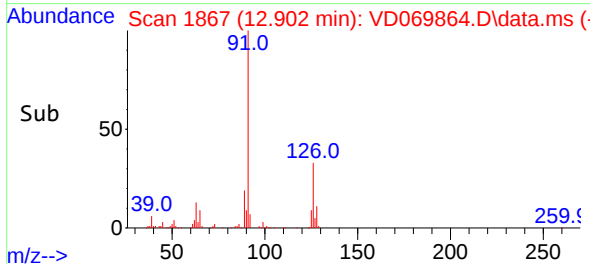
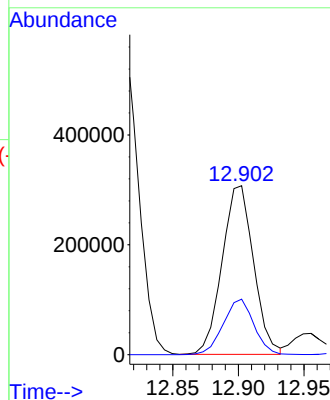
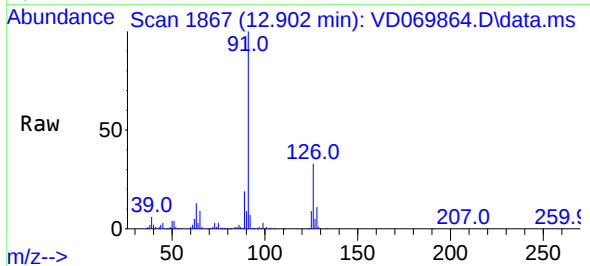
#79  
2-Chlorotoluene  
Concen: 20.632 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 91 Resp: 512860  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.9 47.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

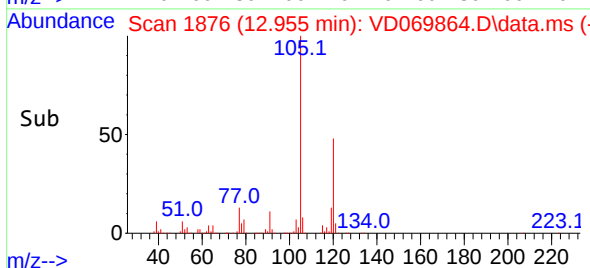
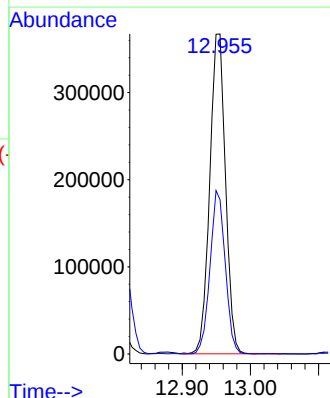
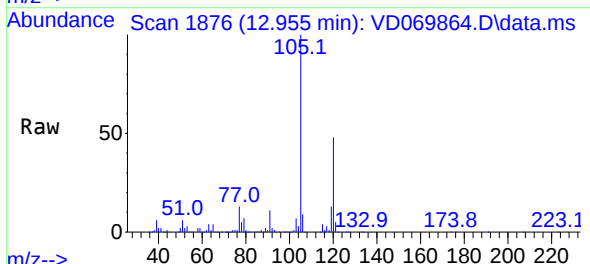
Manual Integrations  
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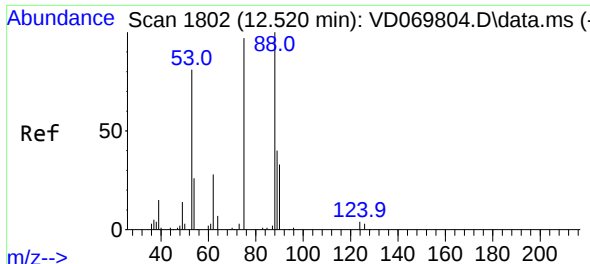
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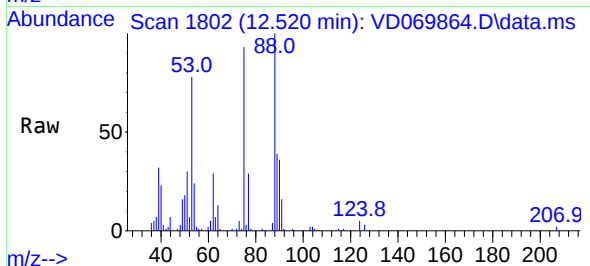
#80  
1,3,5-Trimethylbenzene  
Concen: 20.708 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion: 105 Resp: 590219  
Ion Ratio Lower Upper  
105 100  
120 49.2 23.8 71.2

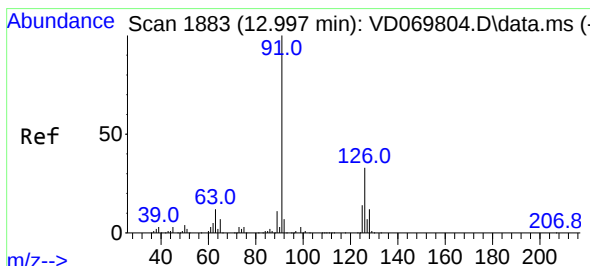
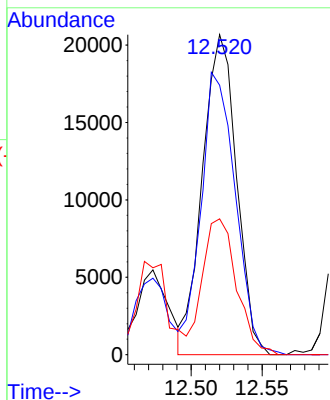
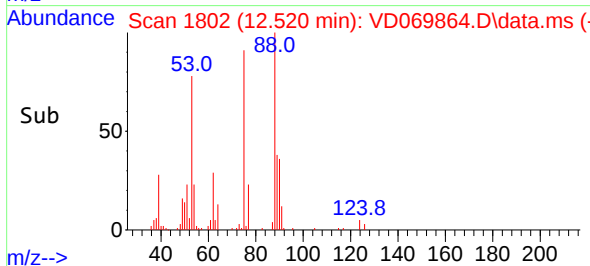




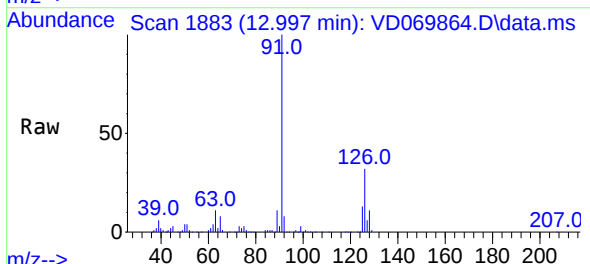
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.215 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



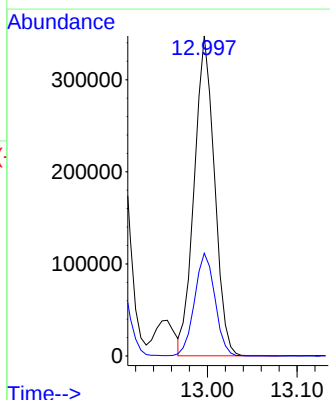
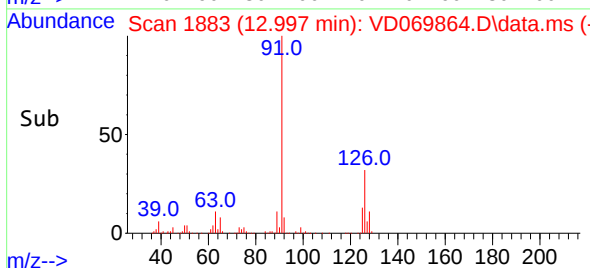
Tgt Ion: 75 Resp: 34468  
Ion Ratio Lower Upper  
75 100  
53 89.2 67.2 100.8  
89 42.5 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 20.881 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



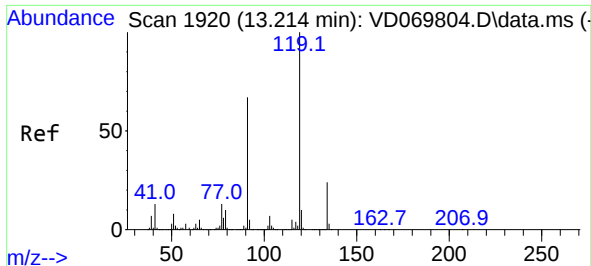
Tgt Ion: 91 Resp: 542644  
Ion Ratio Lower Upper  
91 100  
126 32.4 15.9 47.6



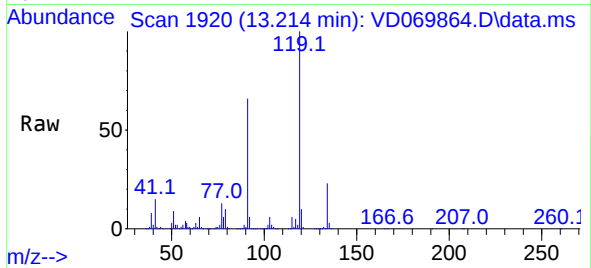
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBS01

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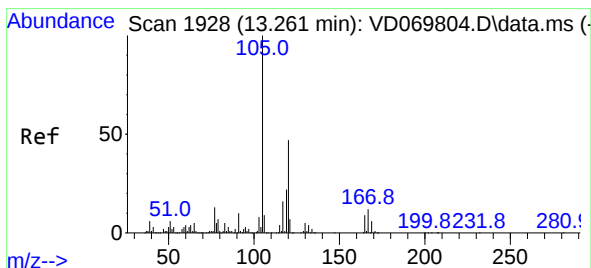
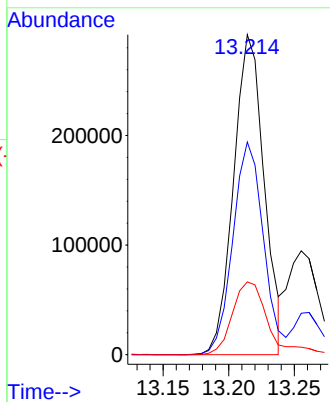
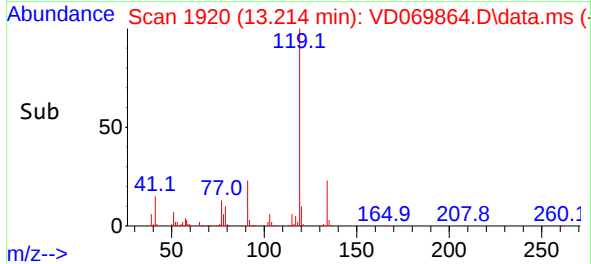
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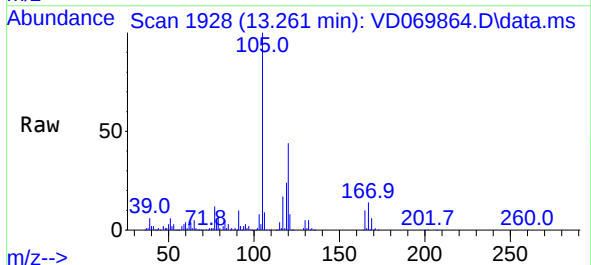
#83  
tert-Butylbenzene  
Concen: 20.425 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



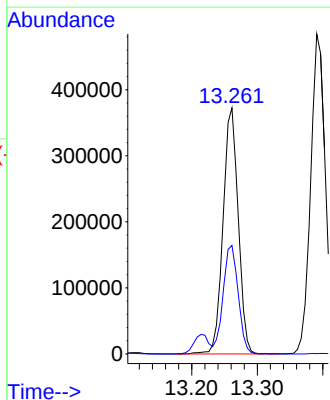
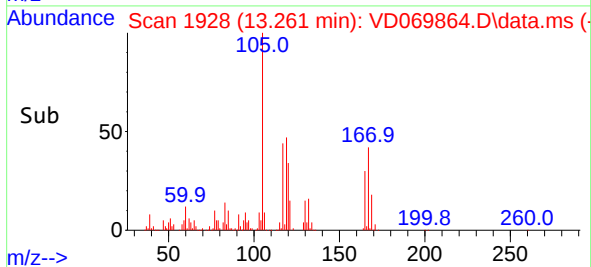
Tgt Ion:119 Resp: 473311  
Ion Ratio Lower Upper  
119 100  
91 66.8 33.7 101.1  
134 26.5 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 21.227 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



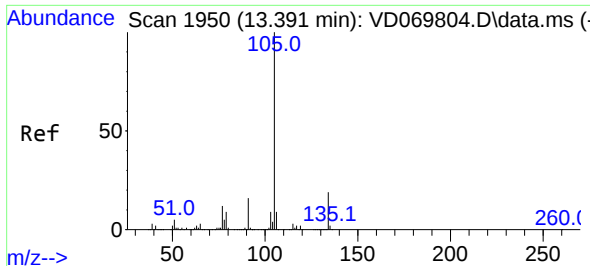
Tgt Ion:105 Resp: 596855  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.6 67.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

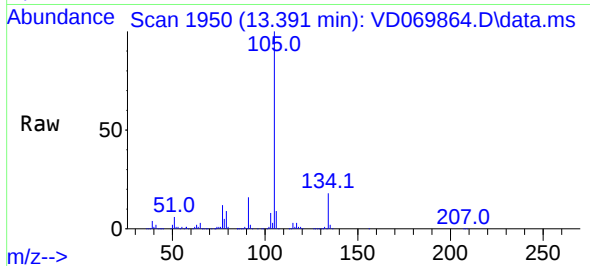
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#85  
sec-Butylbenzene  
Concen: 20.557 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

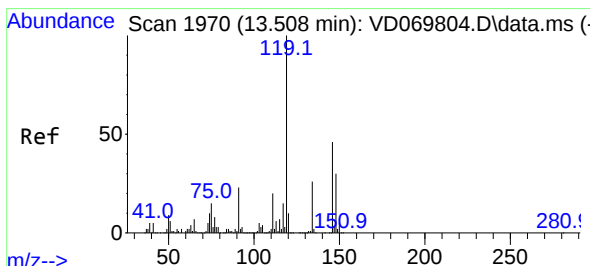
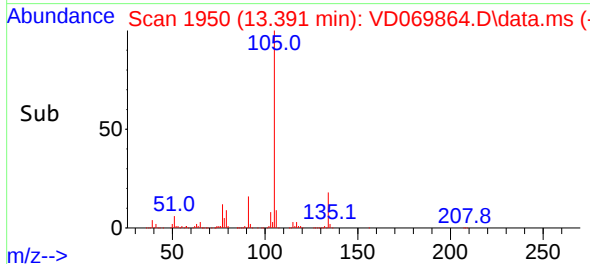
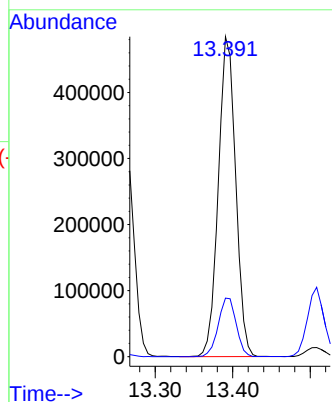
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



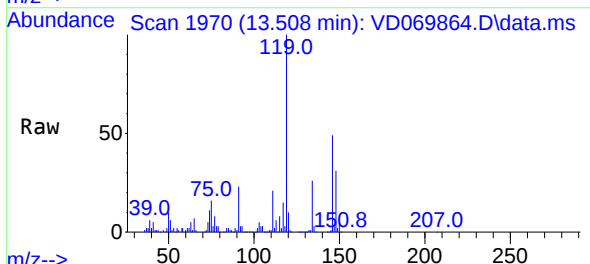
Tgt Ion:105 Resp: 753104  
Ion Ratio Lower Upper  
105 100  
134 18.9 9.6 28.6

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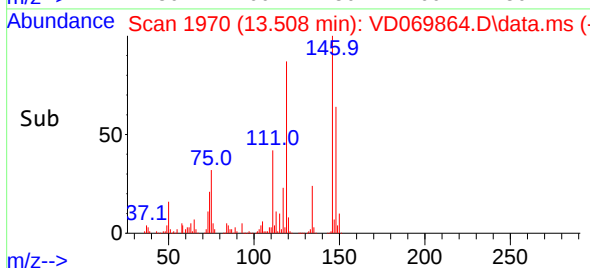
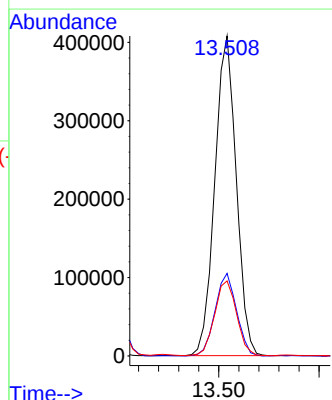
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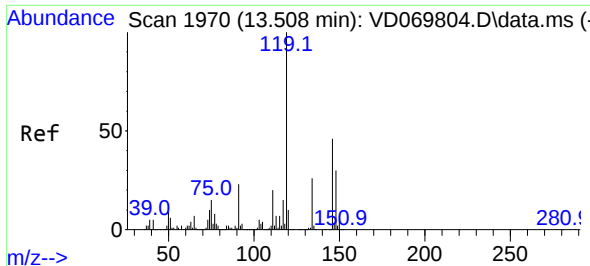


#86  
p-Isopropyltoluene  
Concen: 20.331 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02



Tgt Ion:119 Resp: 605086  
Ion Ratio Lower Upper  
119 100  
134 25.8 12.6 37.8  
91 24.0 11.7 35.1





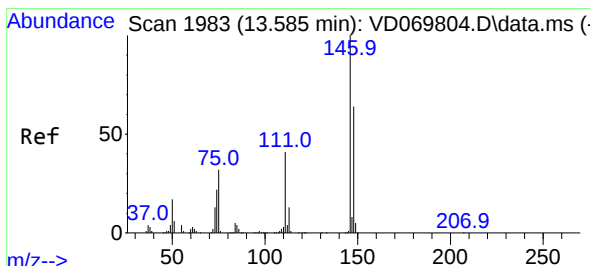
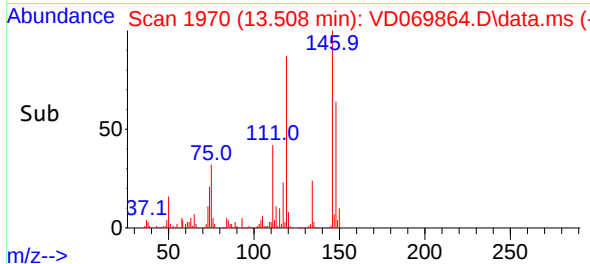
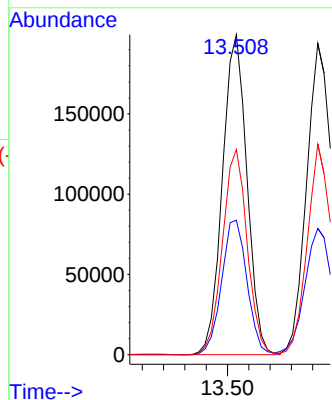
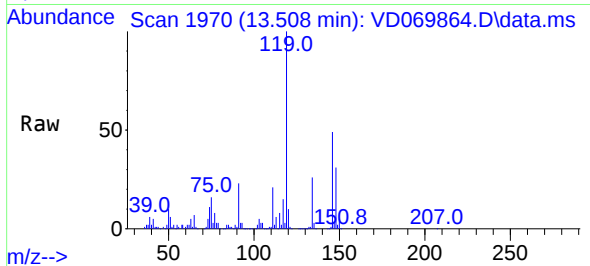
#87  
1,3-Dichlorobenzene  
Concen: 20.235 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:146 Resp: 318806  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.7 65.1  
148 64.5 32.1 96.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

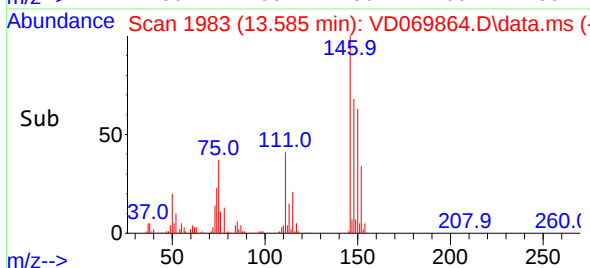
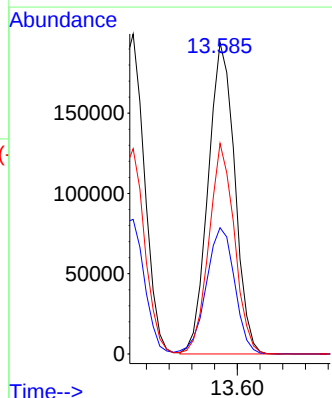
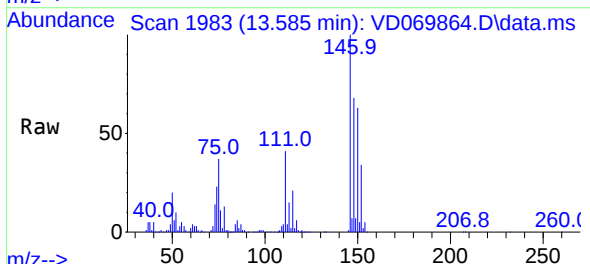
Manual Integrations  
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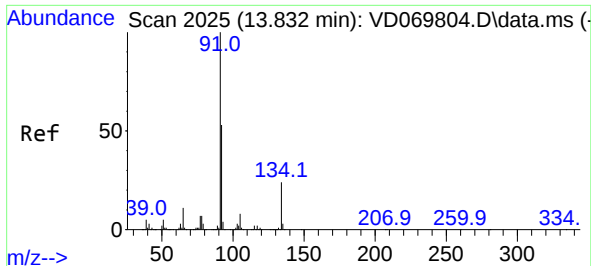
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#88  
1,4-Dichlorobenzene  
Concen: 20.136 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

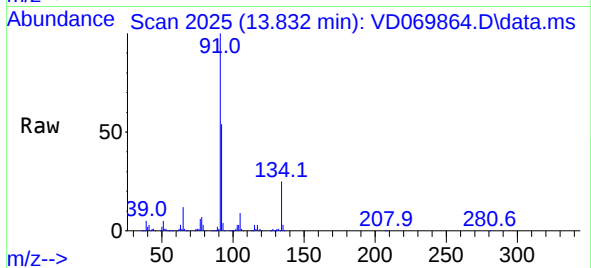
Tgt Ion:146 Resp: 316204  
Ion Ratio Lower Upper  
146 100  
111 43.3 20.8 62.4  
148 64.9 31.6 95.0





#89  
n-Butylbenzene  
Concen: 20.119 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

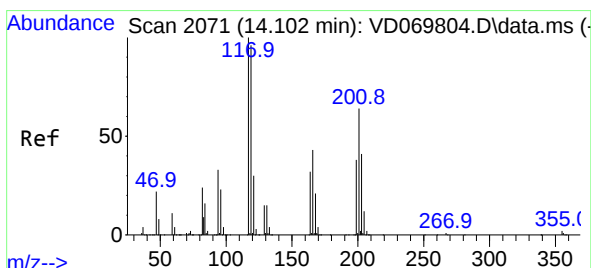
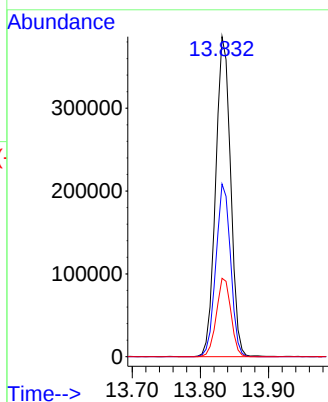
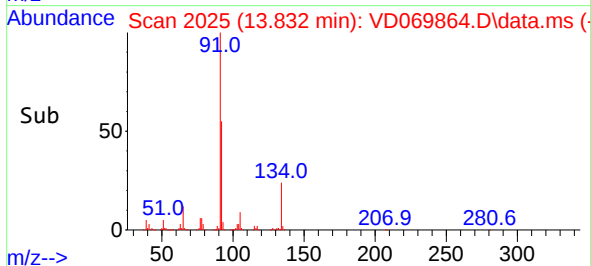
Instrument :  
MSVOA\_D  
ClientSampleId :  
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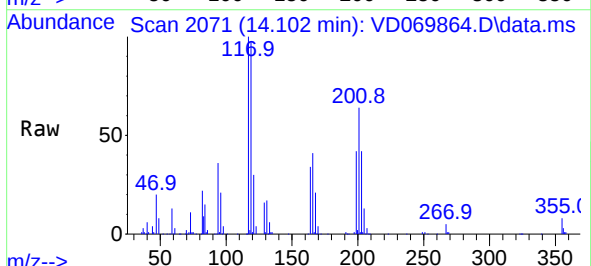
Tgt Ion: 91 Resp: 590935  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.6 79.7  
134 23.8 11.9 35.7

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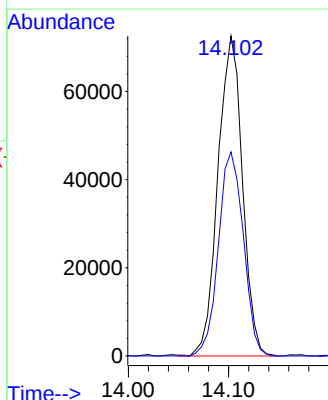
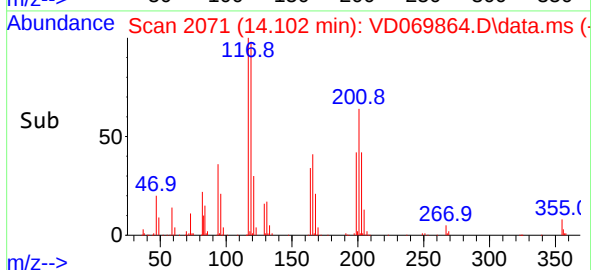
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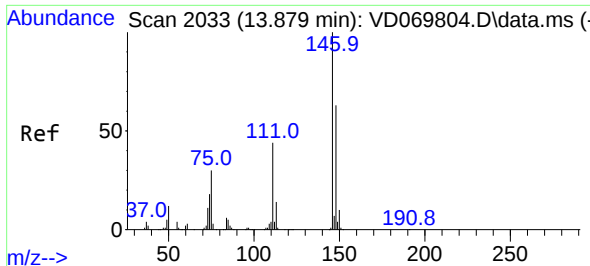


#90  
Hexachloroethane  
Concen: 19.541 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
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Tgt Ion: 117 Resp: 123195  
Ion Ratio Lower Upper  
117 100  
201 65.0 31.9 95.5





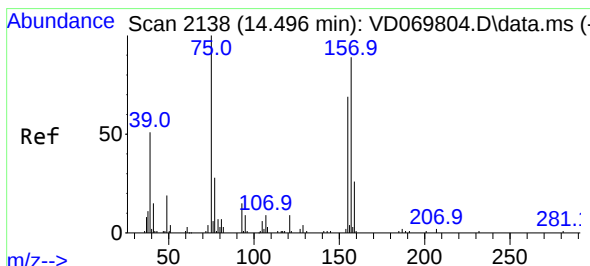
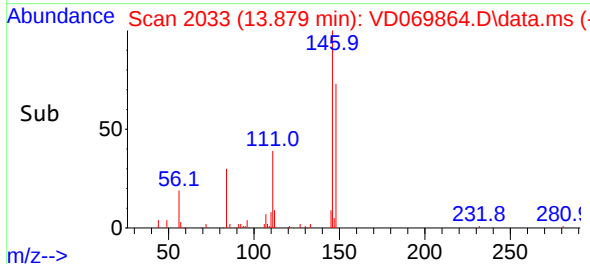
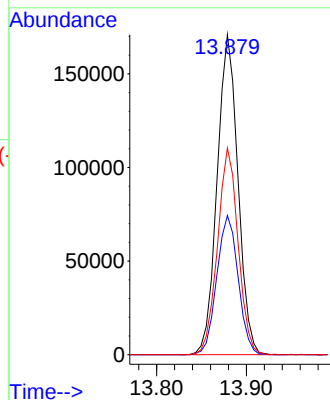
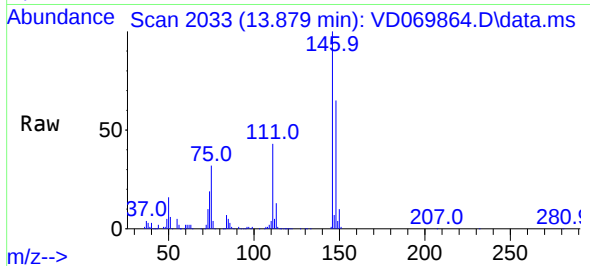
#91  
1,2-Dichlorobenzene  
Concen: 20.246 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

Tgt Ion:146 Resp: 275311  
Ion Ratio Lower Upper  
146 100  
111 44.6 21.7 65.1  
148 63.9 31.2 93.6

Instrument :  
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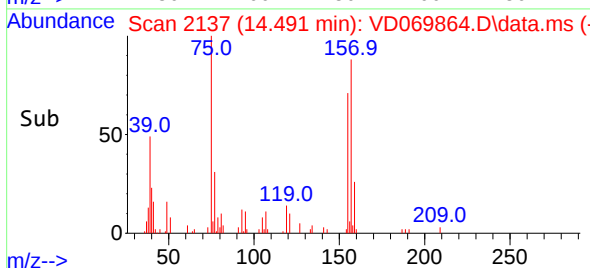
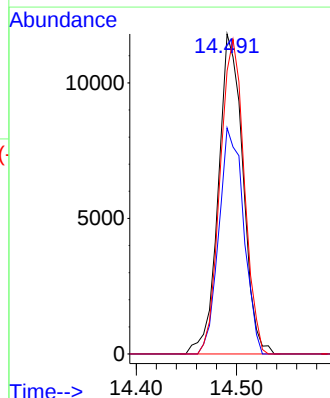
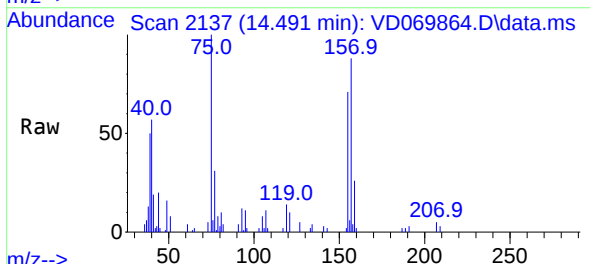
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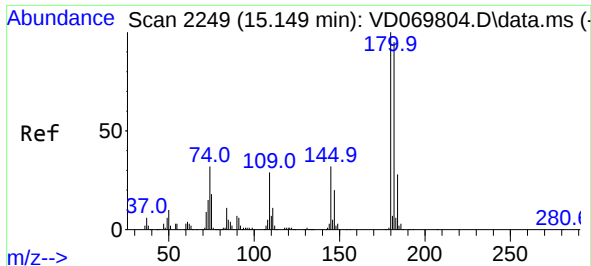
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.934 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. -0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

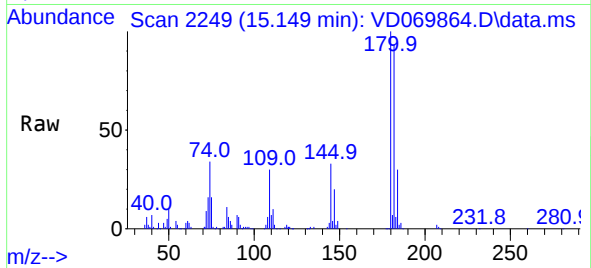
Tgt Ion: 75 Resp: 20058  
Ion Ratio Lower Upper  
75 100  
155 71.2 36.3 108.9  
157 96.7 47.0 141.0





#93  
1,2,4-Trichlorobenzene  
Concen: 20.534 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

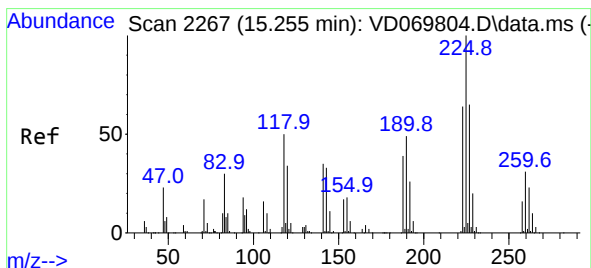
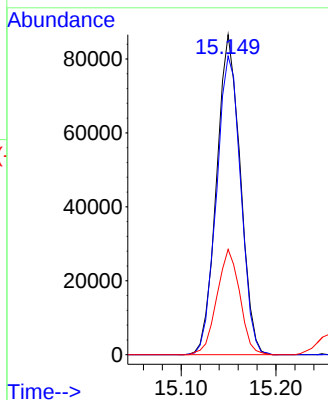
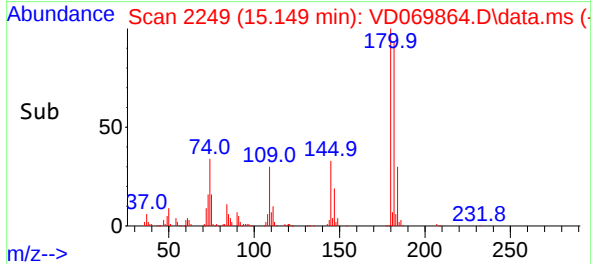
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01



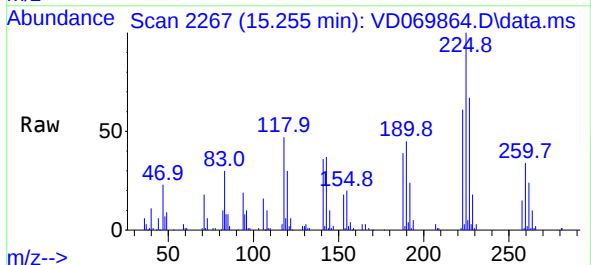
Tgt Ion:180 Resp: 150650  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.6 142.9  
145 31.8 16.4 49.2

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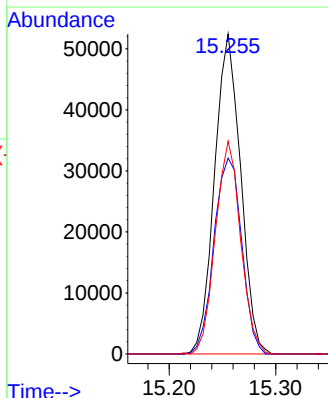
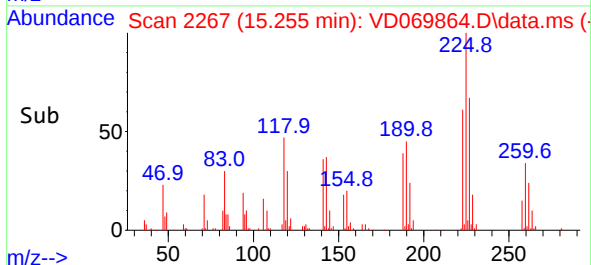
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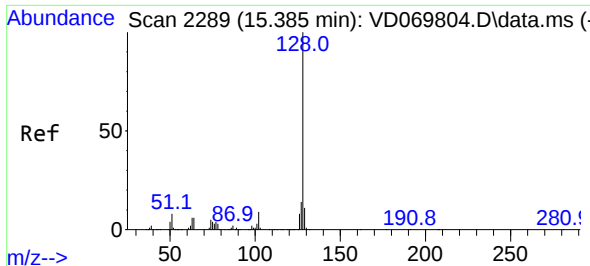


#94  
Hexachlorobutadiene  
Concen: 19.854 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: VD069864.D  
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Tgt Ion:225 Resp: 89104  
Ion Ratio Lower Upper  
225 100  
223 65.0 31.5 94.5  
227 64.5 31.9 95.7





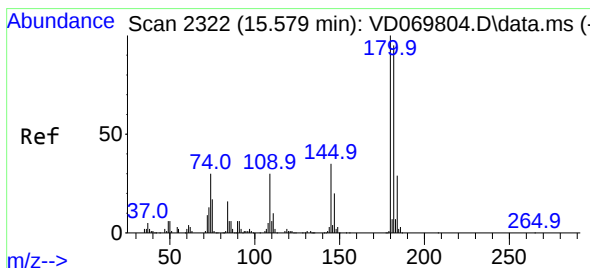
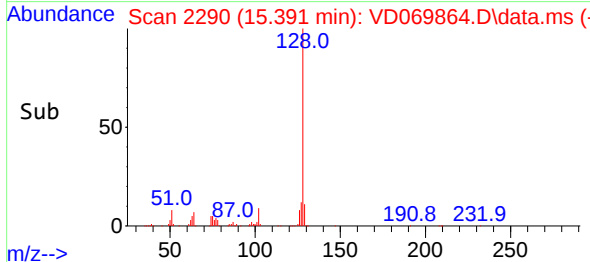
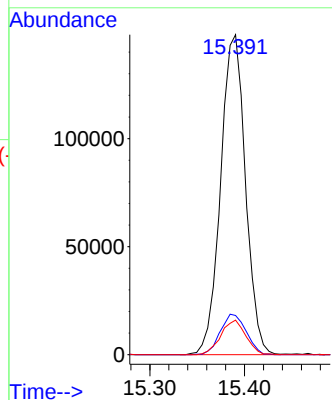
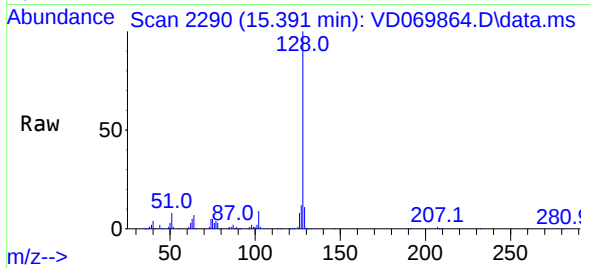
#95  
Naphthalene  
Concen: 21.032 ug/l  
RT: 15.391 min Scan# 2290  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 270007 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.2  | 10.6  | 16.0   |
| 129      | 10.9  | 8.6   | 12.8   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0727SBSD01

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#96  
1,2,3-Trichlorobenzene  
Concen: 20.900 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. 0.006 min  
Lab File: VD069864.D  
Acq: 27 Jul 2021 14:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 132607 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.0  | 47.3  | 142.0  |
| 145      | 34.3  | 17.3  | 51.9   |

