

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092921\  
 Data File : VD070518.D  
 Acq On : 29 Sep 2021 12:59  
 Operator : VA/SY  
 Sample : VD0929SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0929SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/30/2021 6:19:50 PM

Quant Time: Sep 30 00:43:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 374784     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 660757     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.637         | 117  | 620280     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 286126     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 201424     | 41.856  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 83.720% |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 213449     | 45.382  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 90.760% |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 819711     | 48.002  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 96.000% |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 278042     | 46.588  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 93.180% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985          | 85   | 82531      | 19.292  | ug/l   | 92       |
| 3) Chloromethane             | 2.209          | 50   | 105409     | 18.219  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 118449     | 20.087  | ug/l   | 99       |
| 5) Bromomethane              | 2.756          | 94   | 80525      | 19.292  | ug/l   | 98       |
| 6) Chloroethane              | 2.914          | 64   | 76231      | 19.128  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 159372     | 20.434  | ug/l   | 97       |
| 8) Diethyl Ether             | 3.714          | 74   | 39629      | 18.380  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 99285      | 20.493  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.303          | 142  | 81546      | 18.249  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.226          | 59   | 20047      | 36.843  | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 87788      | 20.120  | ug/l   | 93       |
| 13) Acrolein                 | 3.932          | 56   | 12710      | 53.129  | ug/l   | 100      |
| 14) Allyl chloride           | 4.708          | 41   | 117218     | 18.282  | ug/l   | 100      |
| 15) Acrylonitrile            | 5.426          | 53   | 88617      | 86.263  | ug/l   | 99       |
| 16) Acetone                  | 4.161          | 43   | 71128      | 82.787  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.408          | 76   | 287889     | 17.883  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.714          | 43   | 44395      | 17.854  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 169423     | 17.968  | ug/l   | 97       |
| 20) Methylene Chloride       | 4.967          | 84   | 112214     | 16.024  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 99424      | 19.142  | ug/l   | 99       |
| 22) Diisopropyl ether        | 6.361          | 45   | 255833     | 18.642  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.308          | 43   | 538587     | 84.716  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 181902     | 18.733  | ug/l   | 97       |
| 25) 2-Butanone               | 7.208          | 43   | 92097      | 80.526  | ug/l   | 91       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 154809     | 19.724  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 107773     | 19.316  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.549          | 49   | 61228      | 15.892  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.561          | 42   | 59597      | 81.176  | ug/l   | 98       |
| 30) Chloroform               | 7.708          | 83   | 189633     | 19.050  | ug/l   | 97       |
| 31) Cyclohexane              | 7.985          | 56   | 158276     | 19.093  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.902          | 97   | 162912     | 19.443  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 139362     | 19.732  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291          | 43   | 42403      | 16.056  | ug/l # | 97       |
| 38) Carbon Tetrachloride     | 8.096          | 117  | 147810     | 21.161  | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.349          | 83   | 158333     | 20.067  | ug/l   | 97       |
| 40) Benzene                  | 8.349          | 78   | 409300     | 19.776  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092921\  
 Data File : VD070518.D  
 Acq On : 29 Sep 2021 12:59  
 Operator : VA/SY  
 Sample : VD0929SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0929SBS01

Manual Integrations  
 APPROVED

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 9/30/2021 6:19:50 PM

Quant Time: Sep 30 00:43:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 25940    | 18.668  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 104135   | 18.786  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 83345    | 17.068  | ug/l   | 99       |
| 44) Trichloroethene           | 9.114  | 130  | 99469    | 20.109  | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 105989   | 19.519  | ug/l   | 93       |
| 46) Dibromomethane            | 9.473  | 93   | 52370    | 18.729  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 138842   | 19.463  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.455  | 41   | 36620    | 16.242  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 11364    | 405.756 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 218123   | 86.323  | ug/l   | 97       |
| 52) Toluene                   | 10.402 | 92   | 260746   | 20.850  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 120295   | 19.603  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 150181   | 20.110  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 74058    | 19.252  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 77268    | 18.400  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.937 | 76   | 122140   | 18.650  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 193322   | 95.516  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.979 | 43   | 146930   | 87.152  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.132 | 129  | 86394    | 19.299  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 65697    | 18.571  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 81487    | 21.577  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.667 | 112  | 259820   | 20.220  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.737 | 131  | 98069    | 20.838  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.737 | 91   | 459401   | 20.730  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 368882   | 43.098  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 160091   | 20.878  | ug/l   | 97       |
| 70) Styrene                   | 12.184 | 104  | 282547   | 21.094  | ug/l   | 98       |
| 71) Bromoform                 | 12.355 | 173  | 43557    | 18.726  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.473 | 105  | 431440   | 21.501  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 79891    | 18.273  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 80882    | 18.820  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 64126m   | 22.157  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 96252    | 20.791  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 564855   | 21.689  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 327452   | 21.571  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 378805   | 21.874  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 23230    | 20.111  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 344886   | 21.536  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 302788   | 21.801  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 371699   | 21.796  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 485797   | 22.004  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 392970   | 22.154  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 200192   | 20.771  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 195137   | 20.171  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.831 | 91   | 367991   | 20.807  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.102 | 117  | 79741    | 19.638  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 170863   | 20.092  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 10463    | 16.256  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 92849    | 20.219  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 57456    | 20.398  | ug/l   | 96       |
| 95) Naphthalene               | 15.384 | 128  | 152076   | 18.222  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.578 | 180  | 79435    | 19.605  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092921\  
Data File : VD070518.D  
Acq On : 29 Sep 2021 12:59  
Operator : VA/SY  
Sample : VD0929SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

Manual Integrations  
APPROVED

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9/30/2021 6:19:50 PM

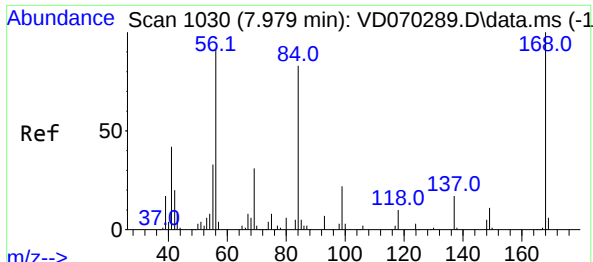
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

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

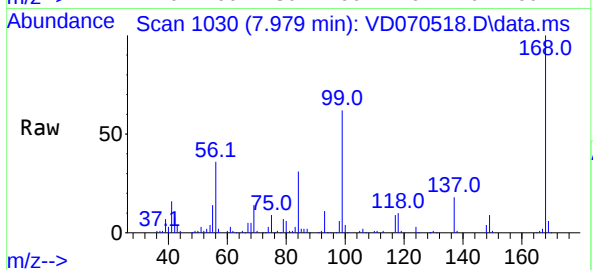
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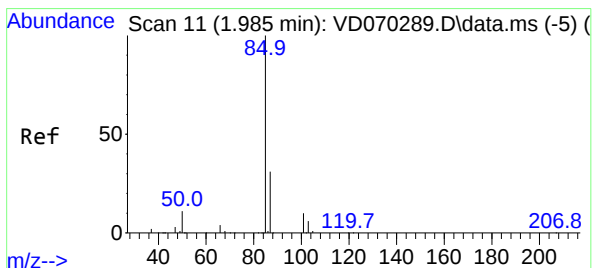
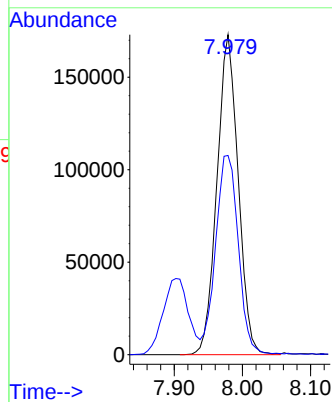
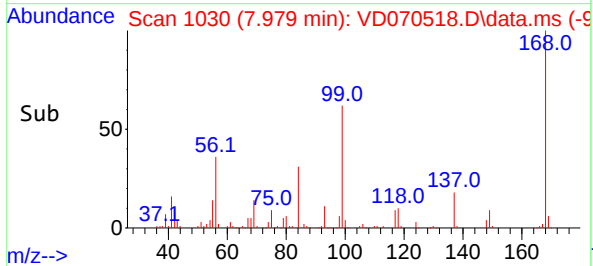




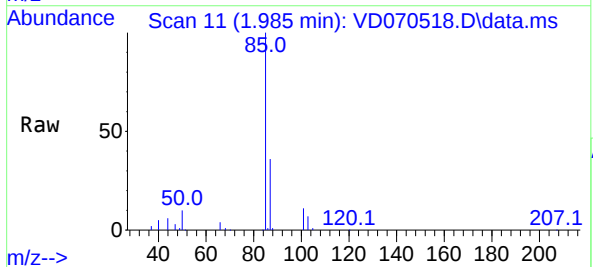
#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



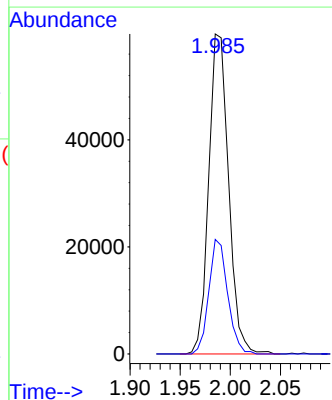
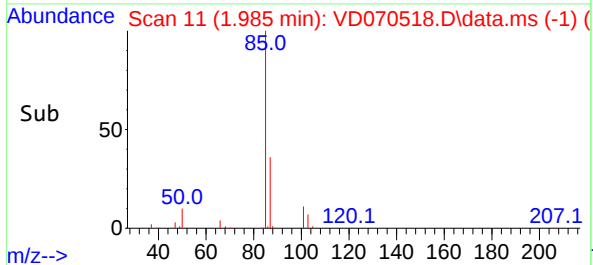
Tgt Ion: 168 Resp: 374784  
Ion Ratio Lower Upper  
168 100  
99 61.9 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: 19.292 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 85 Resp: 82531  
Ion Ratio Lower Upper  
85 100  
87 35.8 15.6 46.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

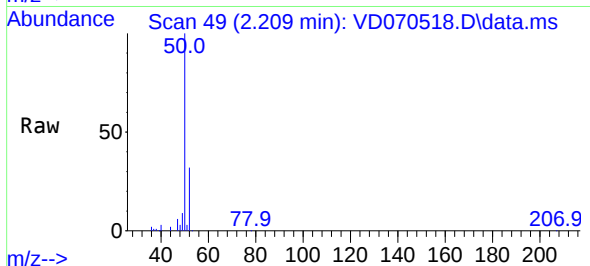
Manual Integrations  
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9/30/2021 6:19:50 PM



#3  
Chloromethane  
Concen: 18.219 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

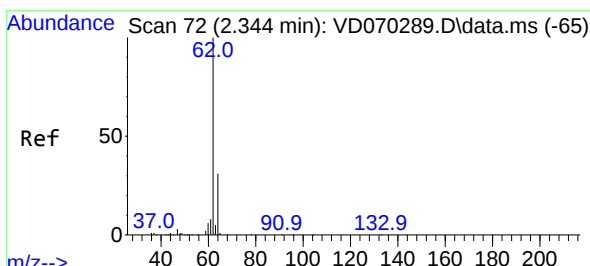
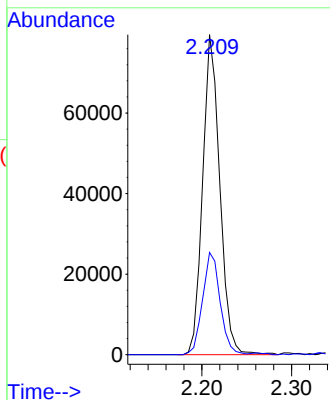
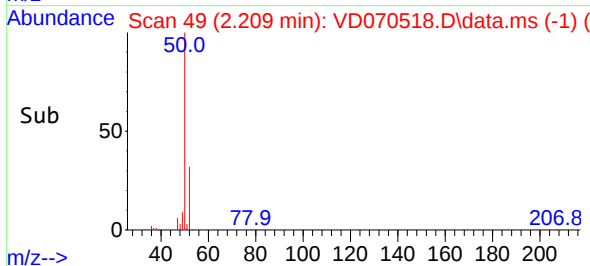
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



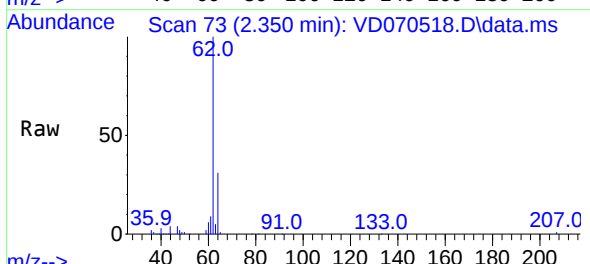
Tgt Ion: 50 Resp: 105409  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.2 39.2

Manual Integrations  
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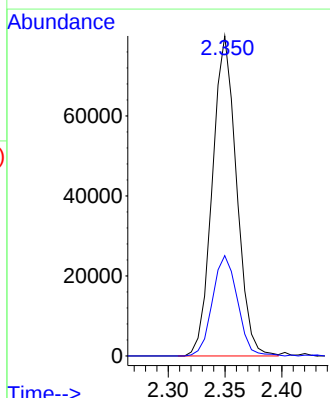
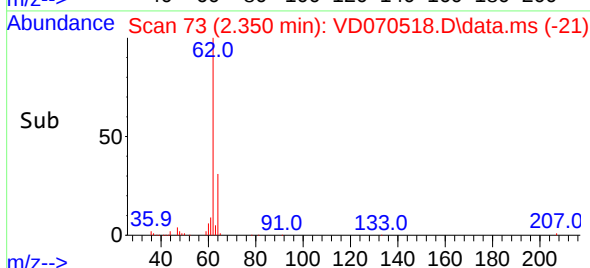
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9/30/2021 6:19:50 PM

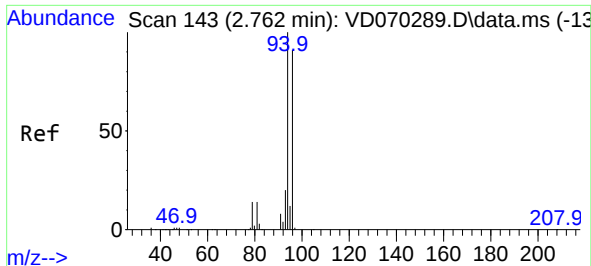


#4  
Vinyl Chloride  
Concen: 20.087 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 62 Resp: 118449  
Ion Ratio Lower Upper  
62 100  
64 31.3 24.6 36.8





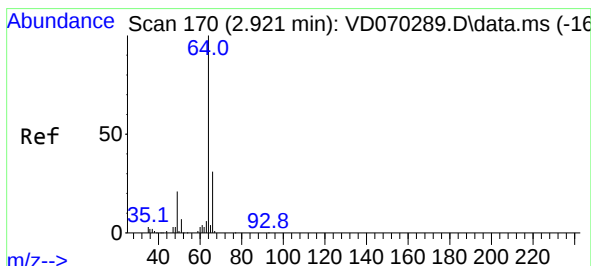
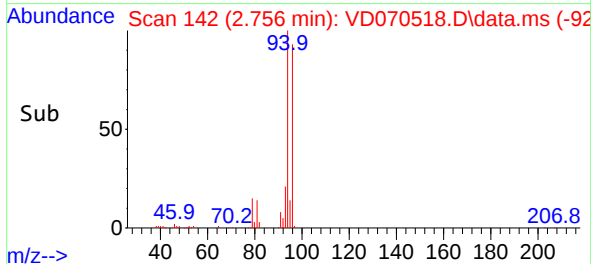
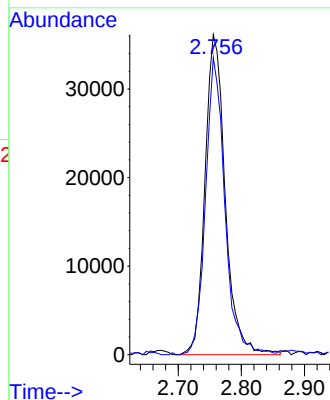
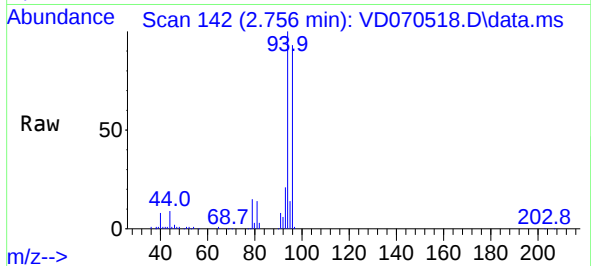
#5  
Bromomethane  
Concen: 19.292 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 94 Resp: 80525  
Ion Ratio Lower Upper  
94 100  
96 92.8 73.0 109.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

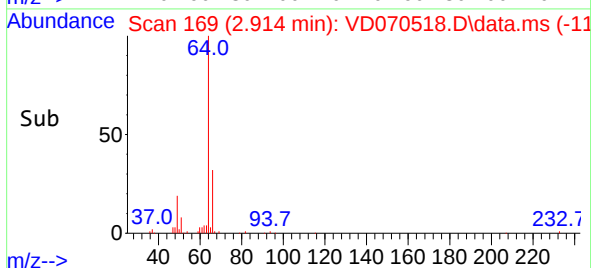
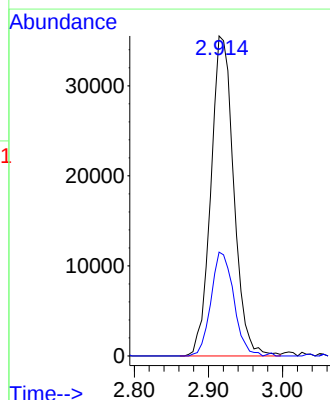
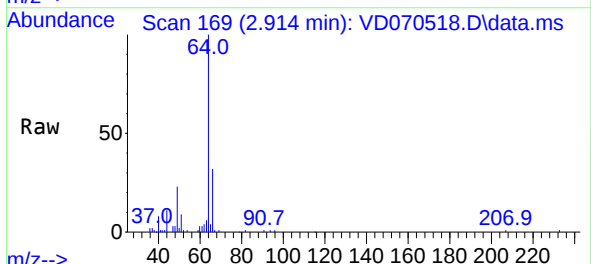
Manual Integrations  
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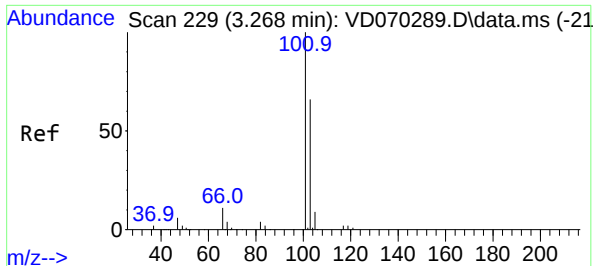
MMDadoda  
9/30/2021 6:19:50 PM



#6  
Chloroethane  
Concen: 19.128 ug/l  
RT: 2.914 min Scan# 169  
Delta R.T. -0.007 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 64 Resp: 76231  
Ion Ratio Lower Upper  
64 100  
66 32.5 25.0 37.4





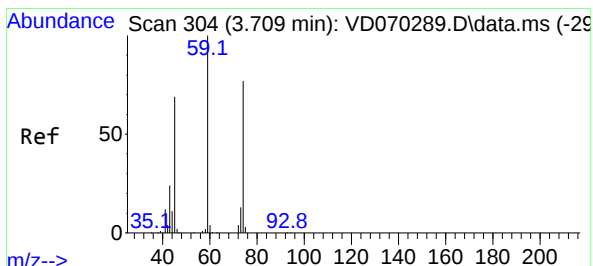
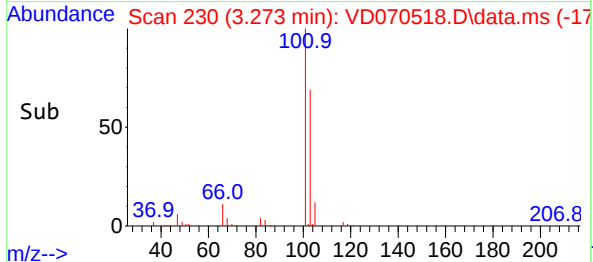
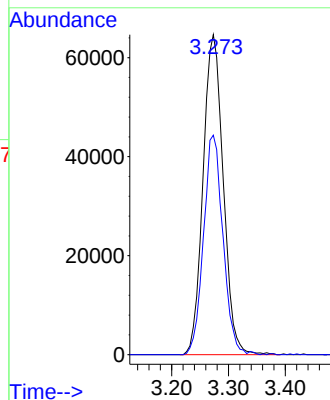
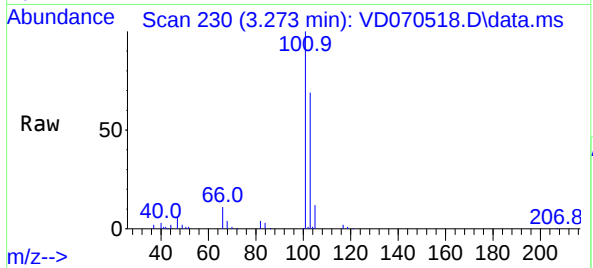
#7  
Trichlorofluoromethane  
Concen: 20.434 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:101 Resp: 159372  
Ion Ratio Lower Upper  
101 100  
103 68.6 53.0 79.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

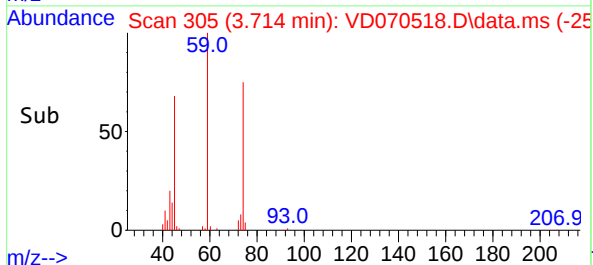
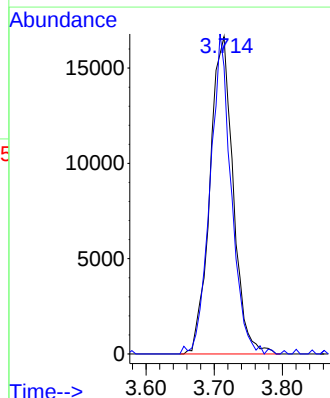
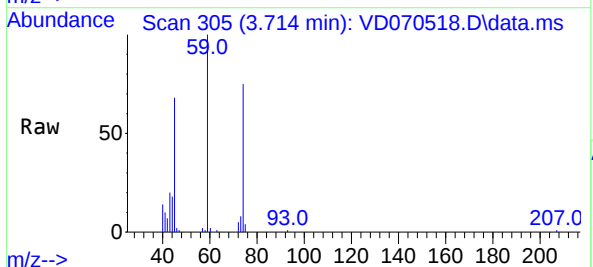
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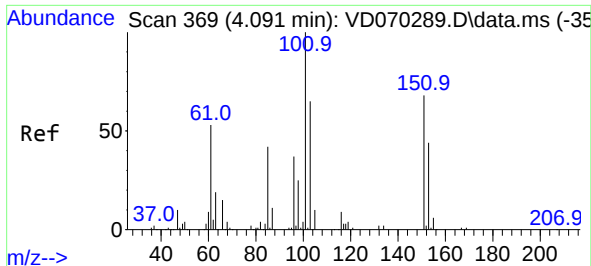
MMDadoda  
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#8  
Diethyl Ether  
Concen: 18.380 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

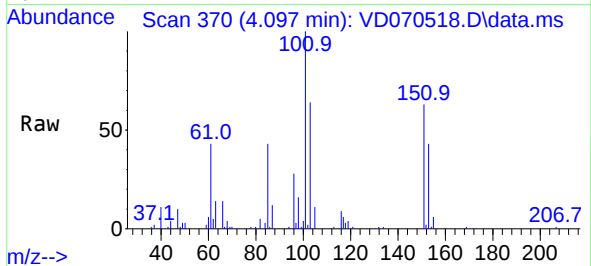
Tgt Ion: 74 Resp: 39629  
Ion Ratio Lower Upper  
74 100  
45 91.6 44.5 133.5





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.493 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

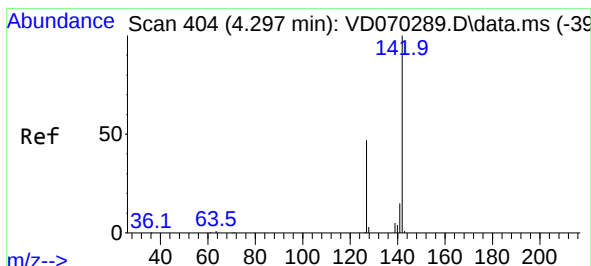
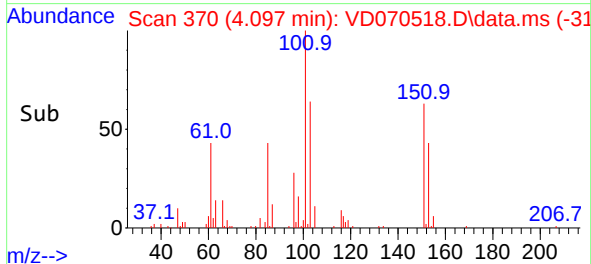
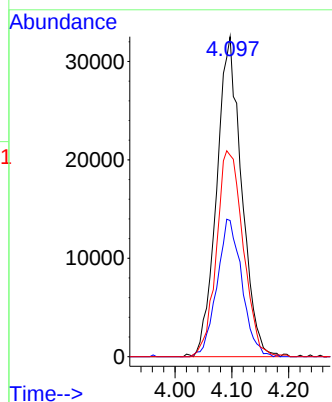
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 99285 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 42.9  | 33.8  | 50.8  |
| 151      | 69.0  | 55.8  | 83.6  |

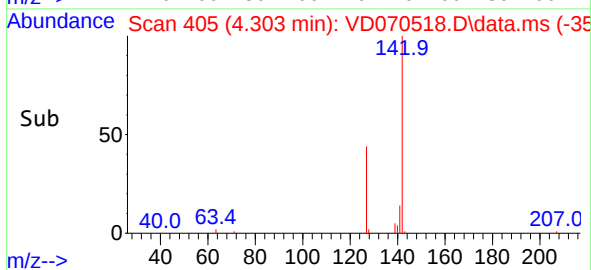
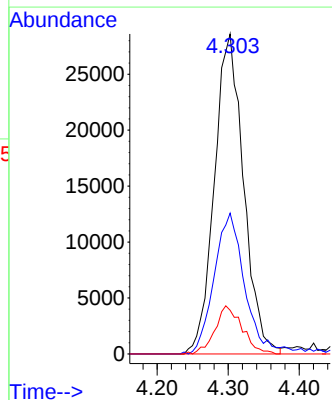
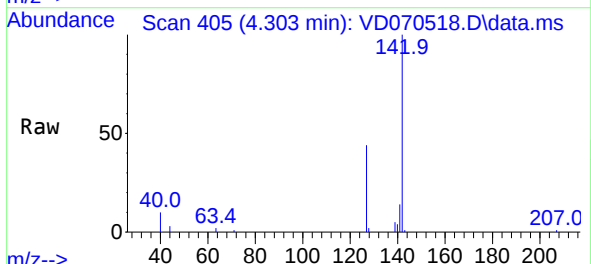
Manual Integrations  
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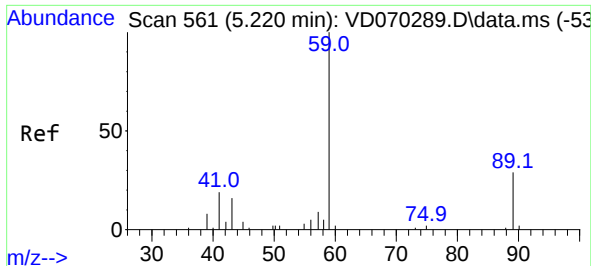
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#10  
Methyl Iodide  
Concen: 18.249 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 81546 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 46.3  | 36.9  | 55.3  |
| 141      | 14.0  | 11.8  | 17.6  |





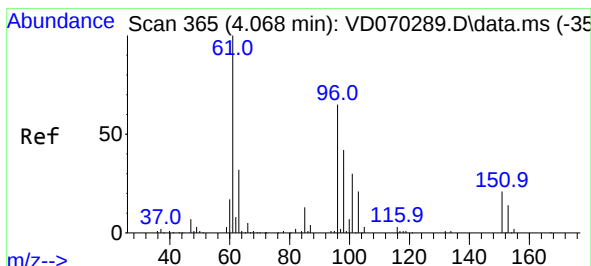
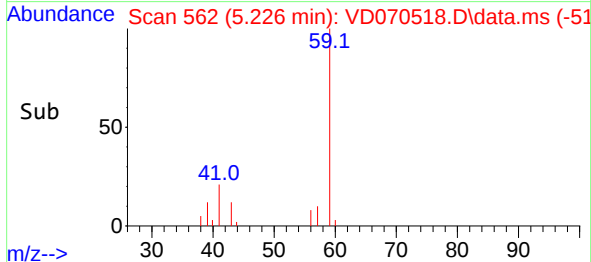
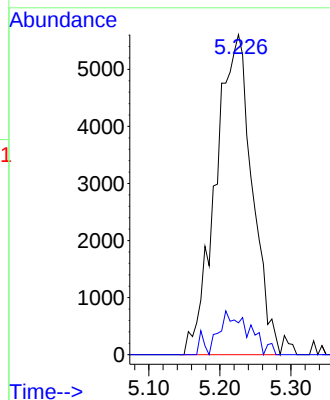
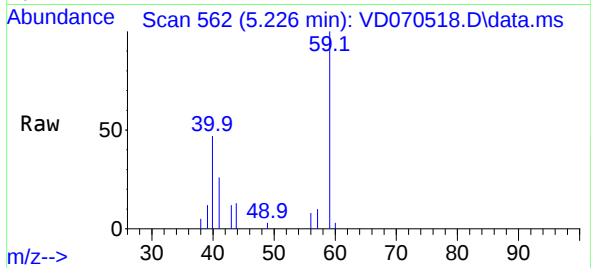
#11  
Tert butyl alcohol  
Concen: 36.843 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 59 Resp: 20047  
Ion Ratio Lower Upper  
59 100  
57 11.0 0.0 0.0#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

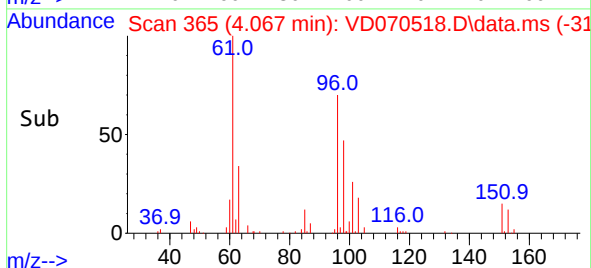
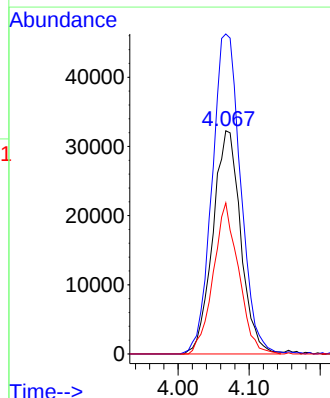
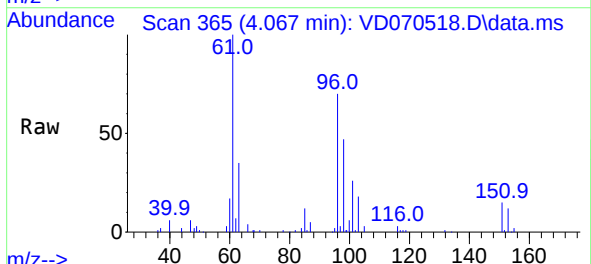
Manual Integrations  
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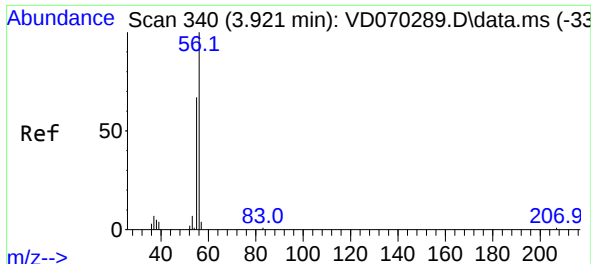
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 20.120 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

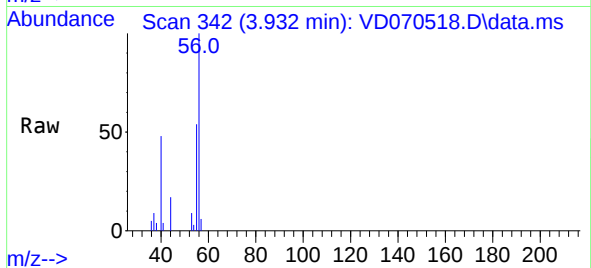
Tgt Ion: 96 Resp: 87788  
Ion Ratio Lower Upper  
96 100  
61 143.4 123.2 184.8  
98 67.7 51.9 77.9





#13  
Acrolein  
Concen: 53.129 ug/l  
RT: 3.932 min Scan# 342  
Delta R.T. 0.011 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

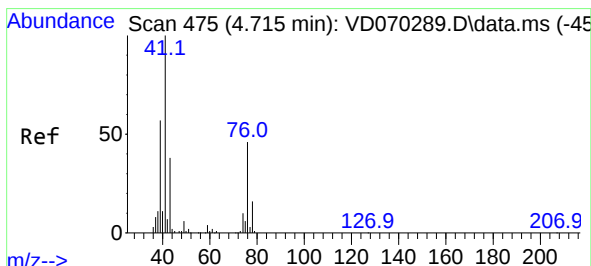
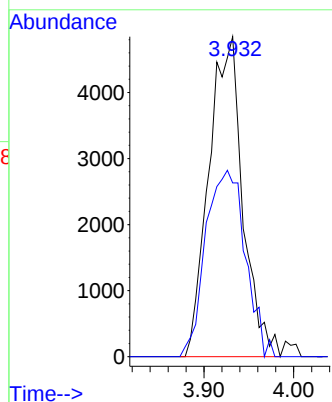
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



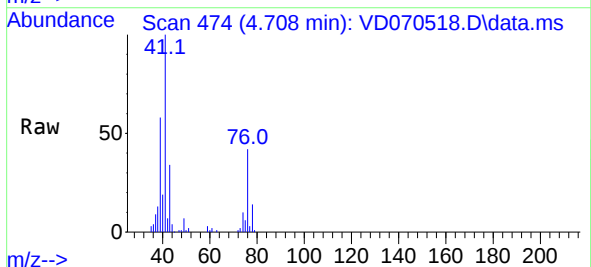
Tgt Ion: 56 Resp: 12710  
Ion Ratio Lower Upper  
56 100  
55 68.0 54.2 81.2

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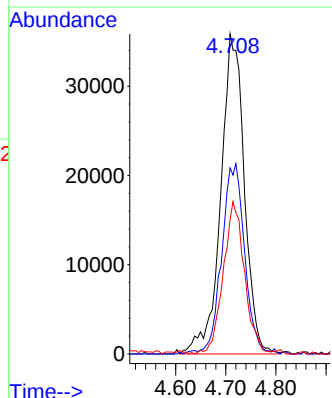
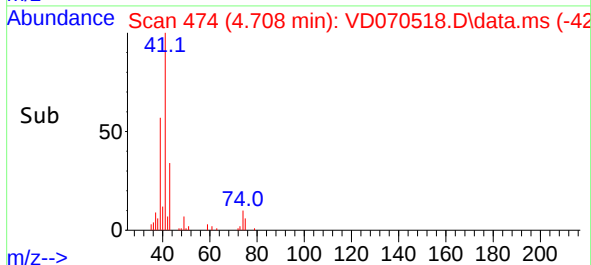
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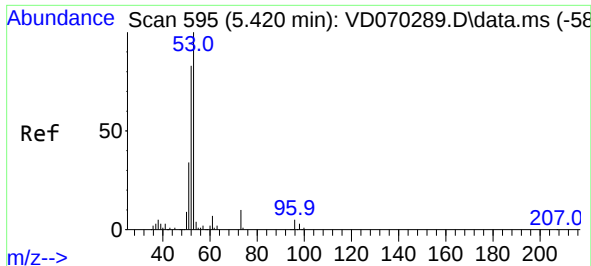


#14  
Allyl chloride  
Concen: 18.282 ug/l  
RT: 4.708 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



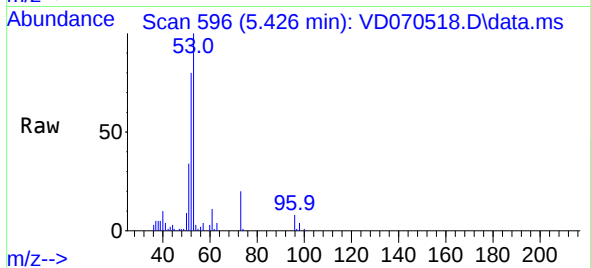
Tgt Ion: 41 Resp: 117218  
Ion Ratio Lower Upper  
41 100  
39 57.5 46.2 69.4  
76 42.9 34.1 51.1





#15  
Acrylonitrile  
Concen: 86.263 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

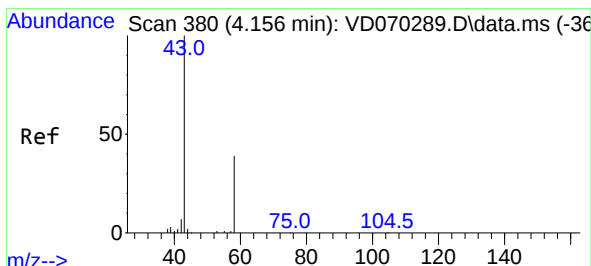
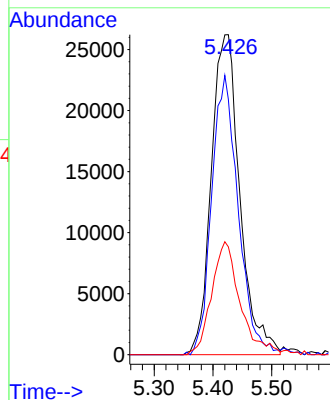
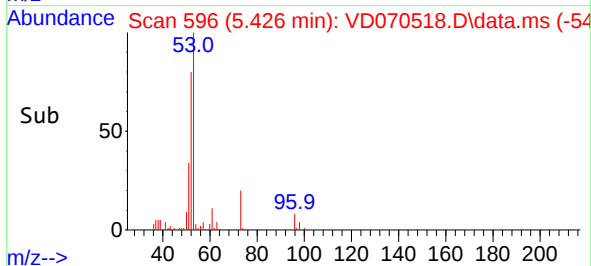
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



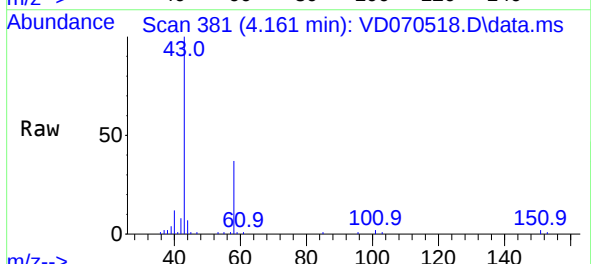
Tgt Ion: 53 Resp: 88617  
Ion Ratio Lower Upper  
53 100  
52 81.2 64.6 97.0  
51 35.5 27.8 41.8

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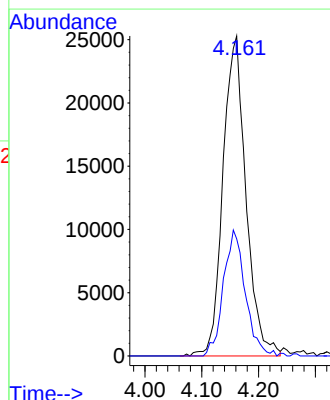
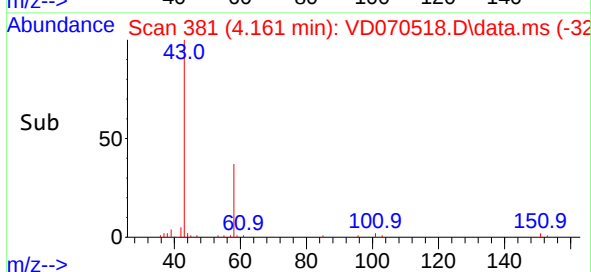
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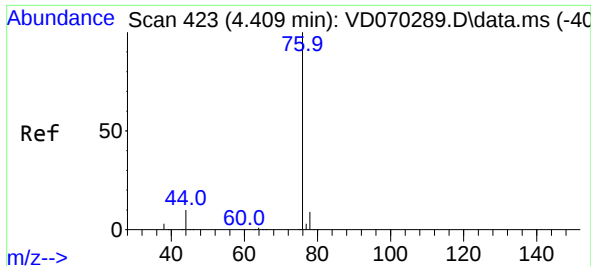


#16  
Acetone  
Concen: 82.787 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 43 Resp: 71128  
Ion Ratio Lower Upper  
43 100  
58 36.6 30.9 46.3





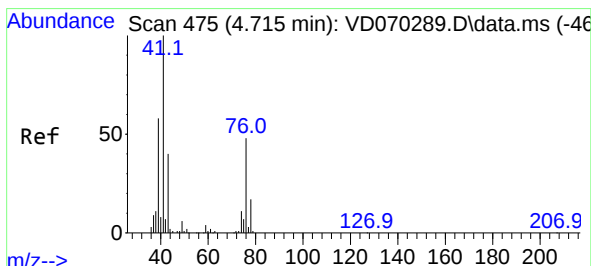
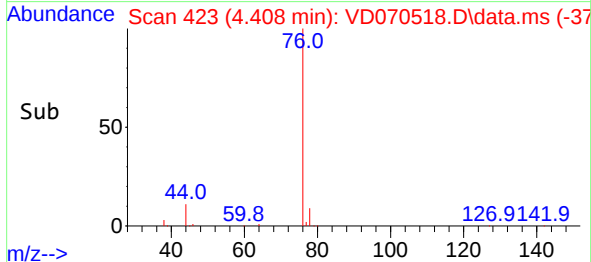
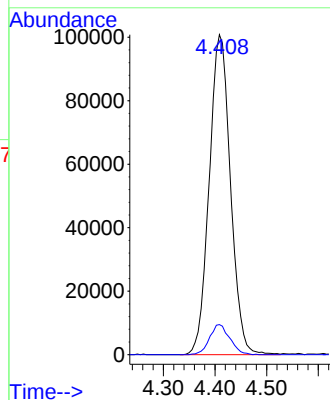
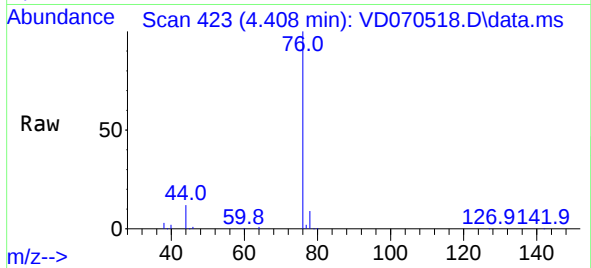
#17  
Carbon Disulfide  
Concen: 17.883 ug/l  
RT: 4.408 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 76 Resp: 287889  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.5 11.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

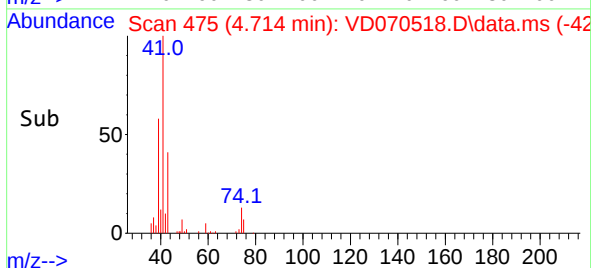
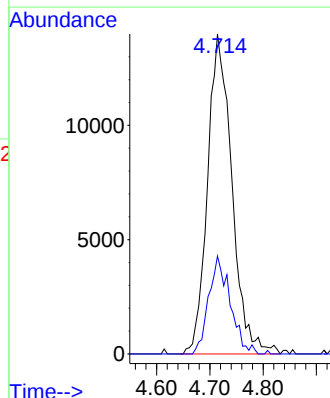
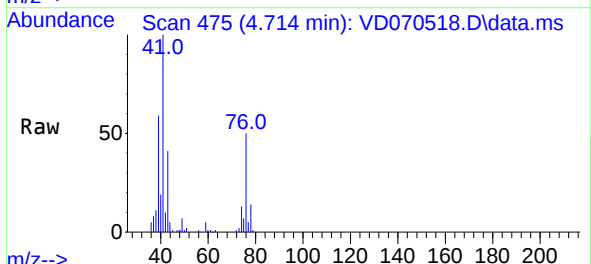
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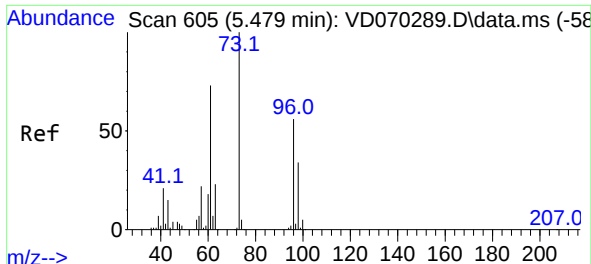
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#18  
Methyl Acetate  
Concen: 17.854 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 43 Resp: 44395  
Ion Ratio Lower Upper  
43 100  
74 27.0 21.6 32.4



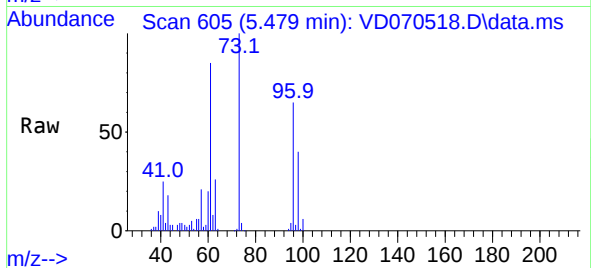


#19  
Methyl tert-butyl Ether  
Concen: 17.968 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

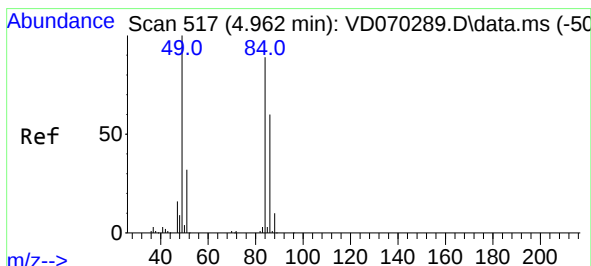
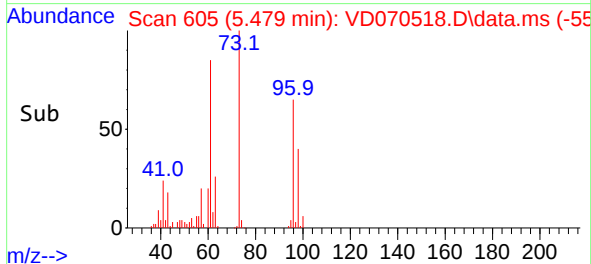
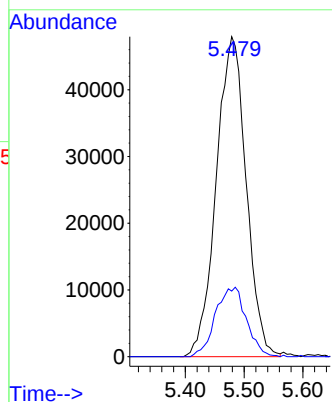
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

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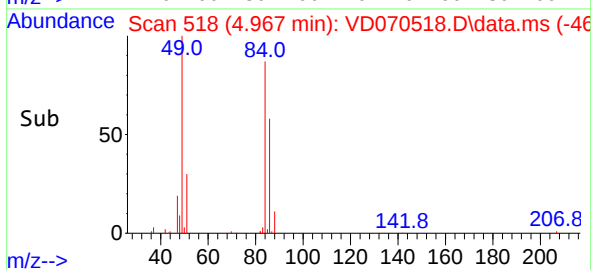
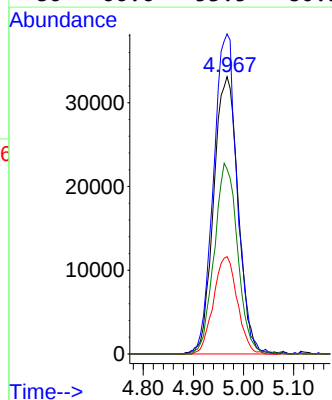
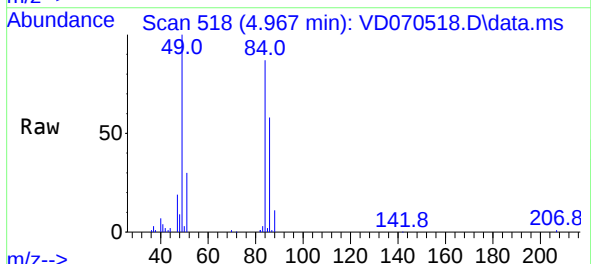


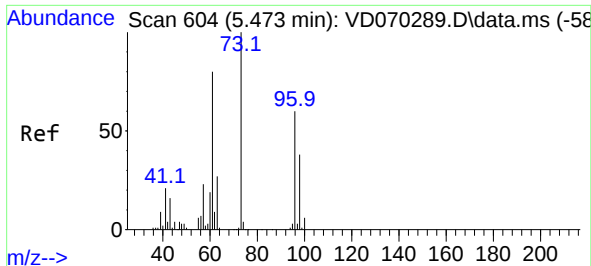
Tgt Ion: 73 Resp: 169423  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.7 26.5



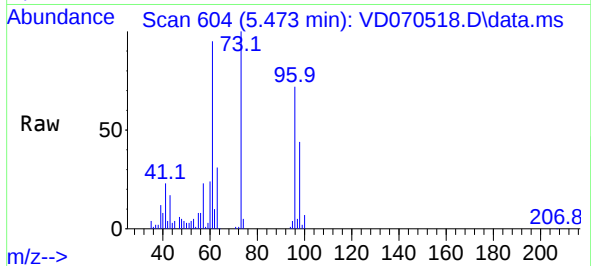
#20  
Methylene Chloride  
Concen: 16.024 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.005 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 84 Resp: 112214  
Ion Ratio Lower Upper  
84 100  
49 115.4 89.6 134.4  
51 35.1 28.6 43.0  
86 66.6 53.5 80.3

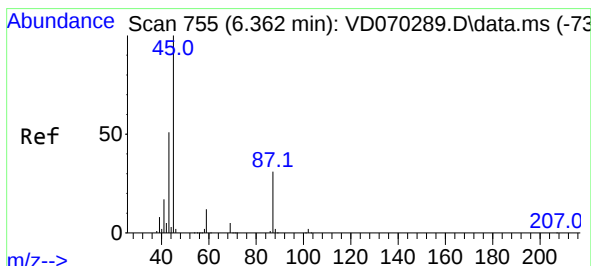
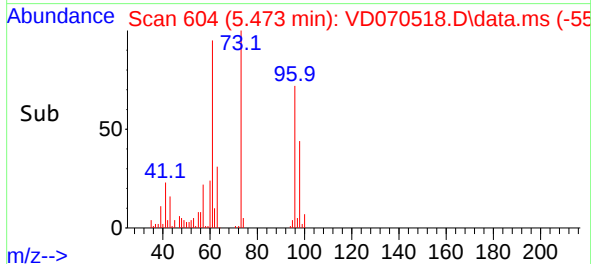
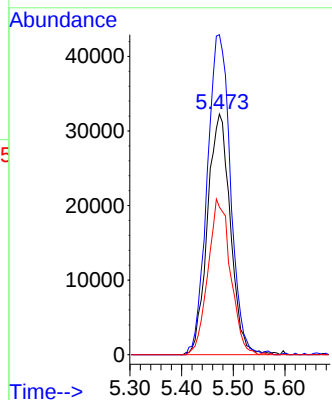




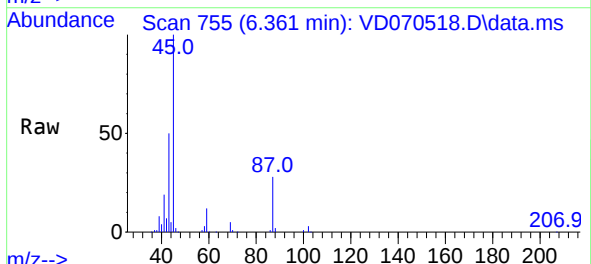
#21  
trans-1,2-Dichloroethene  
Concen: 19.142 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



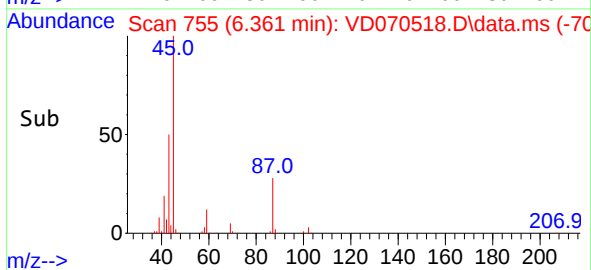
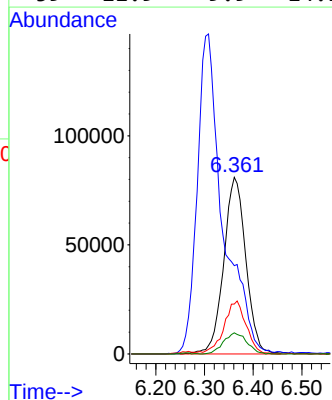
Tgt Ion: 96 Resp: 99424  
Ion Ratio Lower Upper  
96 100  
61 132.9 106.0 159.0  
98 61.3 50.5 75.7



#22  
Diisopropyl ether  
Concen: 18.642 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



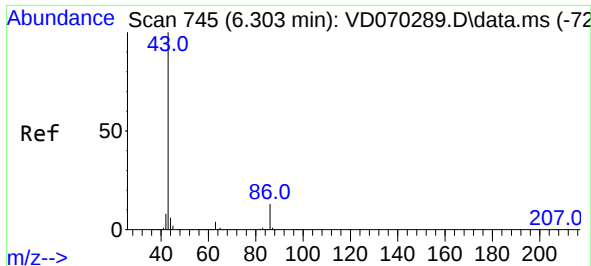
Tgt Ion: 45 Resp: 255833  
Ion Ratio Lower Upper  
45 100  
43 48.8 41.1 61.7  
87 28.3 24.6 36.8  
59 11.9 9.9 14.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

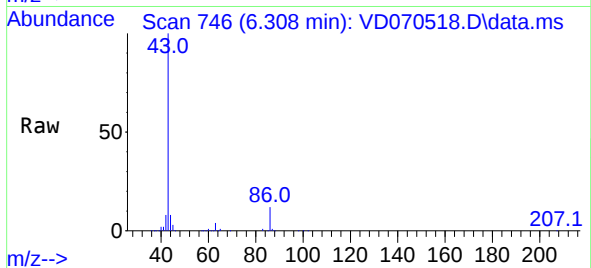
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9/30/2021 6:19:50 PM



#23  
 Vinyl Acetate  
 Concen: 84.716 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. 0.006 min  
 Lab File: VD070518.D  
 Acq: 29 Sep 2021 12:59

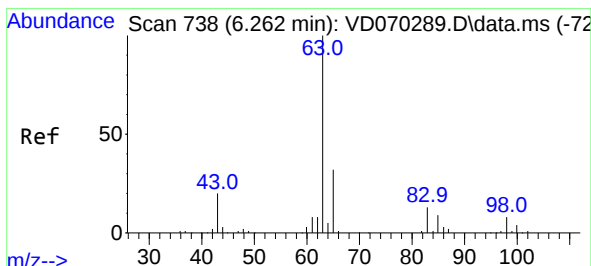
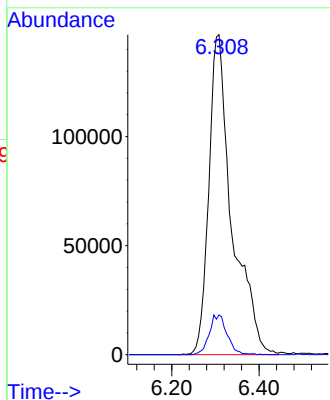
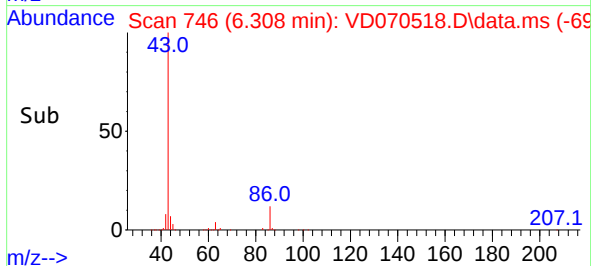
Instrument :  
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 ClientSampleId :  
 VD0929SBS01



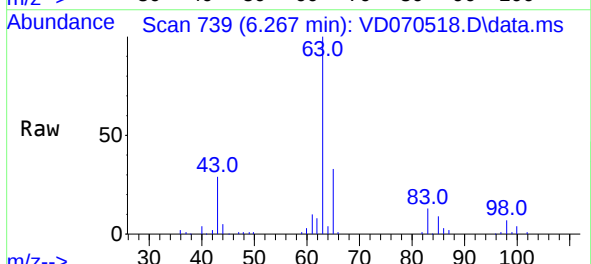
Tgt Ion: 43 Resp: 538587  
 Ion Ratio Lower Upper  
 43 100  
 86 12.4 10.2 15.4

Manual Integrations  
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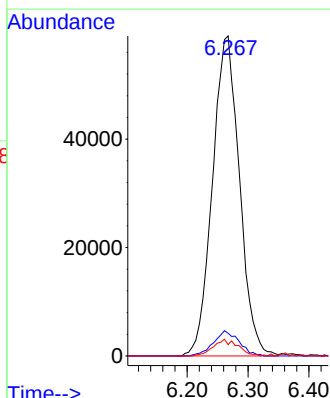
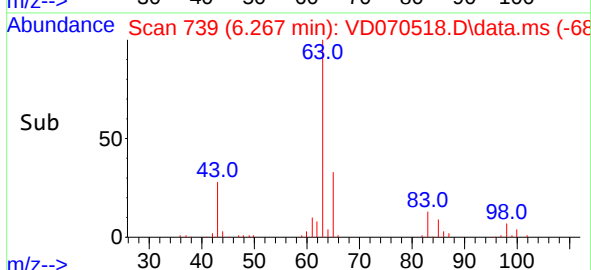
MMDadoda  
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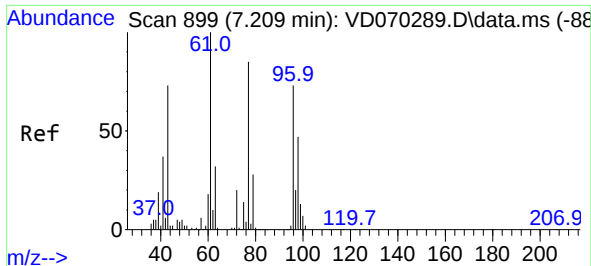


#24  
 1,1-Dichloroethane  
 Concen: 18.733 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. 0.006 min  
 Lab File: VD070518.D  
 Acq: 29 Sep 2021 12:59



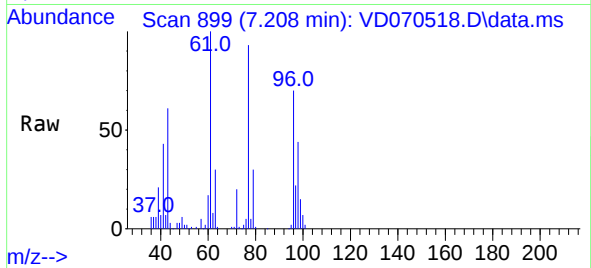
Tgt Ion: 63 Resp: 181902  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 4.2 12.4  
 100 3.6 2.0 5.8





#25  
2-Butanone  
Concen: 80.526 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

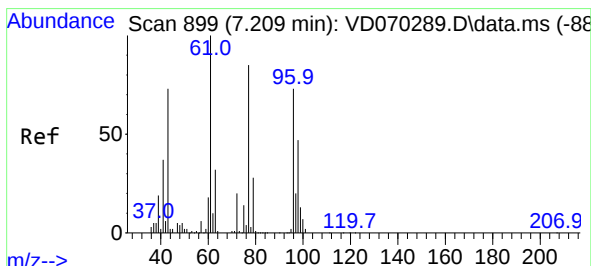
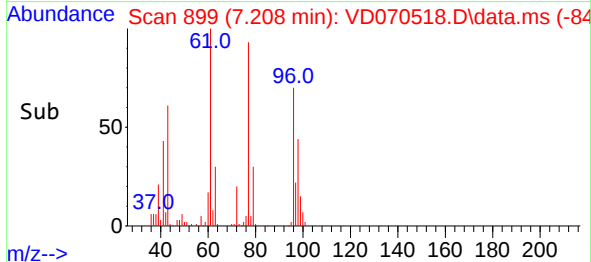
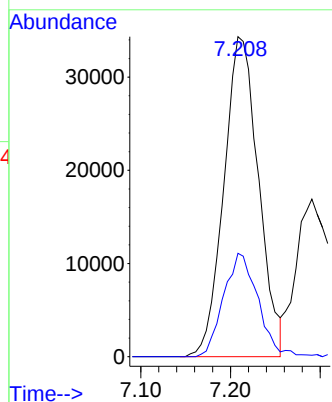
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



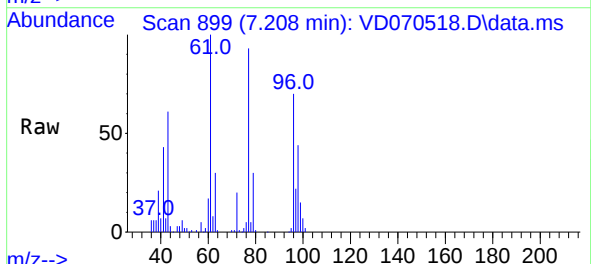
Tgt Ion: 43 Resp: 92097  
Ion Ratio Lower Upper  
43 100  
72 32.3 22.2 33.4

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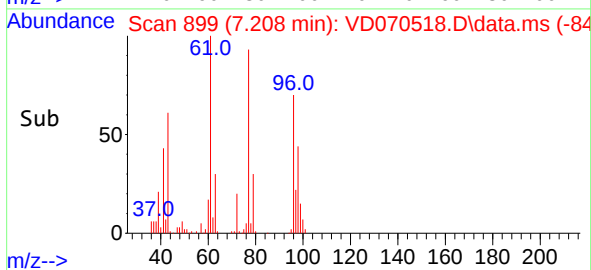
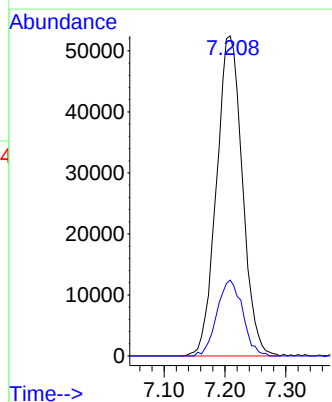
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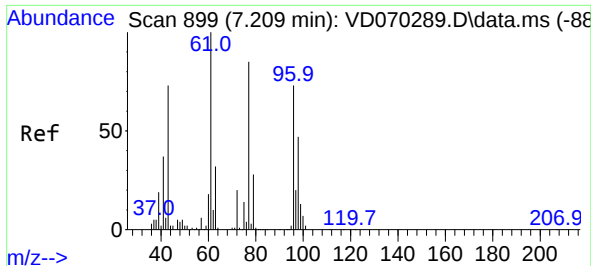


#26  
2,2-Dichloropropane  
Concen: 19.724 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



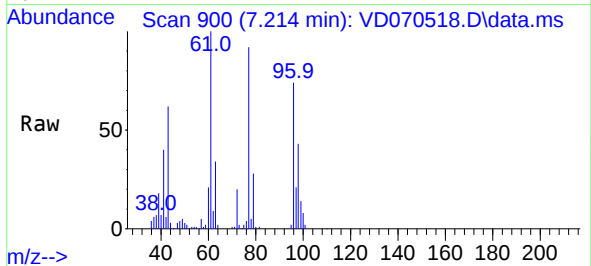
Tgt Ion: 77 Resp: 154809  
Ion Ratio Lower Upper  
77 100  
97 23.6 11.9 35.9





#27  
cis-1,2-Dichloroethene  
Concen: 19.316 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

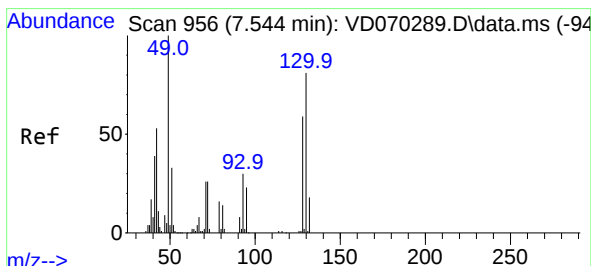
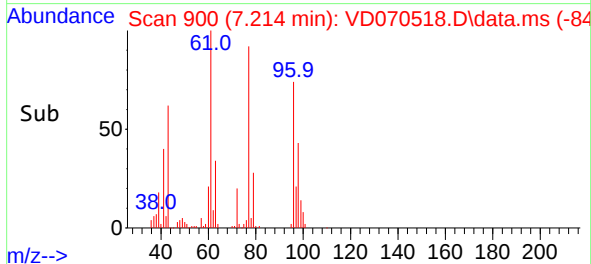
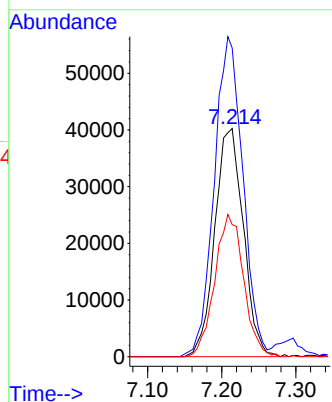
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



Tgt Ion: 96 Resp: 107773  
Ion Ratio Lower Upper  
96 100  
61 140.8 0.0 277.4  
98 62.8 0.0 130.0

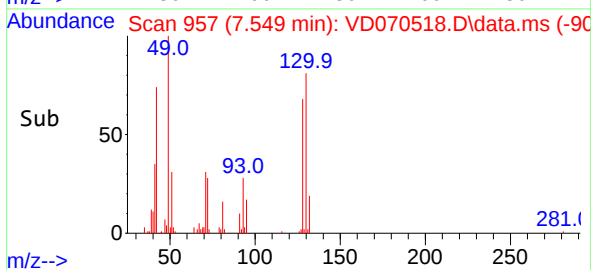
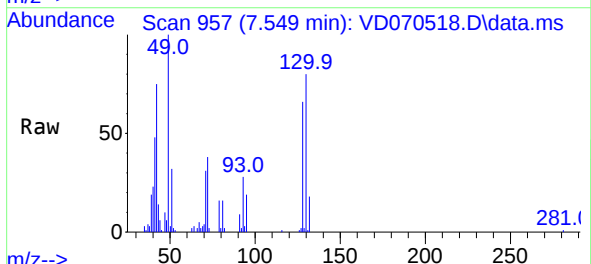
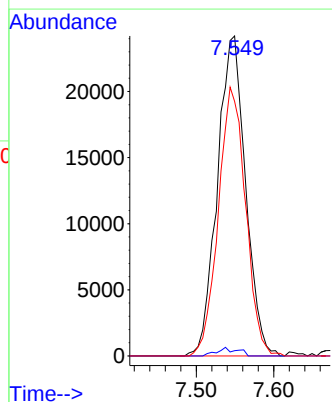
Manual Integrations  
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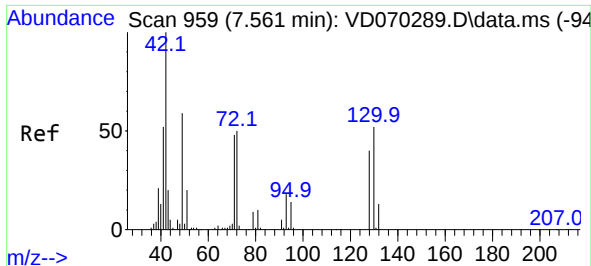
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#28  
Bromochloromethane  
Concen: 15.892 ug/l  
RT: 7.549 min Scan# 957  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

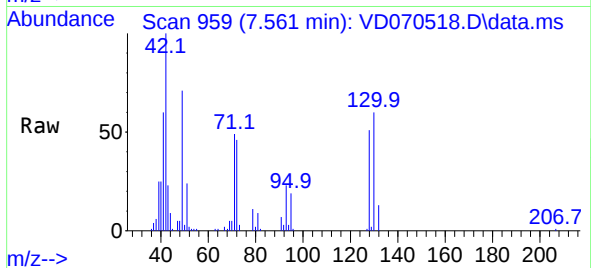
Tgt Ion: 49 Resp: 61228  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.4  
130 81.4 65.0 97.6





#29  
Tetrahydrofuran  
Concen: 81.176 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

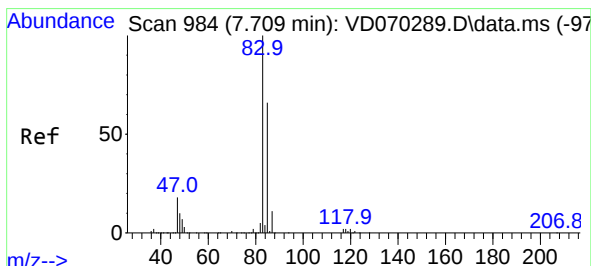
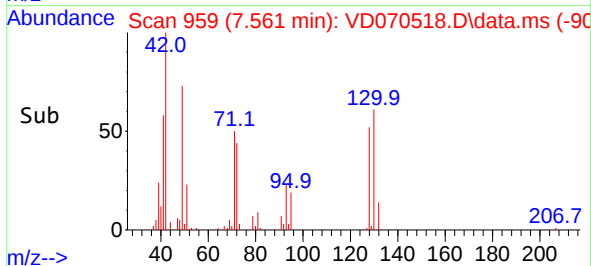
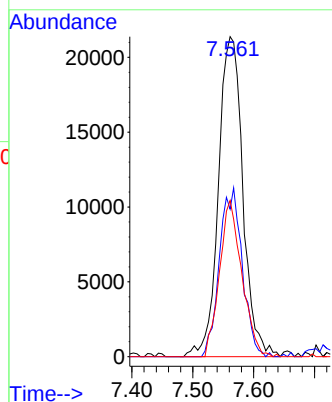
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



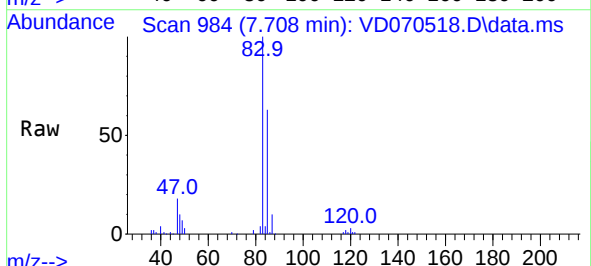
Tgt Ion: 42 Resp: 59597  
Ion Ratio Lower Upper  
42 100  
72 49.2 38.8 58.2  
71 44.7 37.8 56.6

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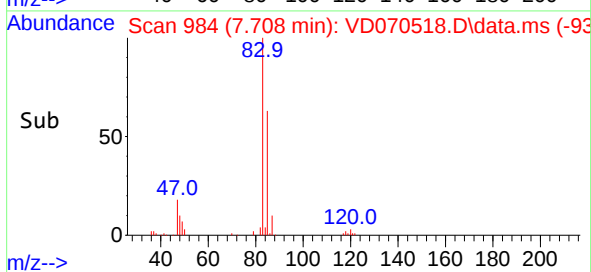
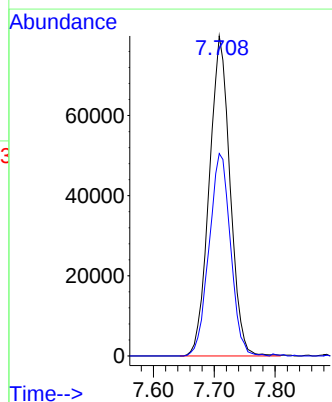
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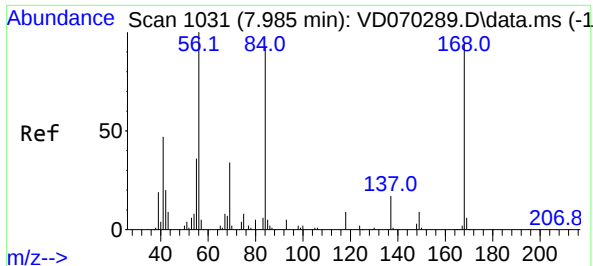


#30  
Chloroform  
Concen: 19.050 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 83 Resp: 189633  
Ion Ratio Lower Upper  
83 100  
85 63.2 52.5 78.7





#31

Cyclohexane

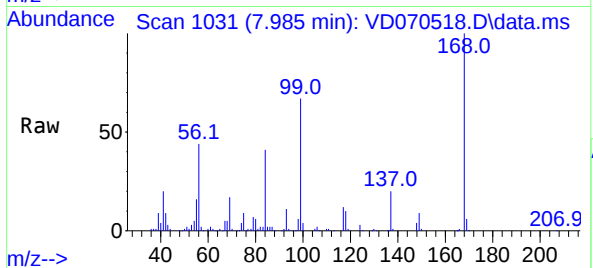
Concen: 19.093 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

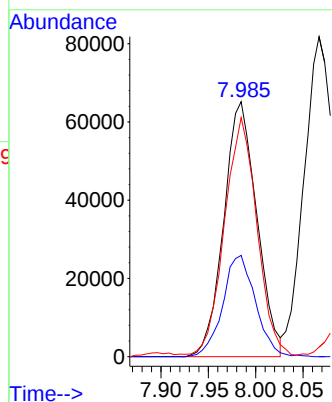
Lab File: VD070518.D

Acq: 29 Sep 2021 12:59



Tgt Ion: 56 Resp: 158276

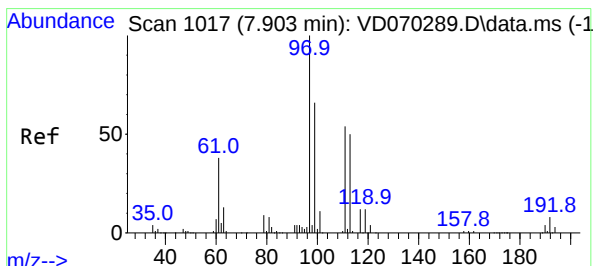
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 39.7  | 26.9  | 40.3  |
| 84  | 92.7  | 73.6  | 110.4 |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

Manual Integrations  
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#32

1,1,1-Trichloroethane

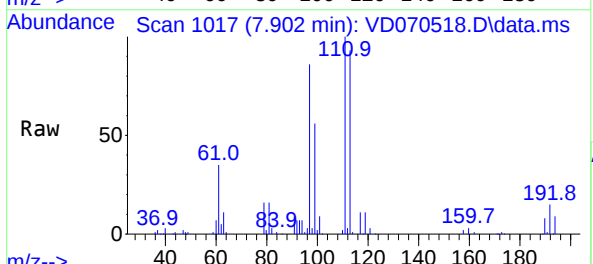
Concen: 19.443 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

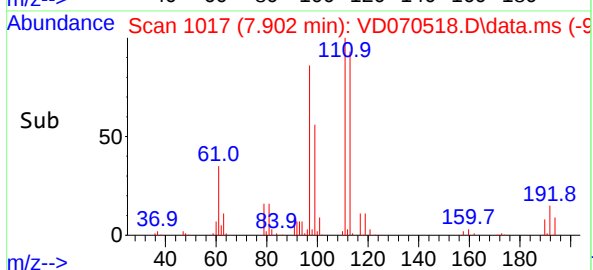
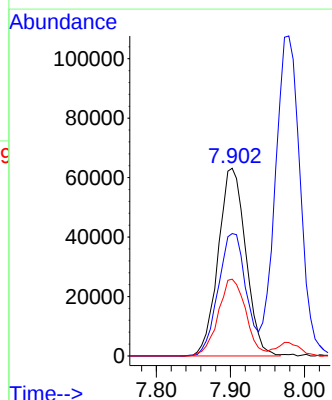
Lab File: VD070518.D

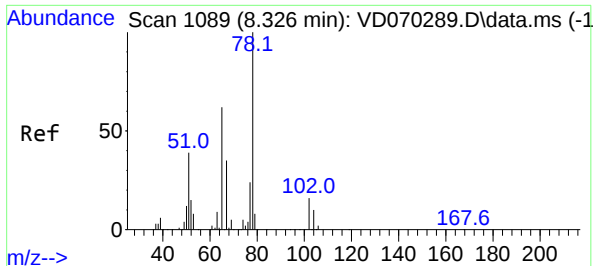
Acq: 29 Sep 2021 12:59



Tgt Ion: 97 Resp: 162912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 66.1  | 51.1  | 76.7  |
| 61  | 41.2  | 31.4  | 47.0  |





#33

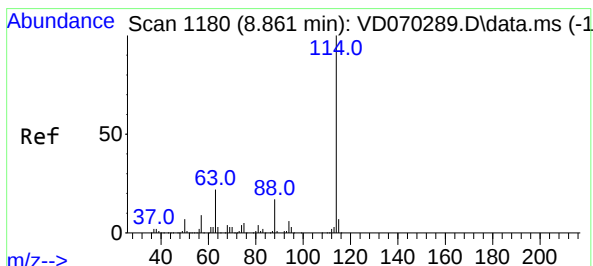
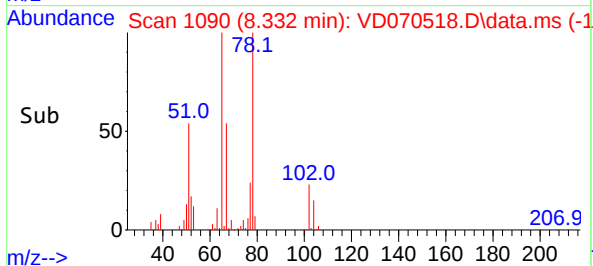
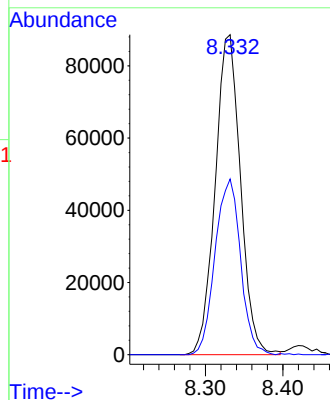
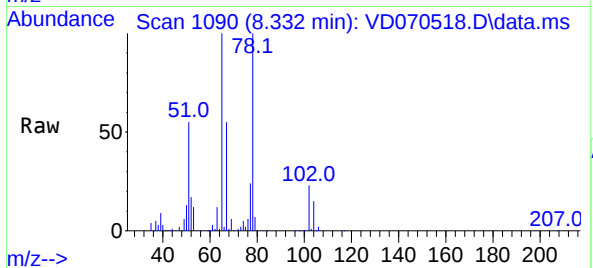
1,2-Dichloroethane-d4  
Concen: 41.856 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 65 Resp: 201424  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 111.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

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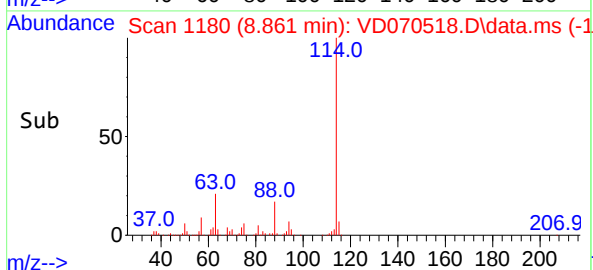
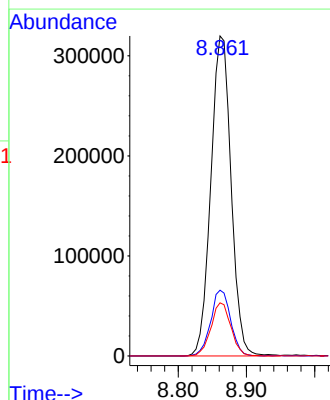
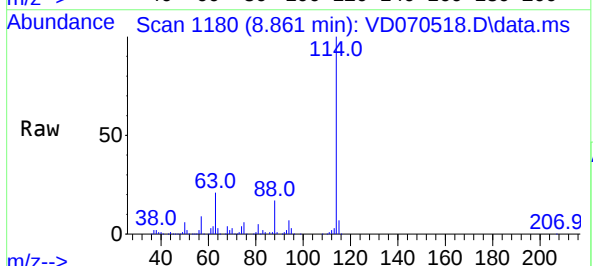
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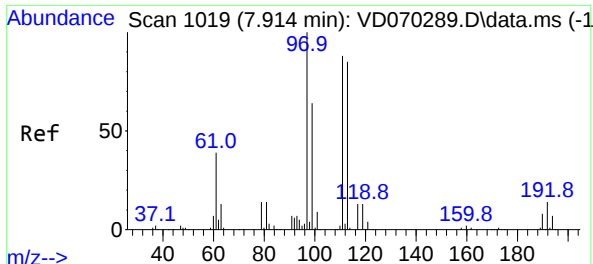


#34

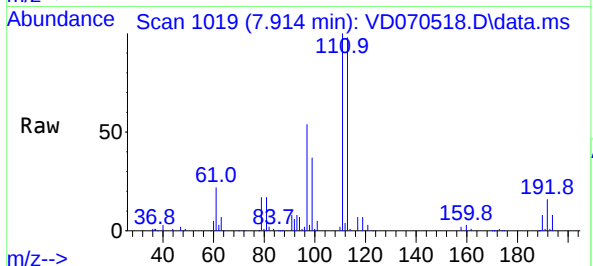
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 114 Resp: 660757  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.4  
88 16.6 0.0 33.4

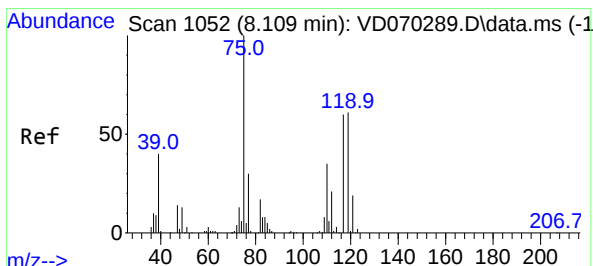
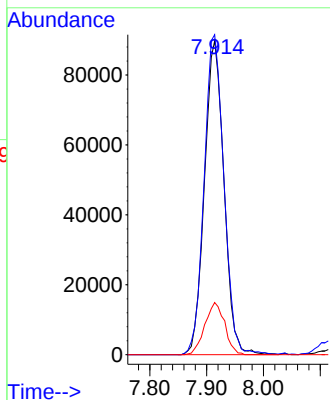
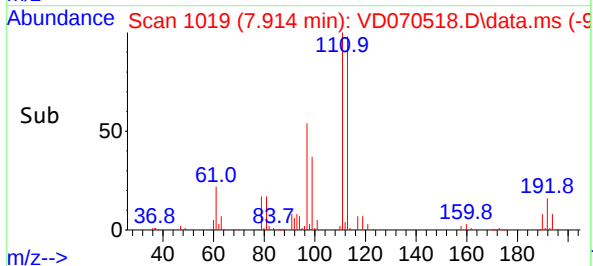




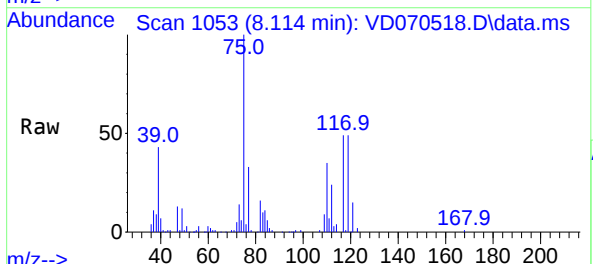
#35  
Dibromofluoromethane  
Concen: 45.382 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



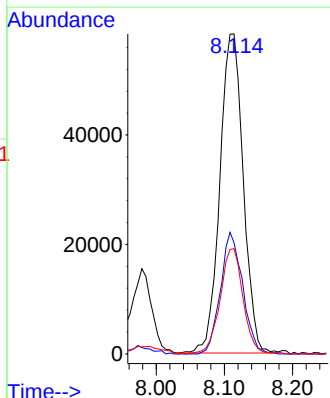
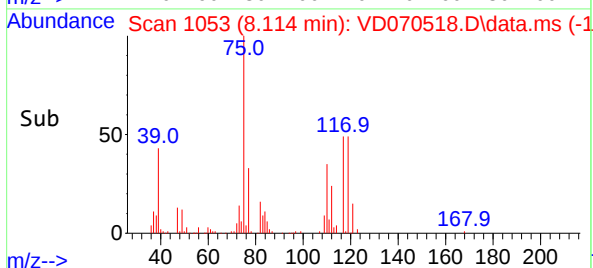
Tgt Ion: 113 Resp: 213449  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.4 122.2  
192 16.9 13.0 19.6



#36  
1,1-Dichloropropene  
Concen: 19.732 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



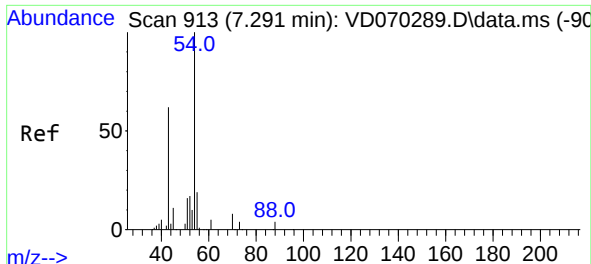
Tgt Ion: 75 Resp: 139362  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.9 53.7  
77 32.3 25.3 37.9



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

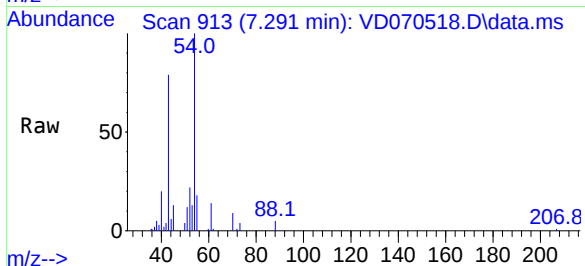
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#37  
Ethyl Acetate  
Concen: 16.056 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

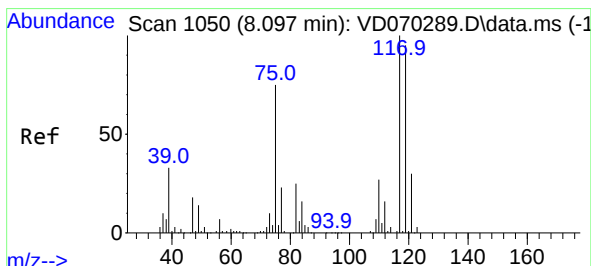
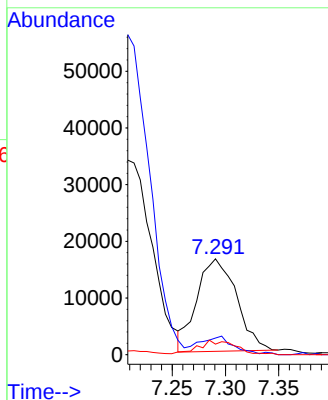
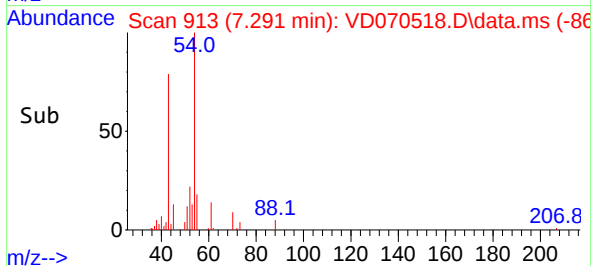
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



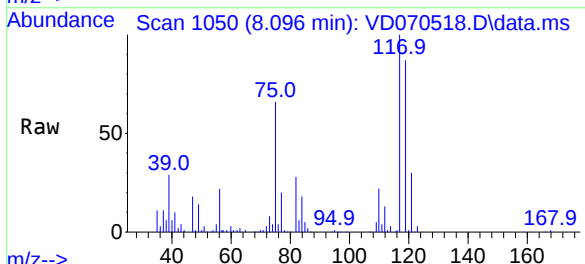
Tgt Ion: 43 Resp: 42403  
Ion Ratio Lower Upper  
43 100  
61 16.5 13.0 19.6  
70 14.7 9.8 14.6#

Manual Integrations  
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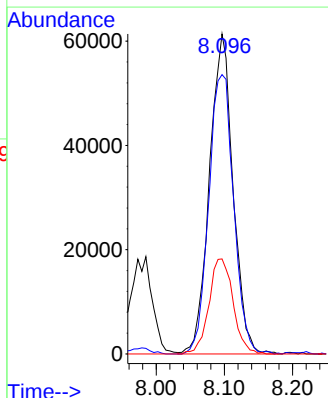
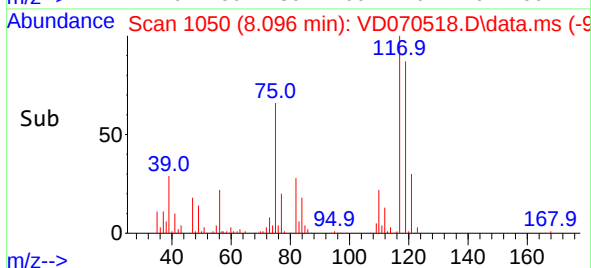
MMDadoda  
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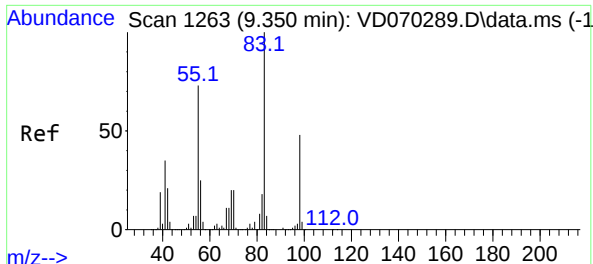


#38  
Carbon Tetrachloride  
Concen: 21.161 ug/l  
RT: 8.096 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 117 Resp: 147810  
Ion Ratio Lower Upper  
117 100  
119 87.3 76.1 114.1  
121 29.7 23.8 35.6





#39

Methylcyclohexane

Concen: 20.067 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070518.D

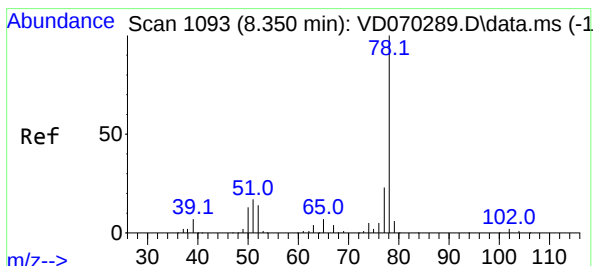
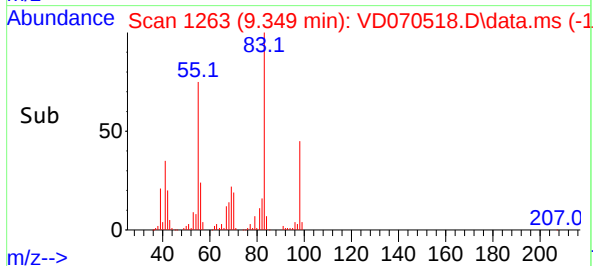
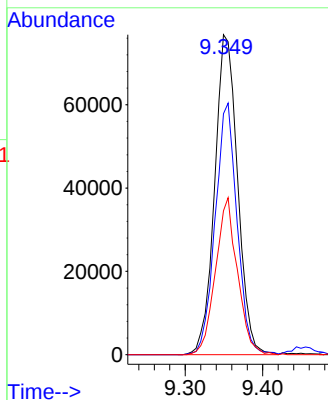
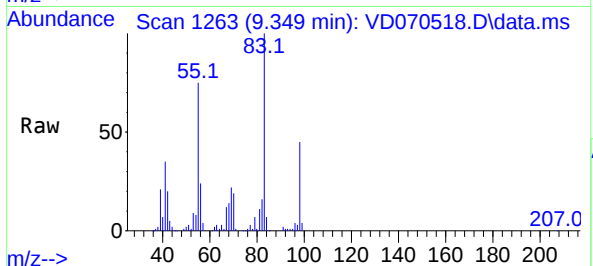
Acq: 29 Sep 2021 12:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 158333 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 75.3  | 58.5  | 87.7   |
| 98       | 45.0  | 38.4  | 57.6   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

Manual Integrations  
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#40

Benzene

Concen: 19.776 ug/l

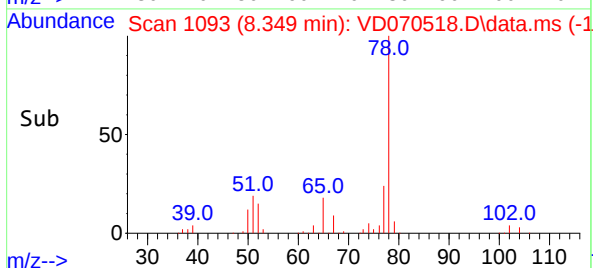
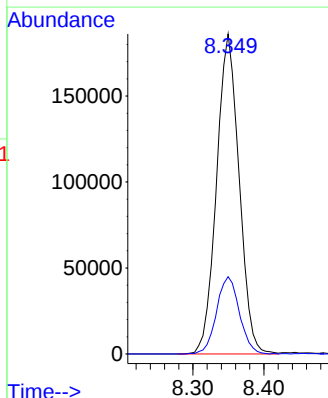
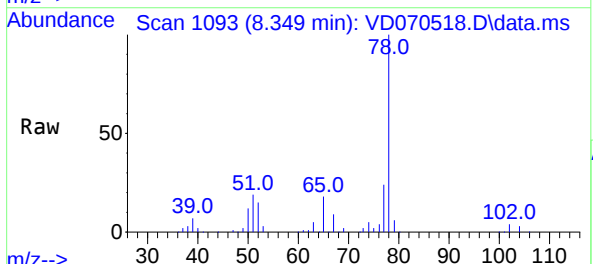
RT: 8.349 min Scan# 1093

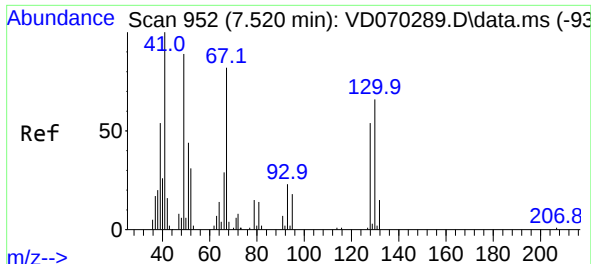
Delta R.T. -0.000 min

Lab File: VD070518.D

Acq: 29 Sep 2021 12:59

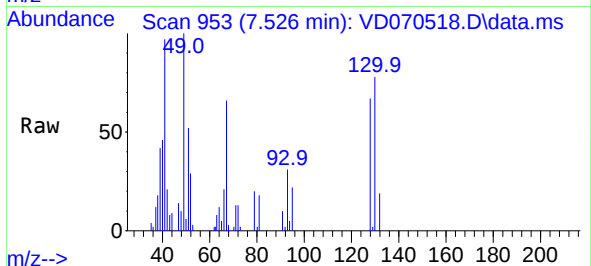
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 409300 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.1  | 18.4  | 27.6   |





#41  
Methacrylonitrile  
Concen: 18.668 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

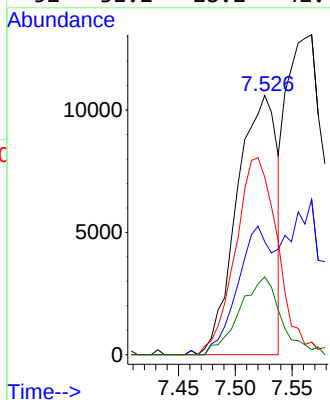
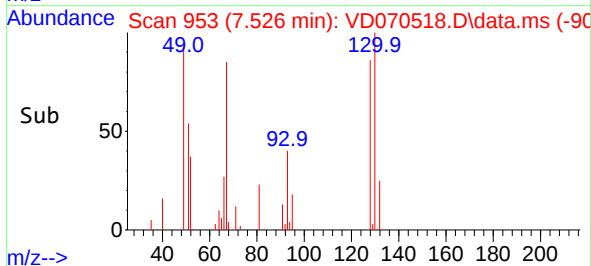
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



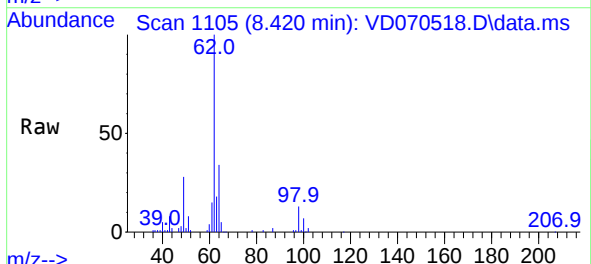
Tgt Ion: 41 Resp: 25940  
Ion Ratio Lower Upper  
41 100  
39 40.9 45.7 68.5#  
67 81.2 74.0 111.0  
52 31.2 28.2 42.4

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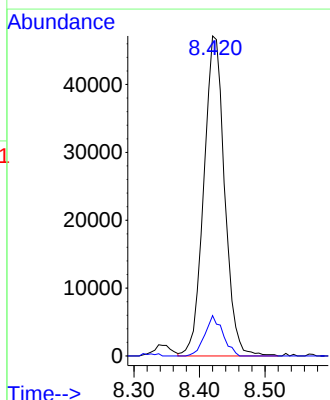
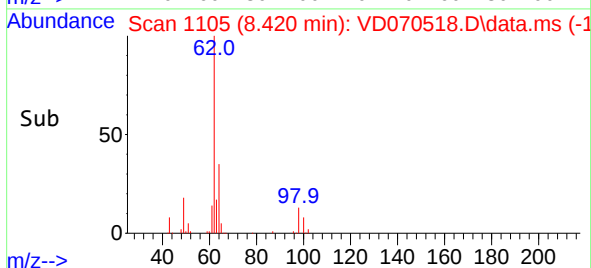
MMDadoda  
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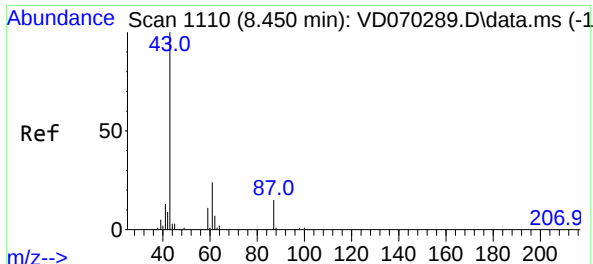


#42  
1,2-Dichloroethane  
Concen: 18.786 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 62 Resp: 104135  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 22.4



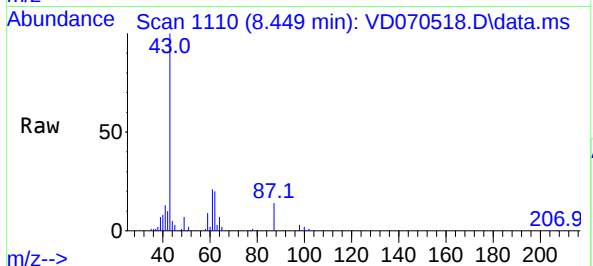


#43  
Isopropyl Acetate  
Concen: 17.068 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

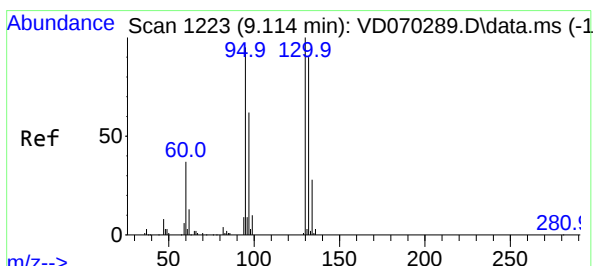
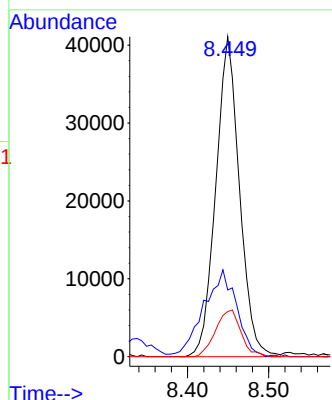
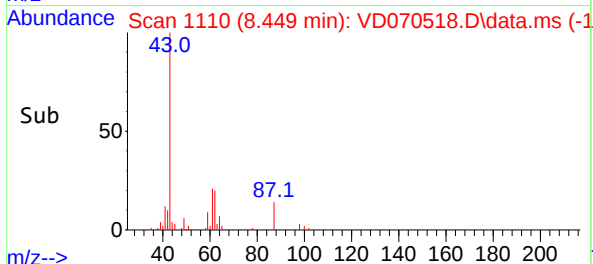
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

Manual Integrations  
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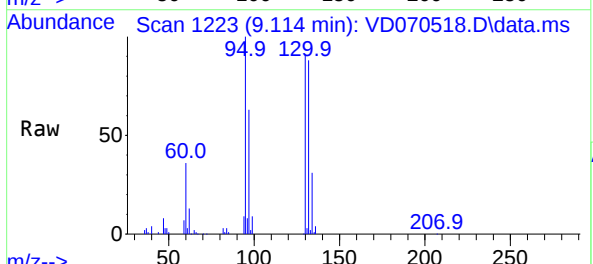
MMDadoda  
9/30/2021 6:19:50 PM



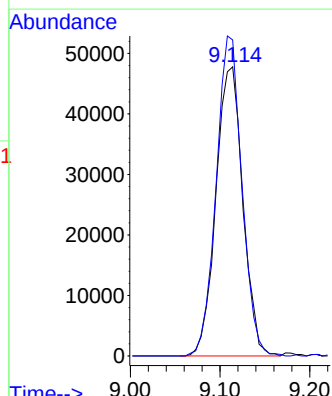
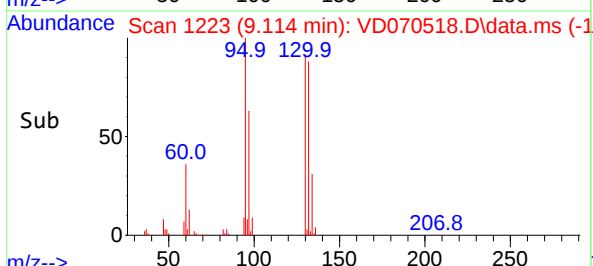
Tgt Ion: 43 Resp: 83345  
Ion Ratio Lower Upper  
43 100  
61 36.6 29.0 43.6  
87 15.7 12.8 19.2

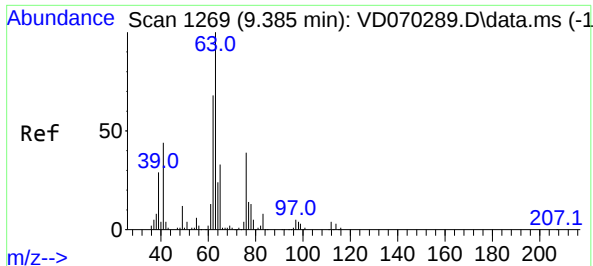


#44  
Trichloroethene  
Concen: 20.109 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 130 Resp: 99469  
Ion Ratio Lower Upper  
130 100  
95 109.3 0.0 190.0





#45

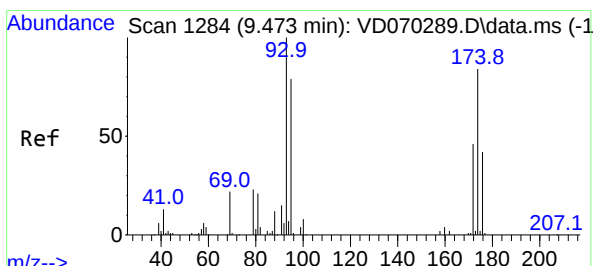
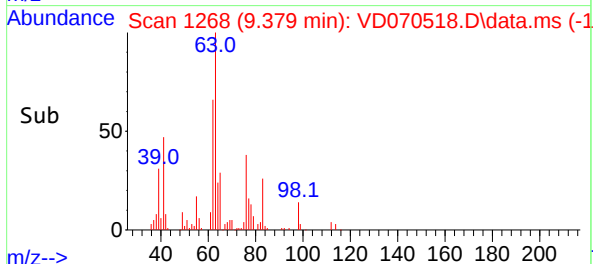
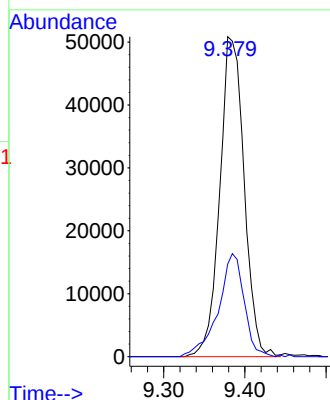
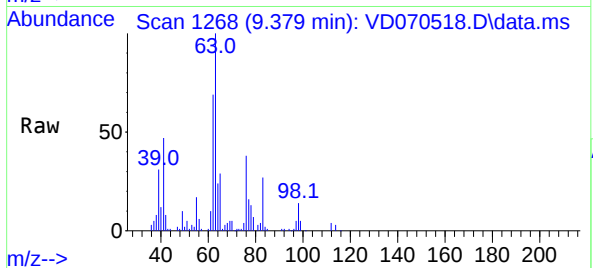
1,2-Dichloropropane  
Concen: 19.519 ug/l  
RT: 9.379 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 63 Resp: 105989  
Ion Ratio Lower Upper  
63 100  
65 29.0 26.2 39.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

Manual Integrations  
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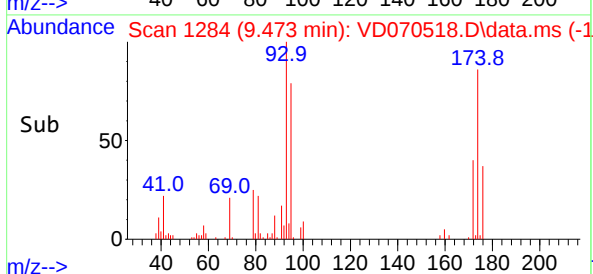
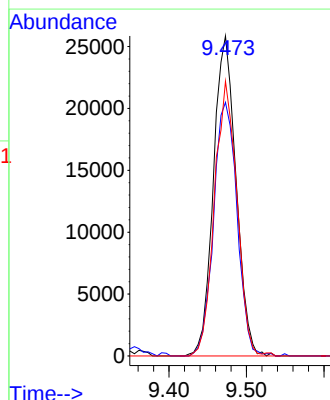
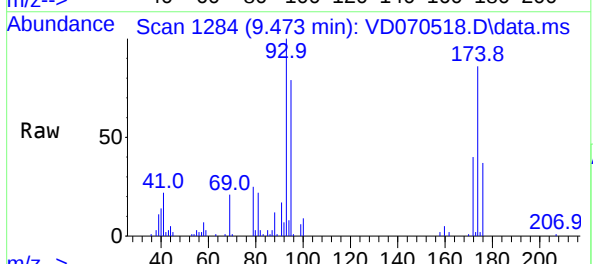
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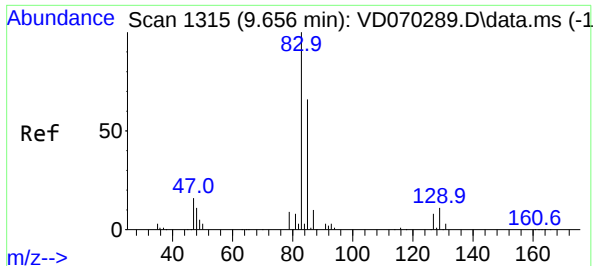


#46

Dibromomethane  
Concen: 18.729 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 93 Resp: 52370  
Ion Ratio Lower Upper  
93 100  
95 82.3 67.3 100.9  
174 85.2 69.2 103.8





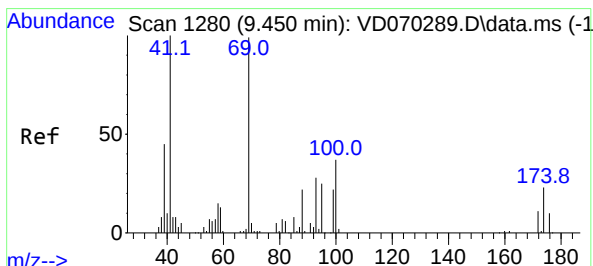
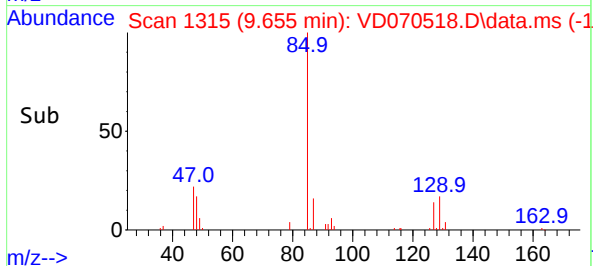
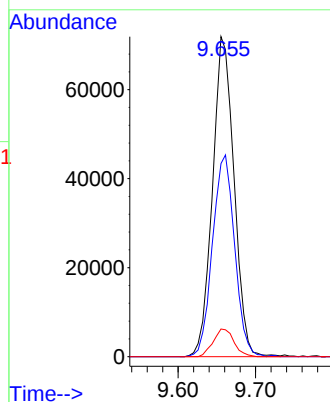
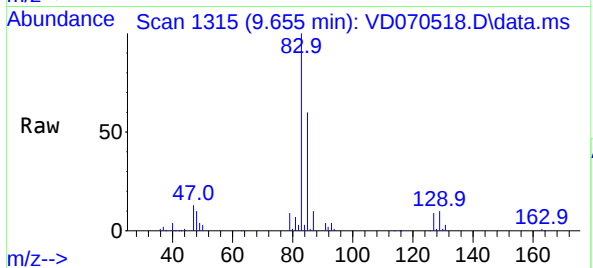
#47  
Bromodichloromethane  
Concen: 19.463 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 83 Resp: 138842  
Ion Ratio Lower Upper  
83 100  
85 60.4 53.0 79.6  
127 8.6 6.3 9.5

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

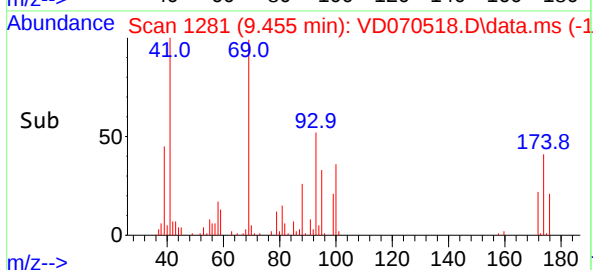
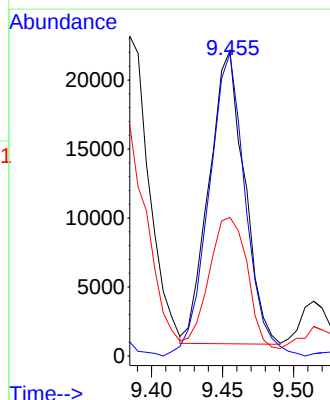
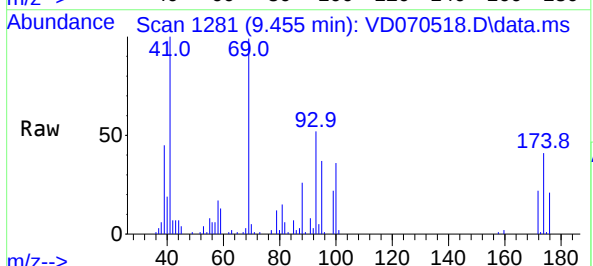
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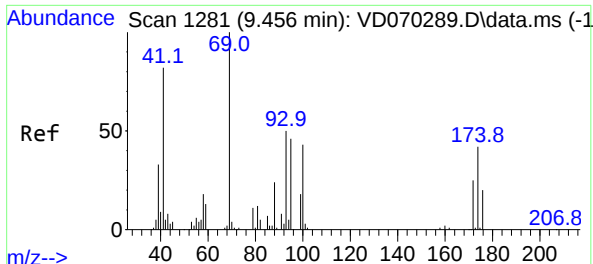
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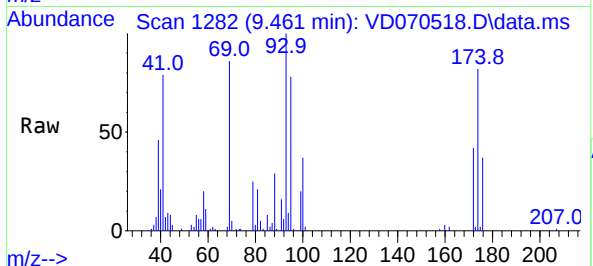
#48  
Methyl methacrylate  
Concen: 16.242 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 41 Resp: 36620  
Ion Ratio Lower Upper  
41 100  
69 107.3 79.8 119.8  
39 48.6 34.4 51.6

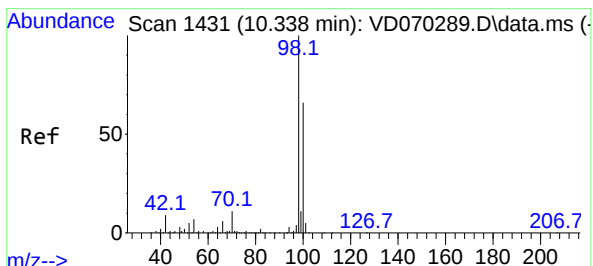
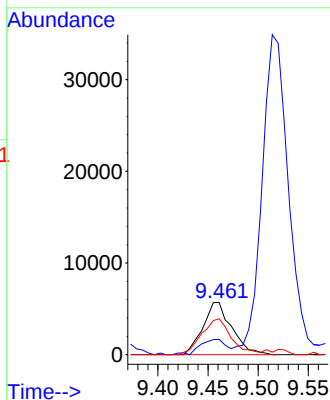
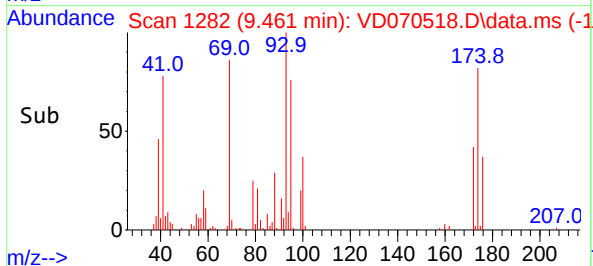




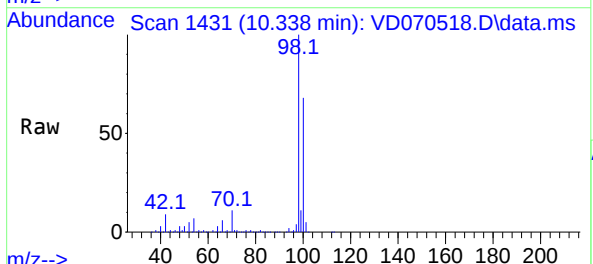
#49  
1,4-Dioxane  
Concen: 405.756 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



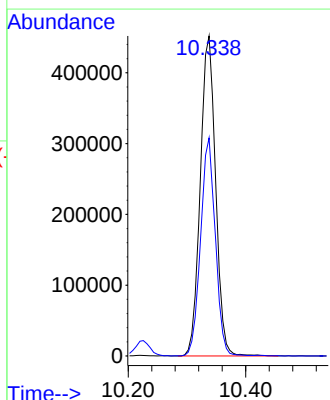
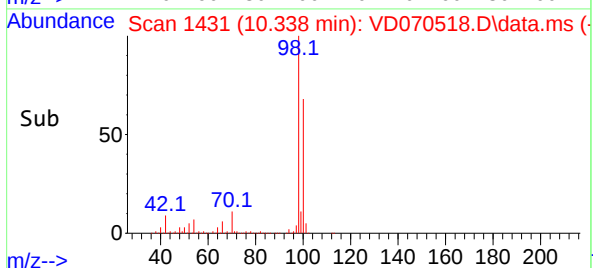
Tgt Ion: 88 Resp: 11364  
Ion Ratio Lower Upper  
88 100  
43 26.9 22.4 33.6  
58 70.8 54.2 81.4



#50  
Toluene-d8  
Concen: 48.002 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



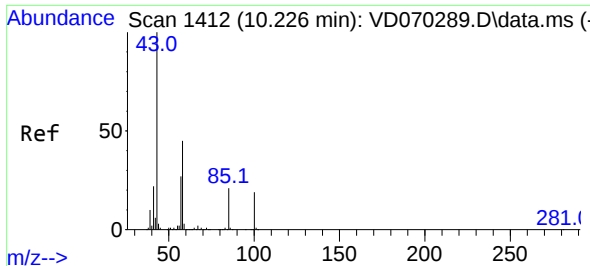
Tgt Ion: 98 Resp: 819711  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.0 78.0



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

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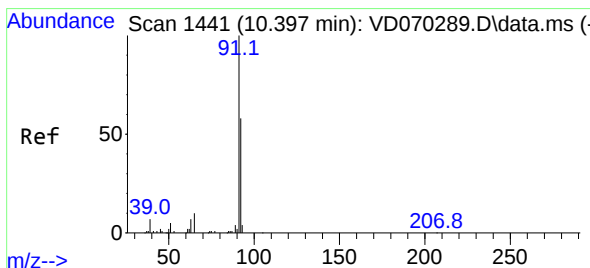
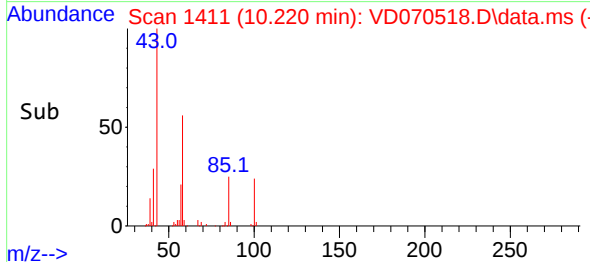
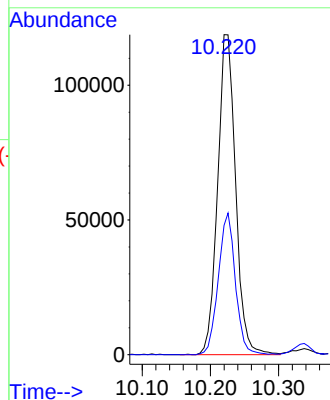
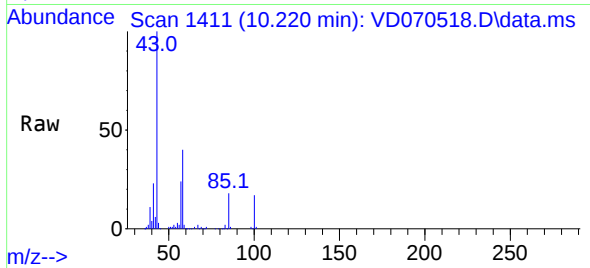
#51  
4-Methyl-2-Pentanone  
Concen: 86.323 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 43 Resp: 218123  
Ion Ratio Lower Upper  
43 100  
58 42.1 35.4 53.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

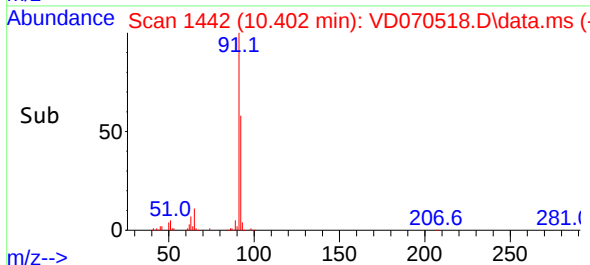
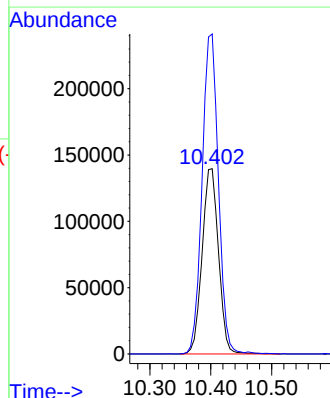
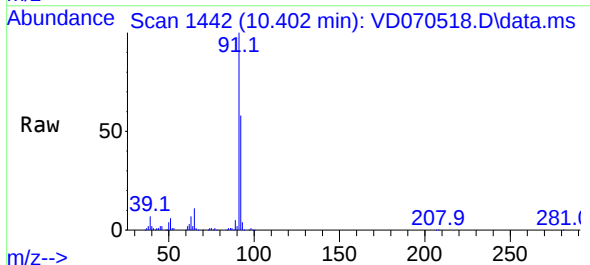
Manual Integrations  
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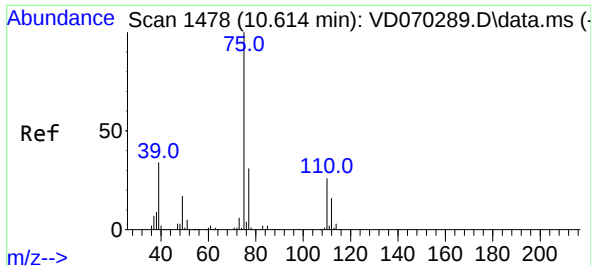
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#52  
Toluene  
Concen: 20.850 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 92 Resp: 260746  
Ion Ratio Lower Upper  
92 100  
91 171.4 136.2 204.2





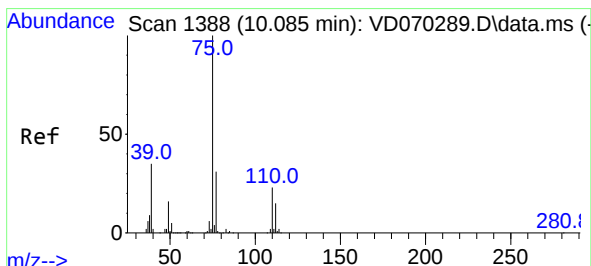
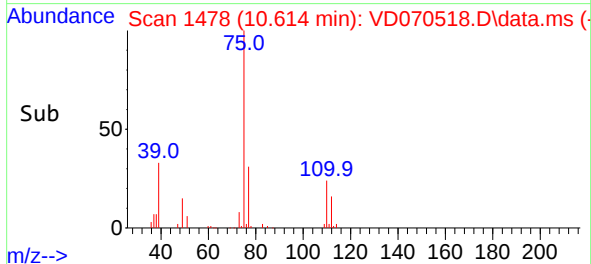
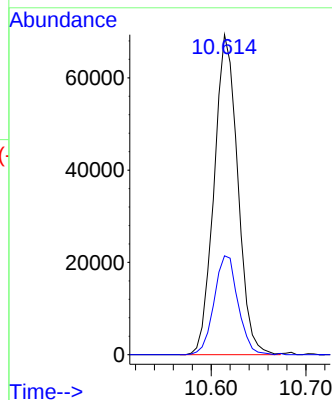
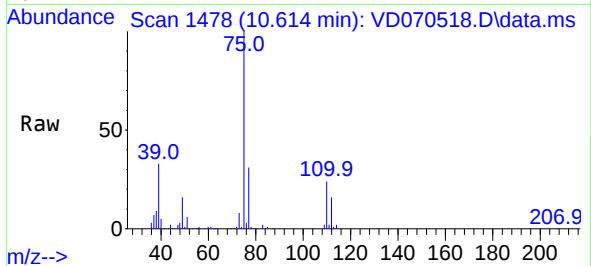
#53  
t-1,3-Dichloropropene  
Concen: 19.603 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 75 Resp: 120295  
Ion Ratio Lower Upper  
75 100  
77 30.9 24.6 37.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

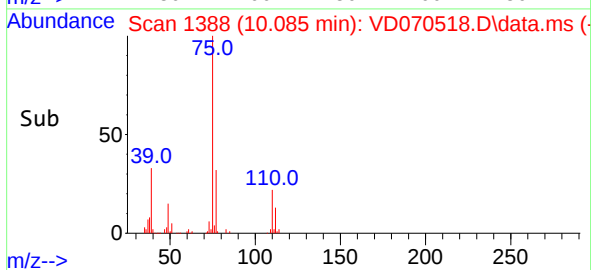
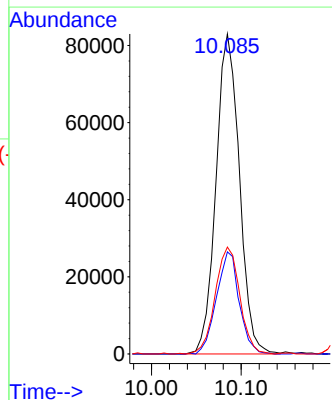
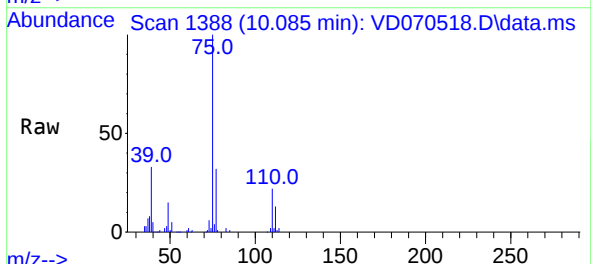
Manual Integrations  
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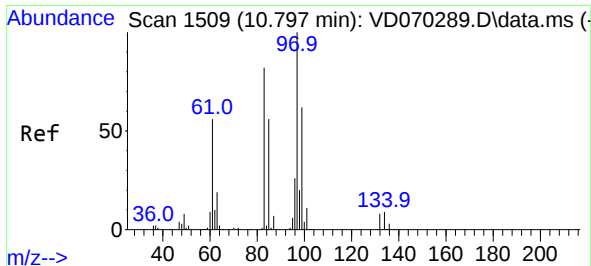
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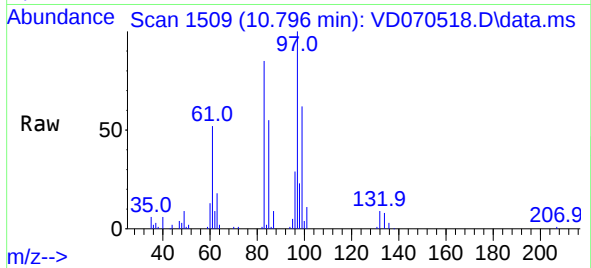
#54  
cis-1,3-Dichloropropene  
Concen: 20.110 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 75 Resp: 150181  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.8 37.2  
39 33.2 27.8 41.6

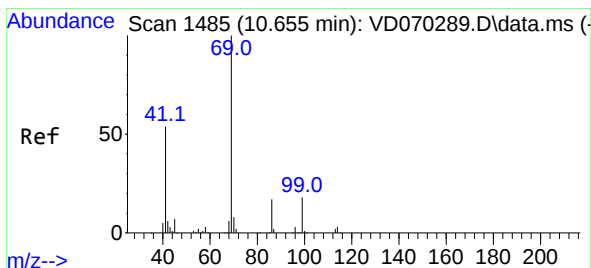
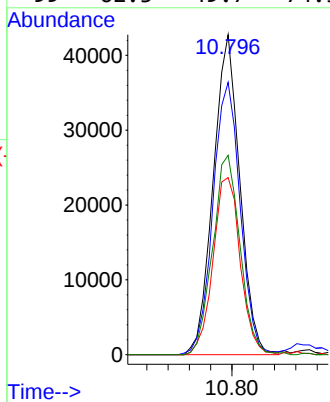
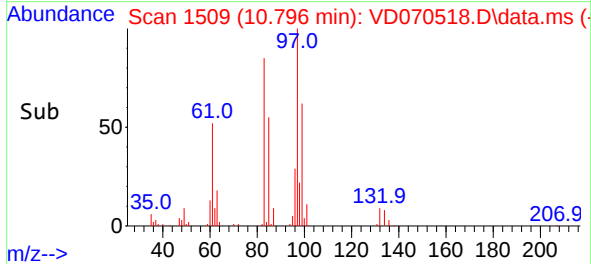




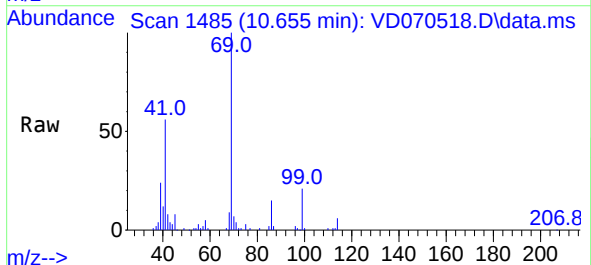
#55  
1,1,2-Trichloroethane  
Concen: 19.252 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



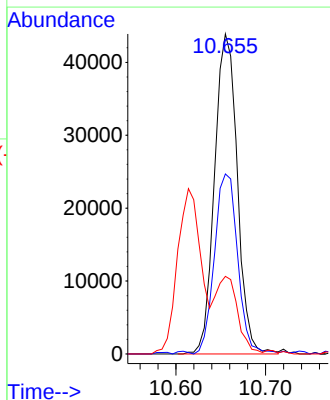
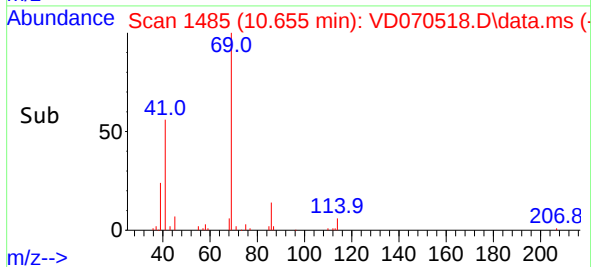
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 74058 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 85.1  | 65.3  | 97.9  |
| 85       | 55.3  | 44.8  | 67.2  |
| 99       | 62.3  | 49.7  | 74.5  |



#56  
Ethyl methacrylate  
Concen: 18.400 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



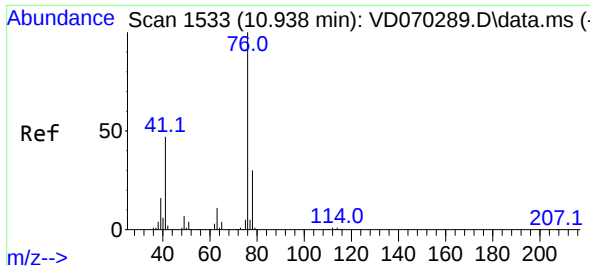
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 77268 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.5  | 43.6  | 65.4  |
| 39       | 23.1  | 18.6  | 28.0  |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

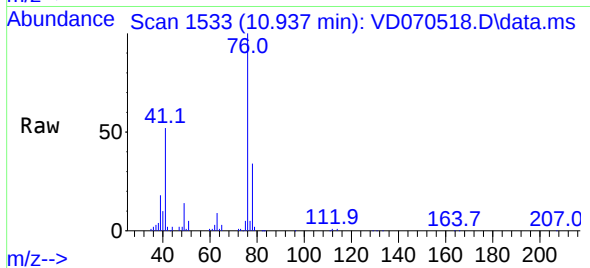
Manual Integrations  
APPROVED

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9/30/2021 6:19:50 PM



#57  
1,3-Dichloropropane  
Concen: 18.650 ug/l  
RT: 10.937 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

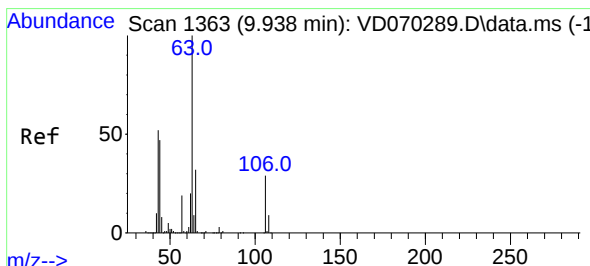
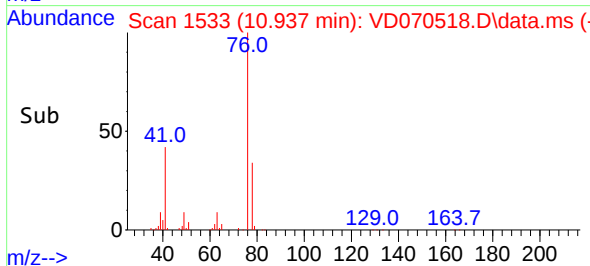
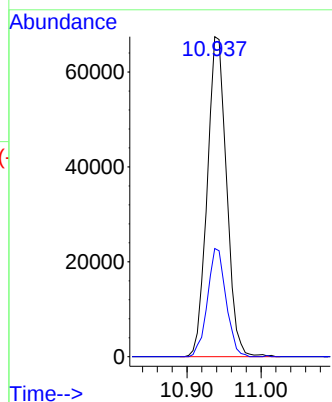
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



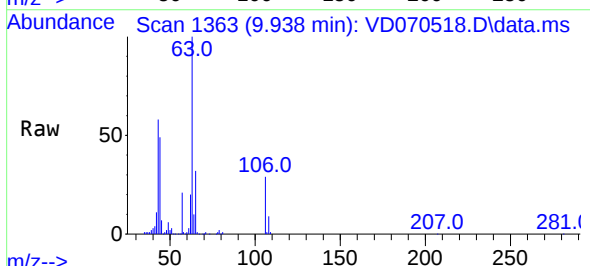
Tgt Ion: 76 Resp: 122140  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.8 38.8

Manual Integrations  
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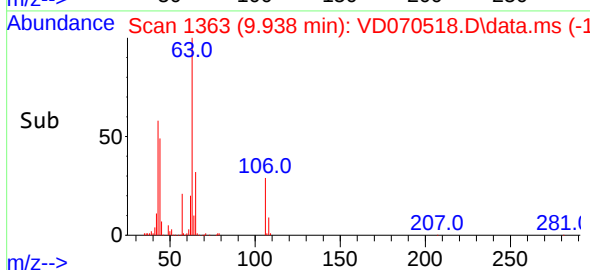
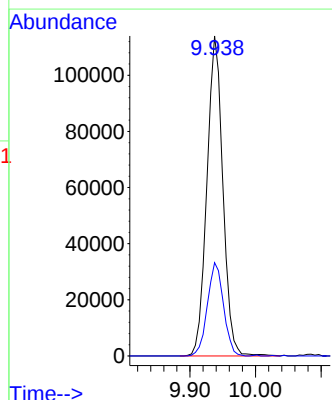
MMDadoda  
9/30/2021 6:19:50 PM

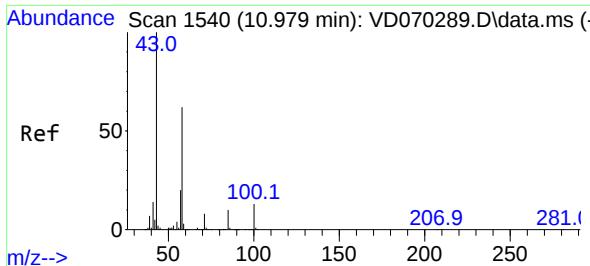


#58  
2-Chloroethyl Vinyl ether  
Concen: 95.516 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 63 Resp: 193322  
Ion Ratio Lower Upper  
63 100  
106 29.4 22.3 33.5





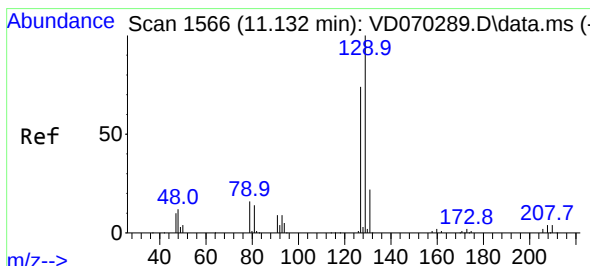
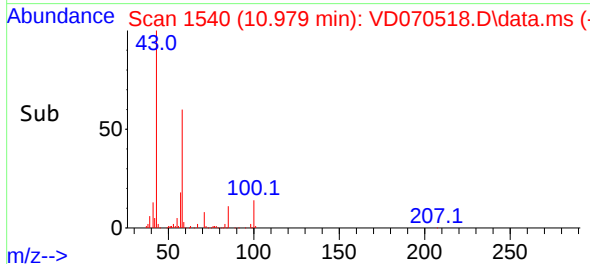
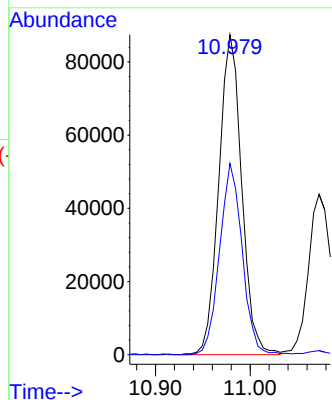
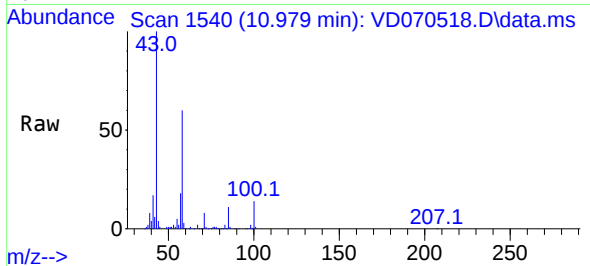
#59  
2-Hexanone  
Concen: 87.152 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 43 Resp: 146930  
Ion Ratio Lower Upper  
43 100  
58 59.0 30.6 91.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

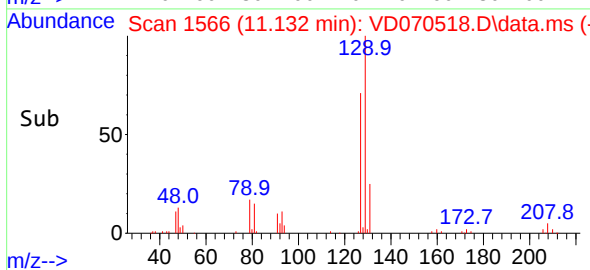
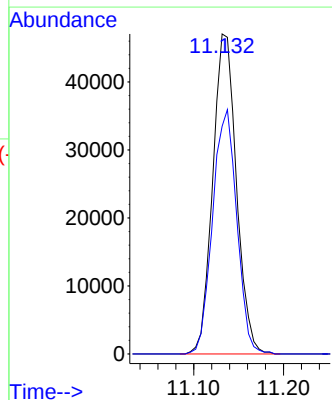
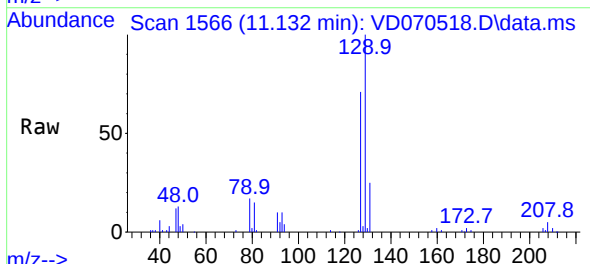
Manual Integrations  
APPROVED

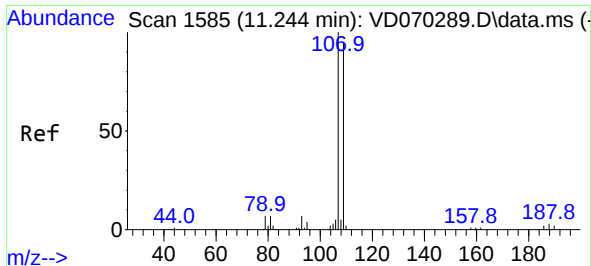
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 19.299 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

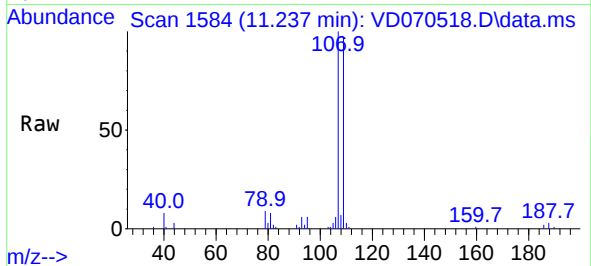
Tgt Ion: 129 Resp: 86394  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.0 114.0





#61  
1,2-Dibromoethane  
Concen: 18.571 ug/l  
RT: 11.237 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

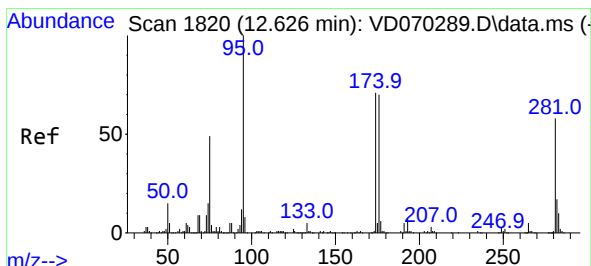
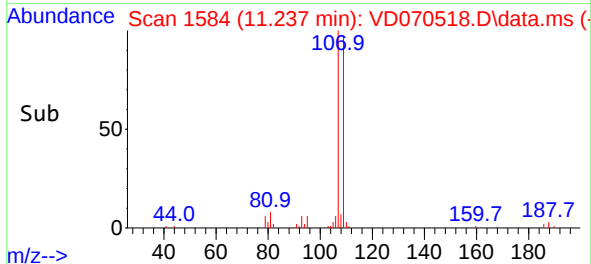
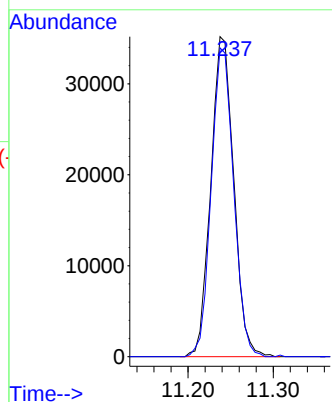
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



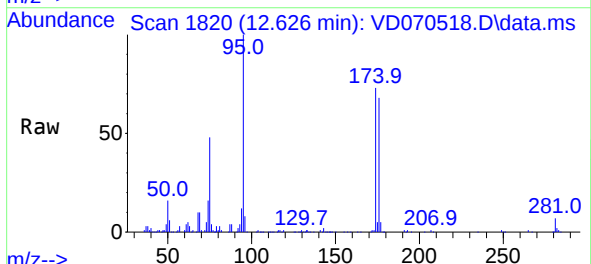
Tgt Ion:107 Resp: 65697  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.6 113.4

Manual Integrations  
APPROVED

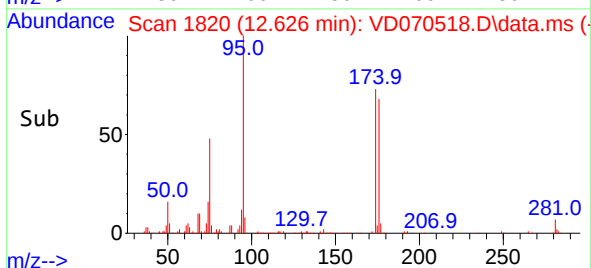
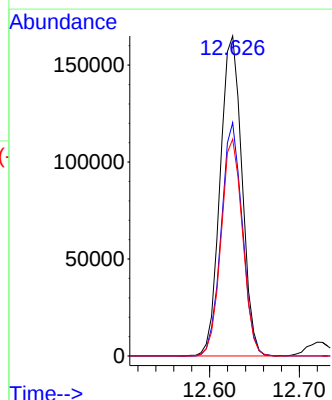
MMDadoda  
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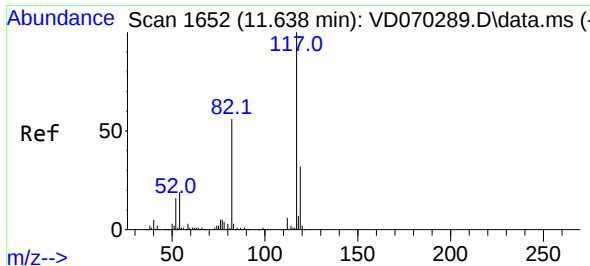


#62  
4-Bromofluorobenzene  
Concen: 46.588 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

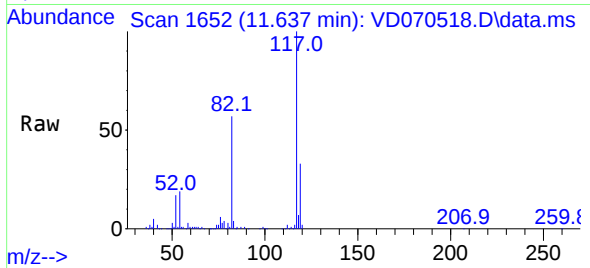


Tgt Ion: 95 Resp: 278042  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 140.6  
176 66.8 0.0 137.4

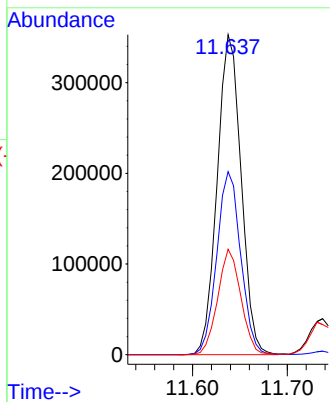
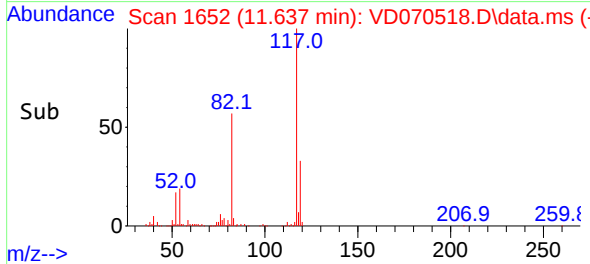




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



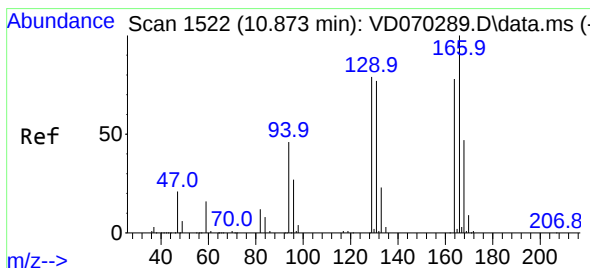
Tgt Ion:117 Resp: 620280  
Ion Ratio Lower Upper  
117 100  
82 57.2 45.0 67.4  
119 32.9 25.2 37.8



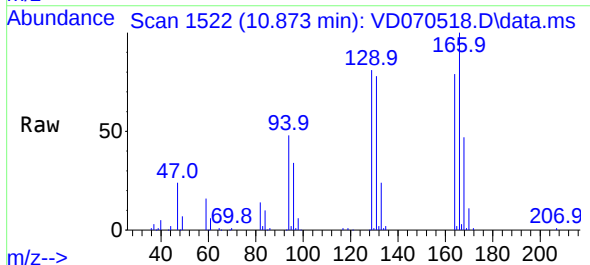
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

Manual Integrations  
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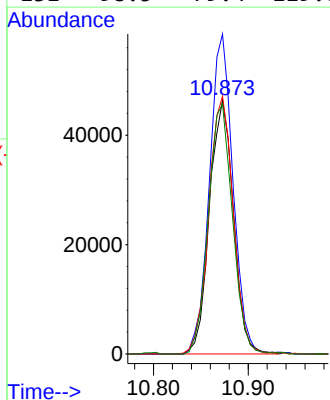
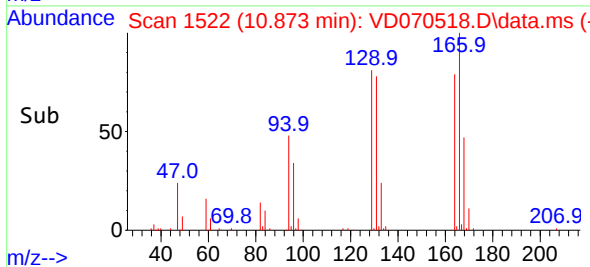
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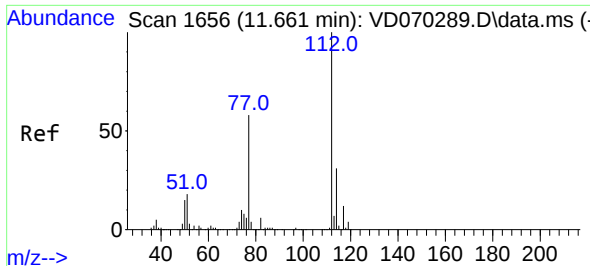


#64  
Tetrachloroethene  
Concen: 21.577 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



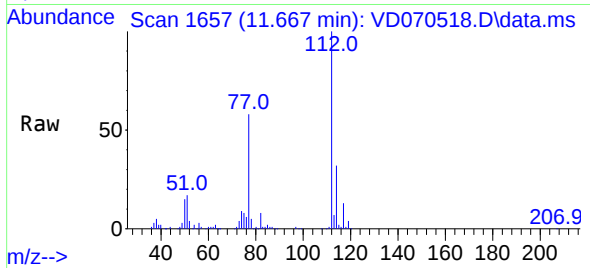
Tgt Ion:164 Resp: 81487  
Ion Ratio Lower Upper  
164 100  
166 126.1 102.4 153.6  
129 101.6 80.9 121.3  
131 98.5 79.4 119.0





#65  
Chlorobenzene  
Concen: 20.220 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

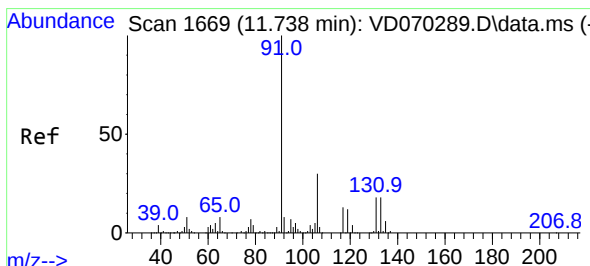
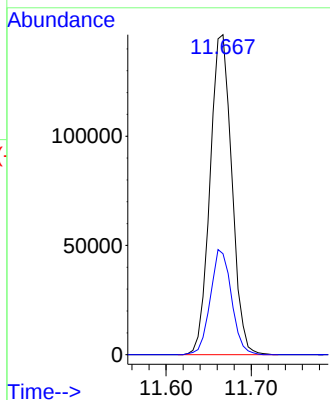
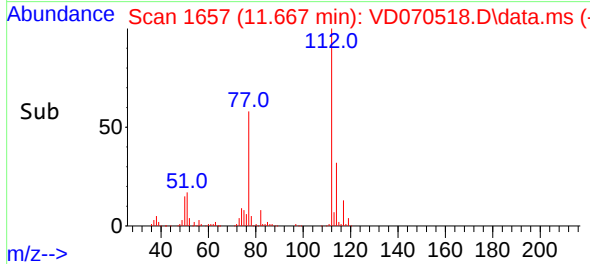
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



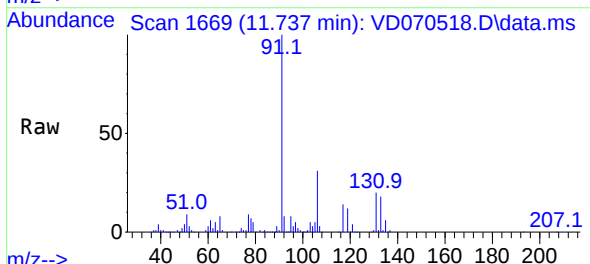
Tgt Ion:112 Resp: 259820  
Ion Ratio Lower Upper  
112 100  
114 31.5 24.7 37.1

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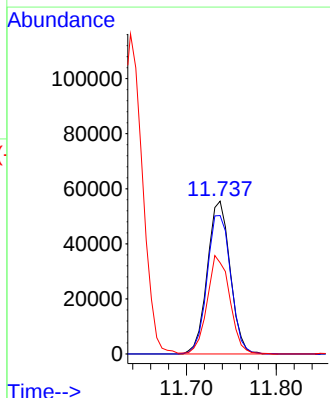
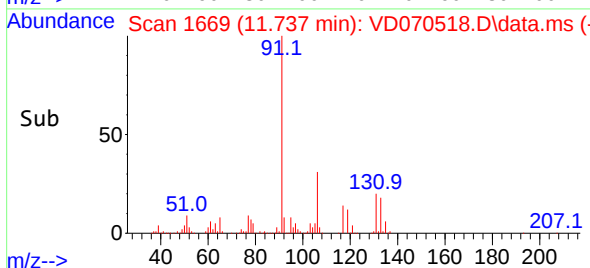
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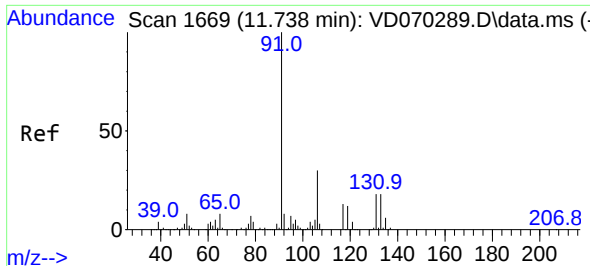


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.838 ug/l  
RT: 11.737 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion:131 Resp: 98069  
Ion Ratio Lower Upper  
131 100  
133 94.1 48.4 145.2  
119 64.0 33.5 100.5





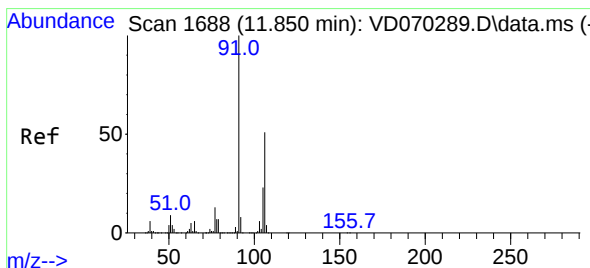
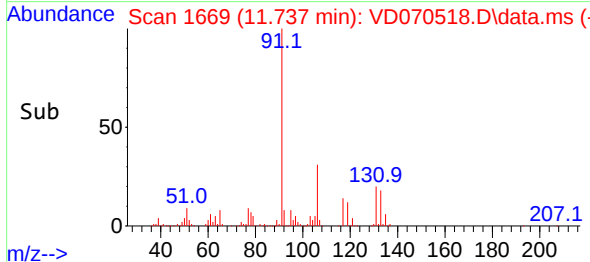
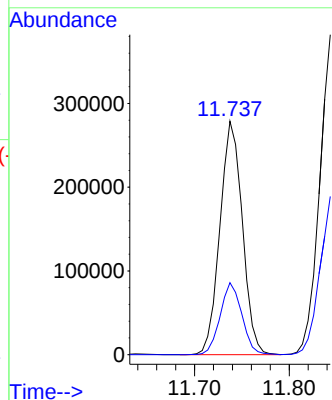
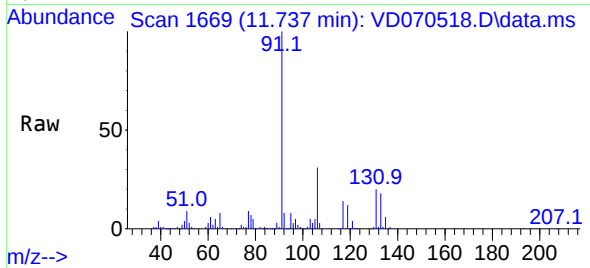
#67  
Ethyl Benzene  
Concen: 20.730 ug/l  
RT: 11.737 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 91 Resp: 459401  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.2 36.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

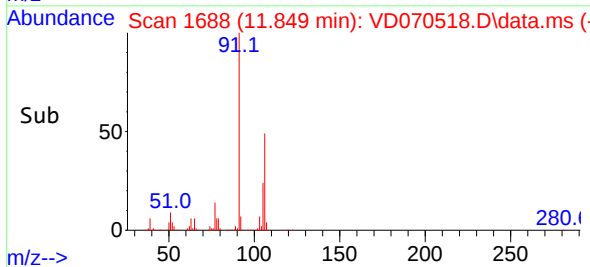
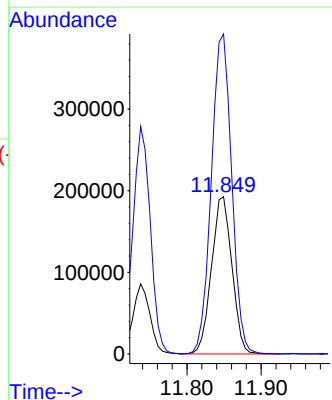
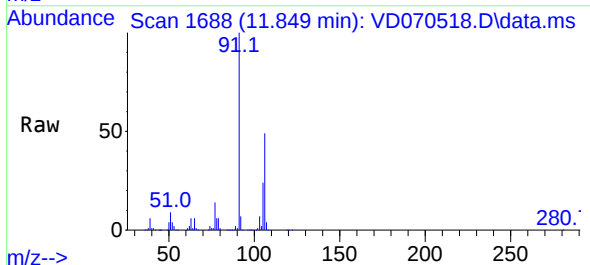
Manual Integrations  
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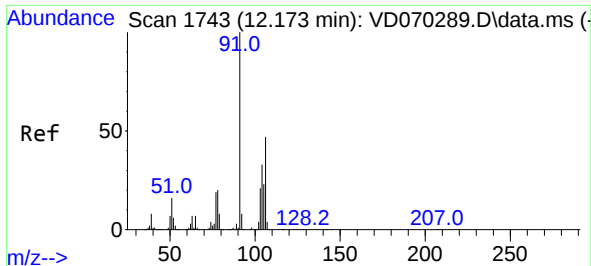
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#68  
m/p-Xylenes  
Concen: 43.098 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:106 Resp: 368882  
Ion Ratio Lower Upper  
106 100  
91 202.7 161.2 241.8





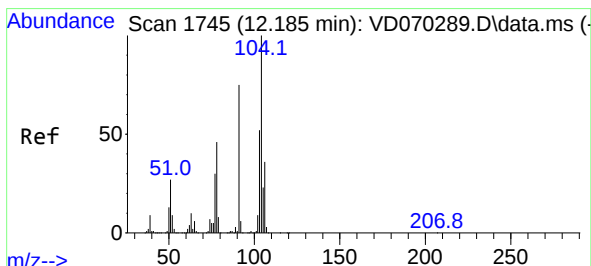
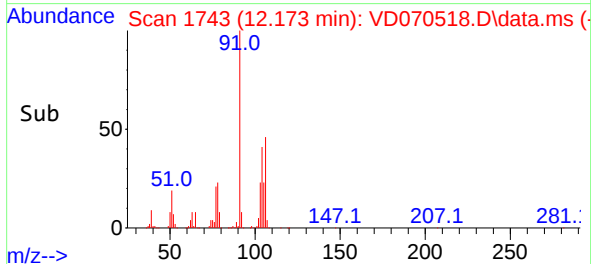
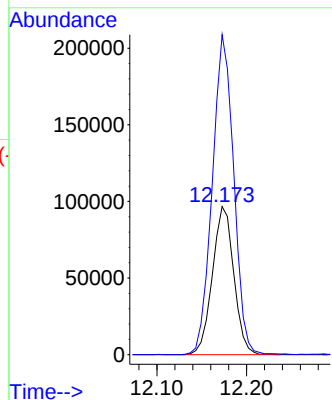
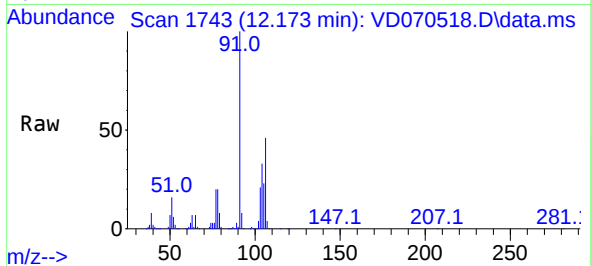
#69  
o-Xylene  
Concen: 20.878 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:106 Resp: 160091  
Ion Ratio Lower Upper  
106 100  
91 216.9 106.3 318.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

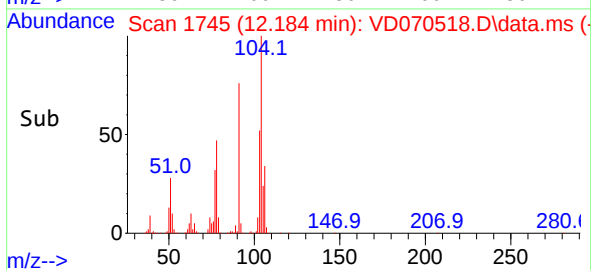
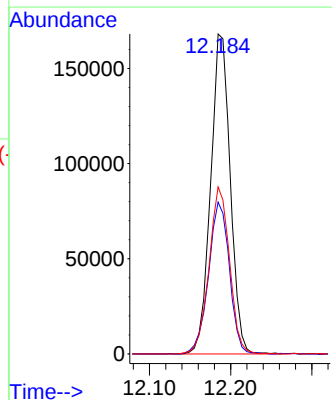
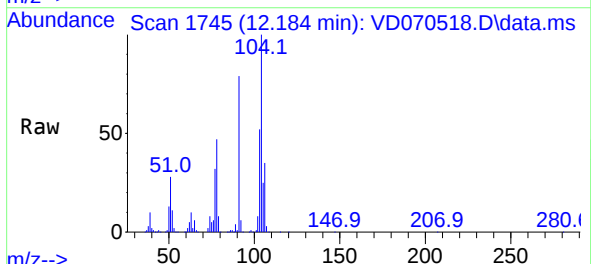
Manual Integrations  
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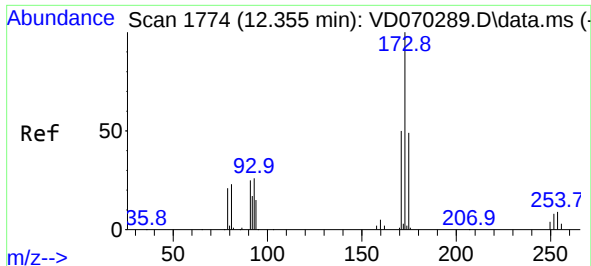
MMDadoda  
9/30/2021 6:19:50 PM



#70  
Styrene  
Concen: 21.094 ug/l  
RT: 12.184 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:104 Resp: 282547  
Ion Ratio Lower Upper  
104 100  
78 50.4 38.6 57.8  
103 54.5 43.4 65.0





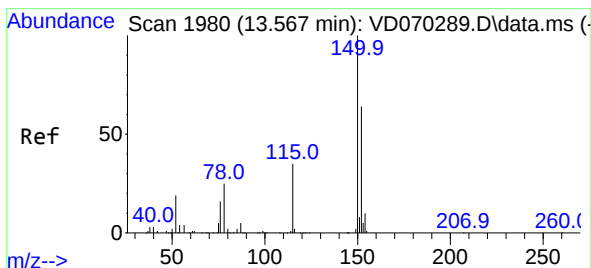
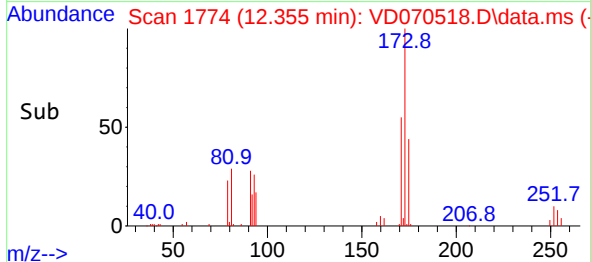
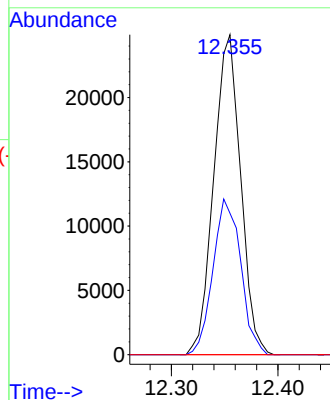
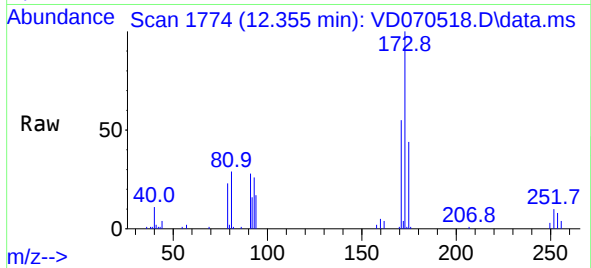
#71  
Bromoform  
Concen: 18.726 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:173 Resp: 43557  
Ion Ratio Lower Upper  
173 100  
175 50.3 25.1 75.2  
254 0.0 0.1 0.1#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

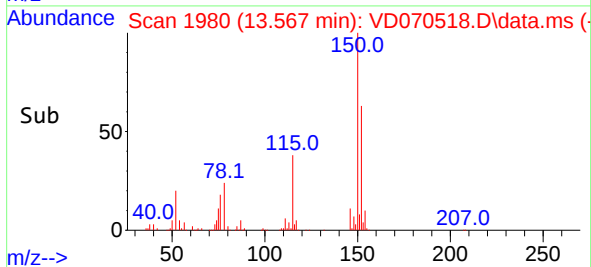
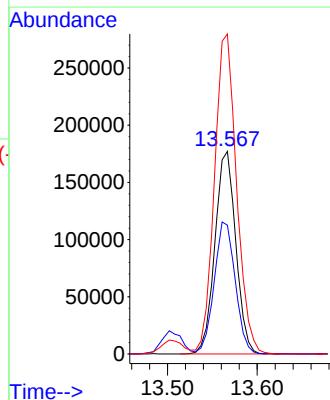
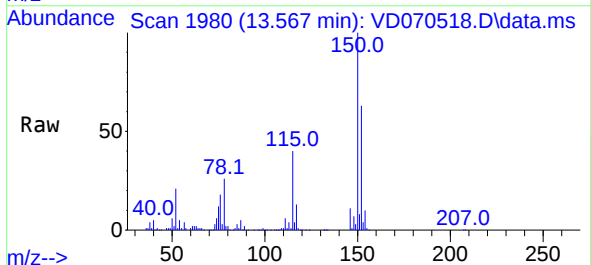
Manual Integrations  
APPROVED

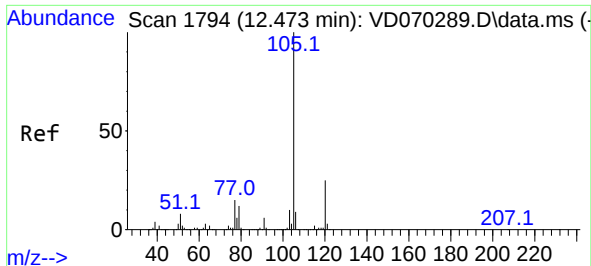
MMDadoda  
9/30/2021 6:19:50 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

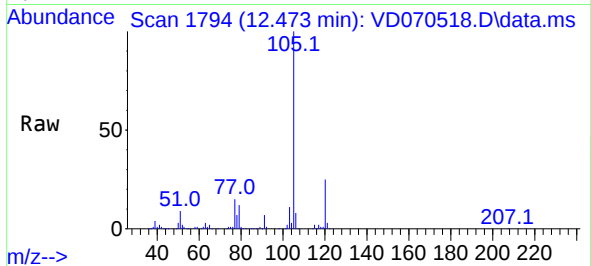
Tgt Ion:152 Resp: 286126  
Ion Ratio Lower Upper  
152 100  
115 65.5 32.1 96.3  
150 167.4 0.0 350.6





#73  
Isopropylbenzene  
Concen: 21.501 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

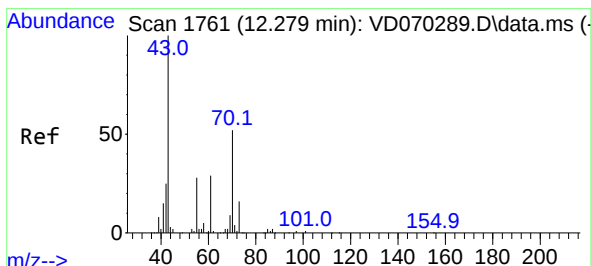
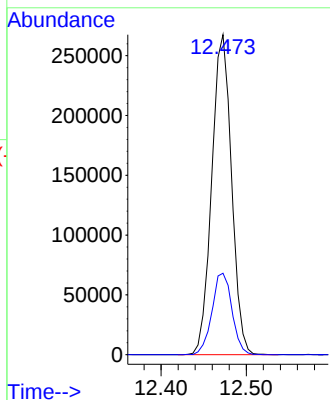
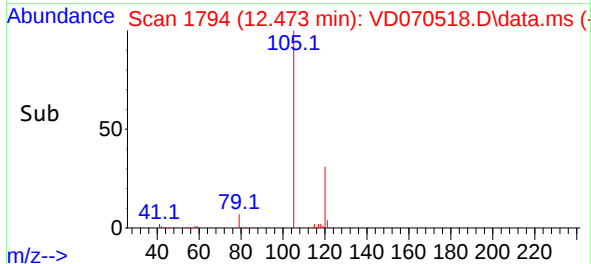
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



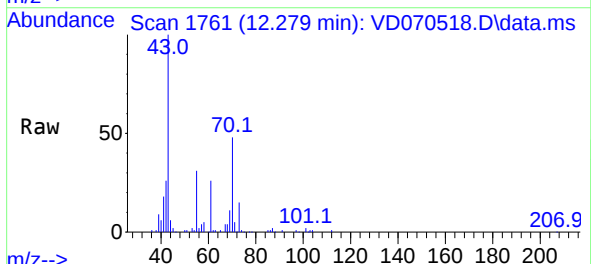
Tgt Ion:105 Resp: 431440  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.0 38.9

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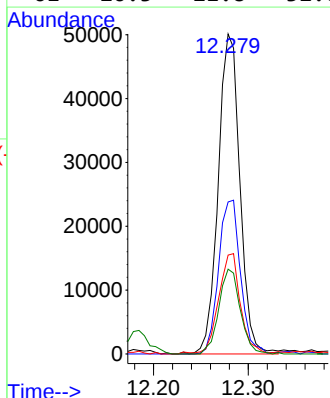
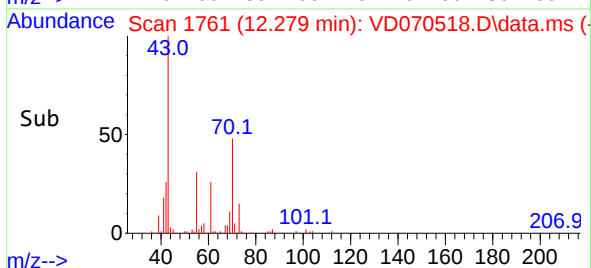
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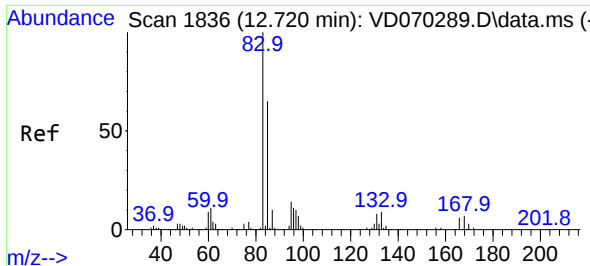


#74  
N-ethyl acetate  
Concen: 18.273 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion: 43 Resp: 79891  
Ion Ratio Lower Upper  
43 100  
70 48.7 41.4 62.0  
55 31.7 22.8 34.2  
61 26.3 21.8 32.6





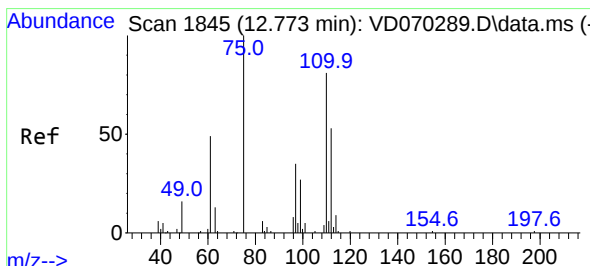
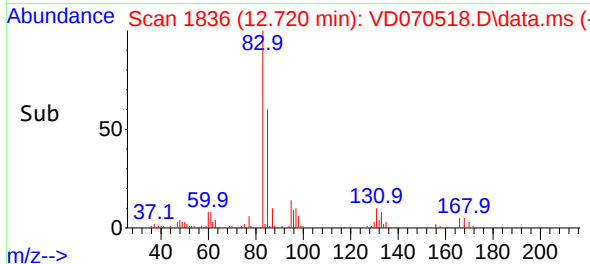
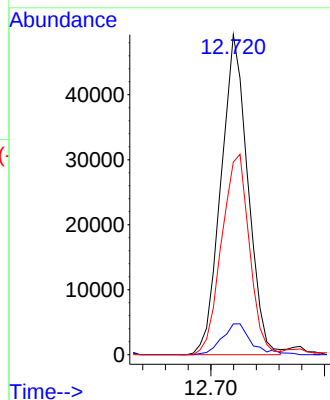
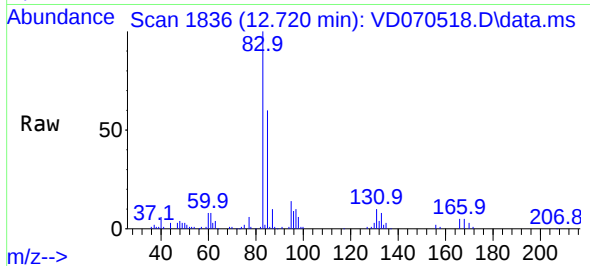
#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.820 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 83 Resp: 80882  
Ion Ratio Lower Upper  
83 100  
131 10.5 4.8 14.4  
85 64.7 32.1 96.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

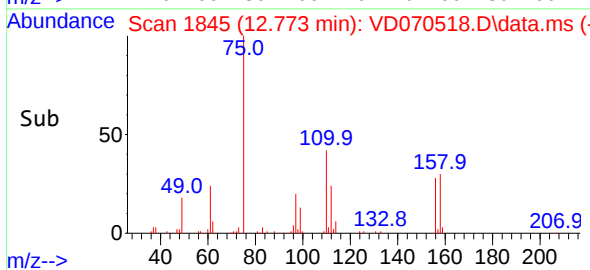
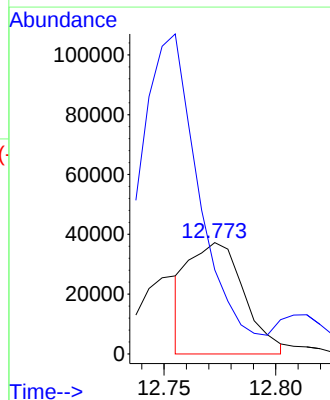
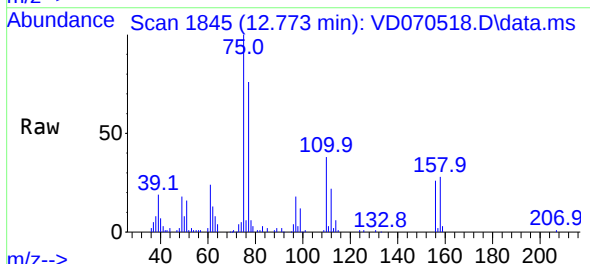
Manual Integrations  
APPROVED

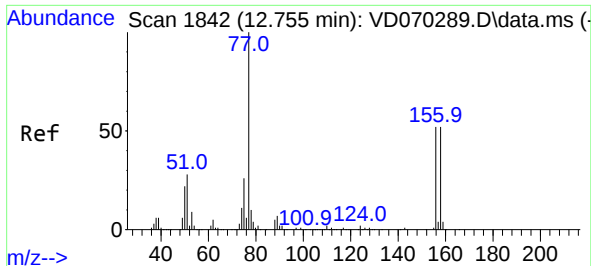
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#76  
1,2,3-Trichloropropane  
Concen: 22.157 ug/l m  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 75 Resp: 64126  
Ion Ratio Lower Upper  
75 100  
77 316.7 174.9 524.7





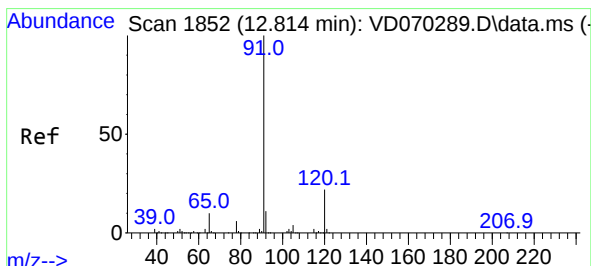
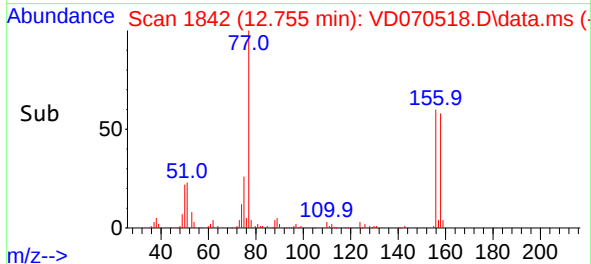
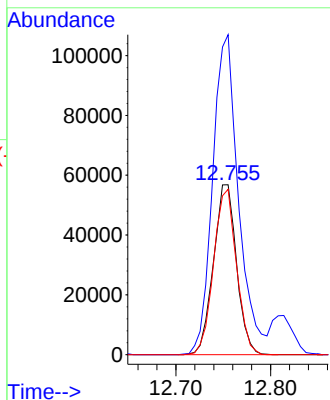
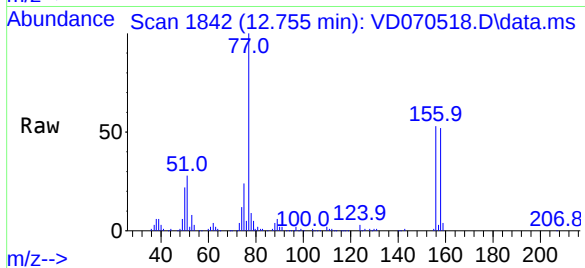
#77  
Bromobenzene  
Concen: 20.791 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:156 Resp: 96252  
Ion Ratio Lower Upper  
156 100  
77 211.0 104.3 312.8  
158 96.4 49.4 148.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

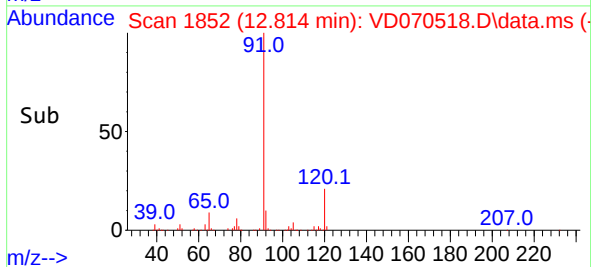
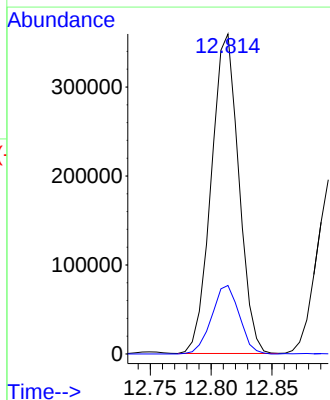
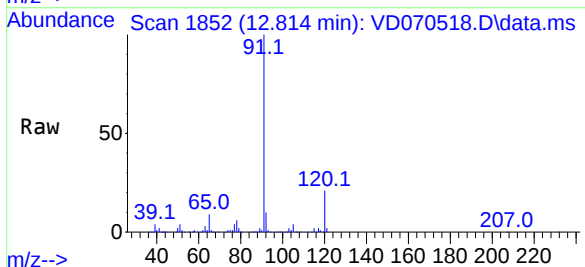
Manual Integrations  
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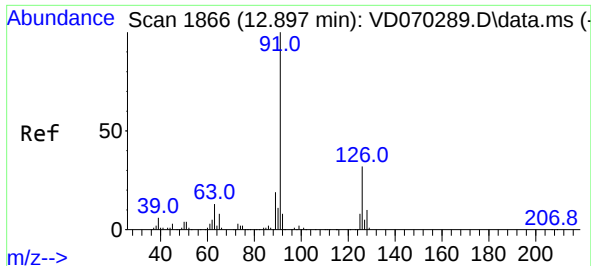
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#78  
n-propylbenzene  
Concen: 21.689 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

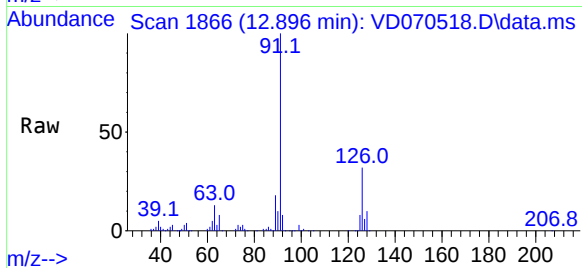
Tgt Ion: 91 Resp: 564855  
Ion Ratio Lower Upper  
91 100  
120 21.6 11.0 33.0





#79  
2-Chlorotoluene  
Concen: 21.571 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

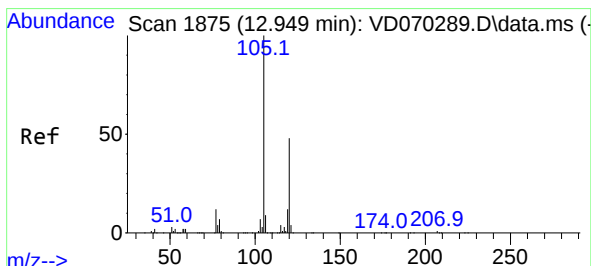
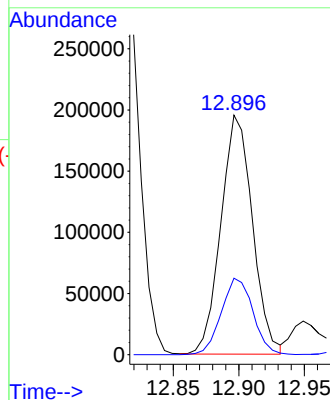
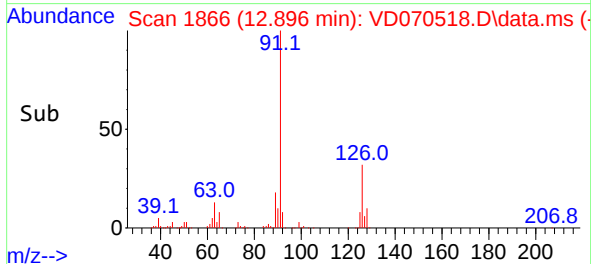
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



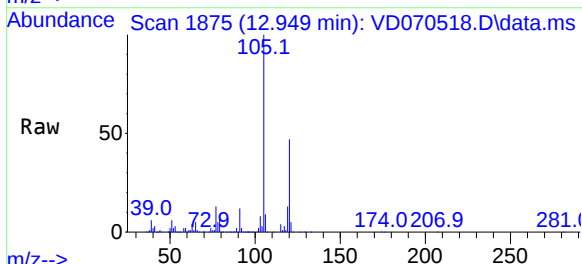
Tgt Ion: 91 Resp: 327452  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.2 48.6

Manual Integrations  
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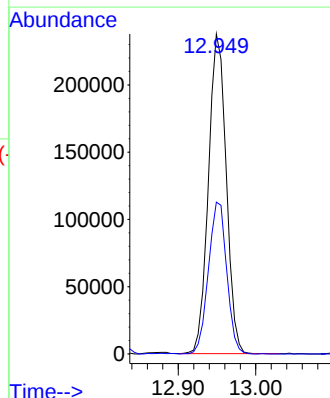
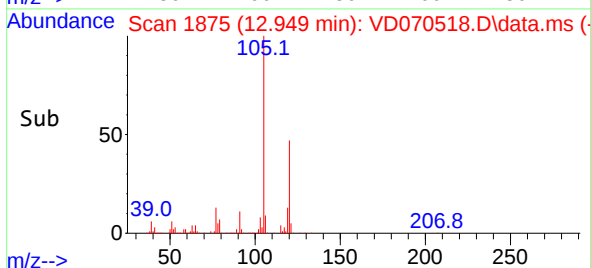
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#80  
1,3,5-Trimethylbenzene  
Concen: 21.874 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



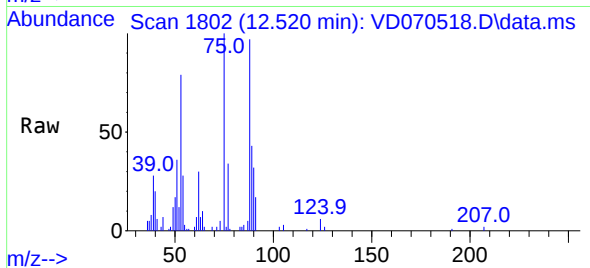
Tgt Ion: 105 Resp: 378805  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.111 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

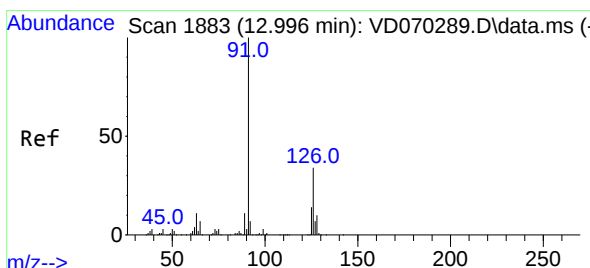
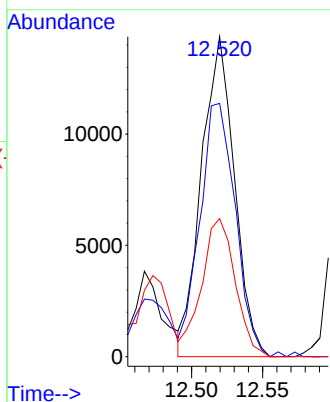
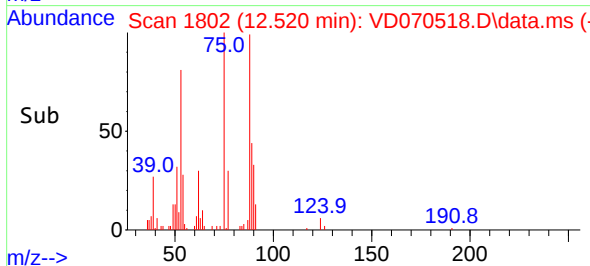
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



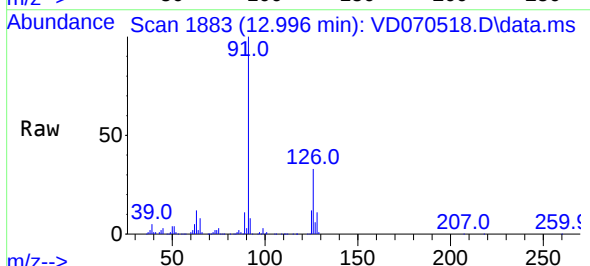
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 85.5  | 64.2  | 96.2  |
| 89      | 44.2  | 35.6  | 53.4  |

Manual Integrations  
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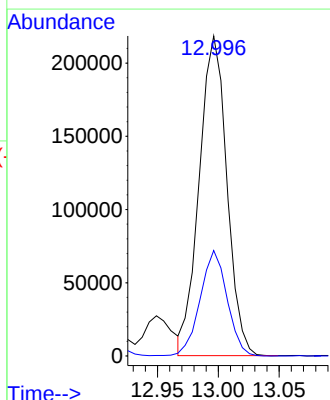
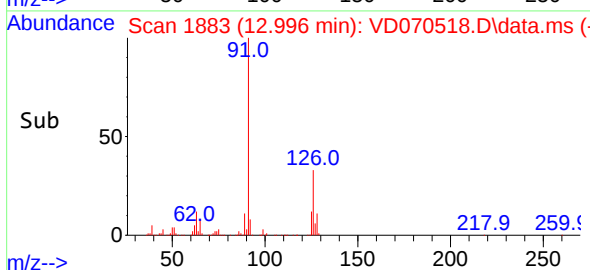
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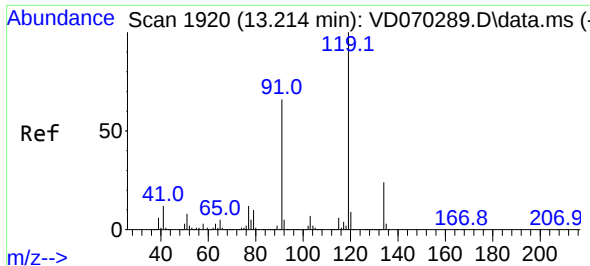


#82  
4-Chlorotoluene  
Concen: 21.536 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



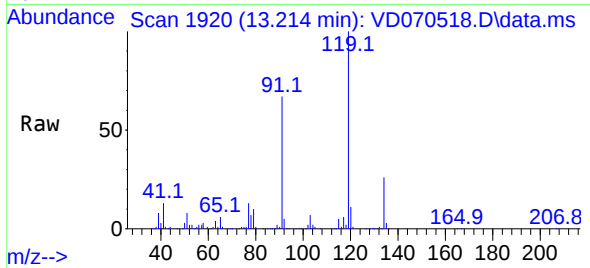
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.2  | 16.2  | 48.5  |





#83  
tert-Butylbenzene  
Concen: 21.801 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

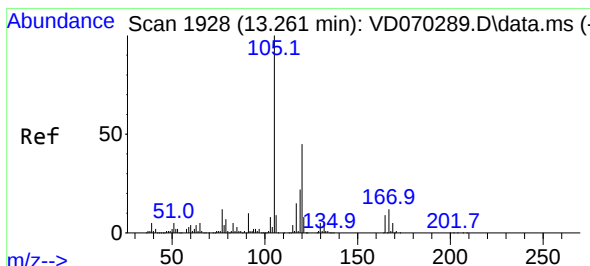
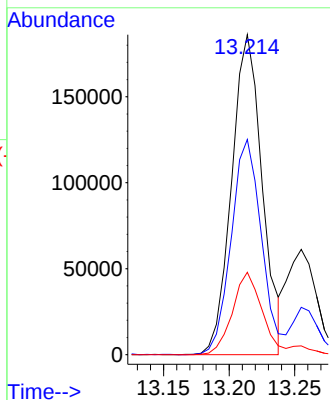
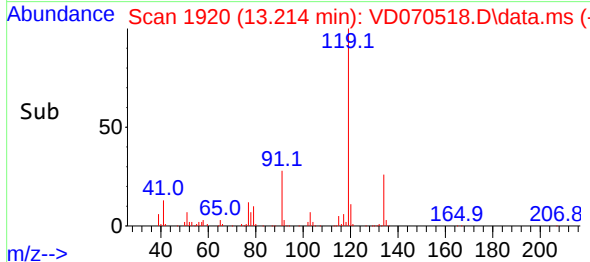
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



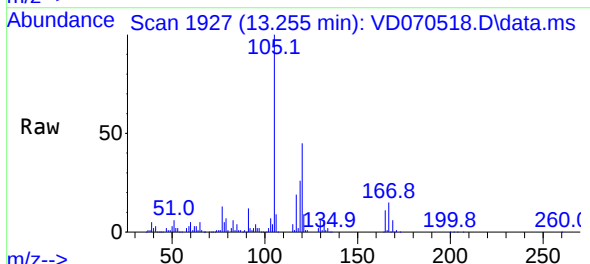
Tgt Ion:119 Resp: 302788  
Ion Ratio Lower Upper  
119 100  
91 67.1 33.7 101.0  
134 24.8 13.2 39.5

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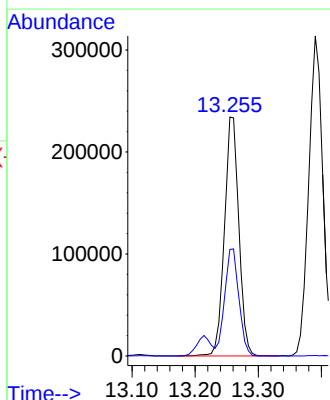
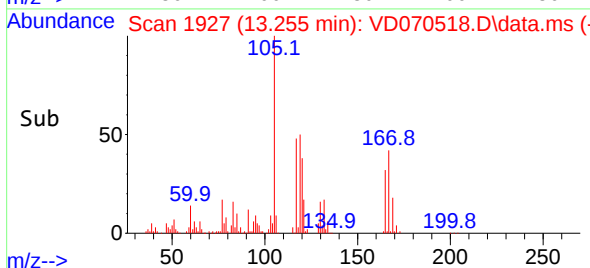
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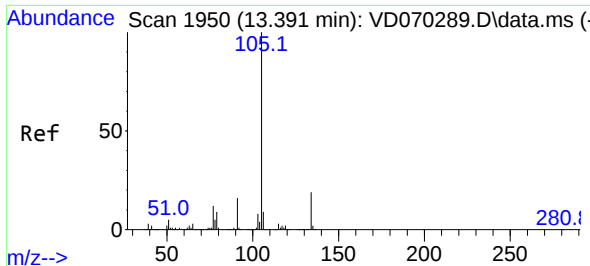


#84  
1,2,4-Trimethylbenzene  
Concen: 21.796 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



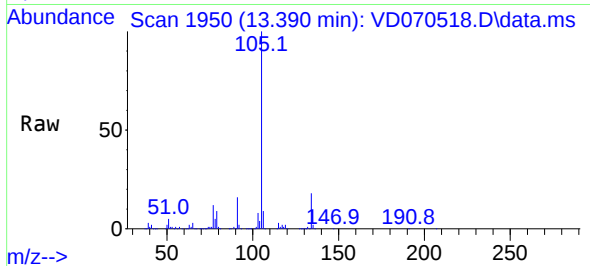
Tgt Ion:105 Resp: 371699  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.3 66.8





#85  
 sec-Butylbenzene  
 Concen: 22.004 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070518.D  
 Acq: 29 Sep 2021 12:59

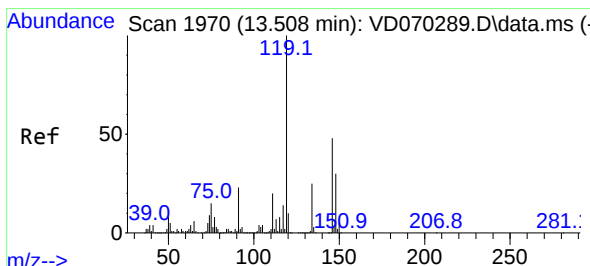
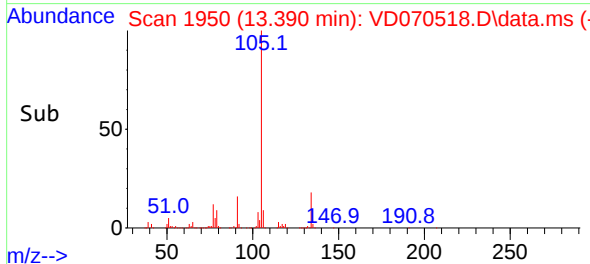
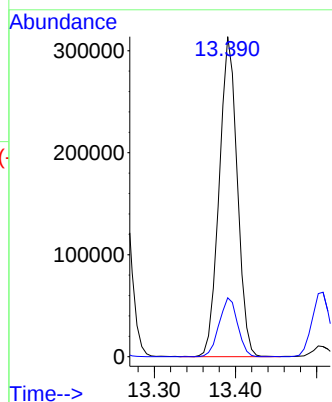
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0929SBSD01



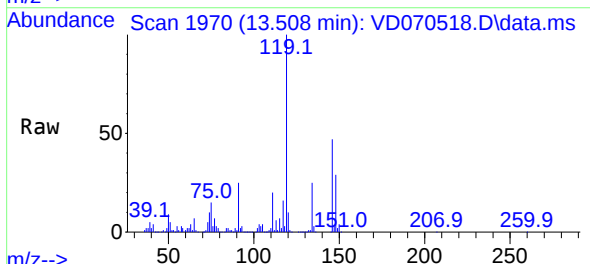
Tgt Ion:105 Resp: 485797  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.8 29.3

Manual Integrations  
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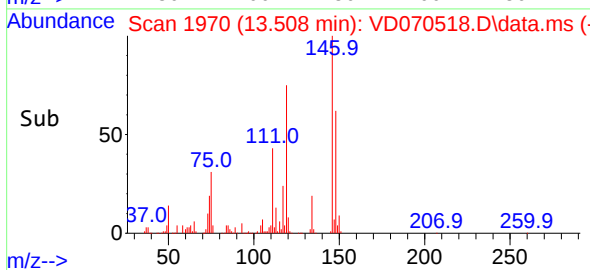
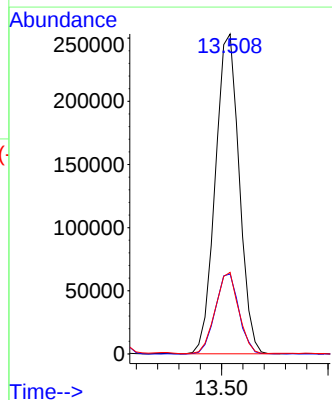
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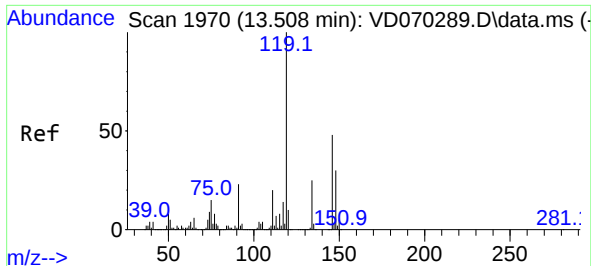


#86  
 p-Isopropyltoluene  
 Concen: 22.154 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. -0.000 min  
 Lab File: VD070518.D  
 Acq: 29 Sep 2021 12:59



Tgt Ion:119 Resp: 392970  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 12.7 38.0  
 91 24.8 11.8 35.3





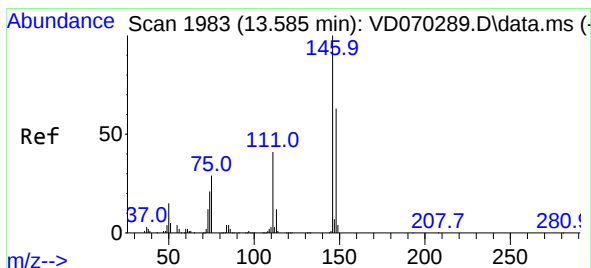
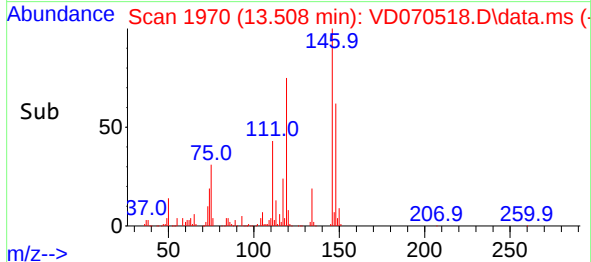
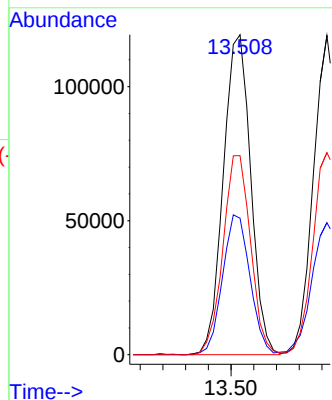
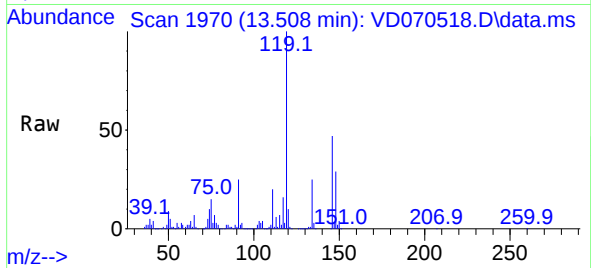
#87  
1,3-Dichlorobenzene  
Concen: 20.771 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:146 Resp: 200192  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.5 64.5  
148 62.9 31.4 94.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01

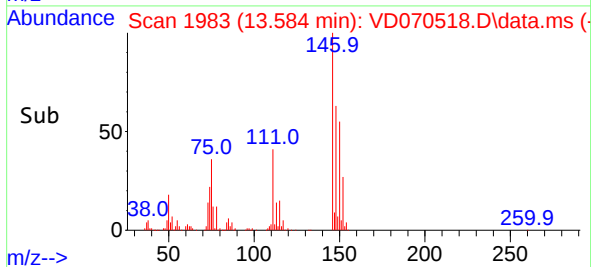
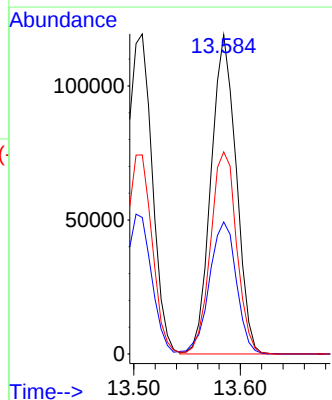
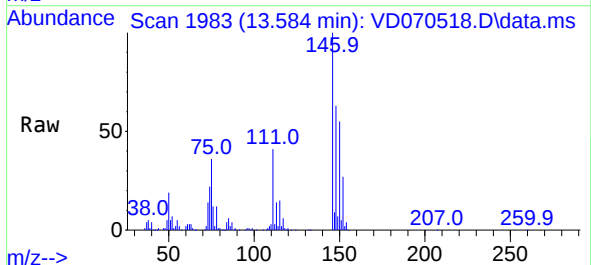
Manual Integrations  
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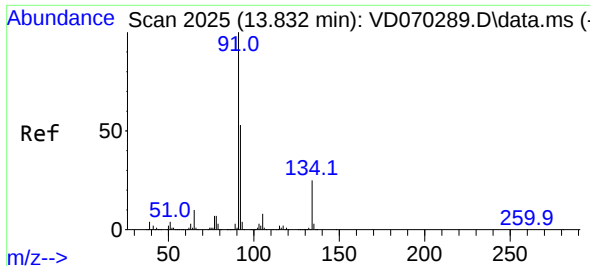
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#88  
1,4-Dichlorobenzene  
Concen: 20.171 ug/l  
RT: 13.584 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:146 Resp: 195137  
Ion Ratio Lower Upper  
146 100  
111 44.4 20.9 62.8  
148 65.6 31.9 95.5





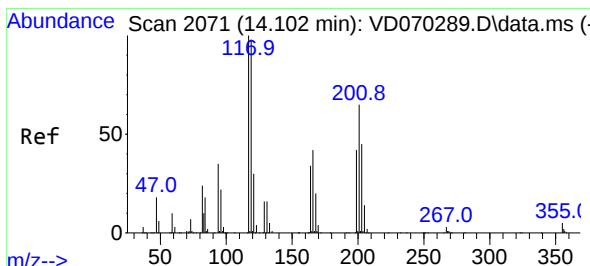
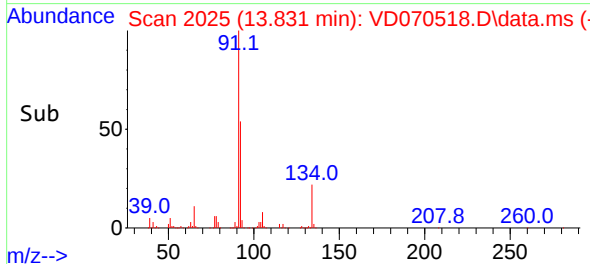
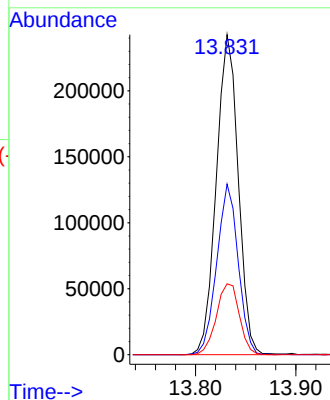
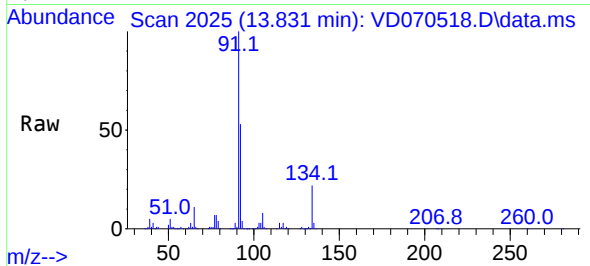
#89  
n-Butylbenzene  
Concen: 20.807 ug/l  
RT: 13.831 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion: 91 Resp: 367991  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.8 80.4  
134 23.3 12.1 36.3

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

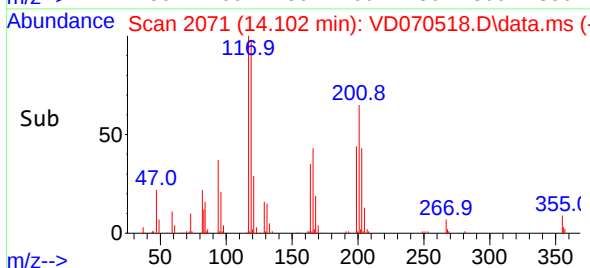
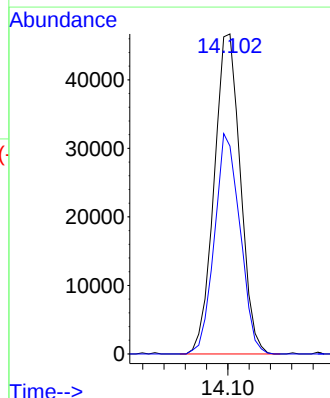
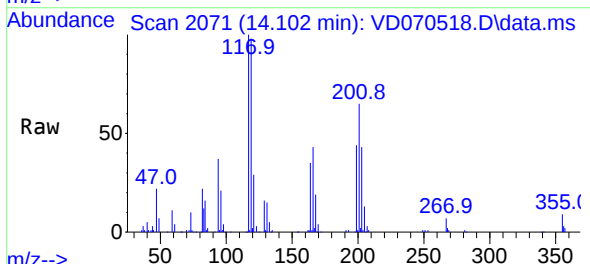
Manual Integrations  
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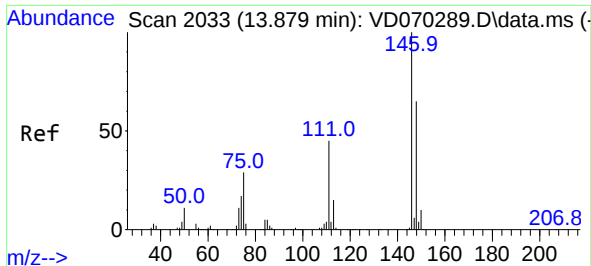
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#90  
Hexachloroethane  
Concen: 19.638 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

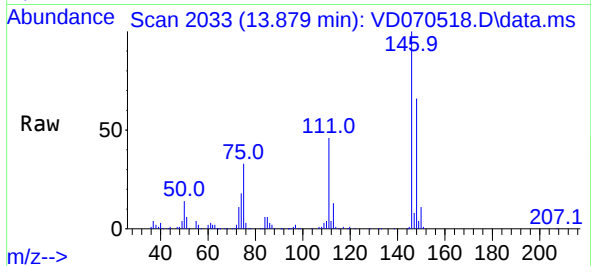
Tgt Ion: 117 Resp: 79741  
Ion Ratio Lower Upper  
117 100  
201 67.1 31.9 95.9





#91  
1,2-Dichlorobenzene  
Concen: 20.092 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

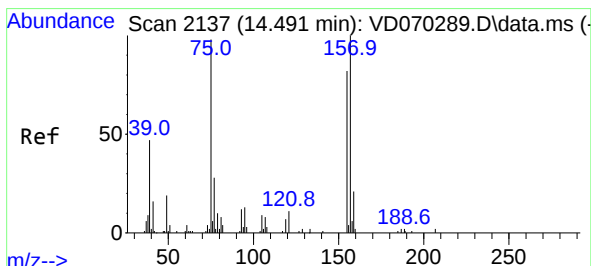
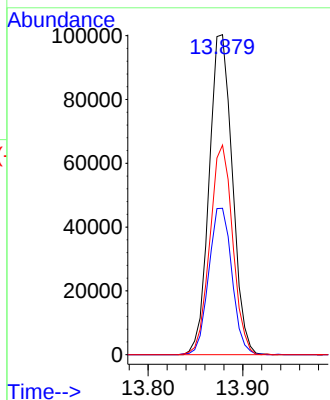
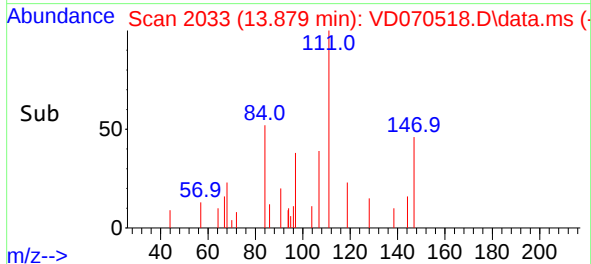
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBSD01



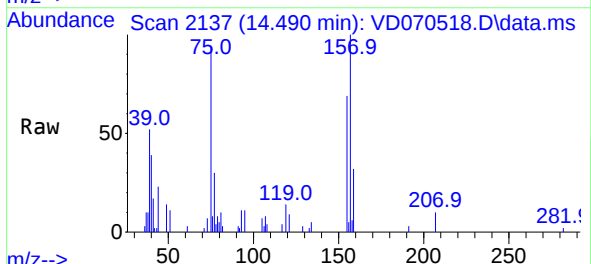
Tgt Ion:146 Resp: 170863  
Ion Ratio Lower Upper  
146 100  
111 45.7 21.9 65.7  
148 64.5 31.7 95.1

Manual Integrations  
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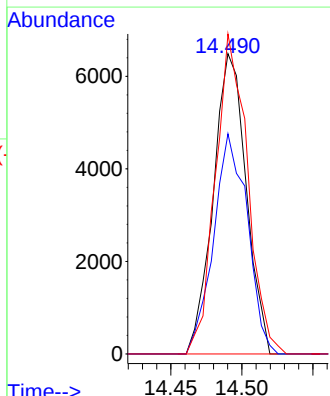
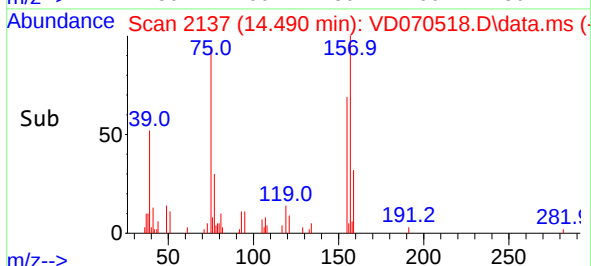
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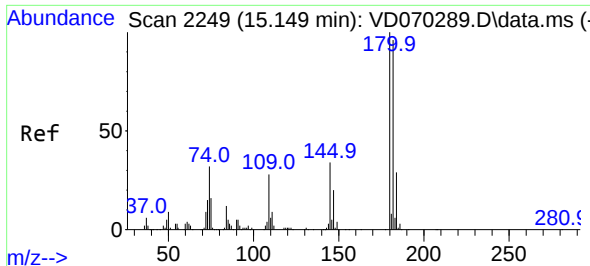


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.256 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



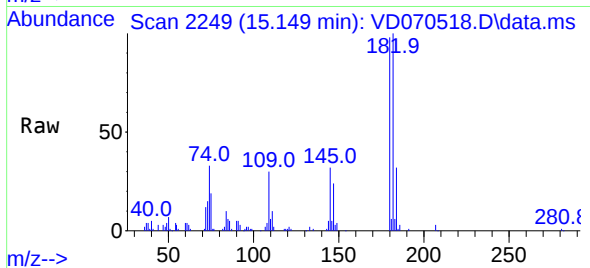
Tgt Ion: 75 Resp: 10463  
Ion Ratio Lower Upper  
75 100  
155 75.1 40.3 120.9  
157 103.9 48.9 146.6





#93  
1,2,4-Trichlorobenzene  
Concen: 20.219 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

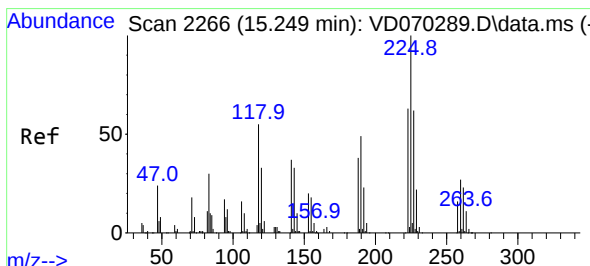
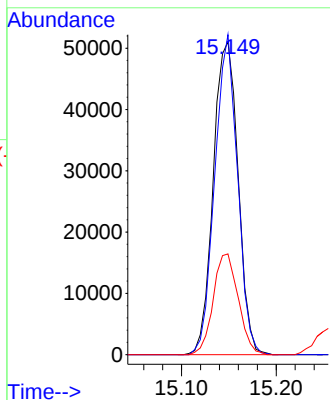
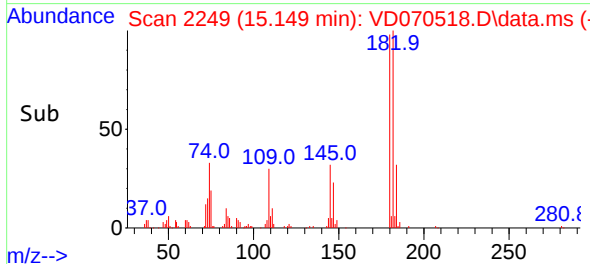
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01



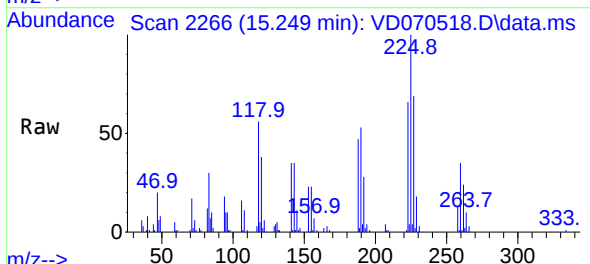
Tgt Ion:180 Resp: 92849  
Ion Ratio Lower Upper  
180 100  
182 93.8 48.1 144.4  
145 32.6 16.8 50.4

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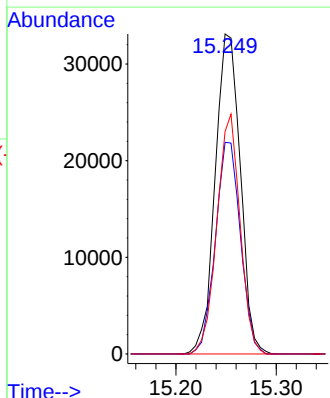
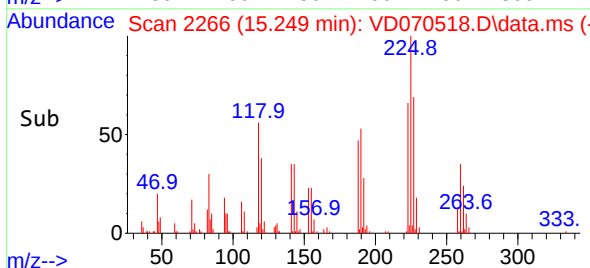
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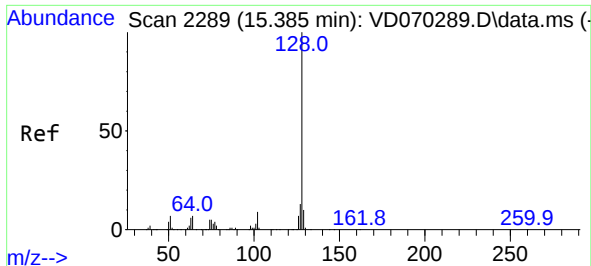


#94  
Hexachlorobutadiene  
Concen: 20.398 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59



Tgt Ion:225 Resp: 57456  
Ion Ratio Lower Upper  
225 100  
223 66.0 31.4 94.3  
227 69.0 32.7 98.1





#95  
Naphthalene  
Concen: 18.222 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

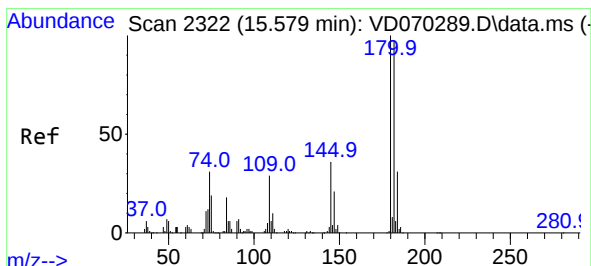
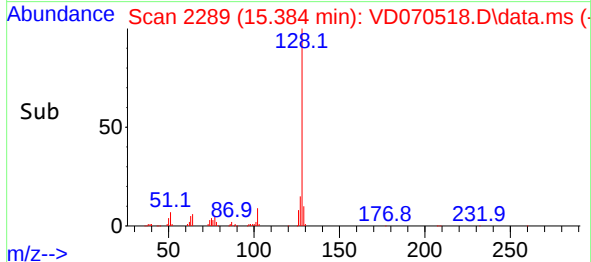
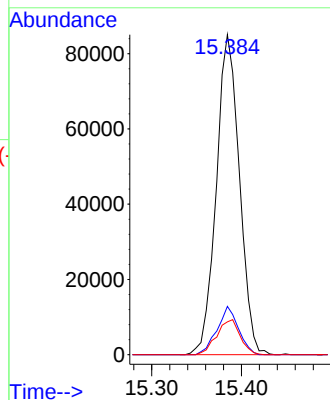
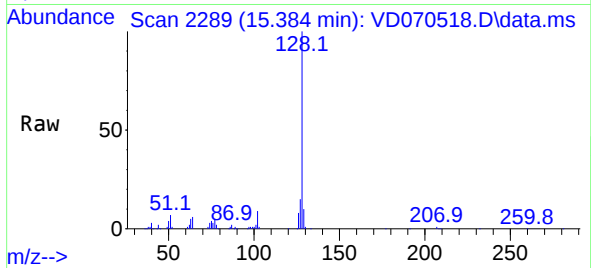
Tgt Ion:128 Resp: 152076  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 14.0  | 10.5  | 15.7  |
| 129 | 11.1  | 9.0   | 13.4  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0929SBS01

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 19.605 ug/l  
RT: 15.578 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD070518.D  
Acq: 29 Sep 2021 12:59

Tgt Ion:180 Resp: 79435  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.1  | 47.9  | 143.6 |
| 145 | 35.8  | 17.7  | 53.1  |

