

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051821\  
 Data File : VX022067.D  
 Acq On : 18 May 2021 21:20  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:57:28 PM

Quant Time: May 19 04:52:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051821W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 04:48:29 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 86595    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 170717   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.061 | 117  | 158371   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 70161    | 50.00 | ug/l  | # 0.00   |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 5.964  | 65    | 550565   | 152.95   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 78 - 117 | Recovery | =    | 305.90%# |
| 35) Dibromofluoromethane  | 5.397  | 113   | 432470   | 154.26   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 308.52%# |
| 50) Toluene-d8            | 8.659  | 98    | 1690417  | 159.98   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 92 - 112 | Recovery | =    | 319.96%# |
| 62) 4-Bromofluorobenzene  | 11.085 | 95    | 634839   | 161.35   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | =    | 322.70%# |

## Target Compounds

|                              |       |     |         |        |      | Qvalue |
|------------------------------|-------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 164485  | 151.99 | ug/l | 97     |
| 3) Chloromethane             | 1.288 | 50  | 182605  | 152.10 | ug/l | 98     |
| 4) Vinyl Chloride            | 1.374 | 62  | 193969  | 153.16 | ug/l | 97     |
| 5) Bromomethane              | 1.611 | 94  | 97450   | 137.61 | ug/l | 99     |
| 6) Chloroethane              | 1.679 | 64  | 77358   | 106.85 | ug/l | 99     |
| 7) Trichlorofluoromethane    | 1.880 | 101 | 278825  | 160.25 | ug/l | 97     |
| 8) Diethyl Ether             | 2.136 | 74  | 118249  | 155.57 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 156660  | 152.27 | ug/l | 97     |
| 10) Methyl Iodide            | 2.453 | 142 | 181830  | 167.36 | ug/l | 99     |
| 11) Tert butyl alcohol       | 3.038 | 59  | 249607  | 768.36 | ug/l | # 92   |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 158580  | 155.11 | ug/l | 99     |
| 13) Acrolein                 | 2.239 | 56  | 164133  | 735.20 | ug/l | 97     |
| 14) Allyl chloride           | 2.666 | 41  | 294417  | 150.41 | ug/l | 99     |
| 15) Acrylonitrile            | 3.075 | 53  | 506688  | 788.59 | ug/l | 98     |
| 16) Acetone                  | 2.392 | 43  | 444061  | 738.40 | ug/l | 99     |
| 17) Carbon Disulfide         | 2.508 | 76  | 401656  | 153.18 | ug/l | 100    |
| 18) Methyl Acetate           | 2.709 | 43  | 249071  | 154.44 | ug/l | 99     |
| 19) Methyl tert-butyl Ether  | 3.123 | 73  | 545661  | 157.18 | ug/l | 99     |
| 20) Methylene Chloride       | 2.788 | 84  | 186760  | 136.38 | ug/l | 98     |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 173867  | 152.16 | ug/l | 95     |
| 22) Diisopropyl ether        | 3.770 | 45  | 602793  | 166.26 | ug/l | 97     |
| 23) Vinyl Acetate            | 3.733 | 43  | 2931125 | 832.72 | ug/l | 99     |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 333530  | 155.98 | ug/l | 99     |
| 25) 2-Butanone               | 4.574 | 43  | 792315  | 777.40 | ug/l | 97     |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 256169  | 151.19 | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 211500  | 155.74 | ug/l | 99     |
| 28) Bromochloromethane       | 4.910 | 49  | 161357  | 157.05 | ug/l | 97     |
| 29) Tetrahydrofuran          | 5.026 | 42  | 475565  | 805.67 | ug/l | 97     |
| 30) Chloroform               | 5.105 | 83  | 338295  | 156.13 | ug/l | 98     |
| 31) Cyclohexane              | 5.477 | 56  | 261365  | 151.95 | ug/l | 95     |
| 32) 1,1,1-Trichloroethane    | 5.397 | 97  | 291348  | 155.41 | ug/l | 100    |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 249784  | 155.74 | ug/l | 99     |
| 37) Ethyl Acetate            | 4.727 | 43  | 310990  | 152.45 | ug/l | 100    |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 250316  | 156.32 | ug/l | 98     |
| 39) Methylcyclohexane        | 7.385 | 83  | 268596  | 157.44 | ug/l | 96     |
| 40) Benzene                  | 6.044 | 78  | 761461  | 156.00 | ug/l | 98     |

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 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

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 5/20/2021 5:57:28 PM

Quant Time: May 19 04:52:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051821W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 04:48:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 171101   | 160.59  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 266399   | 156.22  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 6.355  | 43   | 518233   | 158.60  | ug/l   | 100      |
| 44) Trichloroethene           | 7.135  | 130  | 185722   | 153.45  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 201175   | 160.71  | ug/l   | 96       |
| 46) Dibromomethane            | 7.586  | 93   | 133281   | 159.63  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.830  | 83   | 276158   | 160.31  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.702  | 41   | 240903   | 164.66  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.690  | 88   | 90659    | 2989.96 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.586  | 43   | 1574841  | 798.09  | ug/l   | 100      |
| 52) Toluene                   | 8.726  | 92   | 488047   | 155.55  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 319310   | 170.05  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 337106   | 163.87  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 198062   | 160.05  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 340682   | 165.92  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 341938   | 156.85  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 866285   | 792.75  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.439  | 43   | 1192837  | 805.09  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.531  | 129  | 203860   | 169.80  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 207742   | 162.31  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.281  | 164  | 147522   | 143.56  | ug/l   | 99       |
| 65) Chlorobenzene             | 10.086 | 112  | 504892   | 153.98  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 182009   | 157.48  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.201 | 91   | 934394   | 157.24  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 703882   | 309.77  | ug/l   | 99       |
| 69) o-Xylene                  | 10.646 | 106  | 347337   | 157.54  | ug/l   | 99       |
| 70) Styrene                   | 10.659 | 104  | 596617   | 162.29  | ug/l   | 99       |
| 71) Bromoform                 | 10.805 | 173  | 131935   | 172.63  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.970 | 105  | 909744   | 155.95  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 471640   | 164.26  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.220 | 83   | 312249   | 156.57  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 262194m  | 115.85  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 189268   | 154.35  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.311 | 91   | 1097698  | 159.68  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.372 | 91   | 643724   | 156.12  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 765084   | 157.51  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 117710   | 171.38  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 748076   | 156.68  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 708629   | 151.93  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 764699   | 152.88  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.896 | 105  | 934216   | 159.33  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 795509   | 159.70  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146  | 365680   | 152.30  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.049 | 146  | 370260   | 153.74  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 761484   | 168.56  | ug/l   | 100      |
| 90) Hexachloroethane          | 12.542 | 117  | 137233   | 162.46  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 348299   | 150.60  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 73674    | 168.02  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 225622   | 167.21  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 80834    | 161.64  | ug/l   | 98       |
| 95) Naphthalene               | 13.780 | 128  | 920171   | 168.13  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 221745   | 163.38  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051821\  
Data File : VX022067.D  
Acq On : 18 May 2021 21:20  
Operator : JC/MD  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC150

Manual Integrations  
APPROVED

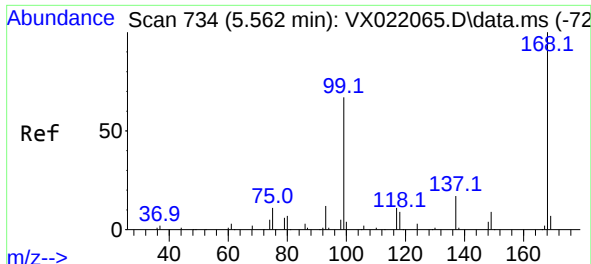
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5/20/2021 5:57:28 PM

Quant Time: May 19 04:52:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051821W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 04:48:29 2021  
Response via : Initial Calibration

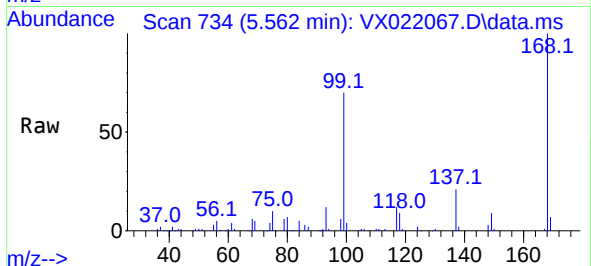
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

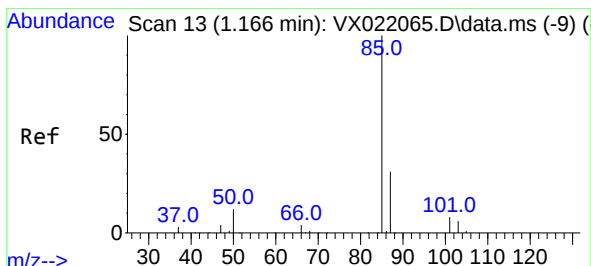
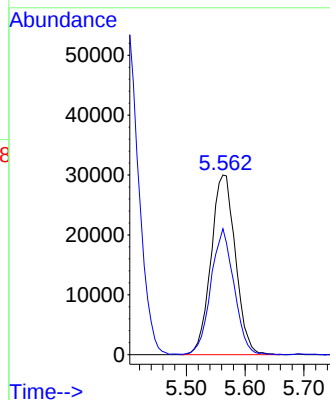
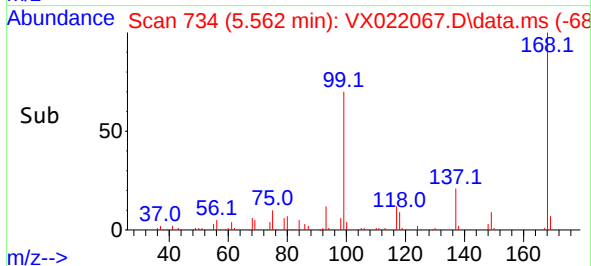




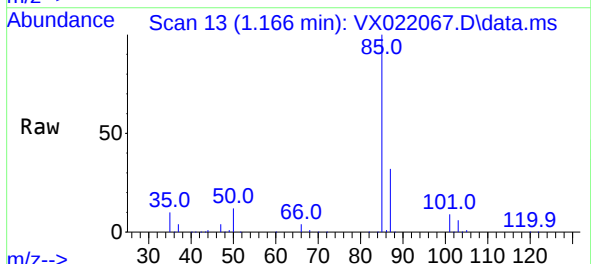
#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



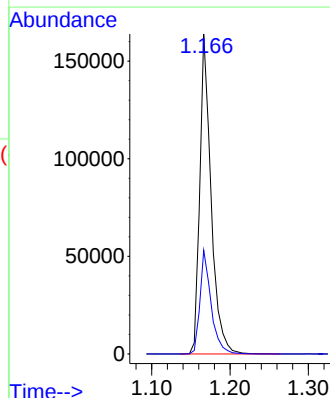
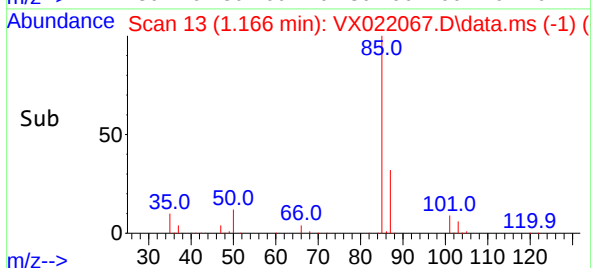
Tgt Ion: 168 Resp: 86595  
Ion Ratio Lower Upper  
168 100  
99 69.8 53.7 80.5



#2  
Dichlorodifluoromethane  
Concen: 151.99 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



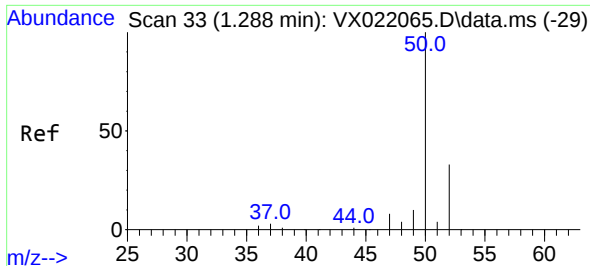
Tgt Ion: 85 Resp: 164485  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.4 46.2



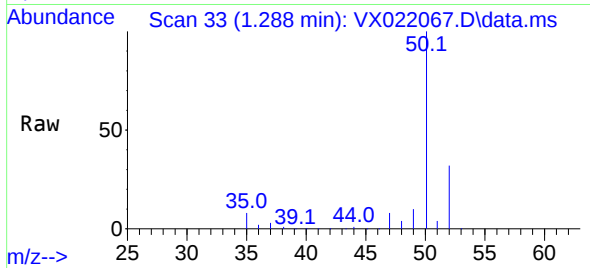
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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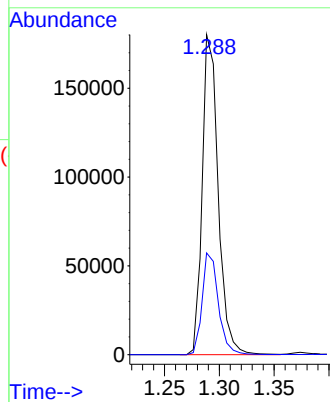
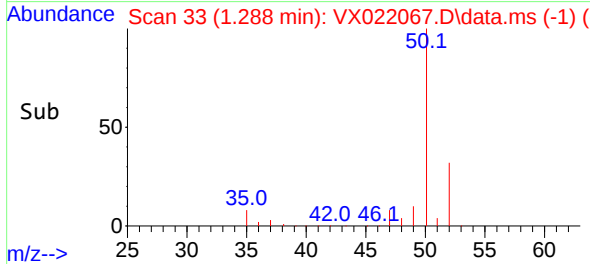
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#3  
Chloromethane  
Concen: 152.10 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



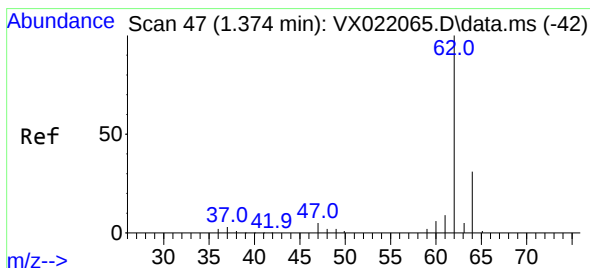
Tgt Ion: 50 Resp: 182605  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.6 39.8



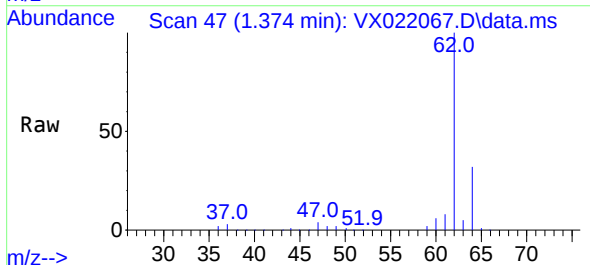
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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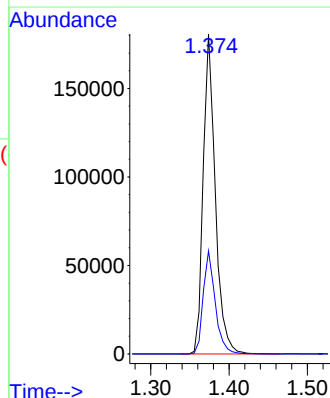
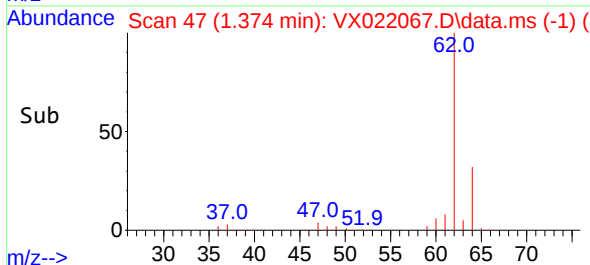
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5/20/2021 5:57:28 PM

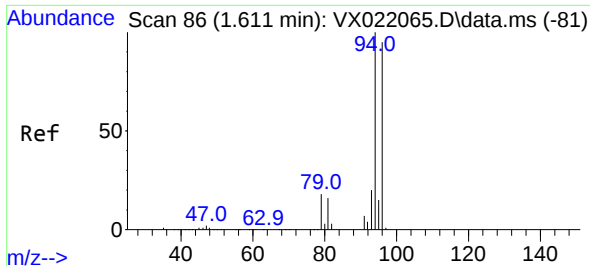


#4  
Vinyl Chloride  
Concen: 153.16 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

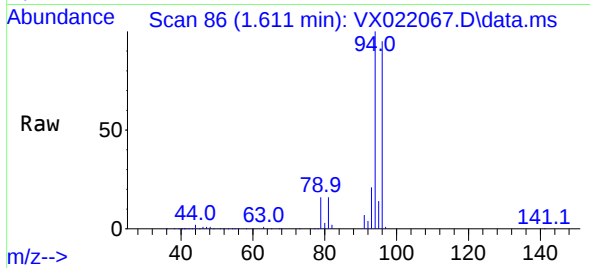


Tgt Ion: 62 Resp: 193969  
Ion Ratio Lower Upper  
62 100  
64 32.2 24.6 36.8

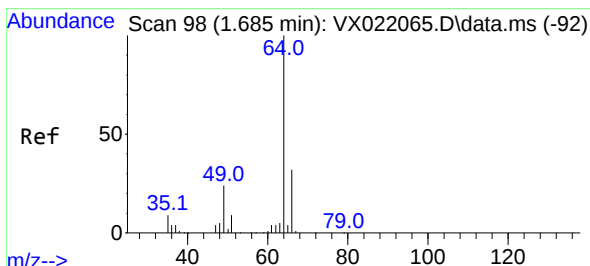
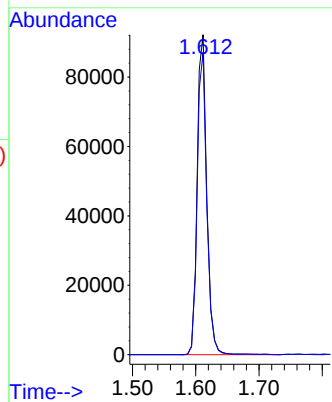
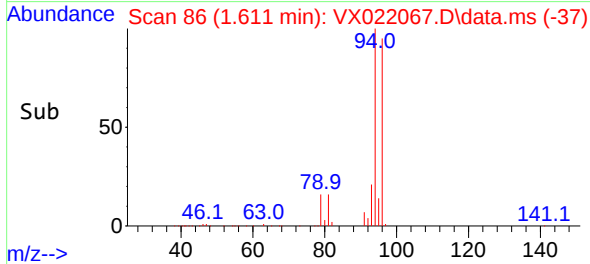




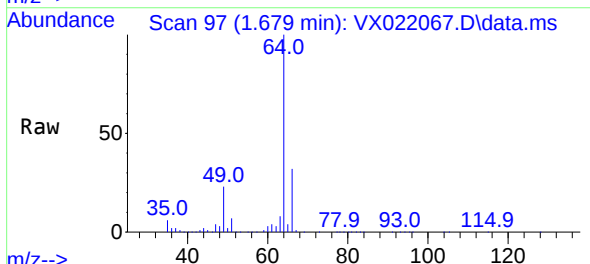
#5  
Bromomethane  
Concen: 137.61 ug/l  
RT: 1.611 min Scan# 86  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



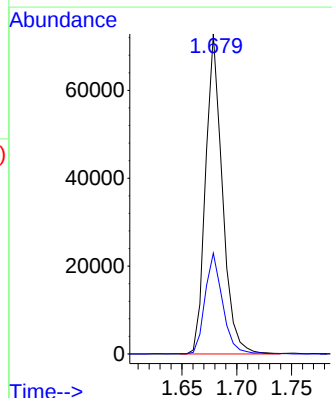
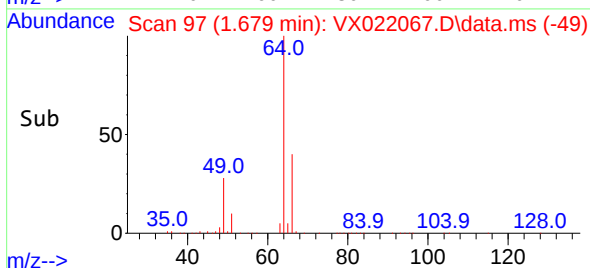
Tgt Ion: 94 Resp: 97450  
Ion Ratio Lower Upper  
94 100  
96 94.5 76.2 114.4



#6  
Chloroethane  
Concen: 106.85 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



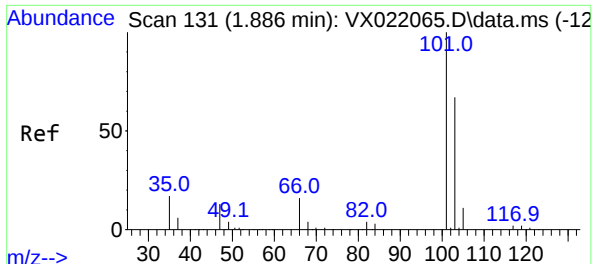
Tgt Ion: 64 Resp: 77358  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.5 38.3



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

MMDadoda  
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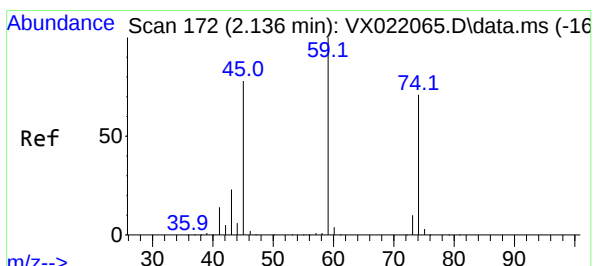
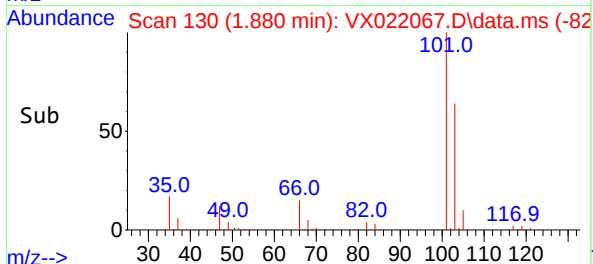
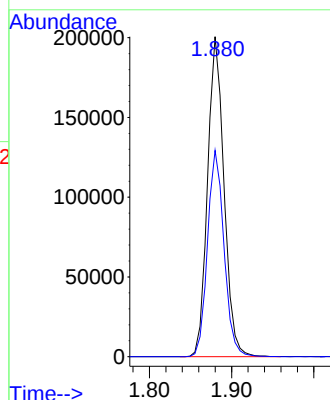
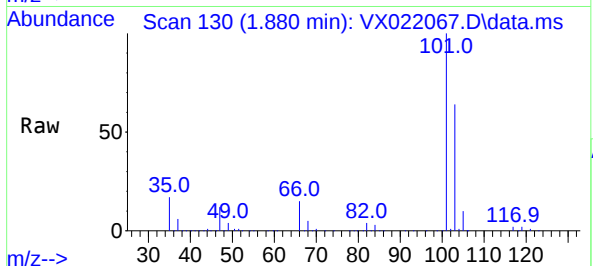
#7  
Trichlorofluoromethane  
Concen: 160.25 ug/l  
RT: 1.880 min Scan# 130  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:101 Resp: 278825  
Ion Ratio Lower Upper  
101 100  
103 64.4 53.8 80.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

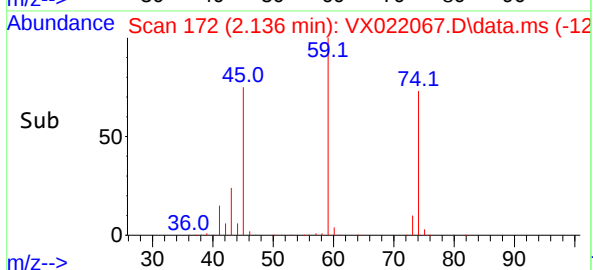
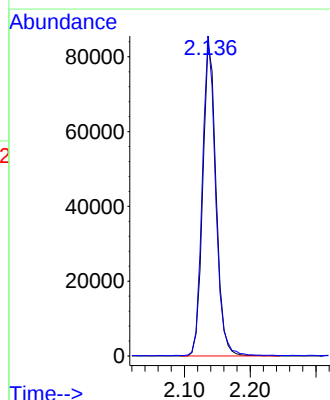
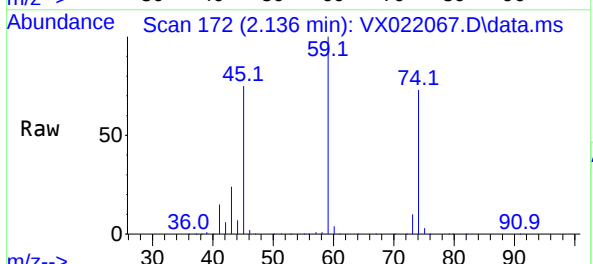
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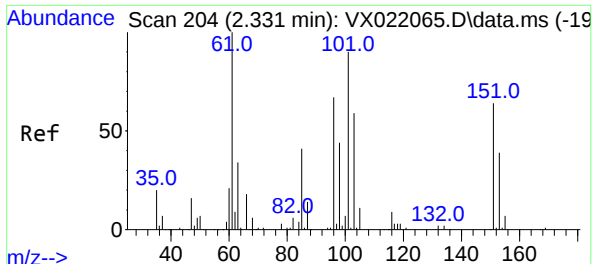
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#8  
Diethyl Ether  
Concen: 155.57 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 74 Resp: 118249  
Ion Ratio Lower Upper  
74 100  
45 101.3 50.7 152.3





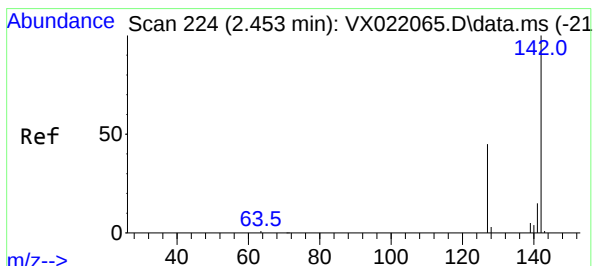
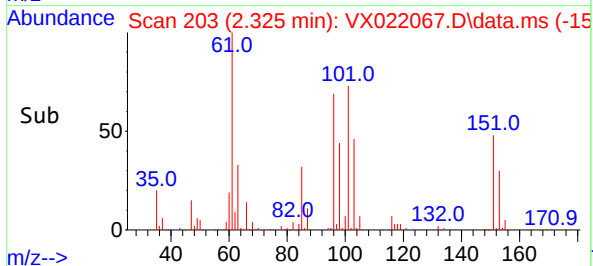
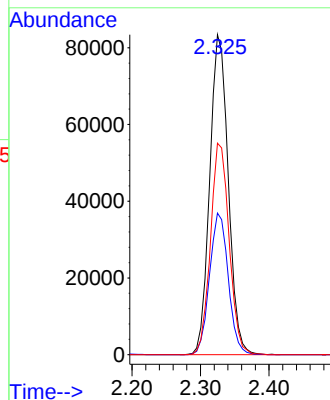
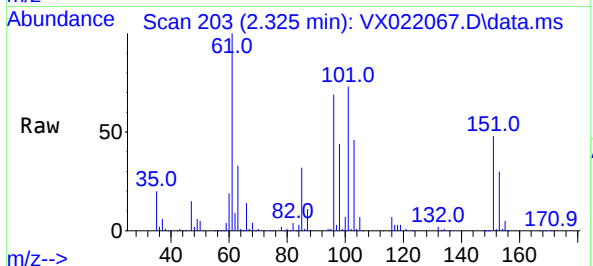
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 152.27 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:101 Resp: 156660  
Ion Ratio Lower Upper  
101 100  
85 44.7 36.6 54.8  
151 66.7 55.8 83.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

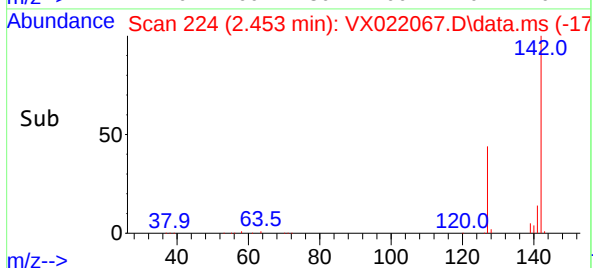
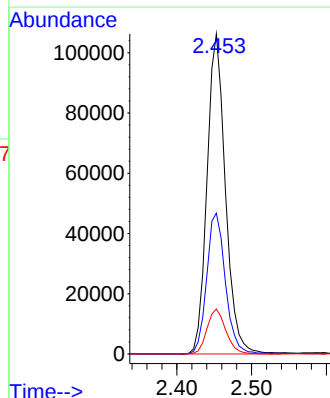
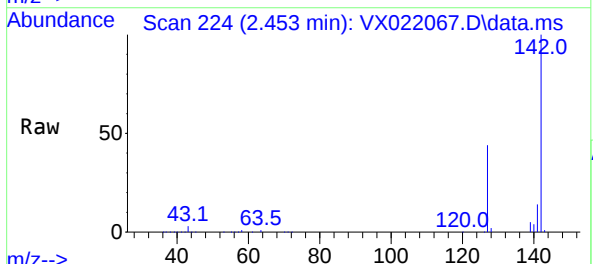
Manual Integrations  
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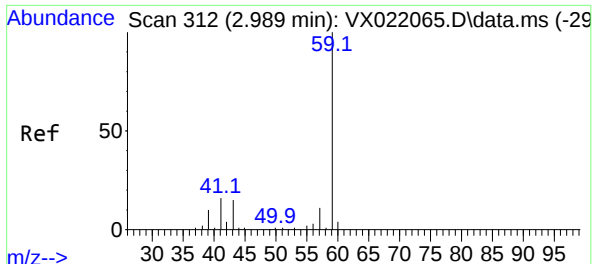
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#10  
Methyl Iodide  
Concen: 167.36 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:142 Resp: 181830  
Ion Ratio Lower Upper  
142 100  
127 44.8 36.7 55.1  
141 14.3 11.4 17.0





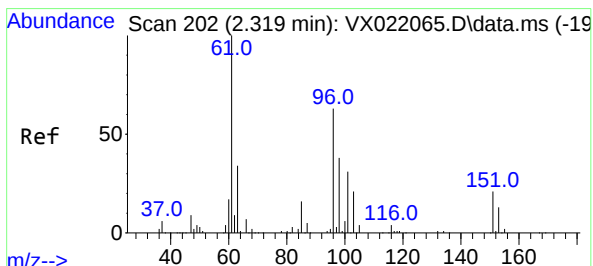
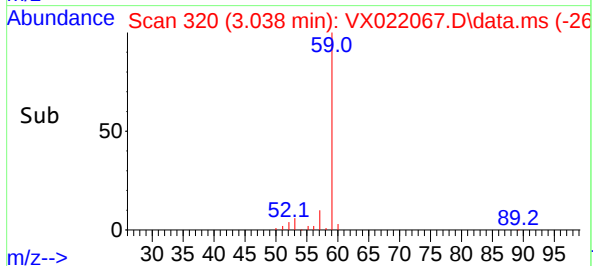
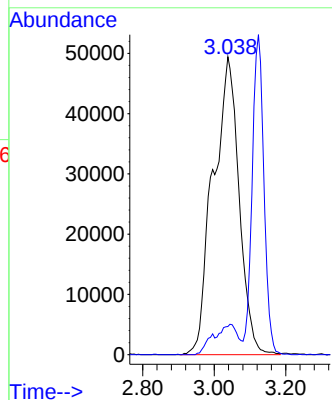
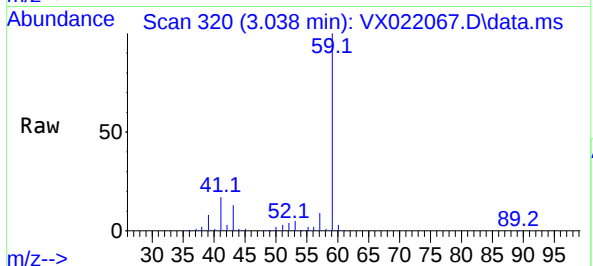
#11  
Tert butyl alcohol  
Concen: 768.36 ug/l  
RT: 3.038 min Scan# 320  
Delta R.T. 0.049 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 59 Resp: 249607  
Ion Ratio Lower Upper  
59 100  
57 6.8 7.9 11.9#

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

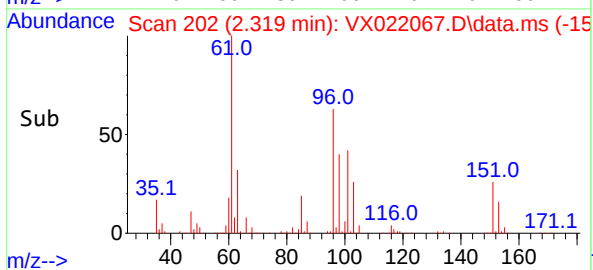
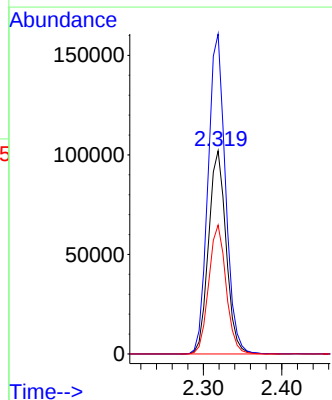
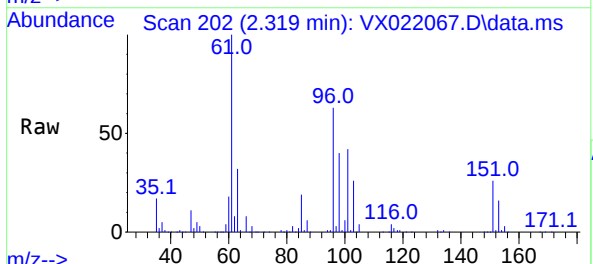
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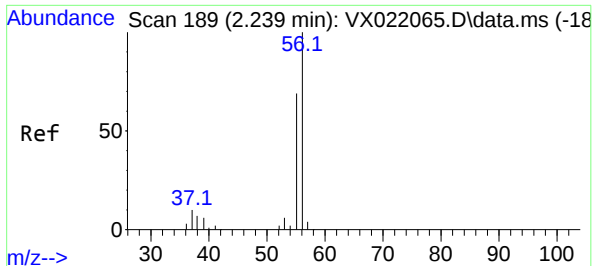
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#12  
1,1-Dichloroethene  
Concen: 155.11 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 96 Resp: 158580  
Ion Ratio Lower Upper  
96 100  
61 157.5 126.2 189.2  
98 63.5 48.0 72.0





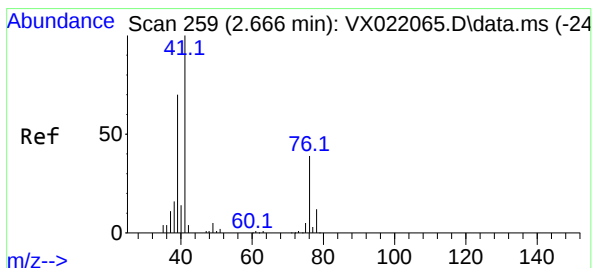
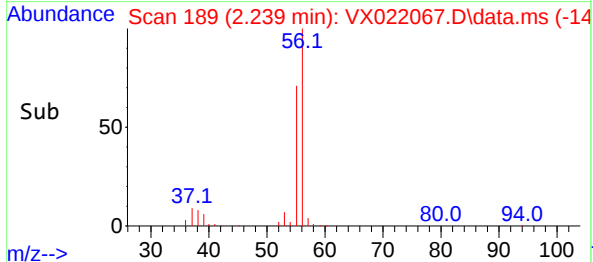
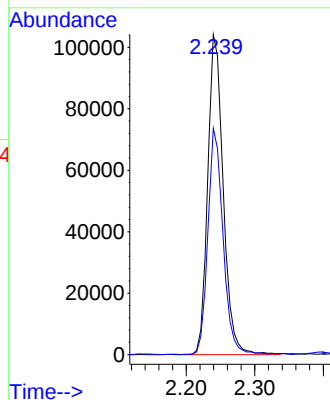
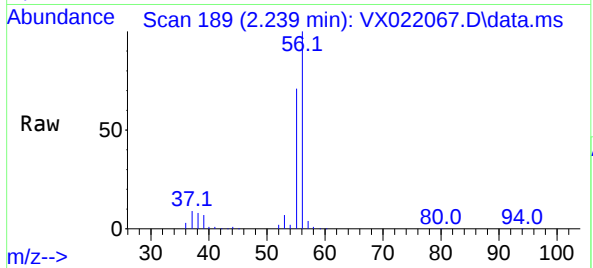
#13  
Acrolein  
Concen: 735.20 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 56 Resp: 164133  
Ion Ratio Lower Upper  
56 100  
55 68.8 56.9 85.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

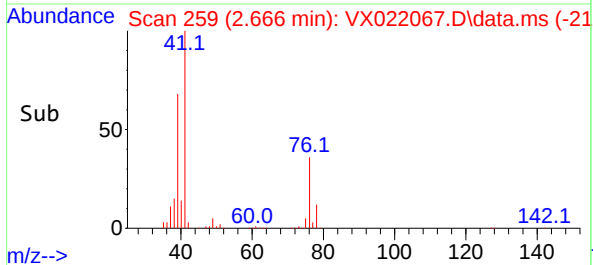
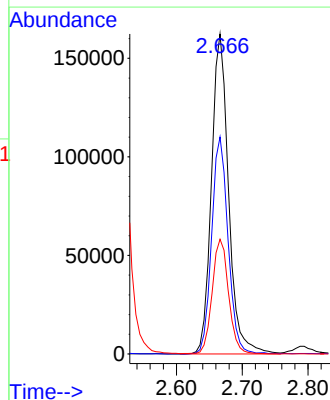
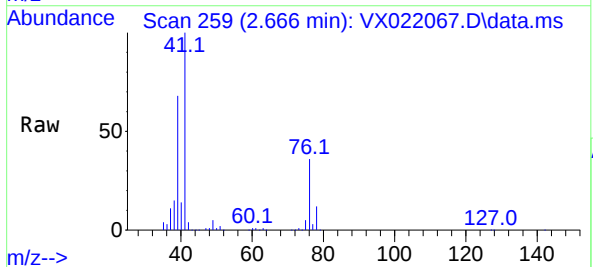
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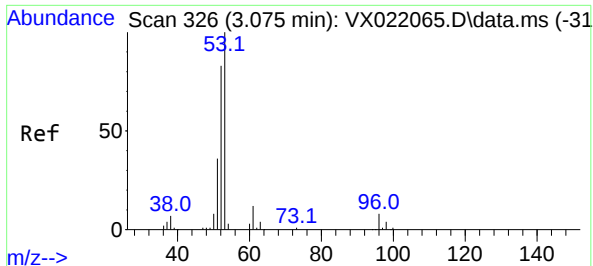
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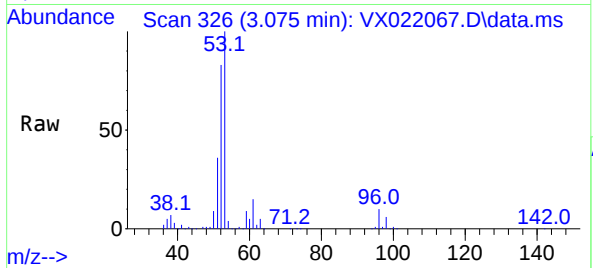
#14  
Allyl chloride  
Concen: 150.41 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 41 Resp: 294417  
Ion Ratio Lower Upper  
41 100  
39 65.1 51.4 77.0  
76 34.4 28.2 42.2

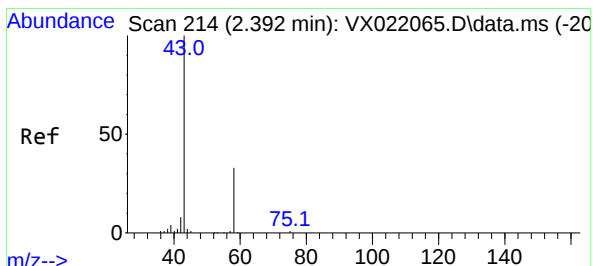
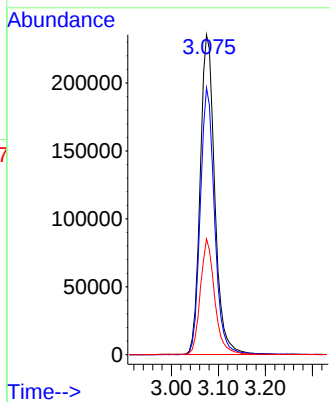
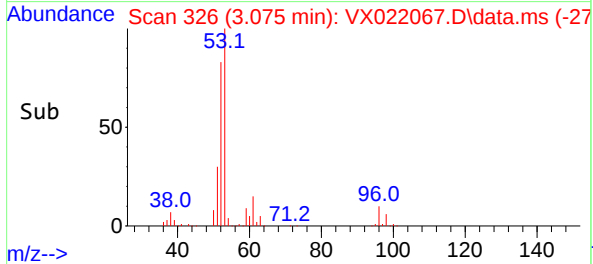




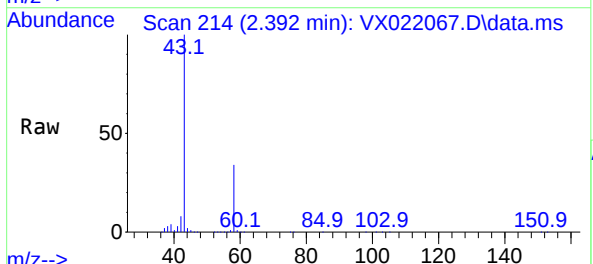
#15  
Acrylonitrile  
Concen: 788.59 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



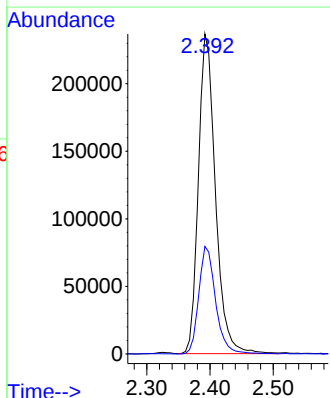
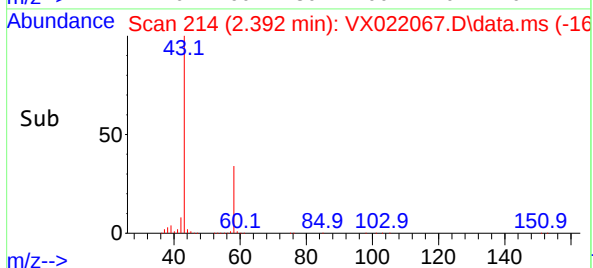
Tgt Ion: 53 Resp: 506688  
Ion Ratio Lower Upper  
53 100  
52 81.9 66.8 100.2  
51 35.2 28.6 42.8



#16  
Acetone  
Concen: 738.40 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



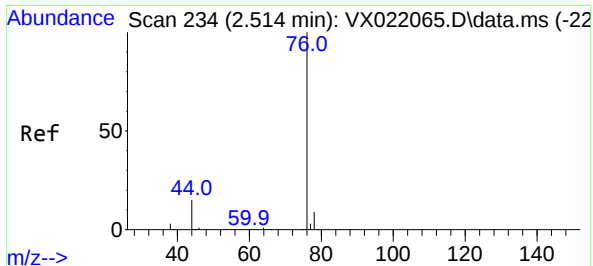
Tgt Ion: 43 Resp: 444061  
Ion Ratio Lower Upper  
43 100  
58 33.6 26.4 39.6



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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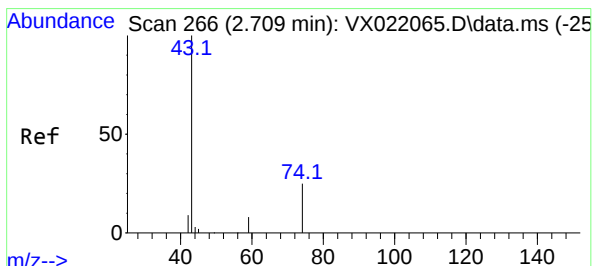
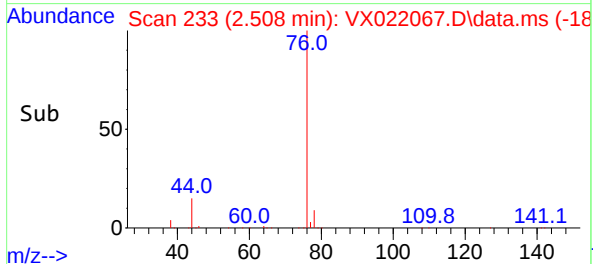
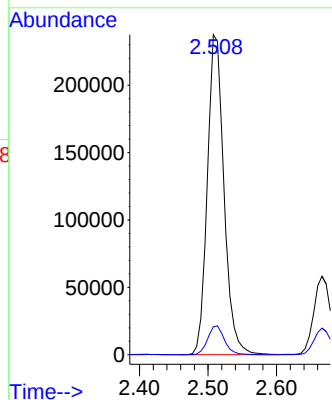
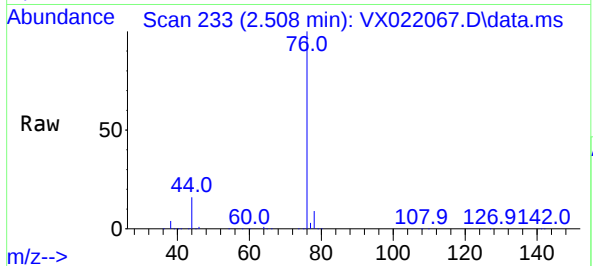
#17  
Carbon Disulfide  
Concen: 153.18 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 76 Resp: 401656  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.1 10.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

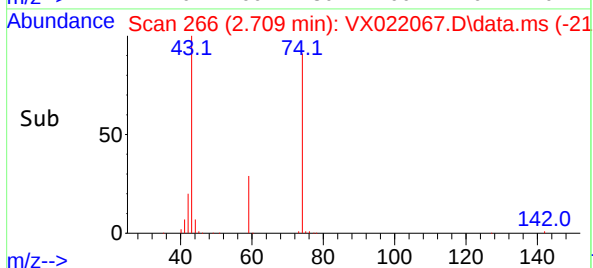
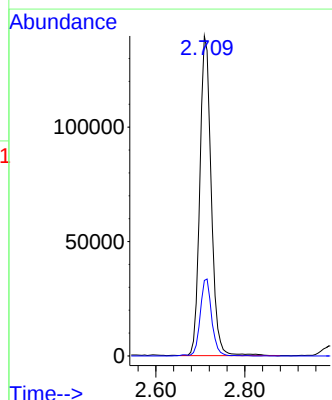
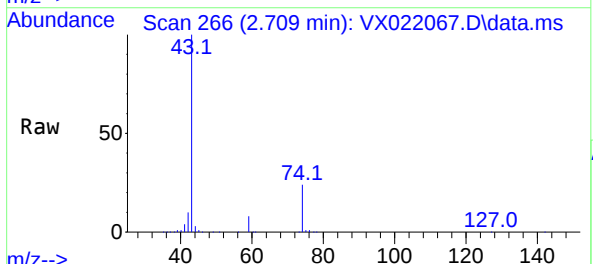
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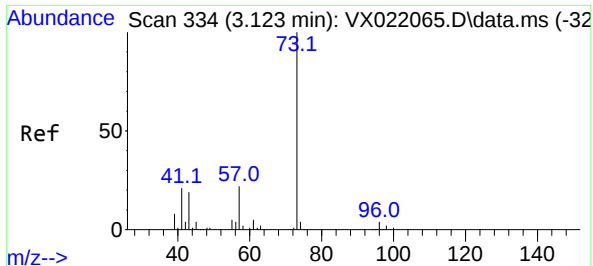
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#18  
Methyl Acetate  
Concen: 154.44 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 249071  
Ion Ratio Lower Upper  
43 100  
74 24.3 19.8 29.6





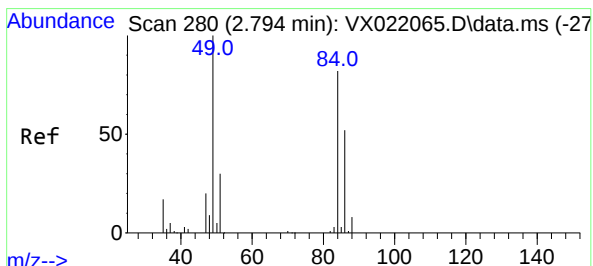
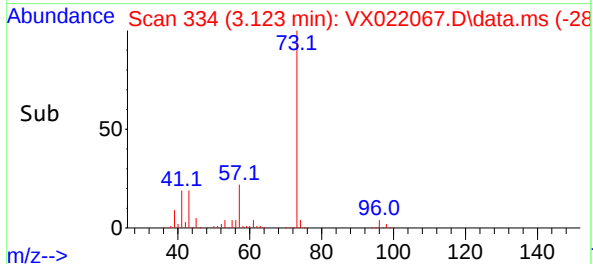
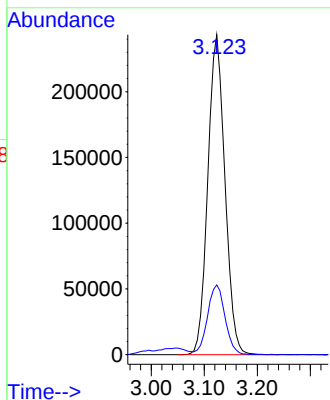
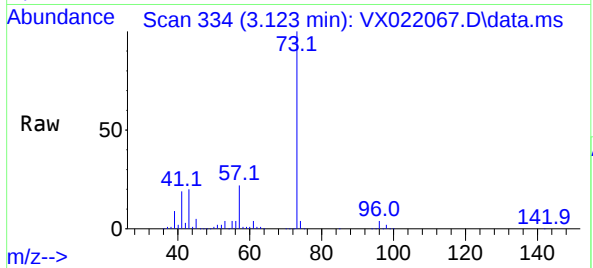
#19  
Methyl tert-butyl Ether  
Concen: 157.18 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 73 Resp: 545661  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.8 26.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

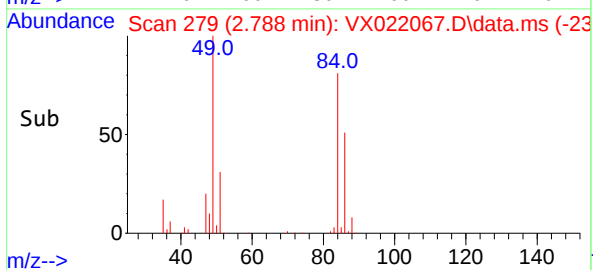
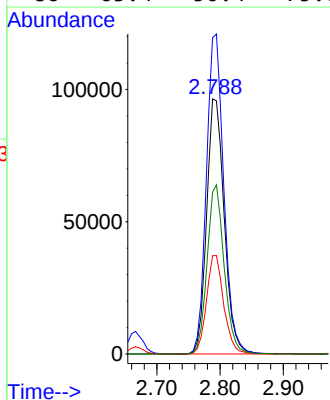
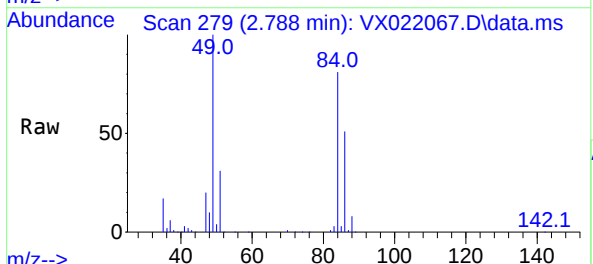
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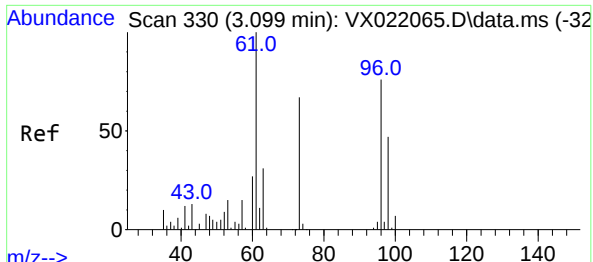
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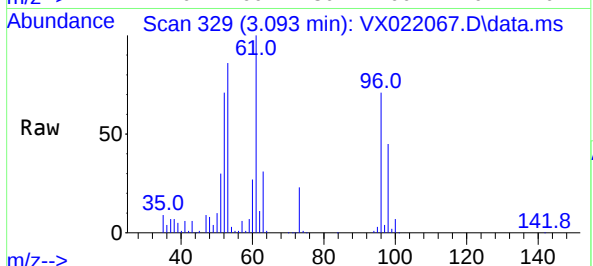
#20  
Methylene Chloride  
Concen: 136.38 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 84 Resp: 186760  
Ion Ratio Lower Upper  
84 100  
49 124.0 97.4 146.0  
51 38.5 29.0 43.4  
86 63.4 50.4 75.6

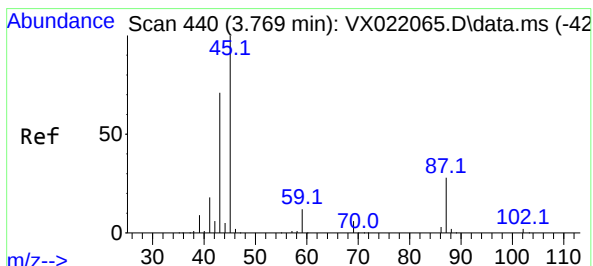
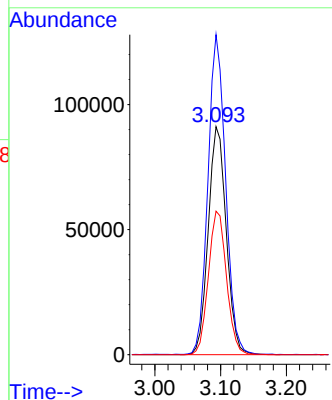
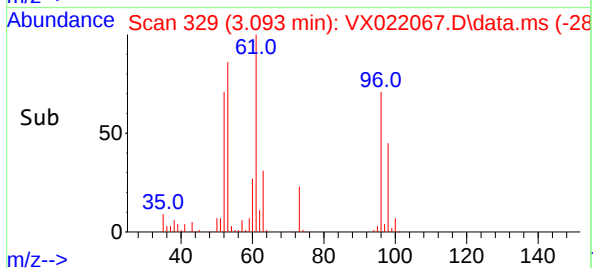




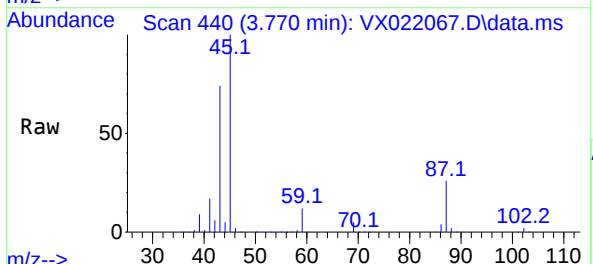
#21  
trans-1,2-Dichloroethene  
Concen: 152.16 ug/l  
RT: 3.093 min Scan# 329  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



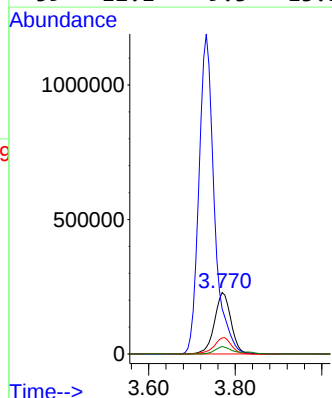
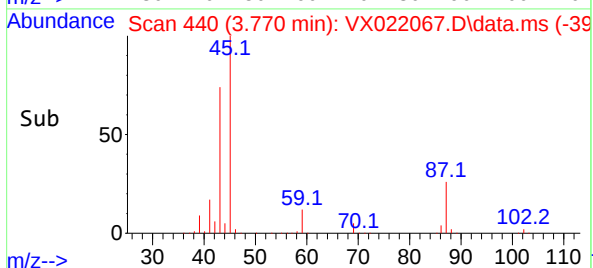
Tgt Ion: 96 Resp: 173867  
Ion Ratio Lower Upper  
96 100  
61 140.2 105.3 157.9  
98 62.9 49.4 74.0



#22  
Diisopropyl ether  
Concen: 166.26 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



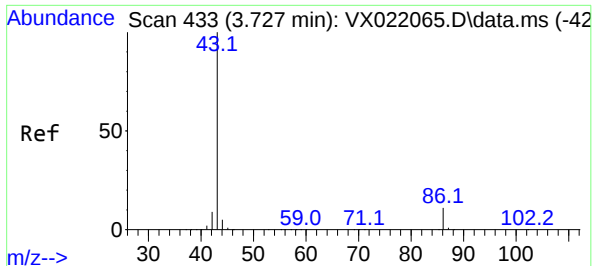
Tgt Ion: 45 Resp: 602793  
Ion Ratio Lower Upper  
45 100  
43 73.4 57.1 85.7  
87 26.0 22.7 34.1  
59 12.1 9.3 13.9



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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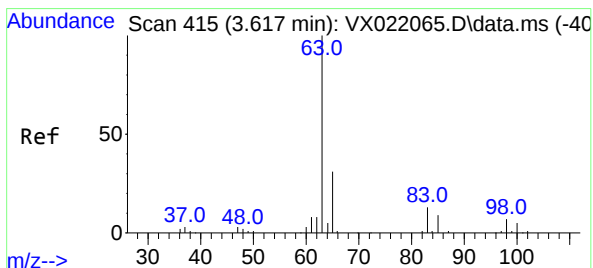
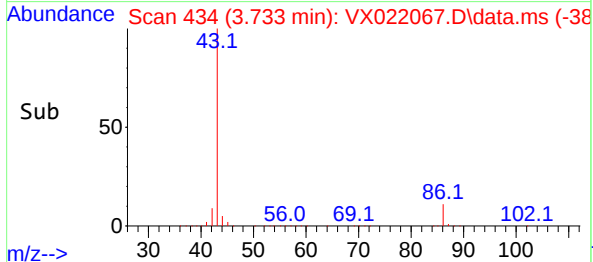
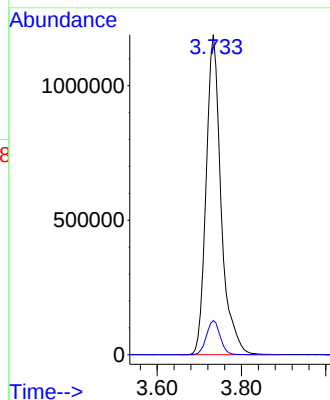
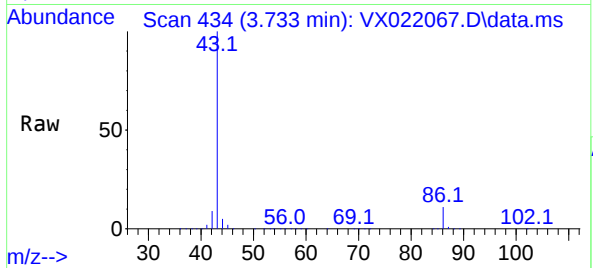
#23  
 Vinyl Acetate  
 Concen: 832.72 ug/l  
 RT: 3.733 min Scan# 434  
 Delta R.T. 0.006 min  
 Lab File: VX022067.D  
 Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 2931125  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.9 13.3

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150

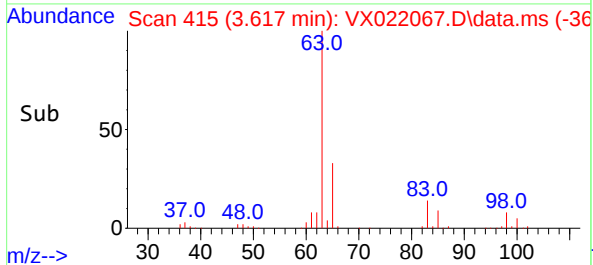
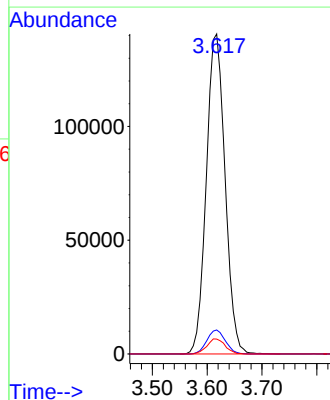
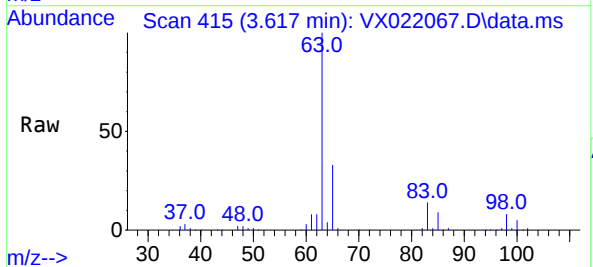
Manual Integrations  
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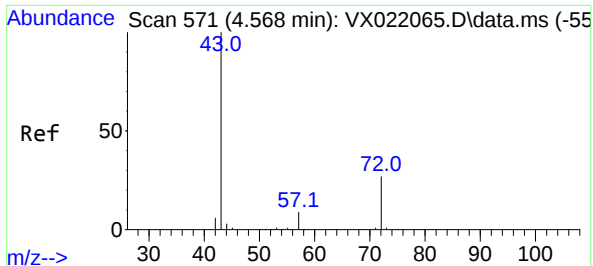
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 155.98 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX022067.D  
 Acq: 18 May 2021 21:20

Tgt Ion: 63 Resp: 333530  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.7 11.1  
 100 4.6 2.5 7.4





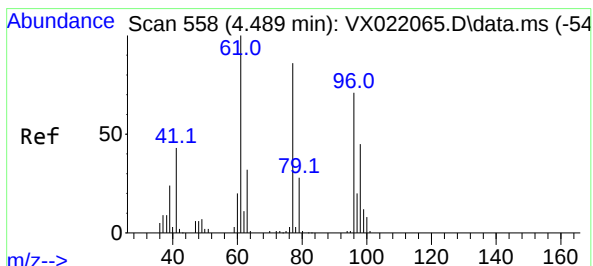
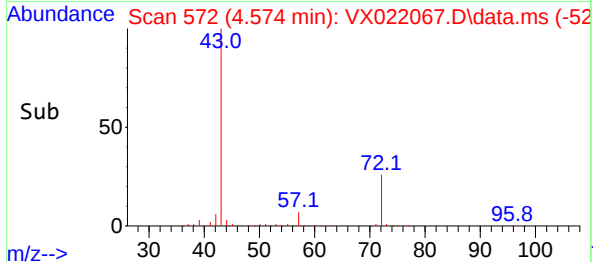
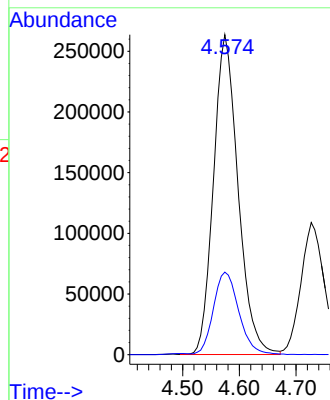
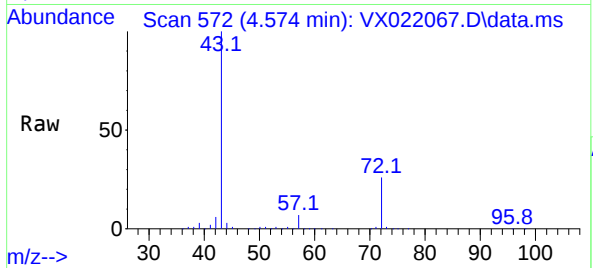
#25  
2-Butanone  
Concen: 777.40 ug/l  
RT: 4.574 min Scan# 572  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 792315  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.9 32.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

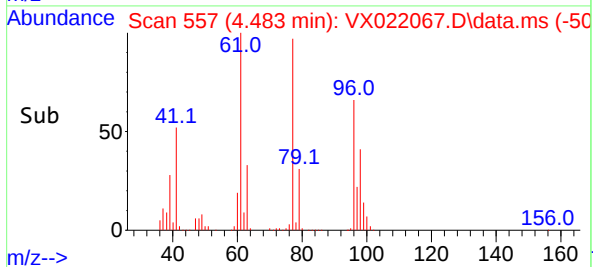
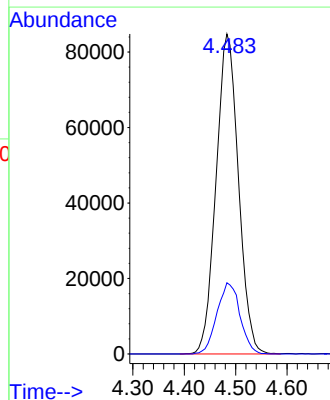
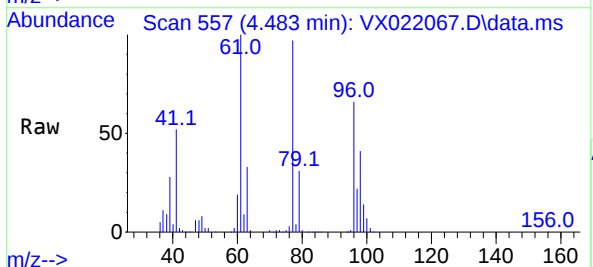
Manual Integrations  
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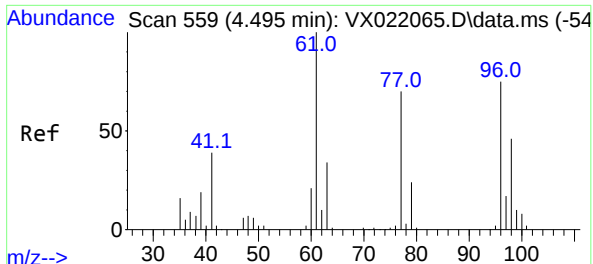
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#26  
2,2-Dichloropropane  
Concen: 151.19 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 77 Resp: 256169  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.8 35.4





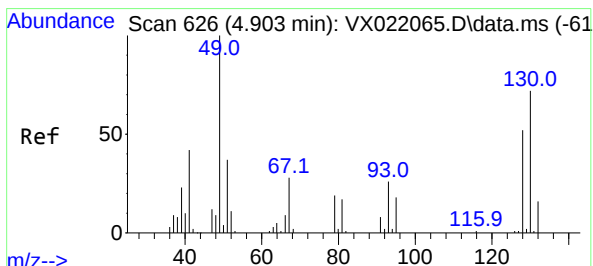
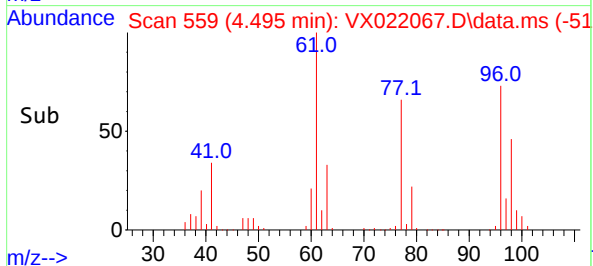
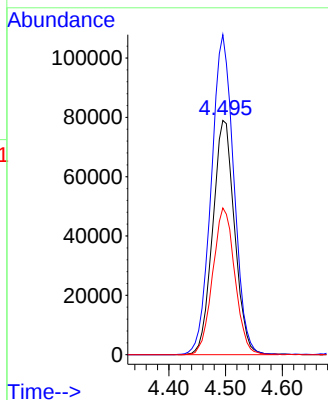
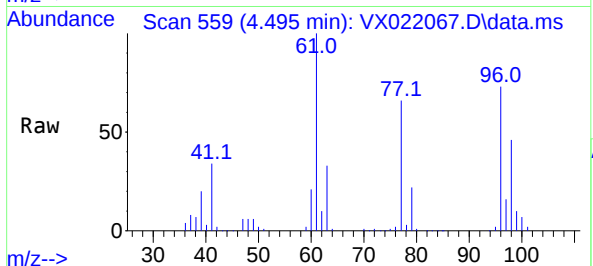
#27  
cis-1,2-Dichloroethene  
Concen: 155.74 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 96 Resp: 211500  
Ion Ratio Lower Upper  
96 100  
61 140.7 0.0 279.8  
98 63.4 0.0 126.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

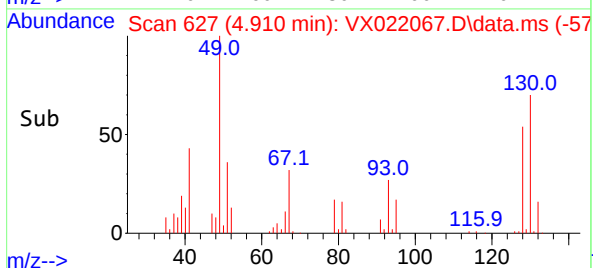
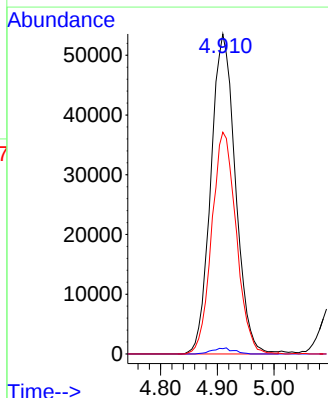
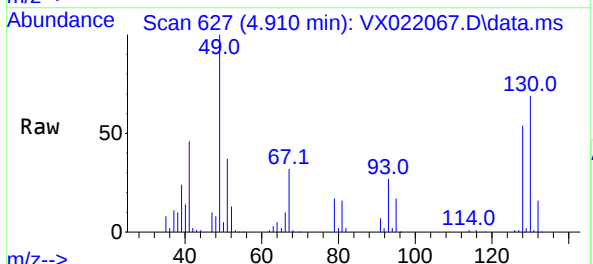
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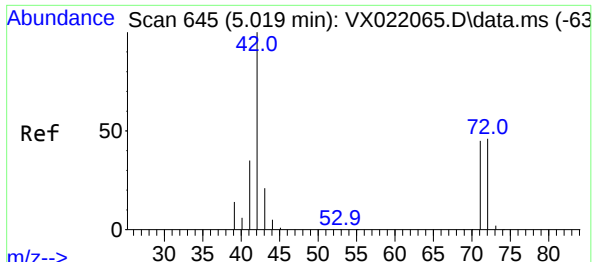
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#28  
Bromochloromethane  
Concen: 157.05 ug/l  
RT: 4.910 min Scan# 627  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 49 Resp: 161357  
Ion Ratio Lower Upper  
49 100  
129 1.6 0.0 4.0  
130 69.0 57.2 85.8





#29

Tetrahydrofuran

Concen: 805.67 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.006 min

Lab File: VX022067.D

Acq: 18 May 2021 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 475565 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 44.7  | 37.0  | 55.4   |
| 71       | 41.5  | 35.0  | 52.6   |

Instrument :

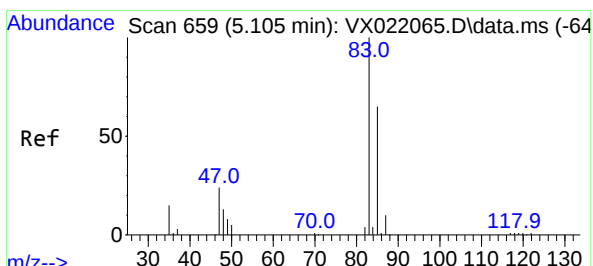
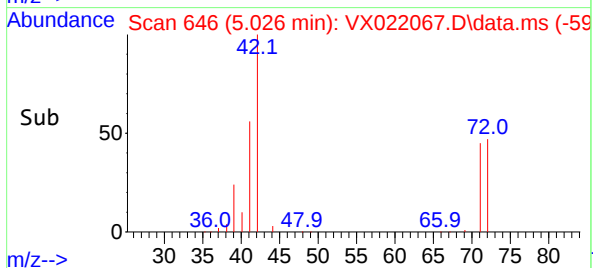
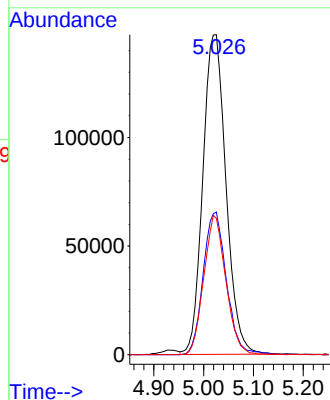
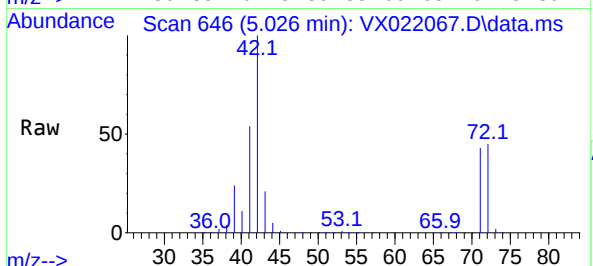
MSVOA\_X

ClientSampleId :

VSTDIC150

Manual Integrations  
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#30

Chloroform

Concen: 156.13 ug/l

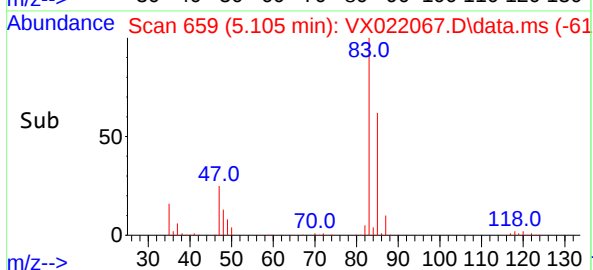
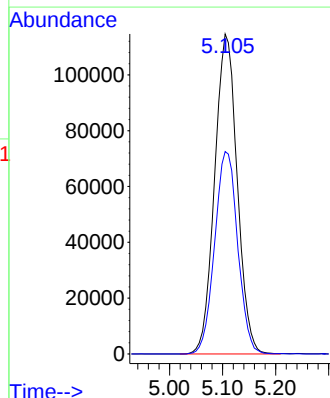
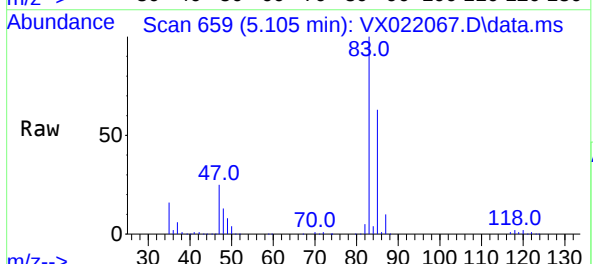
RT: 5.105 min Scan# 659

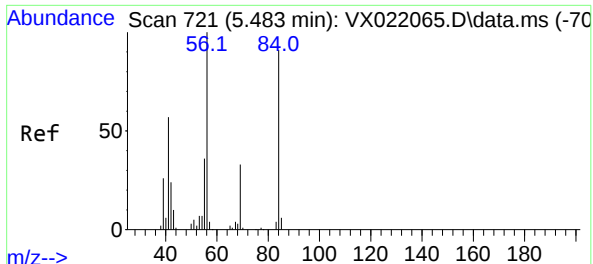
Delta R.T. 0.000 min

Lab File: VX022067.D

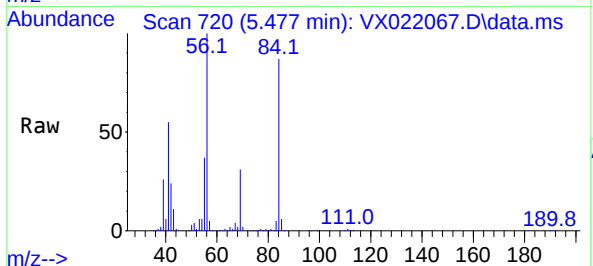
Acq: 18 May 2021 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 338295 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 52.0  | 78.0   |

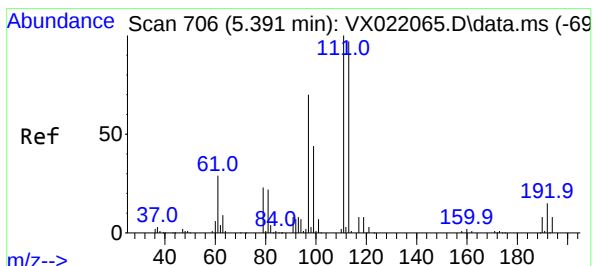
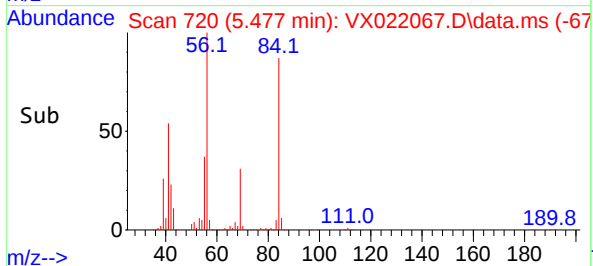
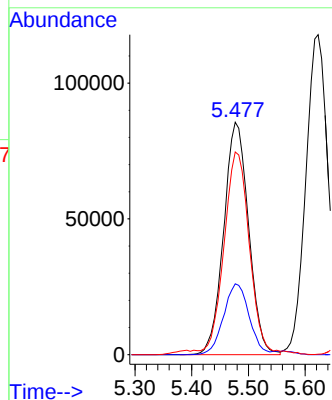




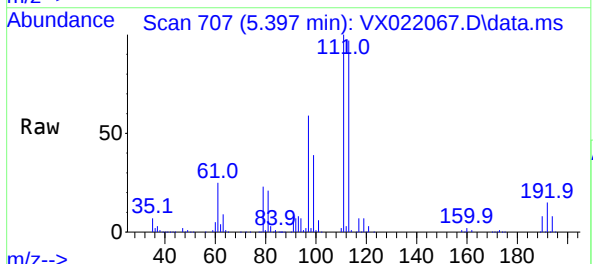
#31  
Cyclohexane  
Concen: 151.95 ug/l  
RT: 5.477 min Scan# 720  
Delta R.T. -0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



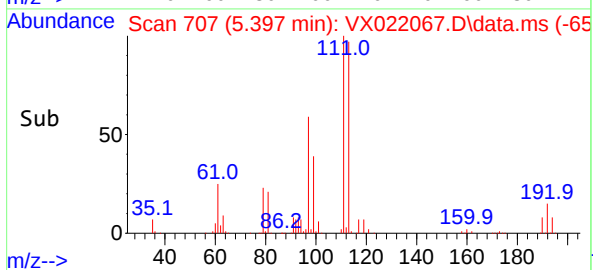
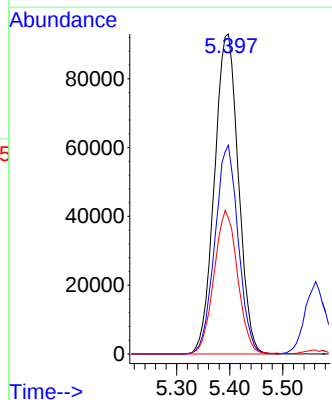
Tgt Ion: 56 Resp: 261365  
Ion Ratio Lower Upper  
56 100  
69 30.5 26.2 39.4  
84 85.7 73.0 109.4



#32  
1,1,1-Trichloroethane  
Concen: 155.41 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



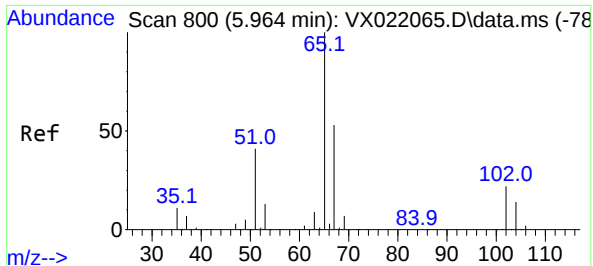
Tgt Ion: 97 Resp: 291348  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 44.4 35.4 53.0



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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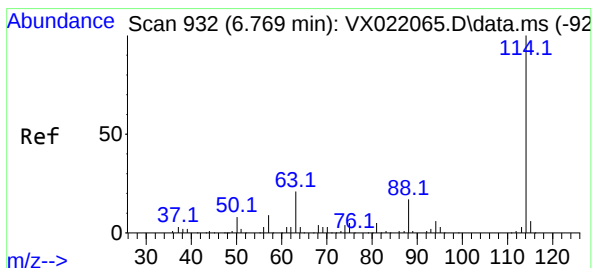
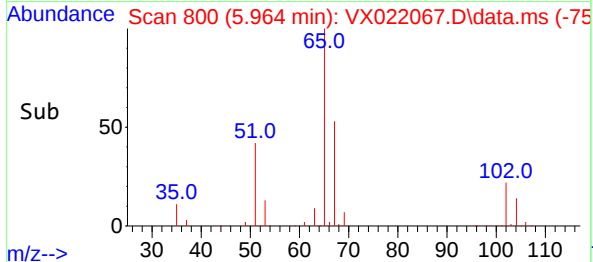
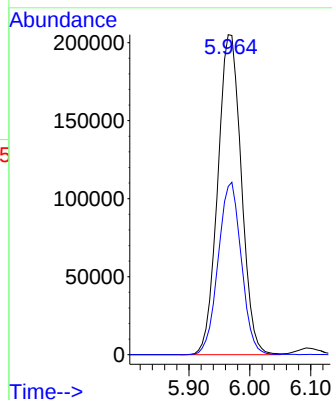
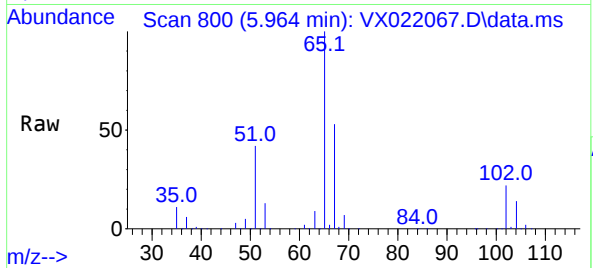
#33  
1,2-Dichloroethane-d4  
Concen: 152.95 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 65 Resp: 550565  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 106.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

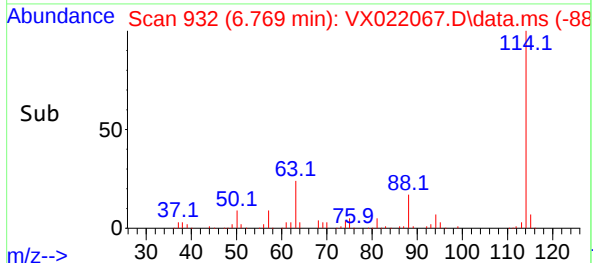
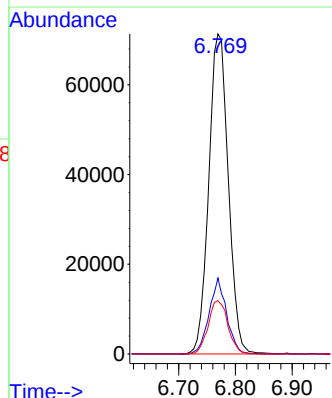
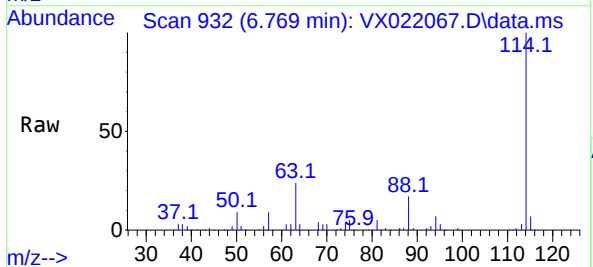
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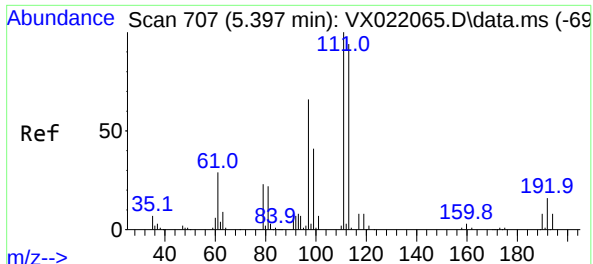
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 114 Resp: 170717  
Ion Ratio Lower Upper  
114 100  
63 23.7 0.0 41.4  
88 16.6 0.0 34.0





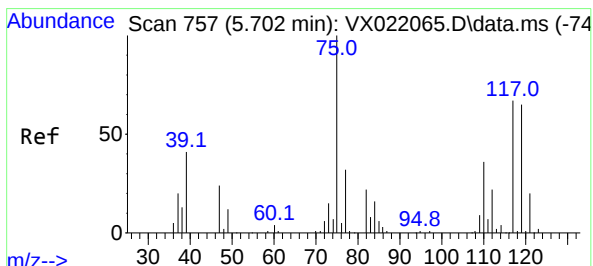
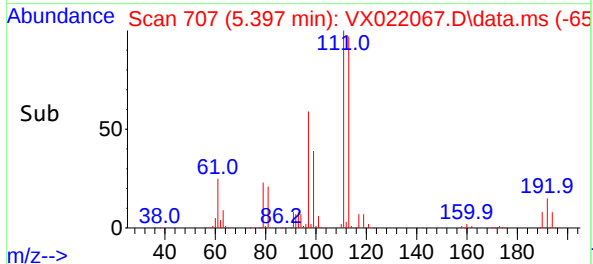
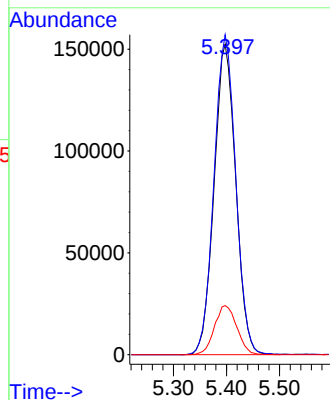
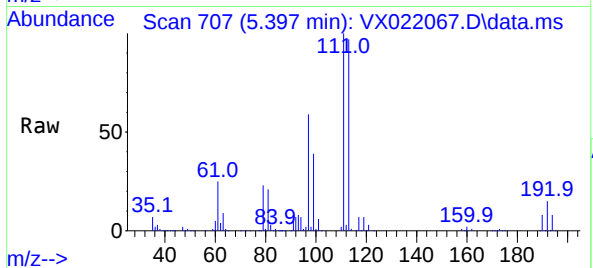
#35  
Dibromofluoromethane  
Concen: 154.26 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 113 Resp: 432470  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.8 125.6  
192 16.3 13.1 19.7

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

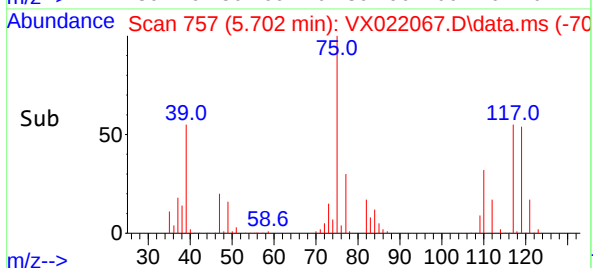
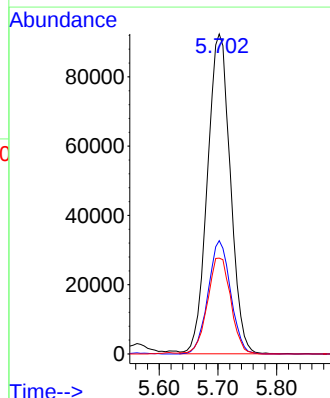
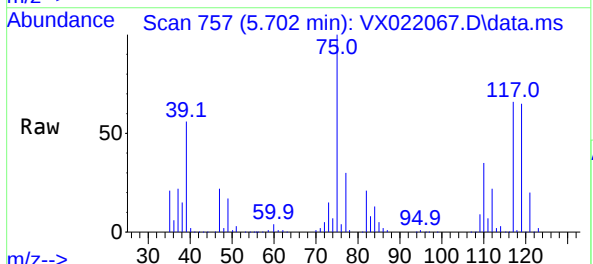
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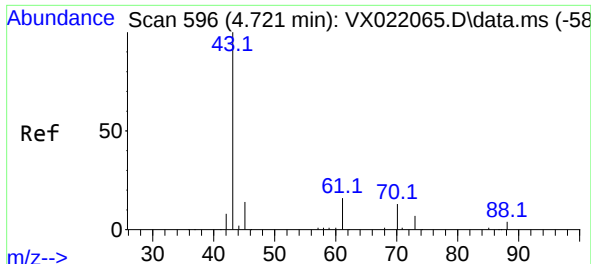
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#36  
1,1-Dichloropropene  
Concen: 155.74 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 75 Resp: 249784  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.9 53.7  
77 30.7 25.0 37.4





#37  
Ethyl Acetate  
Concen: 152.45 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

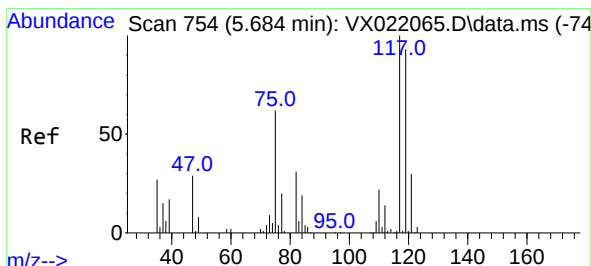
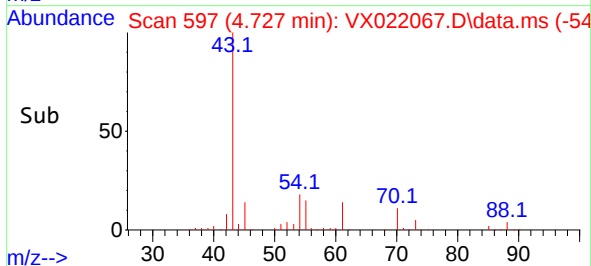
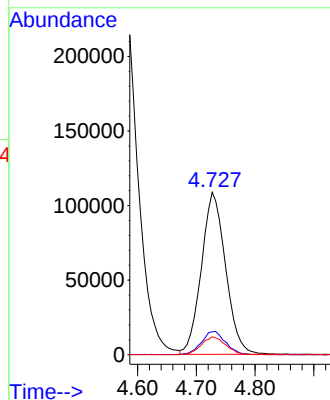
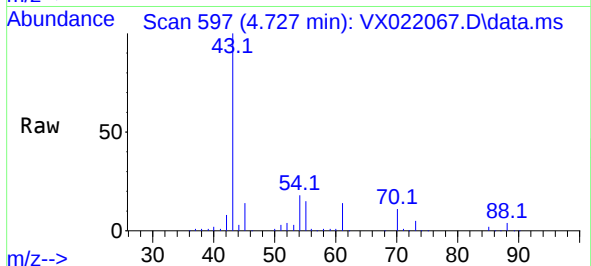
Tgt Ion: 43 Resp: 310990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.4  | 11.4  | 17.2  |
| 70  | 11.1  | 9.1   | 13.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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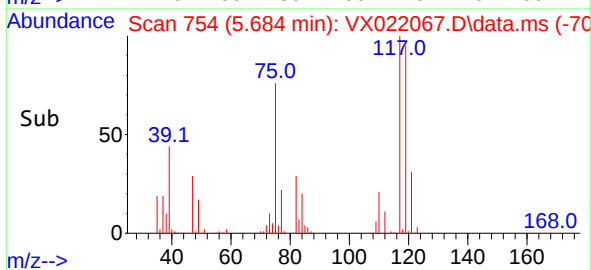
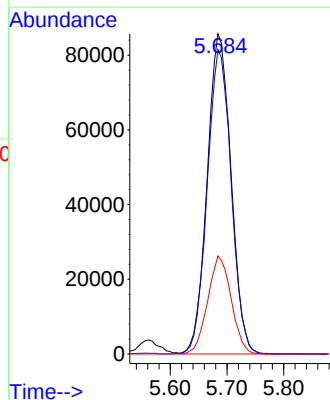
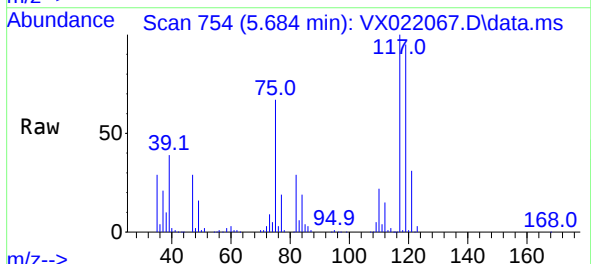
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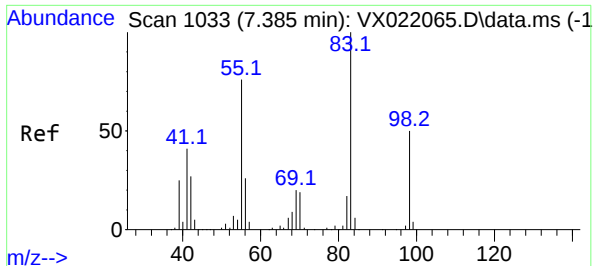


#38  
Carbon Tetrachloride  
Concen: 156.32 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 117 Resp: 250316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.1  | 74.6  | 111.8 |
| 121 | 30.6  | 23.6  | 35.4  |





#39

Methylcyclohexane

Concen: 157.44 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX022067.D

Acq: 18 May 2021 21:20

Tgt Ion: 83 Resp: 268596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.1  | 60.6  | 91.0  |
| 98  | 48.0  | 39.9  | 59.9  |

Instrument :

MSVOA\_X

ClientSampleId :

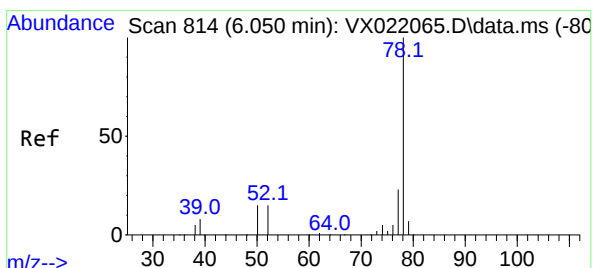
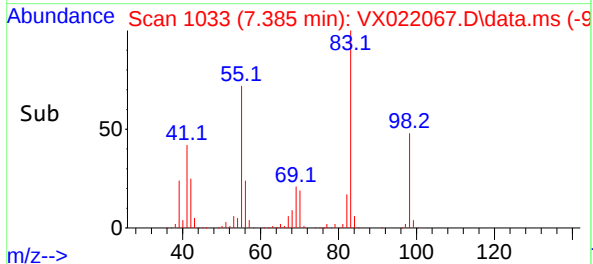
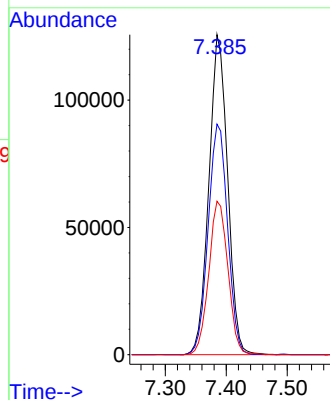
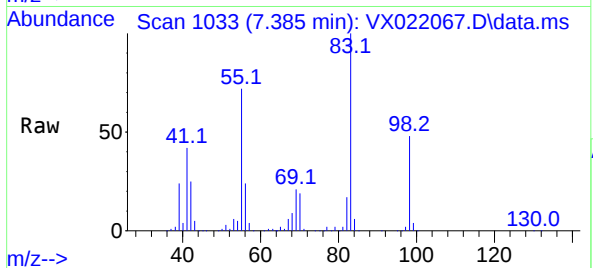
VSTDIC150

Manual Integrations

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#40

Benzene

Concen: 156.00 ug/l

RT: 6.044 min Scan# 813

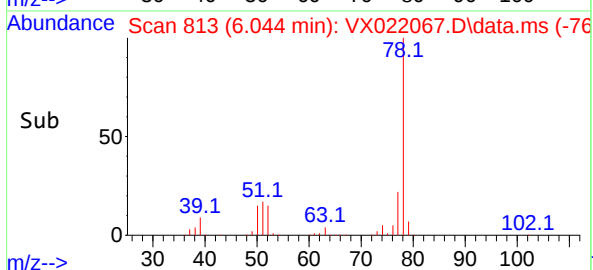
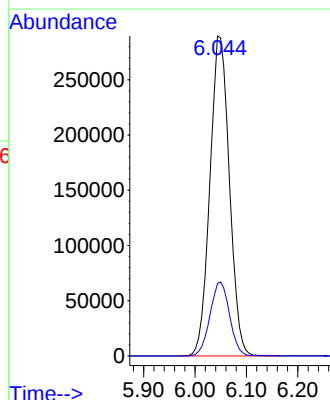
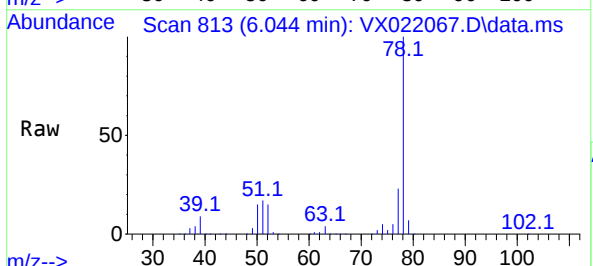
Delta R.T. -0.006 min

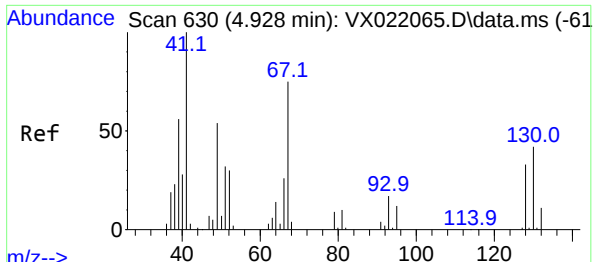
Lab File: VX022067.D

Acq: 18 May 2021 21:20

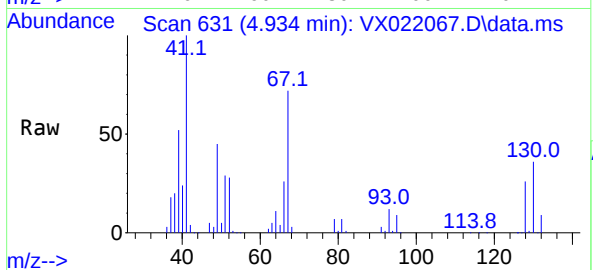
Tgt Ion: 78 Resp: 761461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.6  | 18.8  | 28.2  |



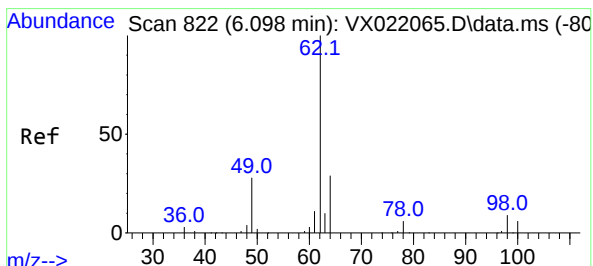
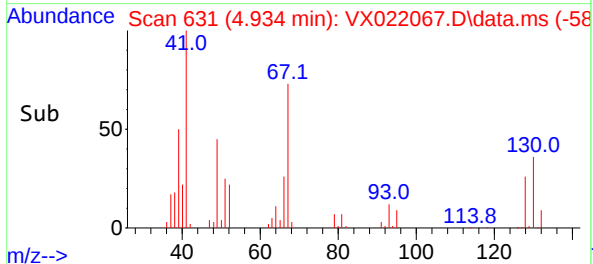
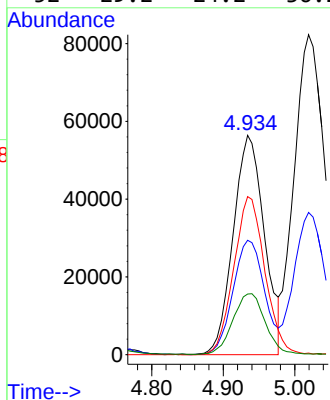


#41  
Methacrylonitrile  
Concen: 160.59 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

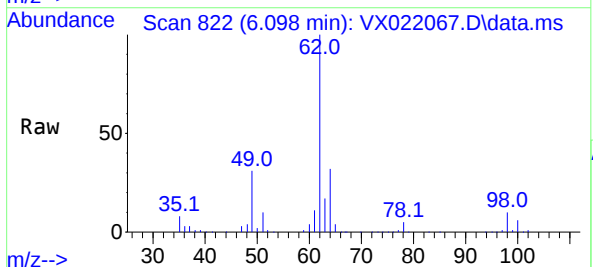


Tgt Ion: 41 Resp: 171101

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.0  | 45.3  | 67.9  |
| 67  | 72.2  | 62.2  | 93.4  |
| 52  | 29.2  | 24.2  | 36.2  |

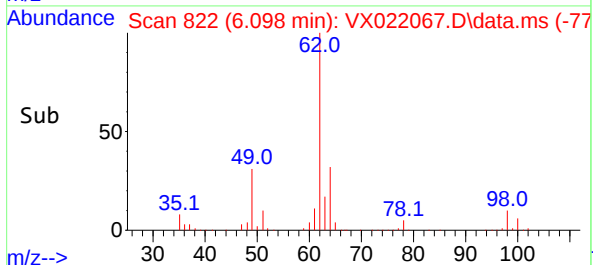
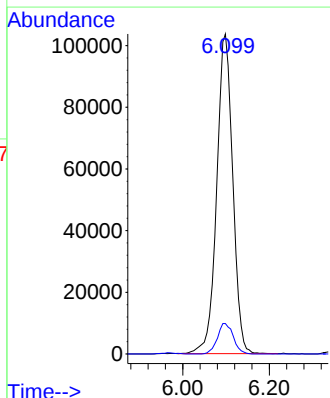


#42  
1,2-Dichloroethane  
Concen: 156.22 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



Tgt Ion: 62 Resp: 266399

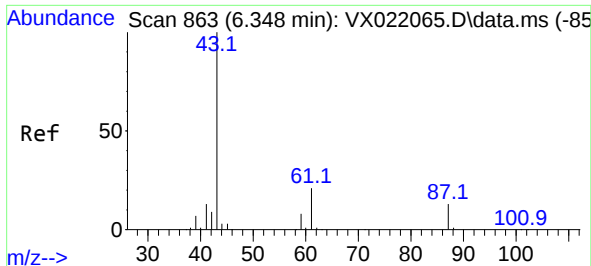
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.5   | 0.0   | 18.6  |



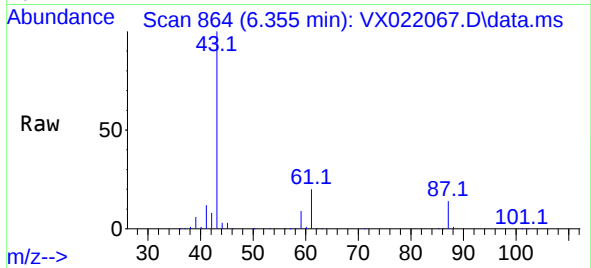
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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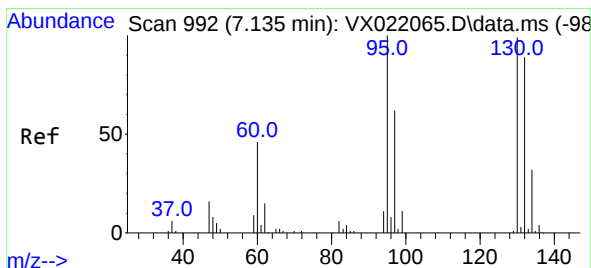
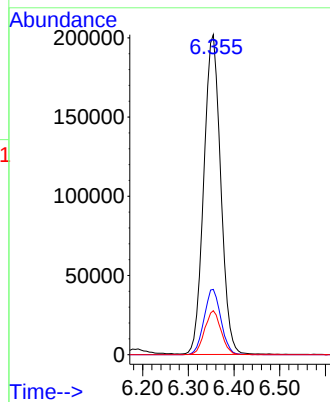
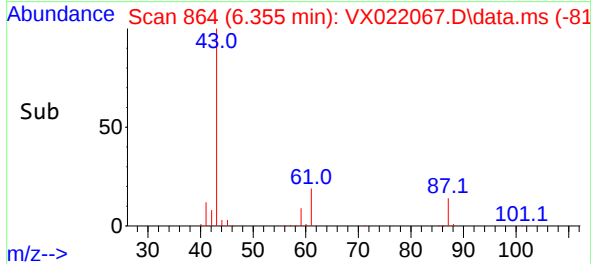
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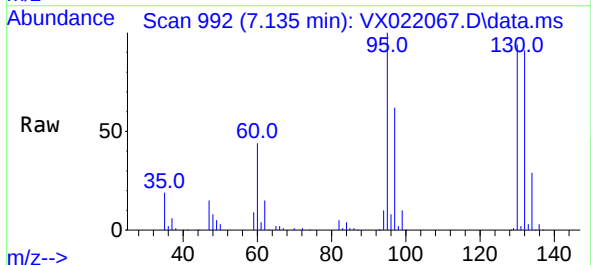
#43  
Isopropyl Acetate  
Concen: 158.60 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



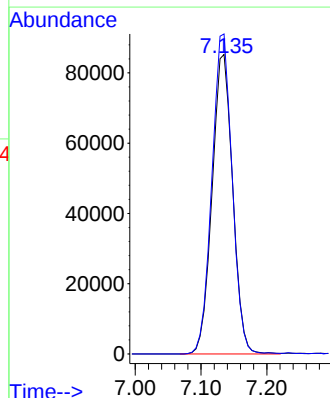
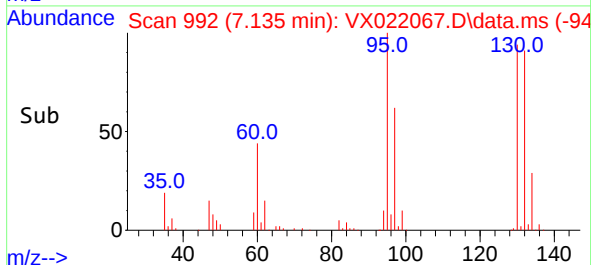
Tgt Ion: 43 Resp: 518233  
Ion Ratio Lower Upper  
43 100  
61 20.4 16.6 24.8  
87 13.4 10.7 16.1



#44  
Trichloroethene  
Concen: 153.45 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



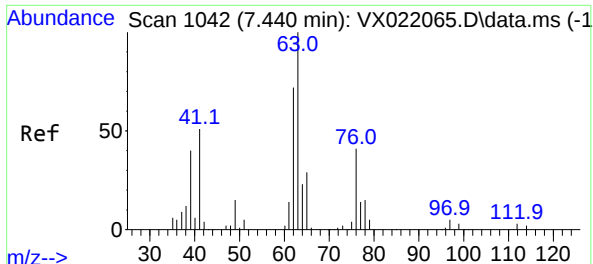
Tgt Ion: 130 Resp: 185722  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 201.2



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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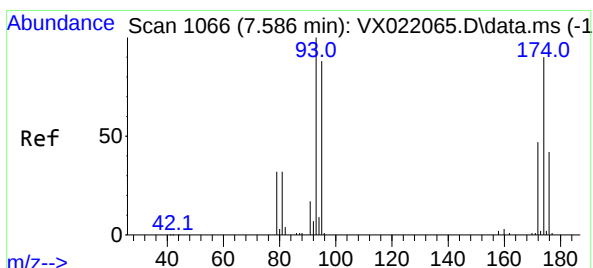
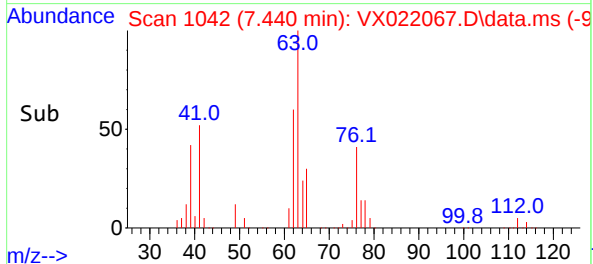
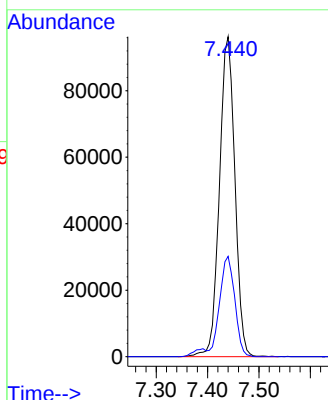
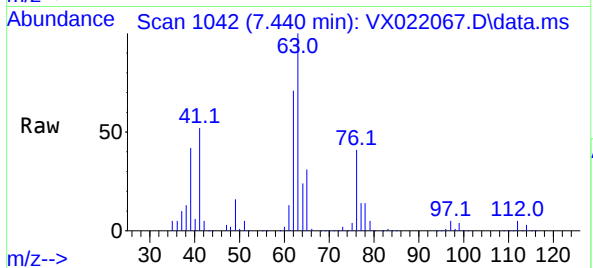
#45  
1,2-Dichloropropane  
Concen: 160.71 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 63 Resp: 201175  
Ion Ratio Lower Upper  
63 100  
65 31.3 23.3 34.9

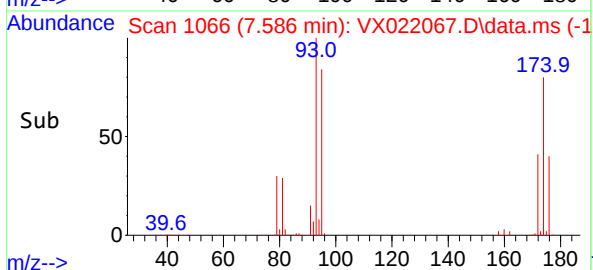
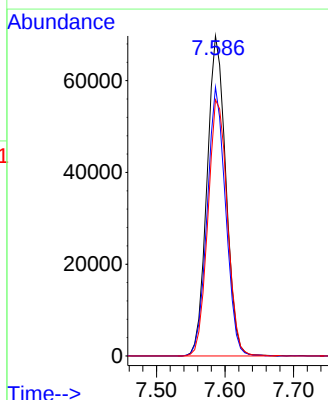
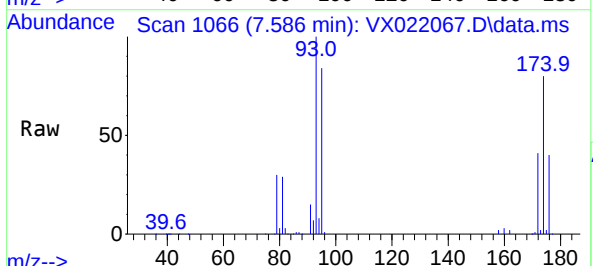
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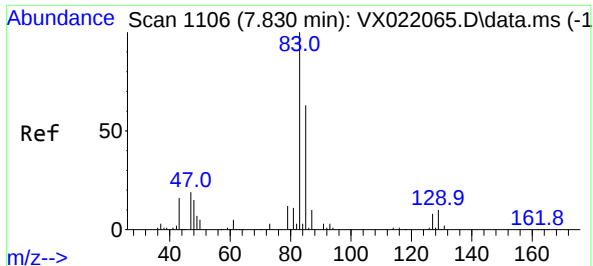
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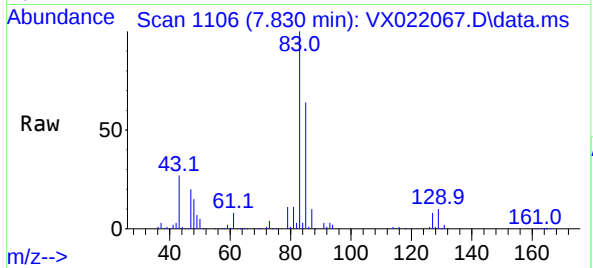
#46  
Dibromomethane  
Concen: 159.63 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 93 Resp: 133281  
Ion Ratio Lower Upper  
93 100  
95 82.4 66.7 100.1  
174 82.4 67.5 101.3

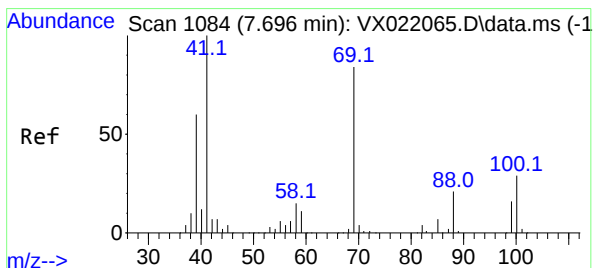
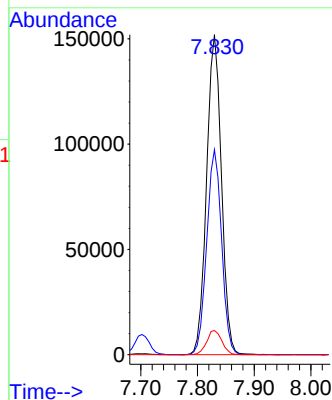
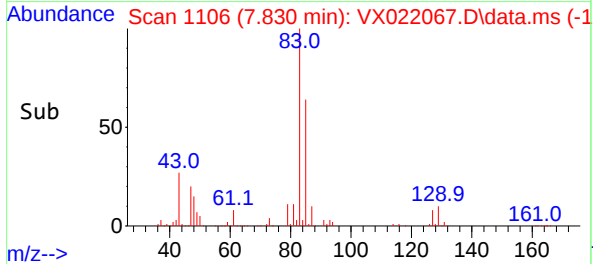




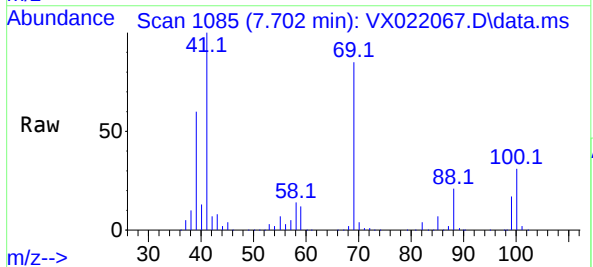
#47  
Bromodichloromethane  
Concen: 160.31 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



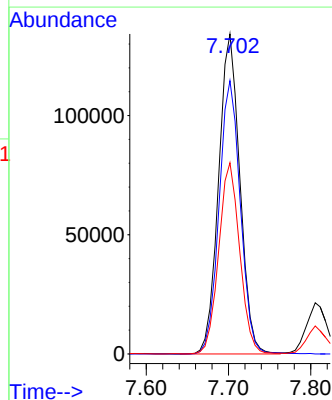
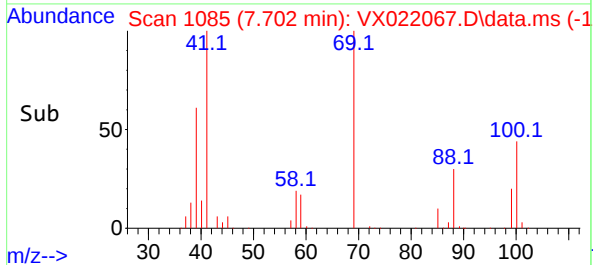
Tgt Ion: 83 Resp: 276158  
Ion Ratio Lower Upper  
83 100  
85 64.0 50.7 76.1  
127 7.6 6.3 9.5



#48  
Methyl methacrylate  
Concen: 164.66 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



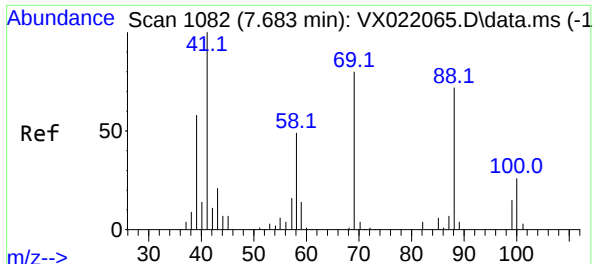
Tgt Ion: 41 Resp: 240903  
Ion Ratio Lower Upper  
41 100  
69 85.6 69.6 104.4  
39 59.0 48.2 72.2



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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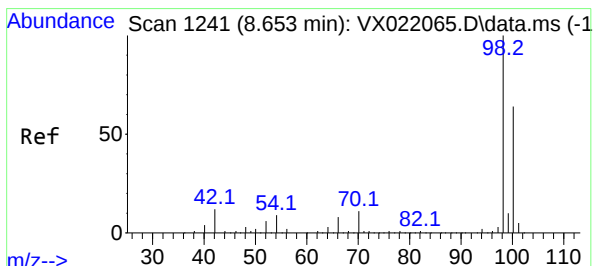
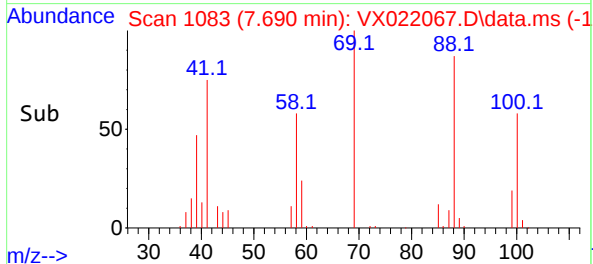
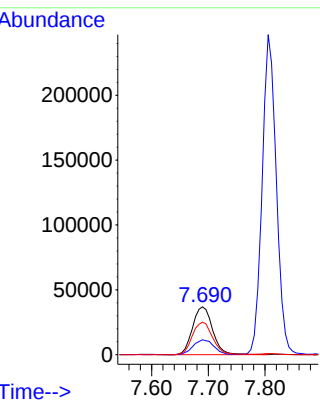
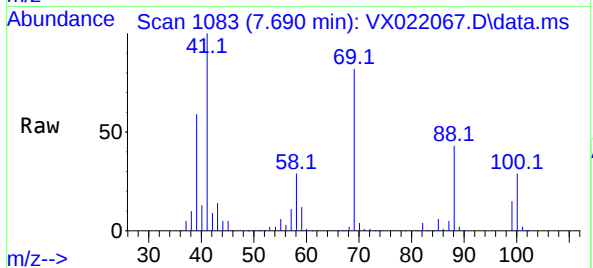
#49  
1,4-Dioxane  
Concen: 2989.96 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 88 Resp: 90659  
Ion Ratio Lower Upper  
88 100  
43 32.1 24.5 36.7  
58 68.7 56.8 85.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

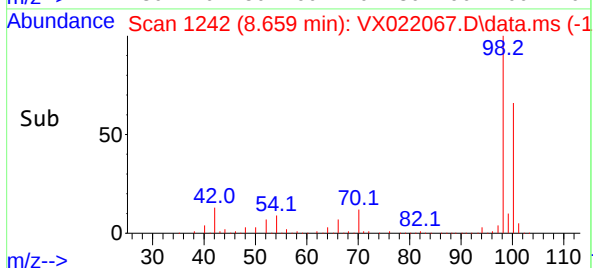
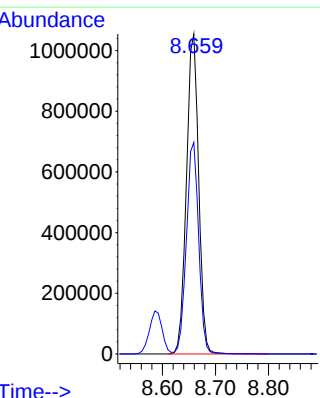
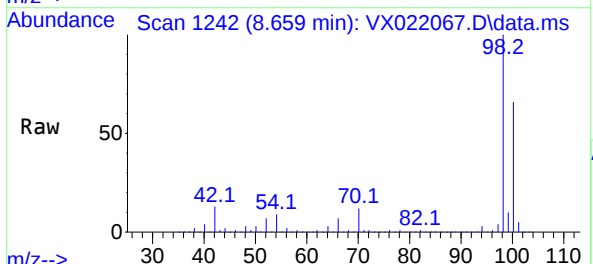
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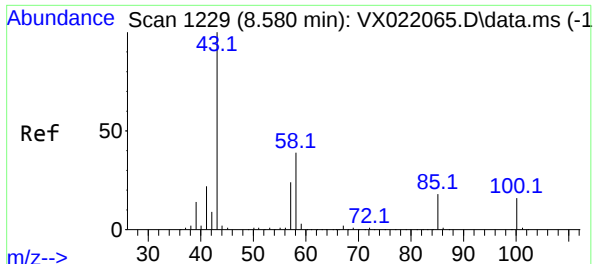
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#50  
Toluene-d8  
Concen: 159.98 ug/l  
RT: 8.659 min Scan# 1242  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 98 Resp: 1690417  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.8 79.2





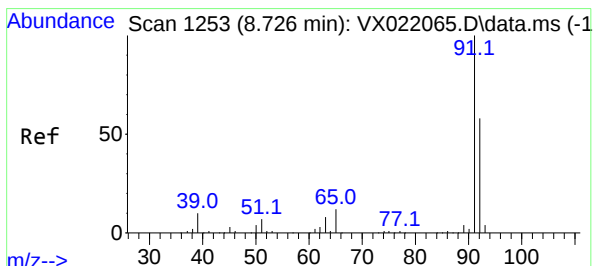
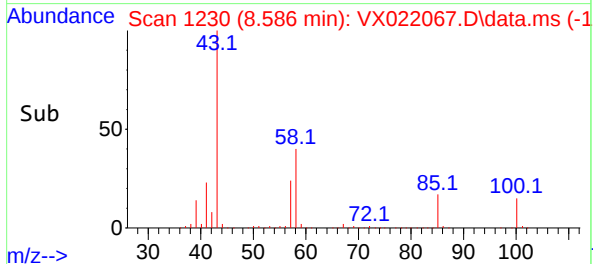
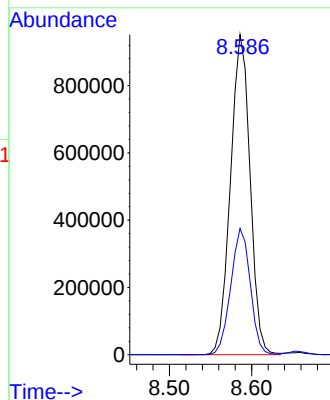
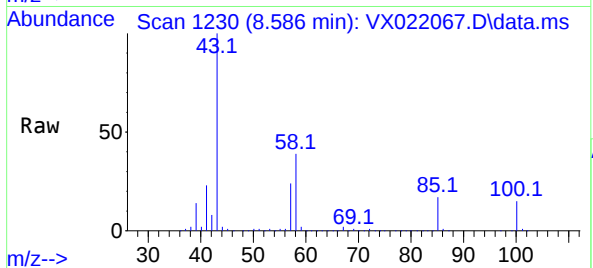
#51  
4-Methyl-2-Pentanone  
Concen: 798.09 ug/l  
RT: 8.586 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 1574841  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.4 47.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

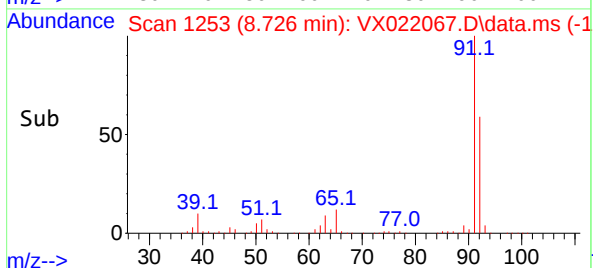
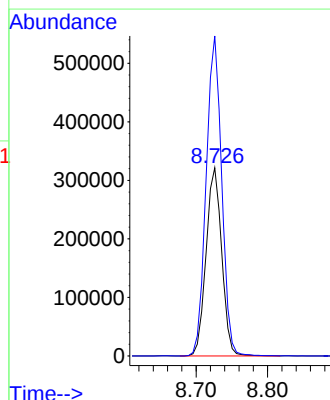
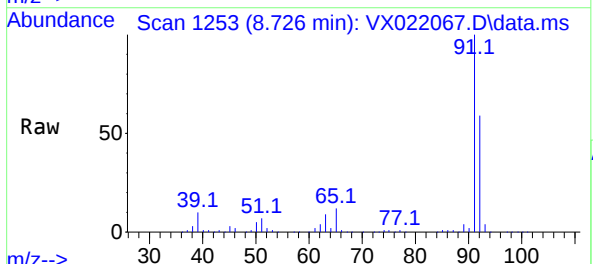
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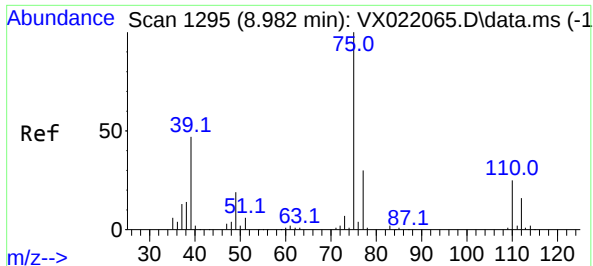
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#52  
Toluene  
Concen: 155.55 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 92 Resp: 488047  
Ion Ratio Lower Upper  
92 100  
91 169.4 136.9 205.3





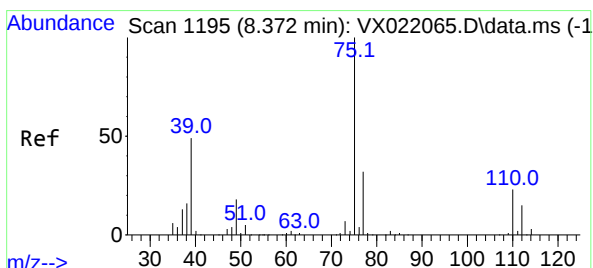
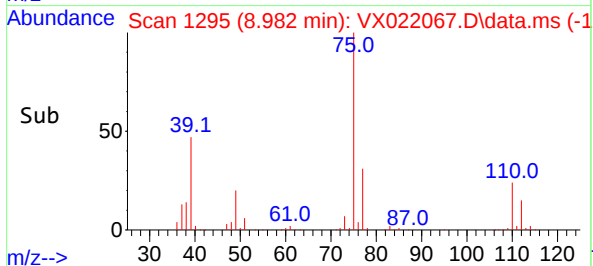
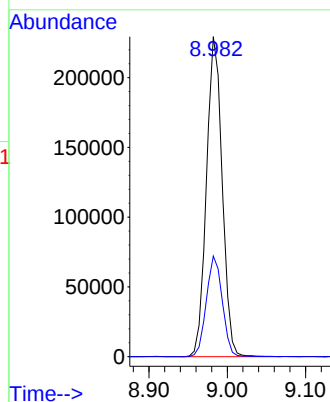
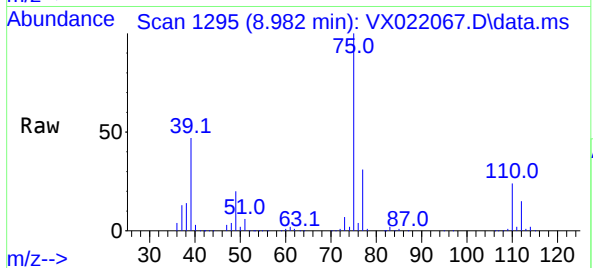
#53  
t-1,3-Dichloropropene  
Concen: 170.05 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 75 Resp: 319310  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.2 36.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

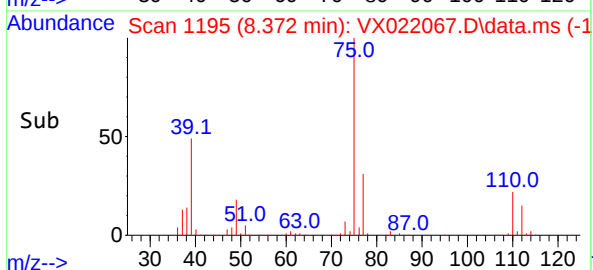
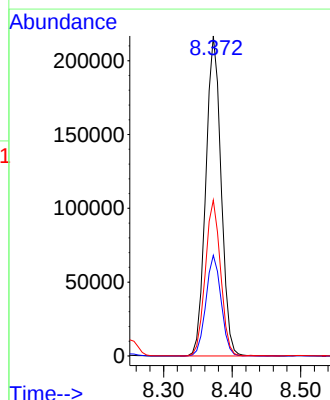
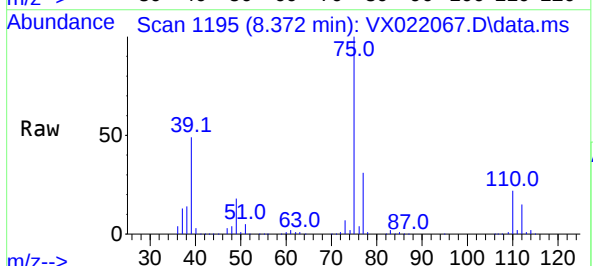
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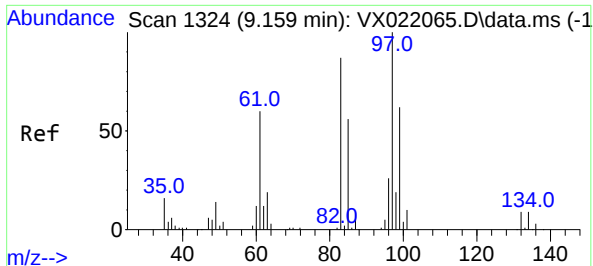
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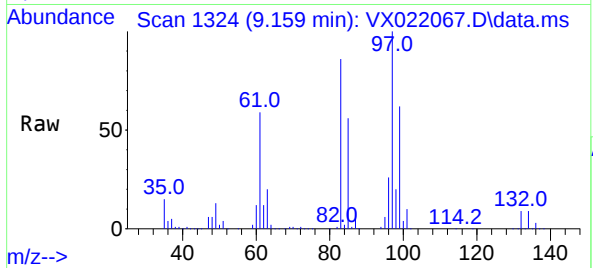
#54  
cis-1,3-Dichloropropene  
Concen: 163.87 ug/l  
RT: 8.372 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 75 Resp: 337106  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.5 38.3  
39 48.7 39.2 58.8

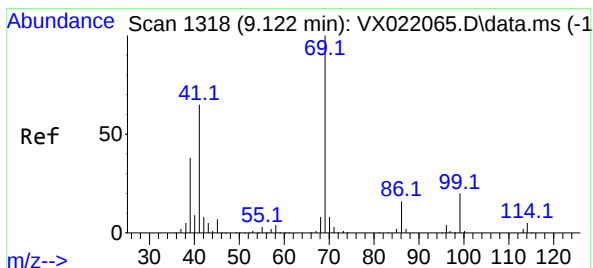
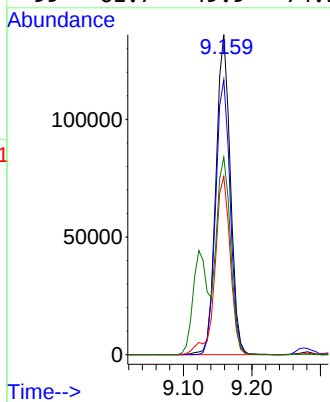
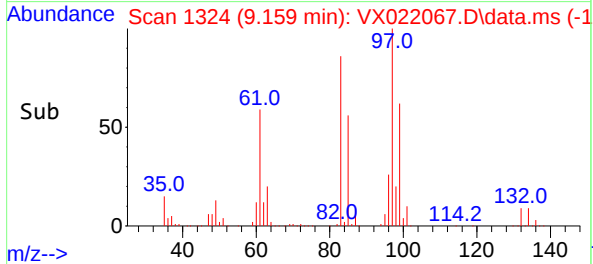




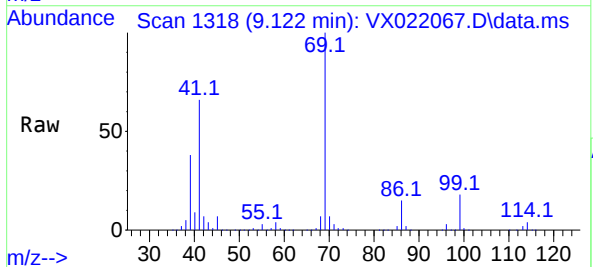
#55  
1,1,2-Trichloroethane  
Concen: 160.05 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



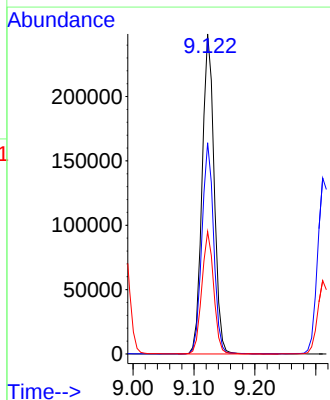
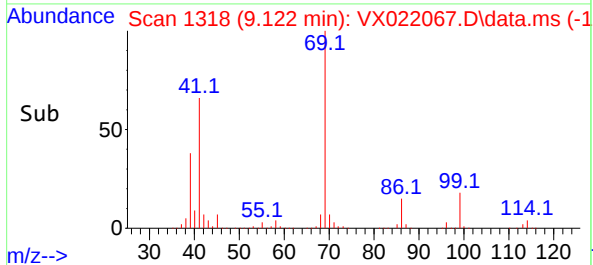
| Tgt Ion: | 97    | Resp: | 198062 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.9  | 69.9  | 104.9  |
| 85       | 55.7  | 44.6  | 66.8   |
| 99       | 61.7  | 49.9  | 74.9   |



#56  
Ethyl methacrylate  
Concen: 165.92 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



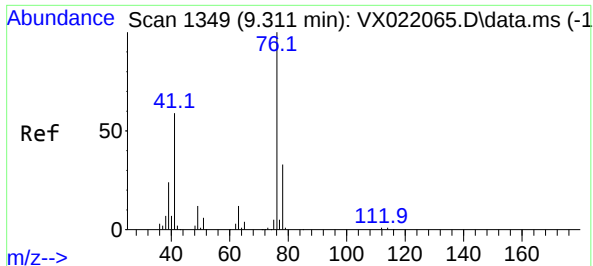
| Tgt Ion: | 69    | Resp: | 340682 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 64.9  | 52.9  | 79.3   |
| 39       | 37.7  | 30.5  | 45.7   |



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

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#57

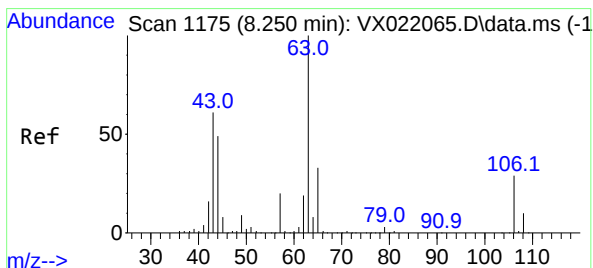
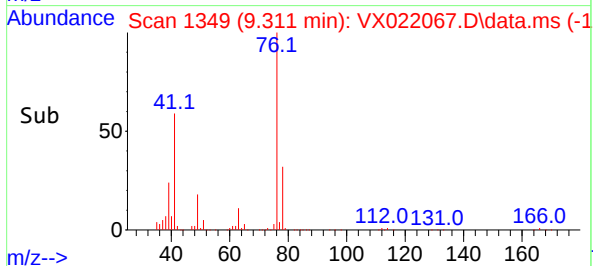
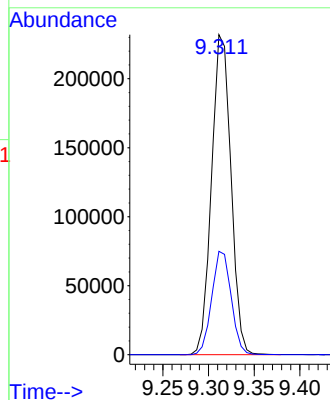
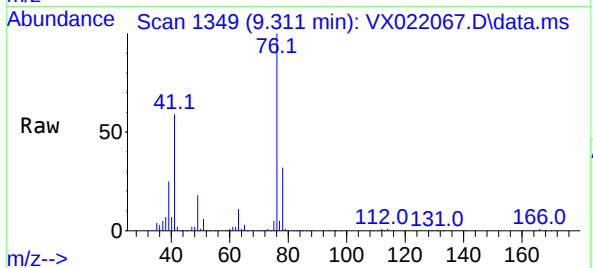
1,3-Dichloropropane  
Concen: 156.85 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 76 Resp: 341938  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.8 38.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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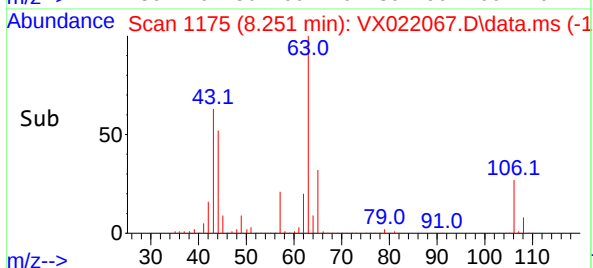
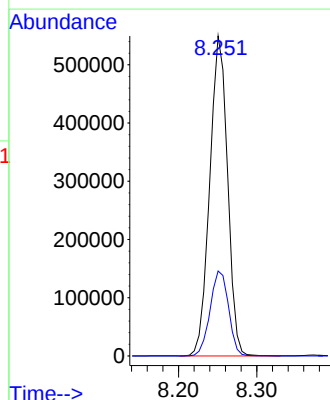
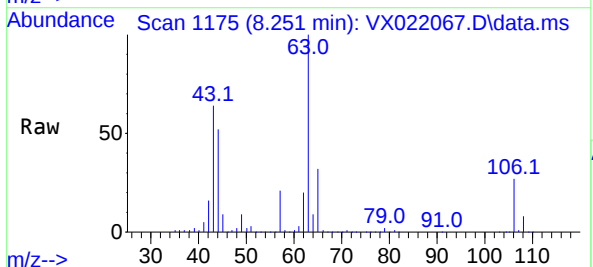
MMDadoda  
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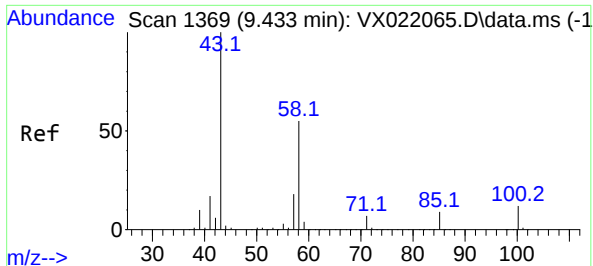


#58

2-Chloroethyl Vinyl ether  
Concen: 792.75 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 63 Resp: 866285  
Ion Ratio Lower Upper  
63 100  
106 27.5 22.8 34.2





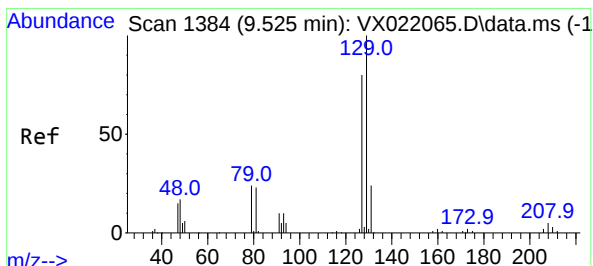
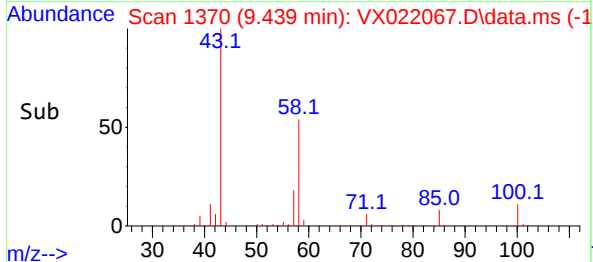
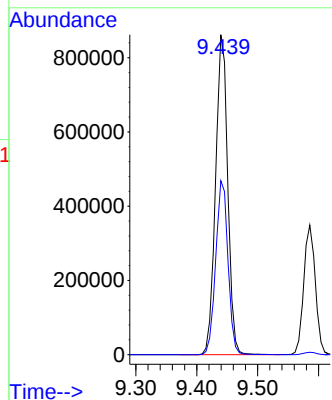
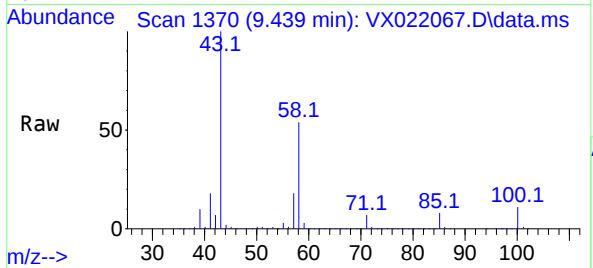
#59  
2-Hexanone  
Concen: 805.09 ug/l  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 1192837  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.7 83.1

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDIC150

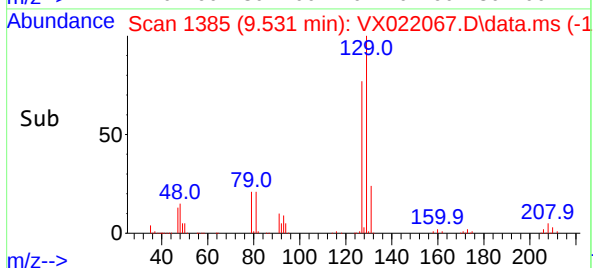
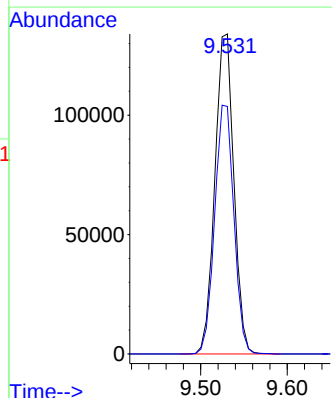
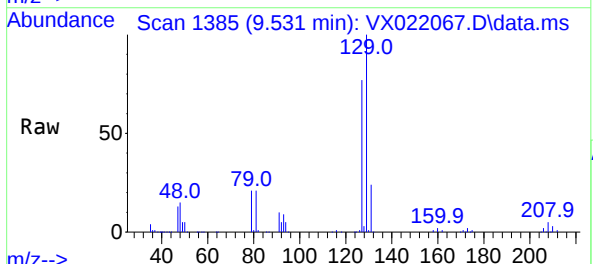
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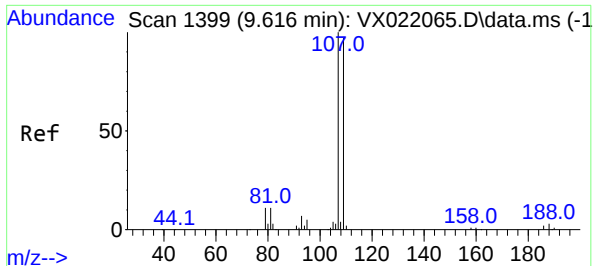
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#60  
Dibromochloromethane  
Concen: 169.80 ug/l  
RT: 9.531 min Scan# 1385  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 129 Resp: 203860  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.5 115.3





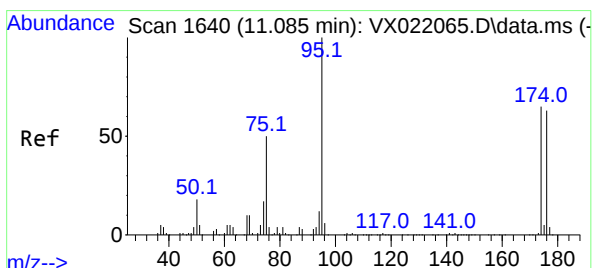
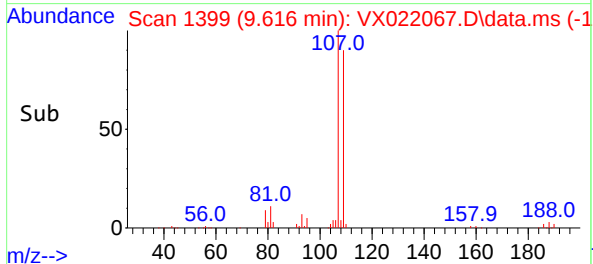
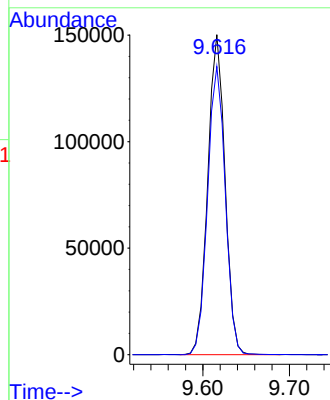
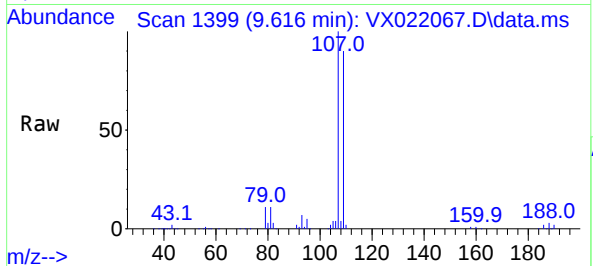
#61  
1,2-Dibromoethane  
Concen: 162.31 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:107 Resp: 207742  
Ion Ratio Lower Upper  
107 100  
109 92.5 76.0 114.0

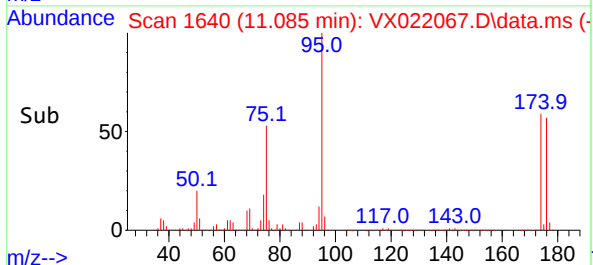
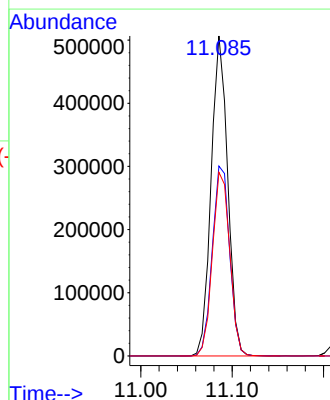
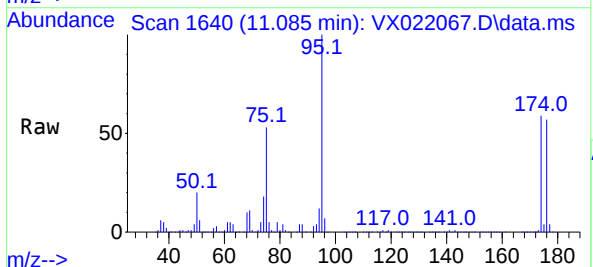
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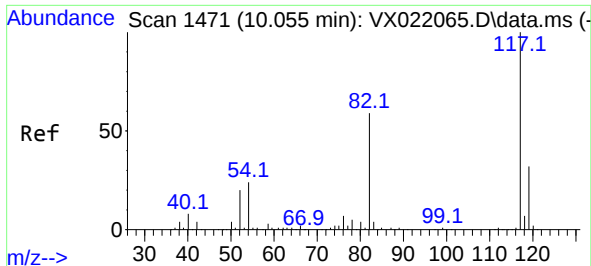
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#62  
4-Bromofluorobenzene  
Concen: 161.35 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 95 Resp: 634839  
Ion Ratio Lower Upper  
95 100  
174 62.5 0.0 128.8  
176 60.2 0.0 125.8





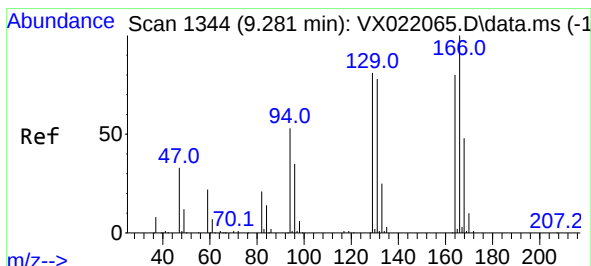
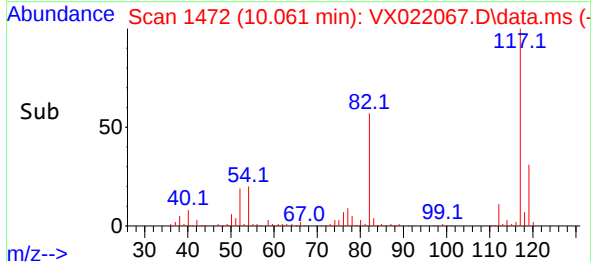
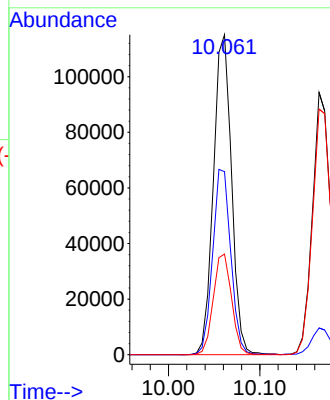
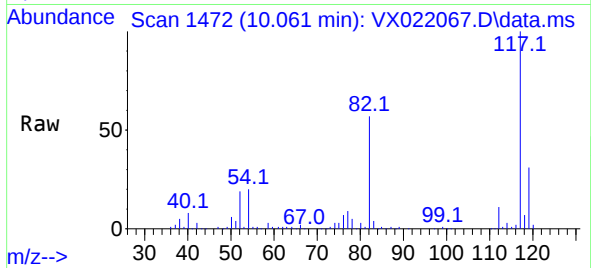
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:117 Resp: 158371  
Ion Ratio Lower Upper  
117 100  
82 57.2 47.6 71.4  
119 31.5 25.4 38.2

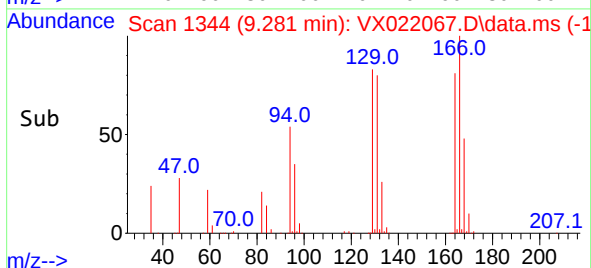
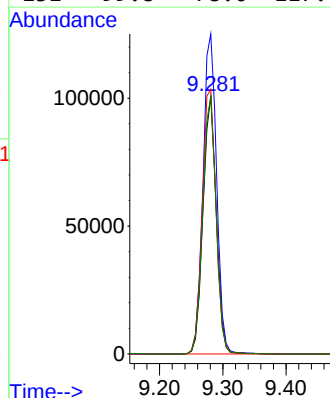
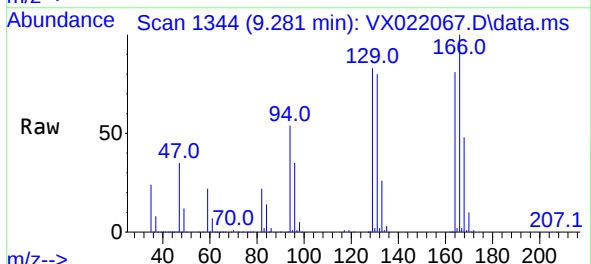
Manual Integrations  
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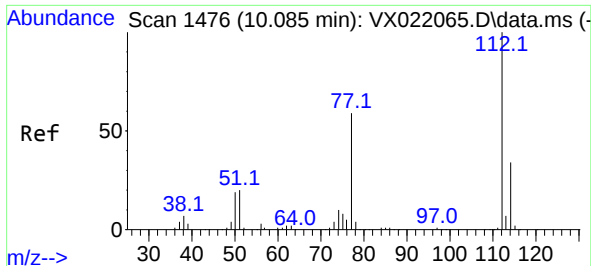
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#64  
Tetrachloroethene  
Concen: 143.56 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:164 Resp: 147522  
Ion Ratio Lower Upper  
164 100  
166 124.0 99.7 149.5  
129 102.6 81.0 121.6  
131 99.8 78.0 117.0





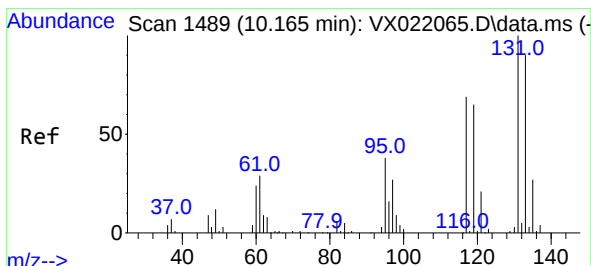
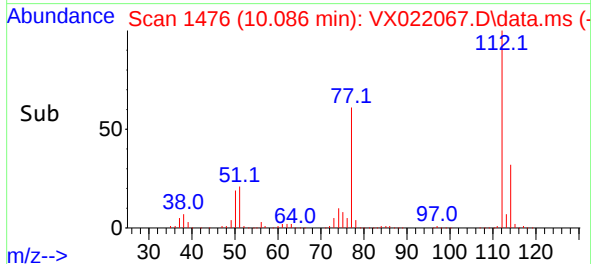
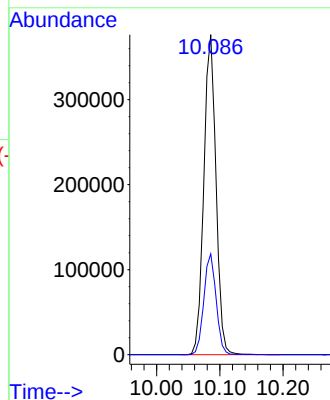
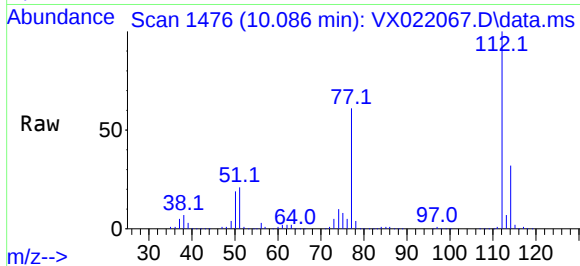
#65  
Chlorobenzene  
Concen: 153.98 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:112 Resp: 504892  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.9 40.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

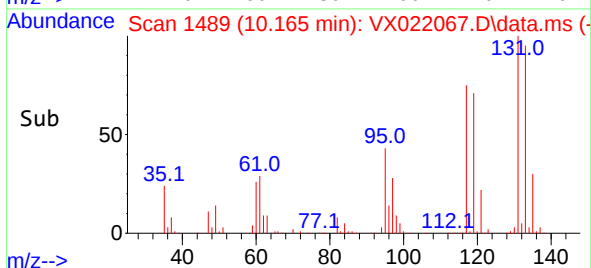
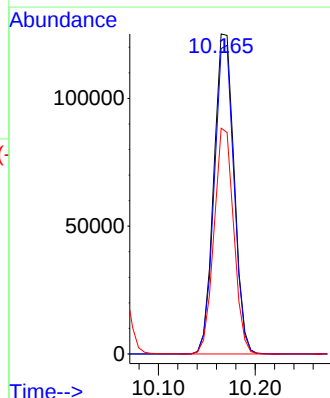
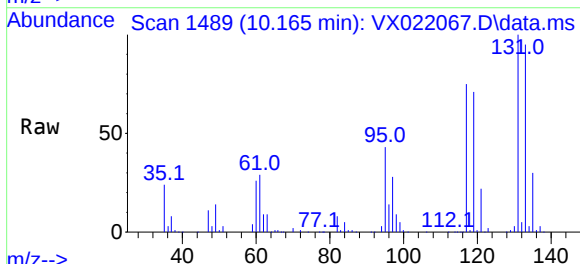
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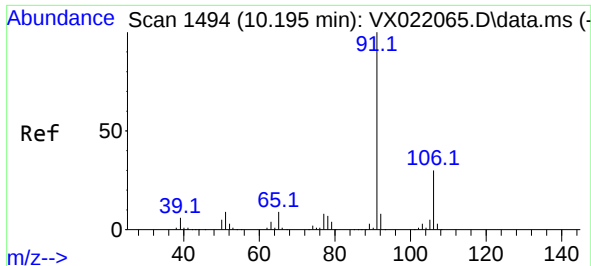
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 157.48 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:131 Resp: 182009  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.9 143.6  
119 68.5 34.1 102.2





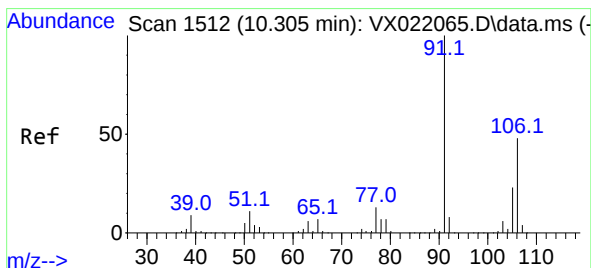
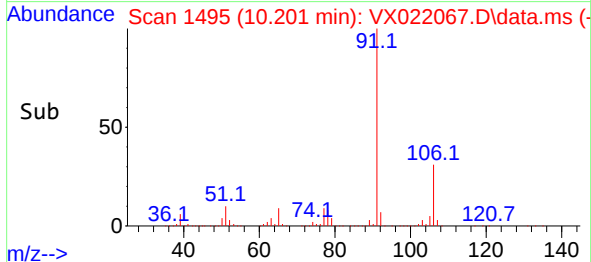
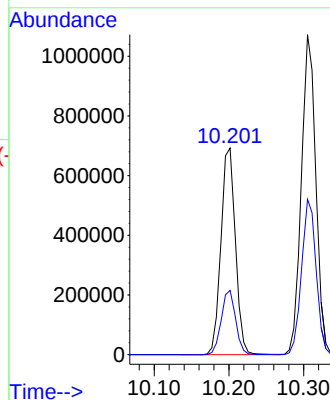
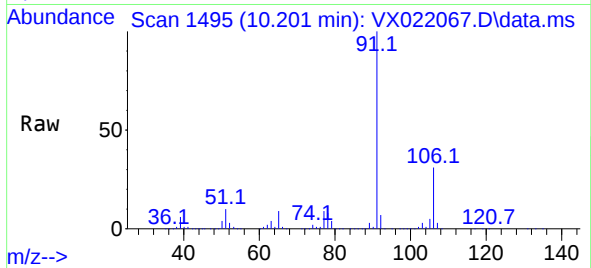
#67  
Ethyl Benzene  
Concen: 157.24 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 91 Resp: 934394  
Ion Ratio Lower Upper  
91 100  
106 31.2 23.9 35.9

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

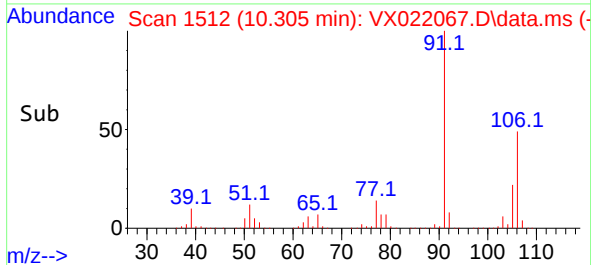
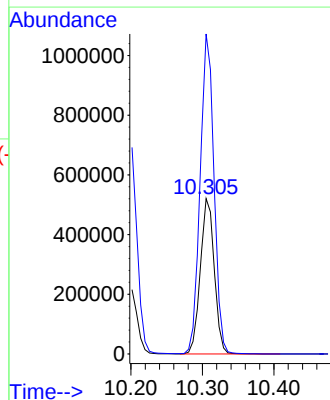
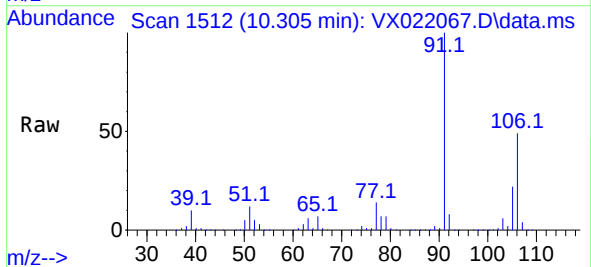
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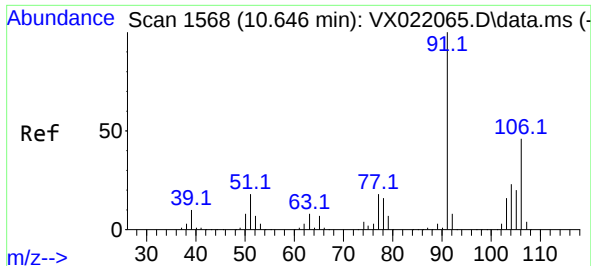
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5/20/2021 5:57:28 PM



#68  
m/p-Xylenes  
Concen: 309.77 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:106 Resp: 703882  
Ion Ratio Lower Upper  
106 100  
91 204.7 164.6 247.0





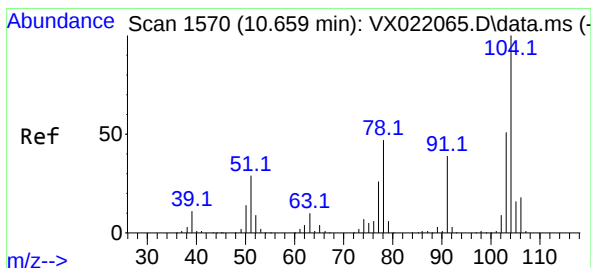
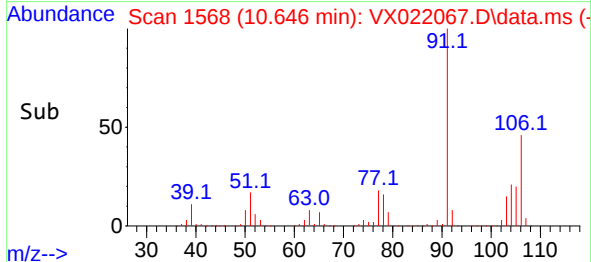
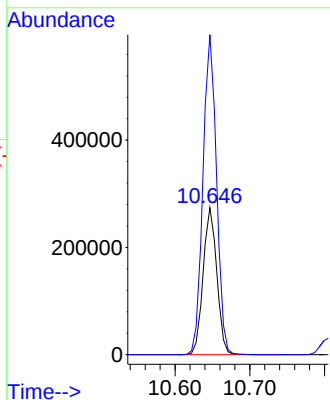
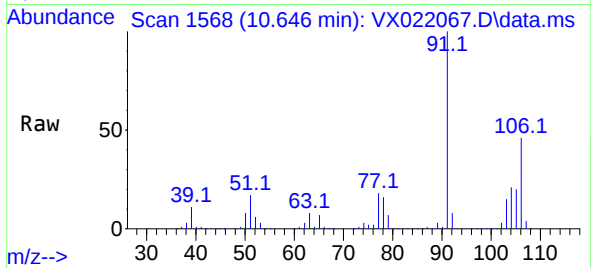
#69  
o-Xylene  
Concen: 157.54 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion:106 Resp: 347337  
Ion Ratio Lower Upper  
106 100  
91 216.7 107.3 322.0

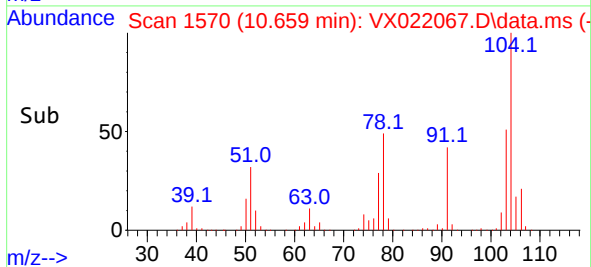
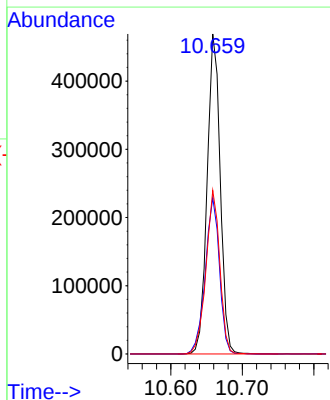
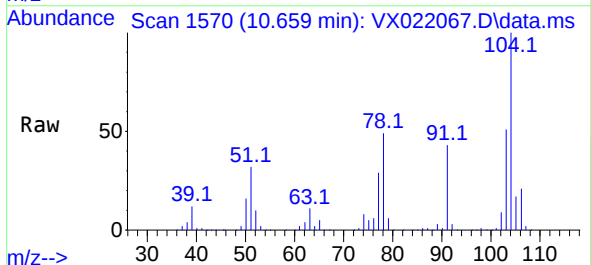
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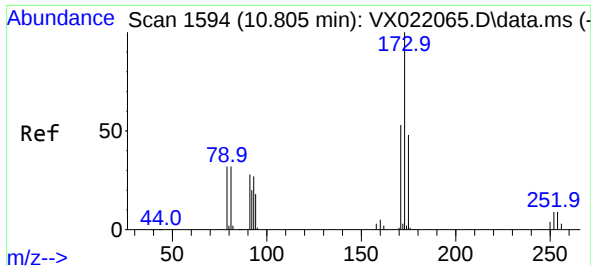
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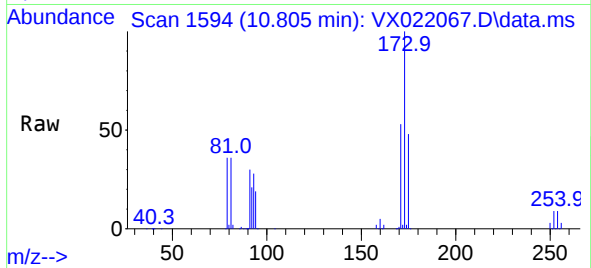
#70  
Styrene  
Concen: 162.29 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:104 Resp: 596617  
Ion Ratio Lower Upper  
104 100  
78 53.1 41.1 61.7  
103 54.1 43.1 64.7

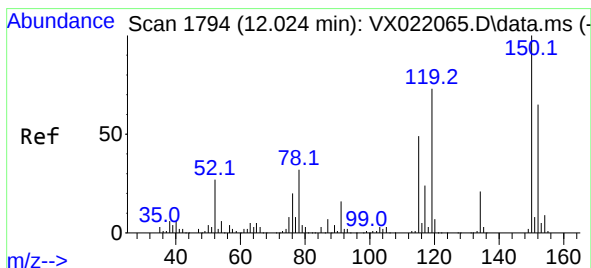
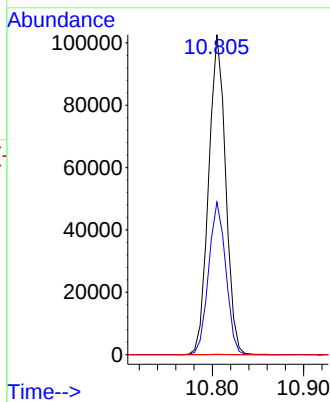
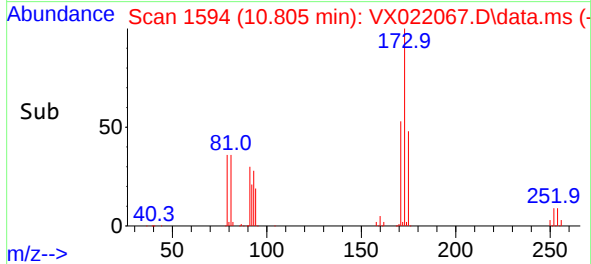




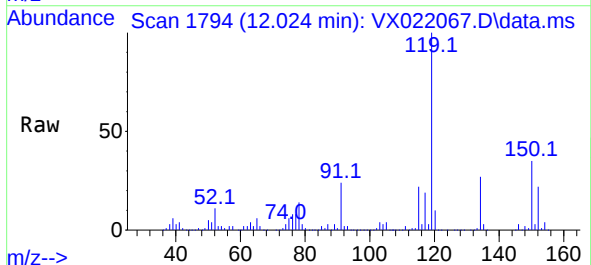
#71  
Bromoform  
Concen: 172.63 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



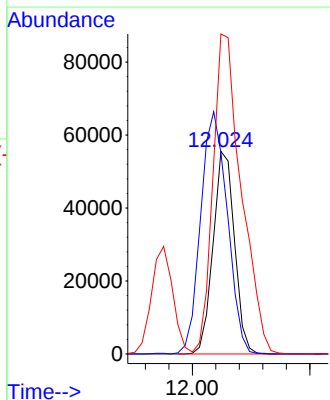
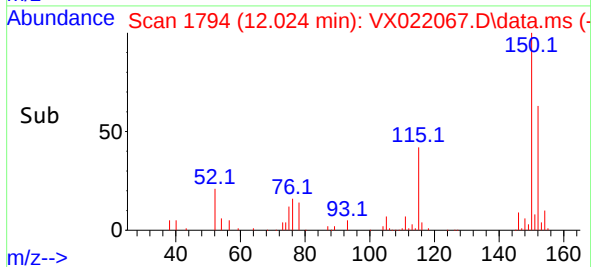
Tgt Ion:173 Resp: 131935  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.6 73.6  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



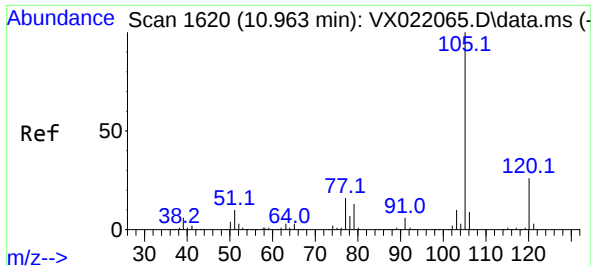
Tgt Ion:152 Resp: 70161  
Ion Ratio Lower Upper  
152 100  
115 149.1 46.4 139.2#  
150 209.6 0.0 349.8



Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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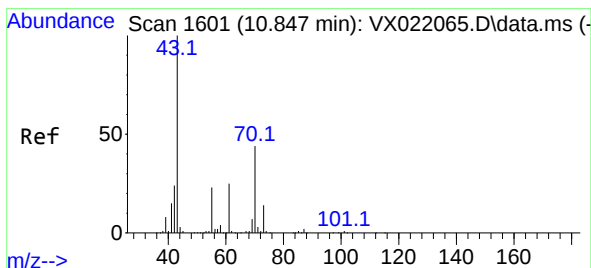
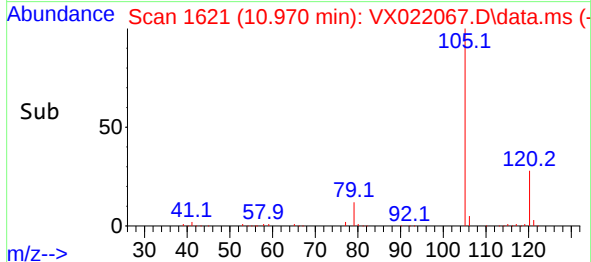
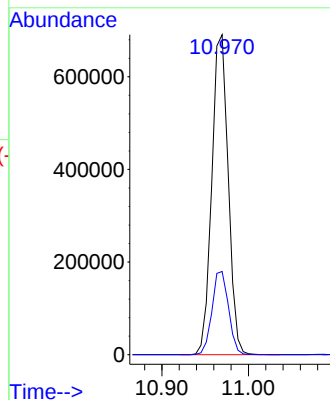
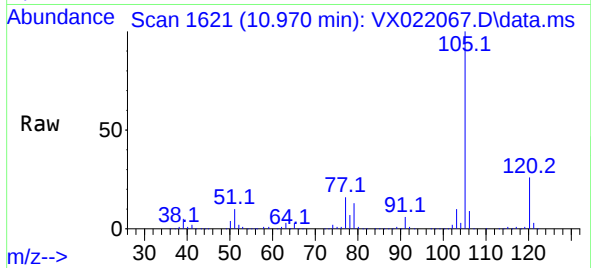
#73  
Isopropylbenzene  
Concen: 155.95 ug/l  
RT: 10.970 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 105 Resp: 909744  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.4 40.1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

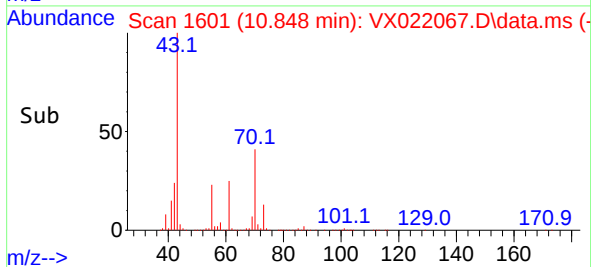
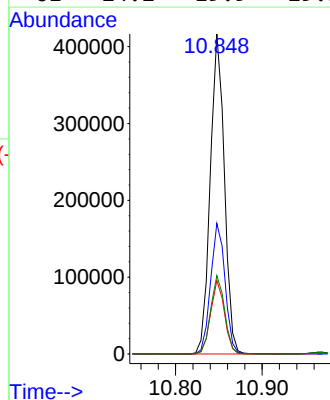
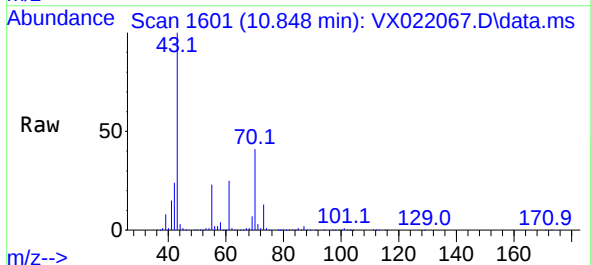
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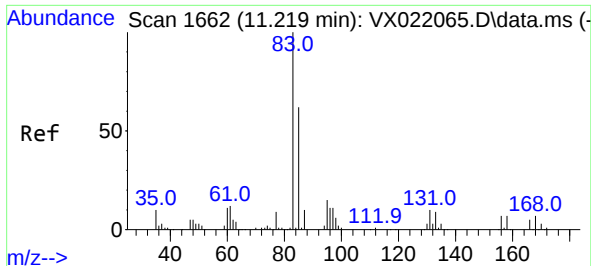
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#74  
N-ethyl acetate  
Concen: 164.26 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 43 Resp: 471640  
Ion Ratio Lower Upper  
43 100  
70 41.8 34.7 52.1  
55 22.5 18.5 27.7  
61 24.2 19.9 29.9





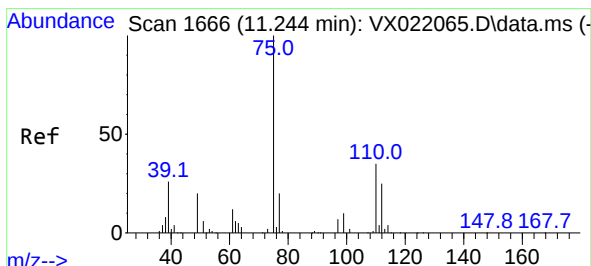
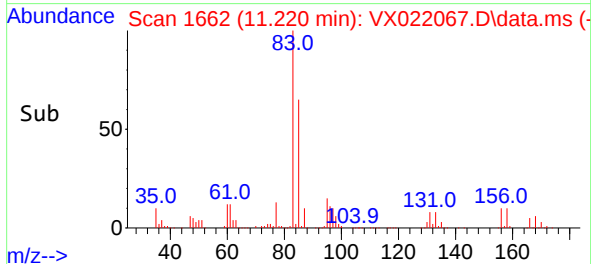
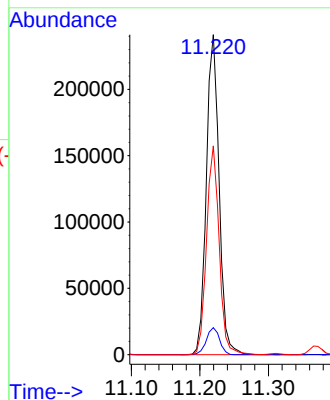
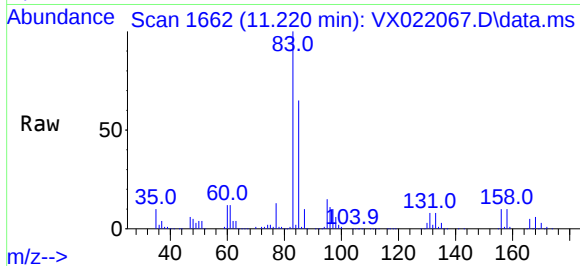
#75  
1,1,2,2-Tetrachloroethane  
Concen: 156.57 ug/l  
RT: 11.220 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Tgt Ion: 83 Resp: 312249  
Ion Ratio Lower Upper  
83 100  
131 8.8 4.5 13.7  
85 64.7 31.9 95.7

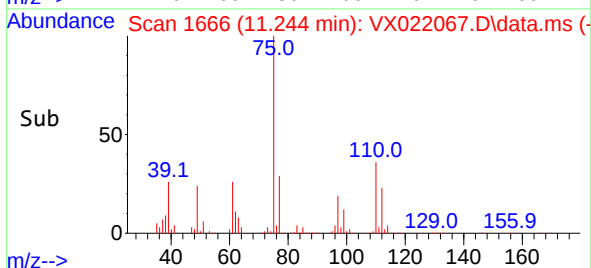
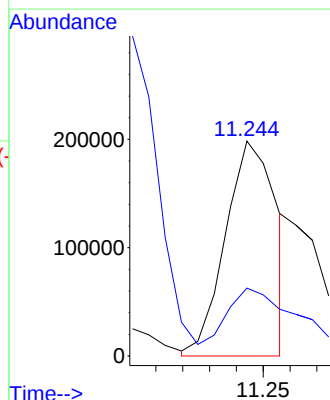
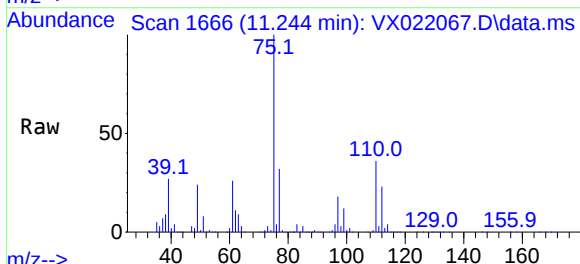
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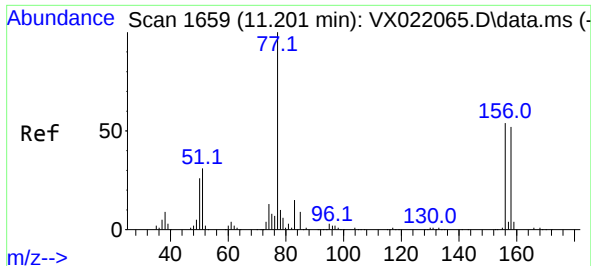
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#76  
1,2,3-Trichloropropane  
Concen: 115.85 ug/l m  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 75 Resp: 262194  
Ion Ratio Lower Upper  
75 100  
77 45.1 20.8 62.5





#77  
Bromobenzene  
Concen: 154.35 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

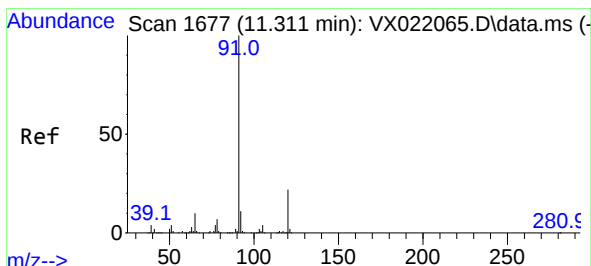
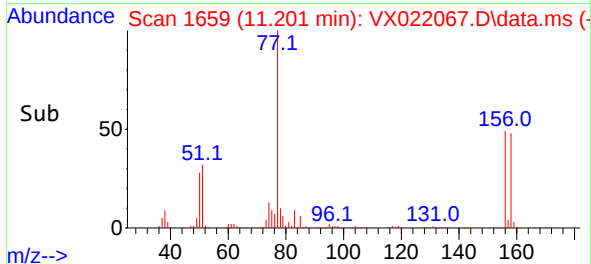
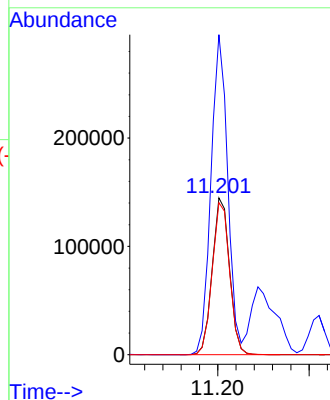
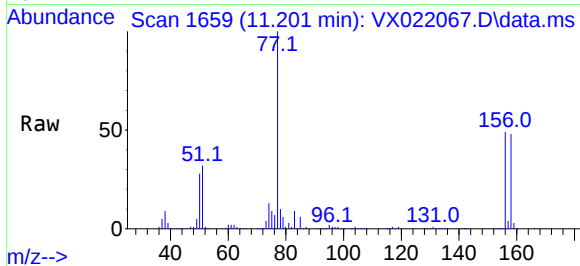
Tgt Ion: 156 Resp: 189268  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 197.3 | 93.6  | 280.8 |
| 158 | 97.6  | 48.1  | 144.4 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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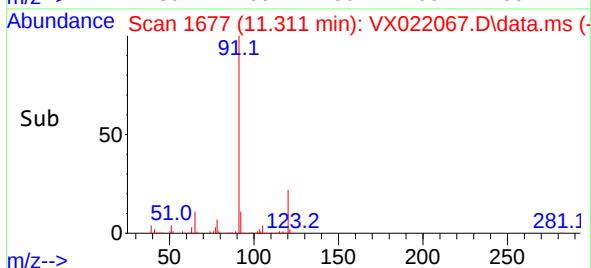
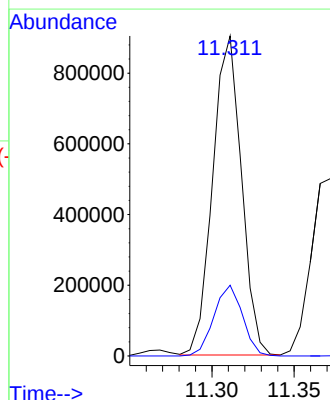
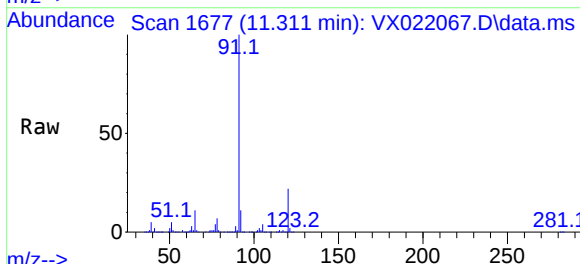
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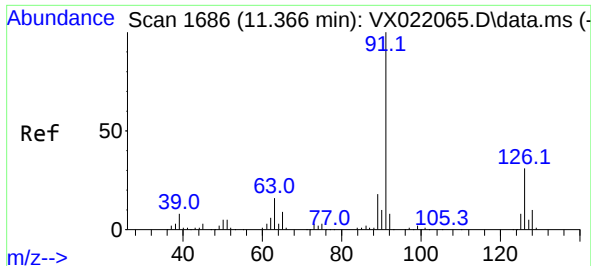


#78  
n-propylbenzene  
Concen: 159.68 ug/l  
RT: 11.311 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 91 Resp: 1097698  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 22.1  | 11.2  | 33.6  |





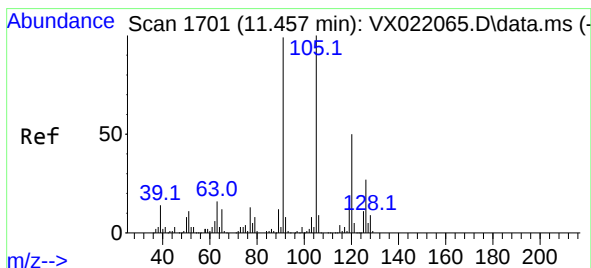
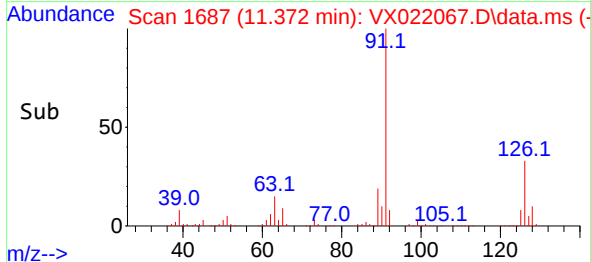
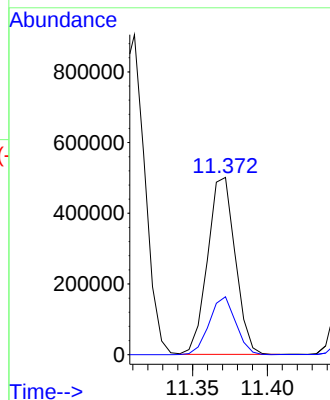
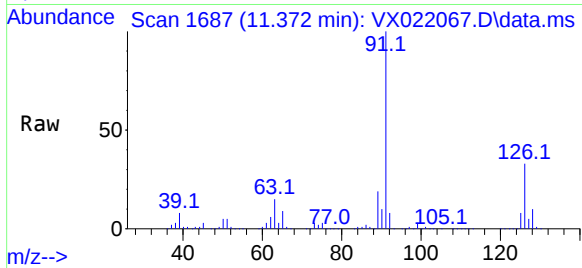
#79  
2-Chlorotoluene  
Concen: 156.12 ug/l  
RT: 11.372 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion: 91 Resp: 643724  
Ion Ratio Lower Upper  
91 100  
126 31.4 16.2 48.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

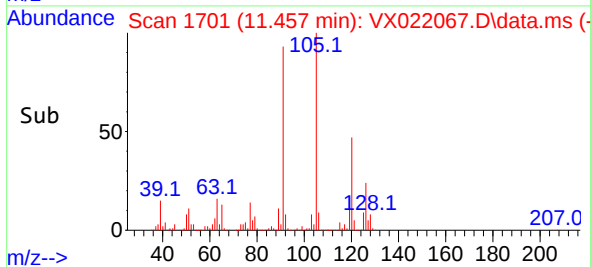
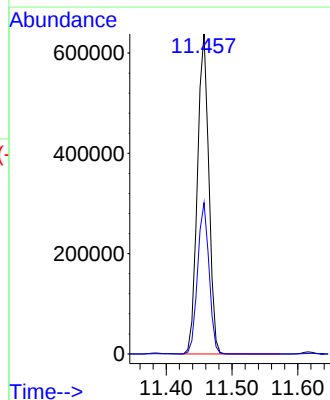
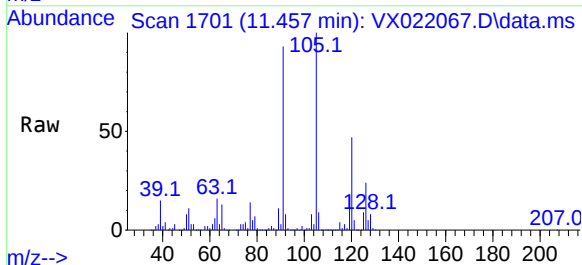
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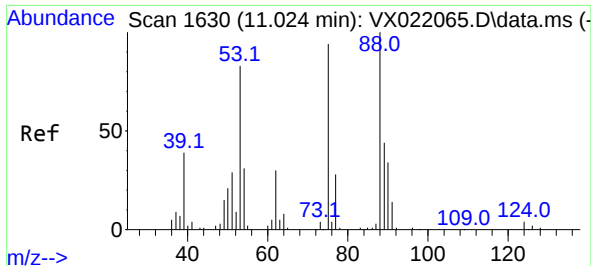
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#80  
1,3,5-Trimethylbenzene  
Concen: 157.51 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

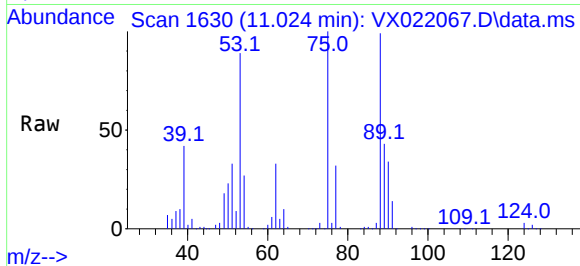
Tgt Ion: 105 Resp: 765084  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 171.38 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

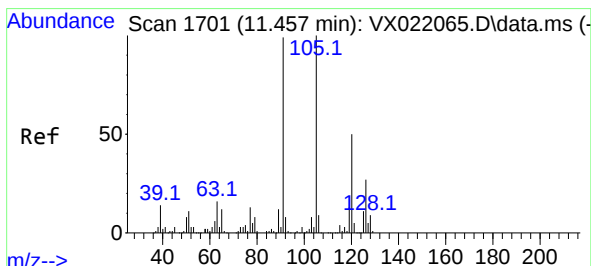
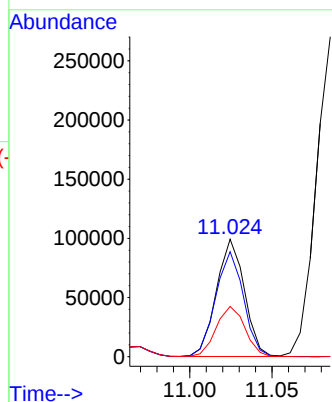
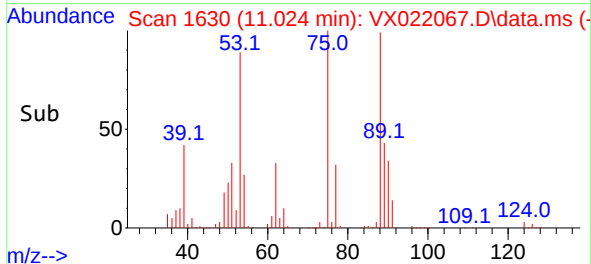
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



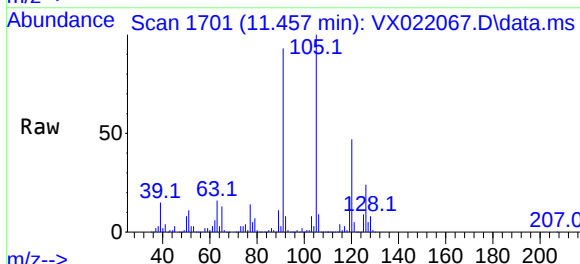
Tgt Ion: 75 Resp: 117710  
Ion Ratio Lower Upper  
75 100  
53 89.2 73.0 109.4  
89 44.2 36.5 54.7

Manual Integrations  
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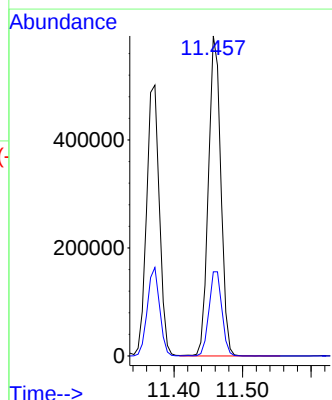
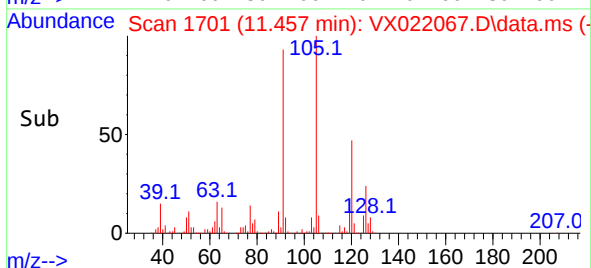
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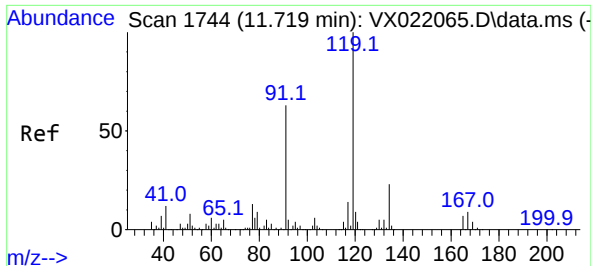


#82  
4-Chlorotoluene  
Concen: 156.68 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



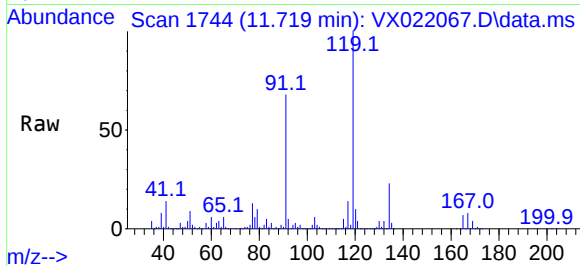
Tgt Ion: 91 Resp: 748076  
Ion Ratio Lower Upper  
91 100  
126 27.4 14.1 42.2





#83  
tert-Butylbenzene  
Concen: 151.93 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

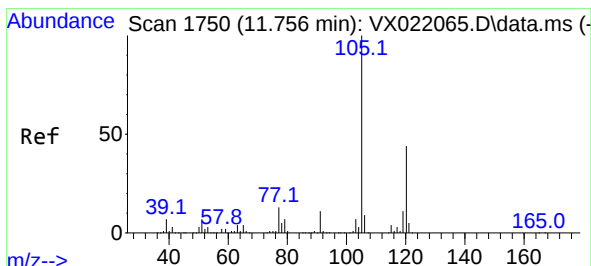
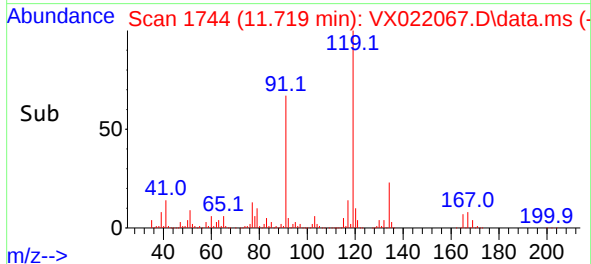
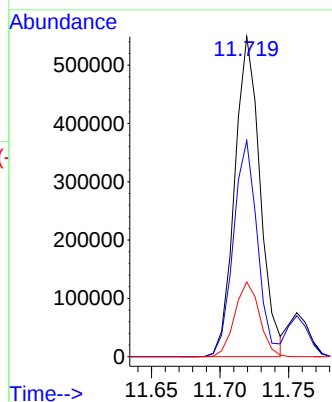
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150



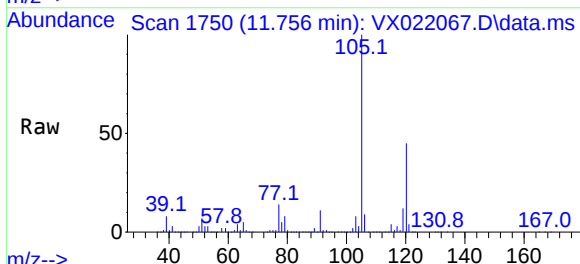
Tgt Ion:119 Resp: 708629  
Ion Ratio Lower Upper  
119 100  
91 64.2 31.0 93.0  
134 22.8 11.5 34.5

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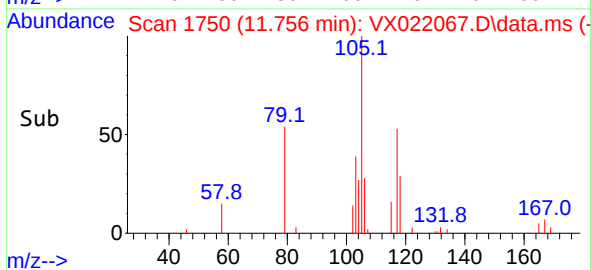
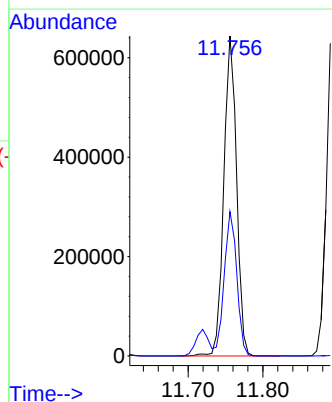
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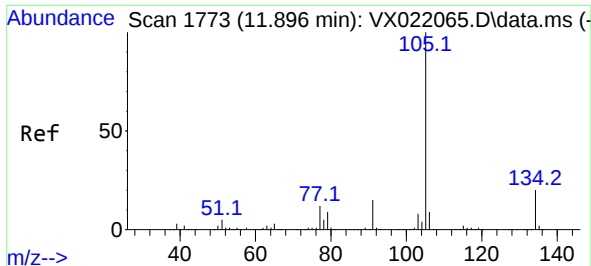


#84  
1,2,4-Trimethylbenzene  
Concen: 152.88 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20



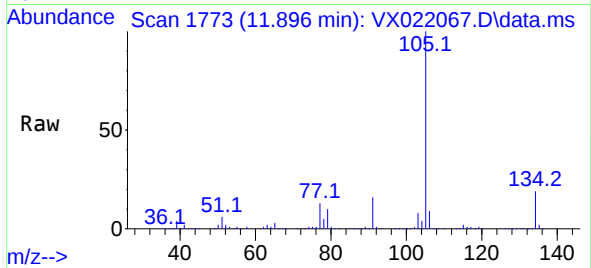
Tgt Ion:105 Resp: 764699  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.1 66.3





#85  
 sec-Butylbenzene  
 Concen: 159.33 ug/l  
 RT: 11.896 min Scan# 1773  
 Delta R.T. 0.000 min  
 Lab File: VX022067.D  
 Acq: 18 May 2021 21:20

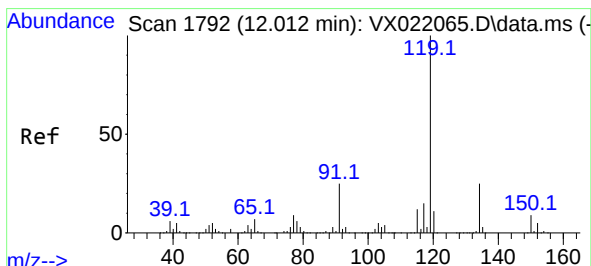
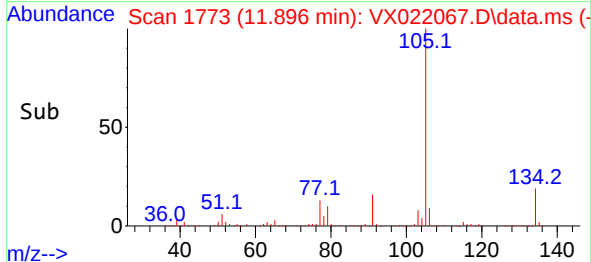
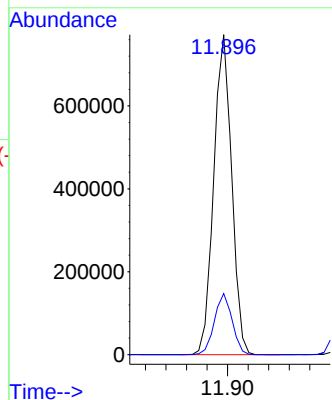
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC150



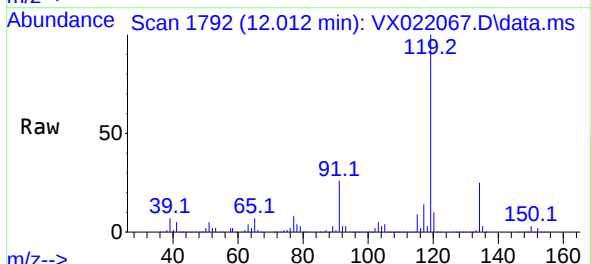
Tgt Ion:105 Resp: 934216  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.8 29.3

Manual Integrations  
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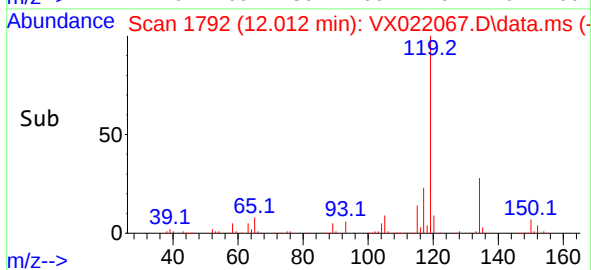
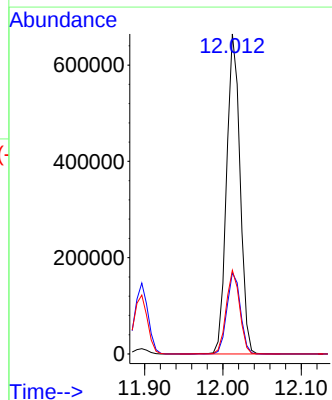
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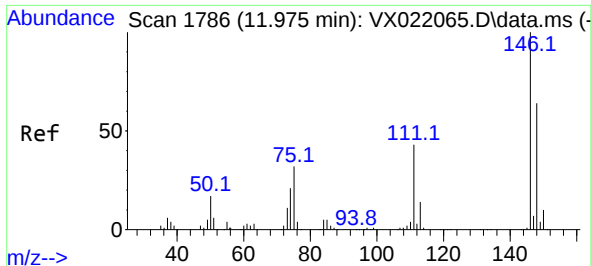


#86  
 p-Isopropyltoluene  
 Concen: 159.70 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX022067.D  
 Acq: 18 May 2021 21:20



Tgt Ion:119 Resp: 795509  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.7 38.0  
 91 26.0 12.6 37.8





#87

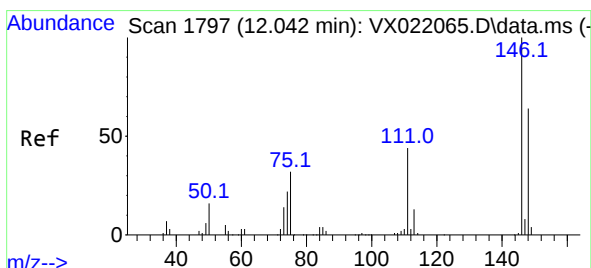
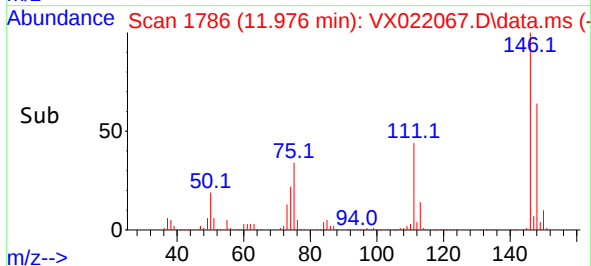
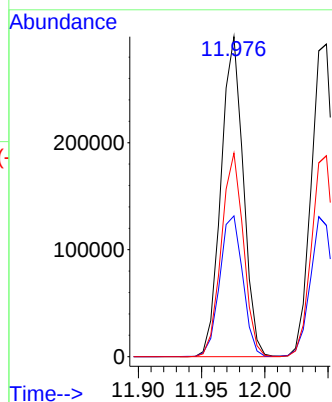
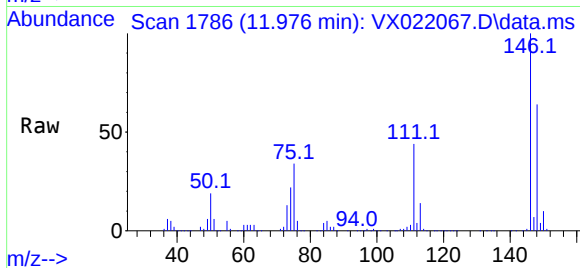
1,3-Dichlorobenzene  
Concen: 152.30 ug/l  
RT: 11.976 min Scan# 1786  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

Tgt Ion:146 Resp: 365680  
Ion Ratio Lower Upper  
146 100  
111 45.7 22.2 66.6  
148 63.2 31.8 95.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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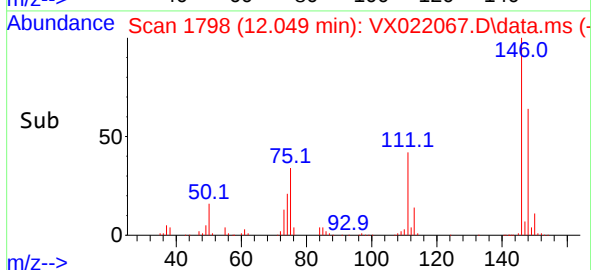
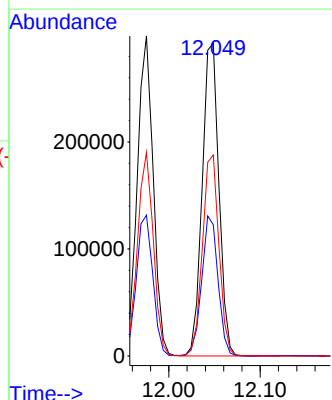
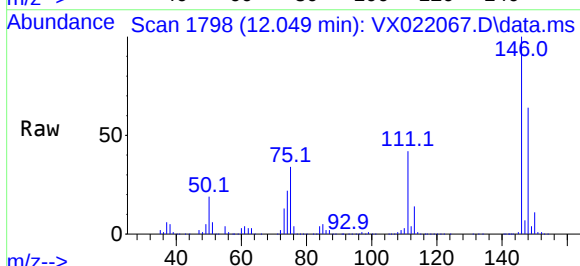
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5/20/2021 5:57:28 PM

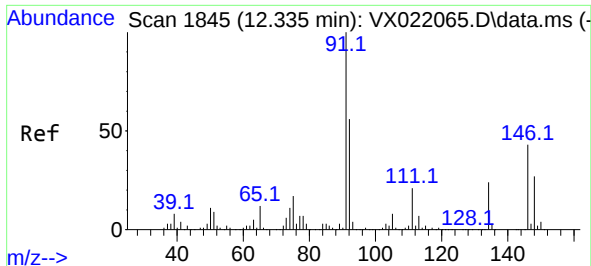


#88

1,4-Dichlorobenzene  
Concen: 153.74 ug/l  
RT: 12.049 min Scan# 1798  
Delta R.T. 0.006 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

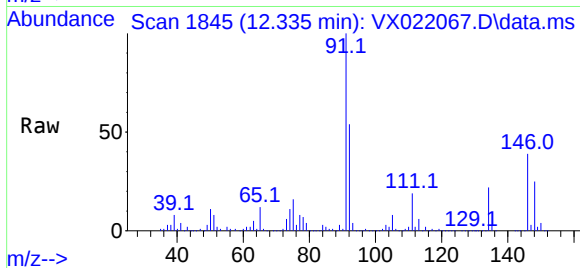
Tgt Ion:146 Resp: 370260  
Ion Ratio Lower Upper  
146 100  
111 43.8 21.8 65.3  
148 63.7 31.6 94.8





#89  
n-Butylbenzene  
Concen: 168.56 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

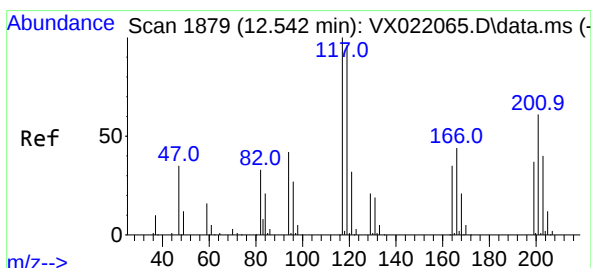
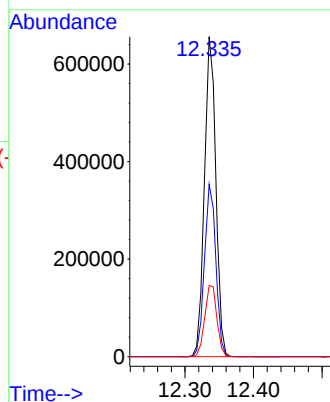
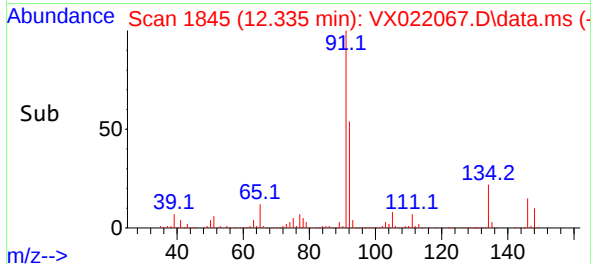
Instrument :  
MSVOA\_X  
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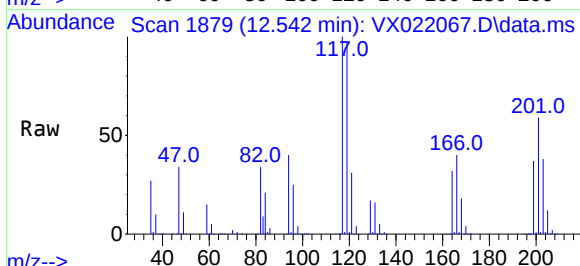
Tgt Ion: 91 Resp: 761484  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.1 81.2  
134 23.7 12.1 36.3

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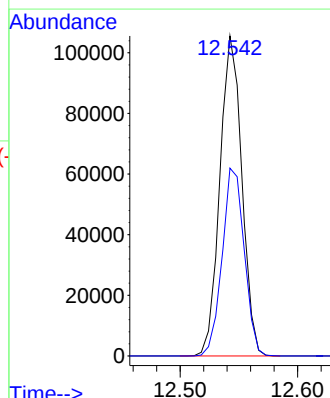
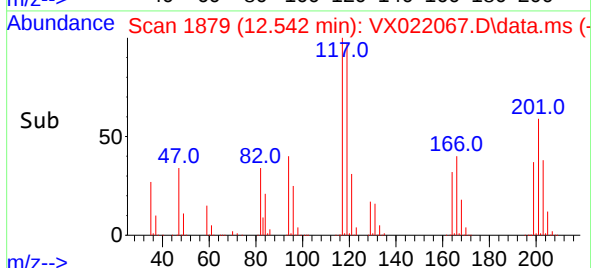
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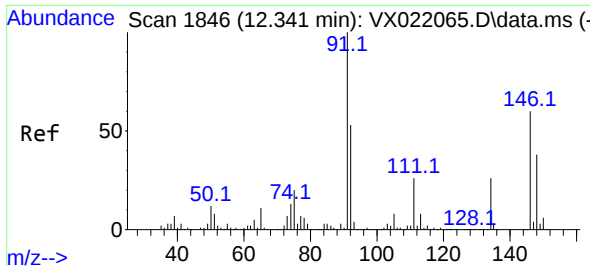


#90  
Hexachloroethane  
Concen: 162.46 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
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Tgt Ion: 117 Resp: 137233  
Ion Ratio Lower Upper  
117 100  
201 59.1 29.8 89.3





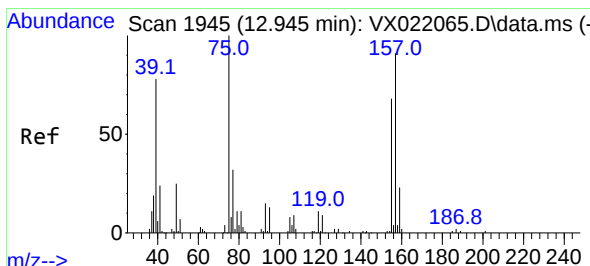
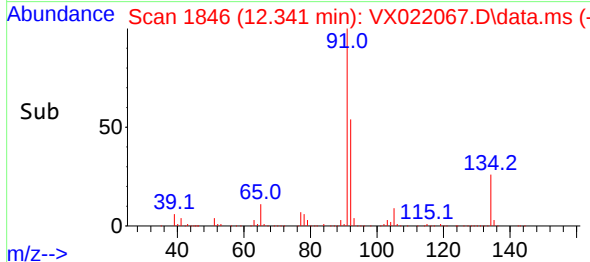
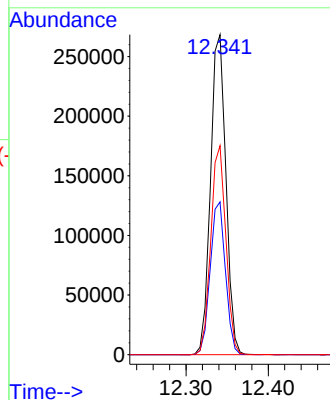
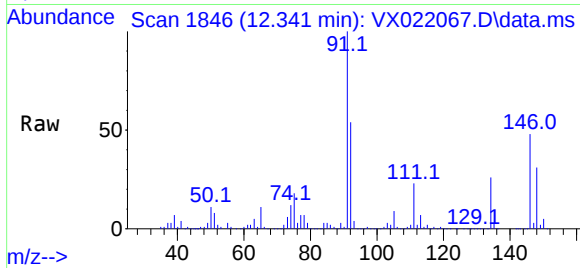
#91  
1,2-Dichlorobenzene  
Concen: 150.60 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
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Tgt Ion: 146 Resp: 348299  
Ion Ratio Lower Upper  
146 100  
111 47.4 23.1 69.3  
148 64.2 31.9 95.7

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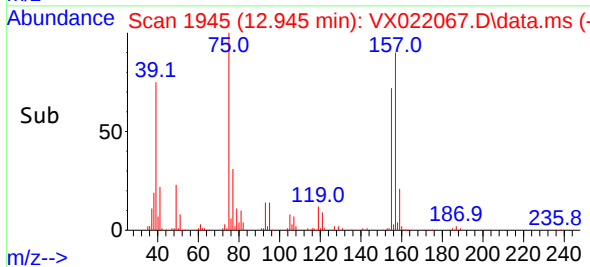
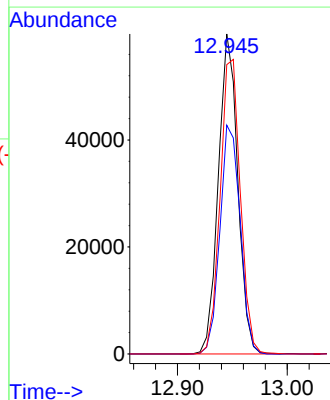
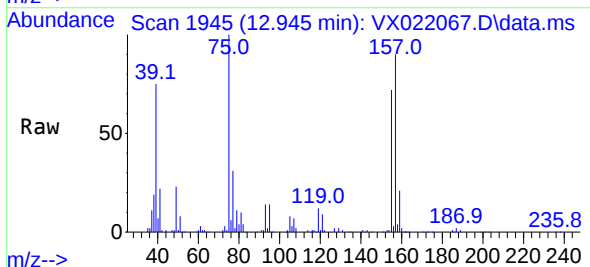
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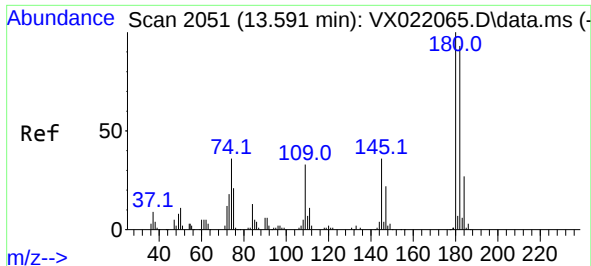
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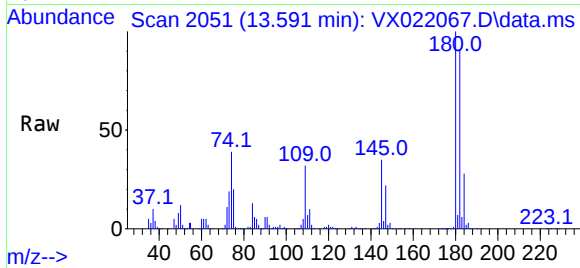
#92  
1,2-Dibromo-3-Chloropropane  
Concen: 168.02 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
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Tgt Ion: 75 Resp: 73674  
Ion Ratio Lower Upper  
75 100  
155 74.6 36.4 109.3  
157 95.9 47.8 143.3

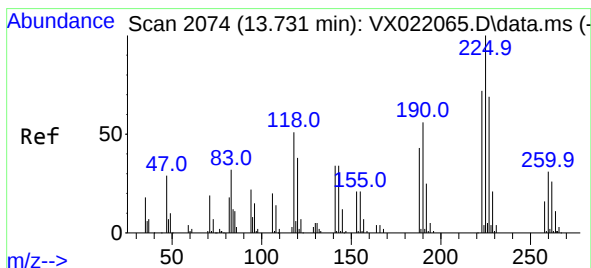
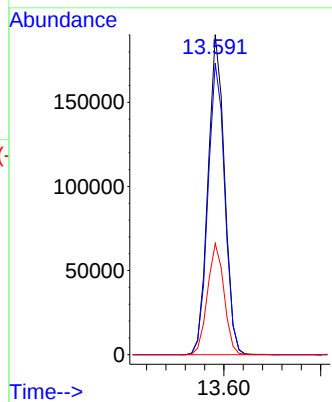
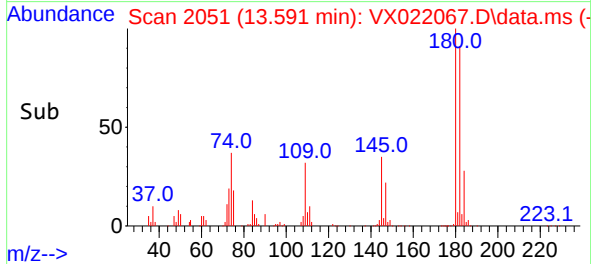




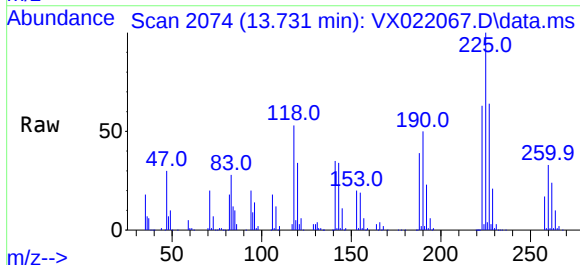
#93  
1,2,4-Trichlorobenzene  
Concen: 167.21 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
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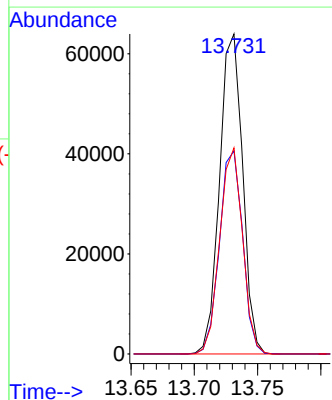
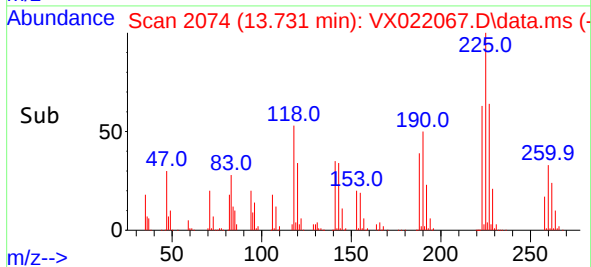
Tgt Ion:180 Resp: 225622  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 142.0  
145 34.9 17.8 53.5



#94  
Hexachlorobutadiene  
Concen: 161.64 ug/l  
RT: 13.731 min Scan# 2074  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
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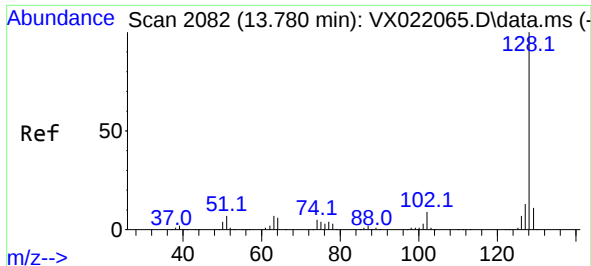
Tgt Ion:225 Resp: 80834  
Ion Ratio Lower Upper  
225 100  
223 63.8 33.3 99.8  
227 63.7 32.3 96.8



Instrument :  
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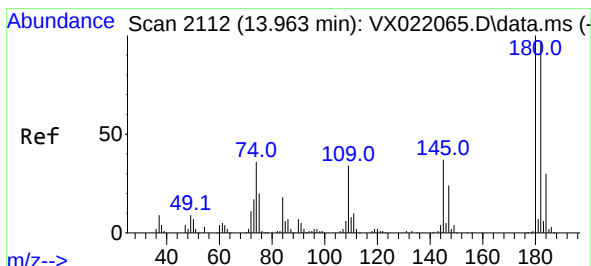
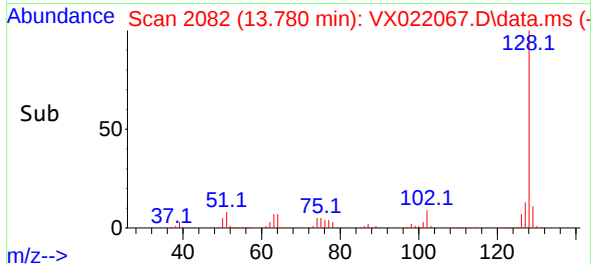
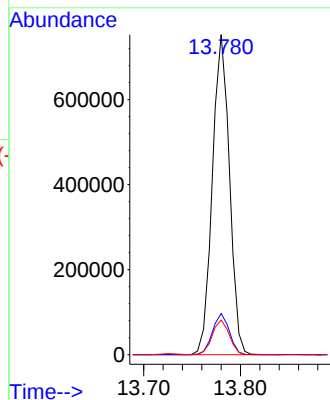
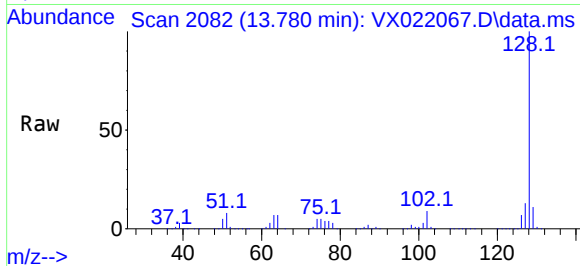
#95  
Naphthalene  
Concen: 168.13 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 920171 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 12.7  | 10.2  | 15.2   |
| 129      | 10.8  | 8.8   | 13.2   |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 163.38 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX022067.D  
Acq: 18 May 2021 21:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 221745 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.2  | 47.9  | 143.7  |
| 145      | 37.1  | 18.3  | 54.8   |

