

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051622\  
 Data File : VX028734.D  
 Acq On : 16 May 2022 16:18  
 Operator : JC/MD  
 Sample : N2862-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-7

Quant Time: May 17 03:38:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

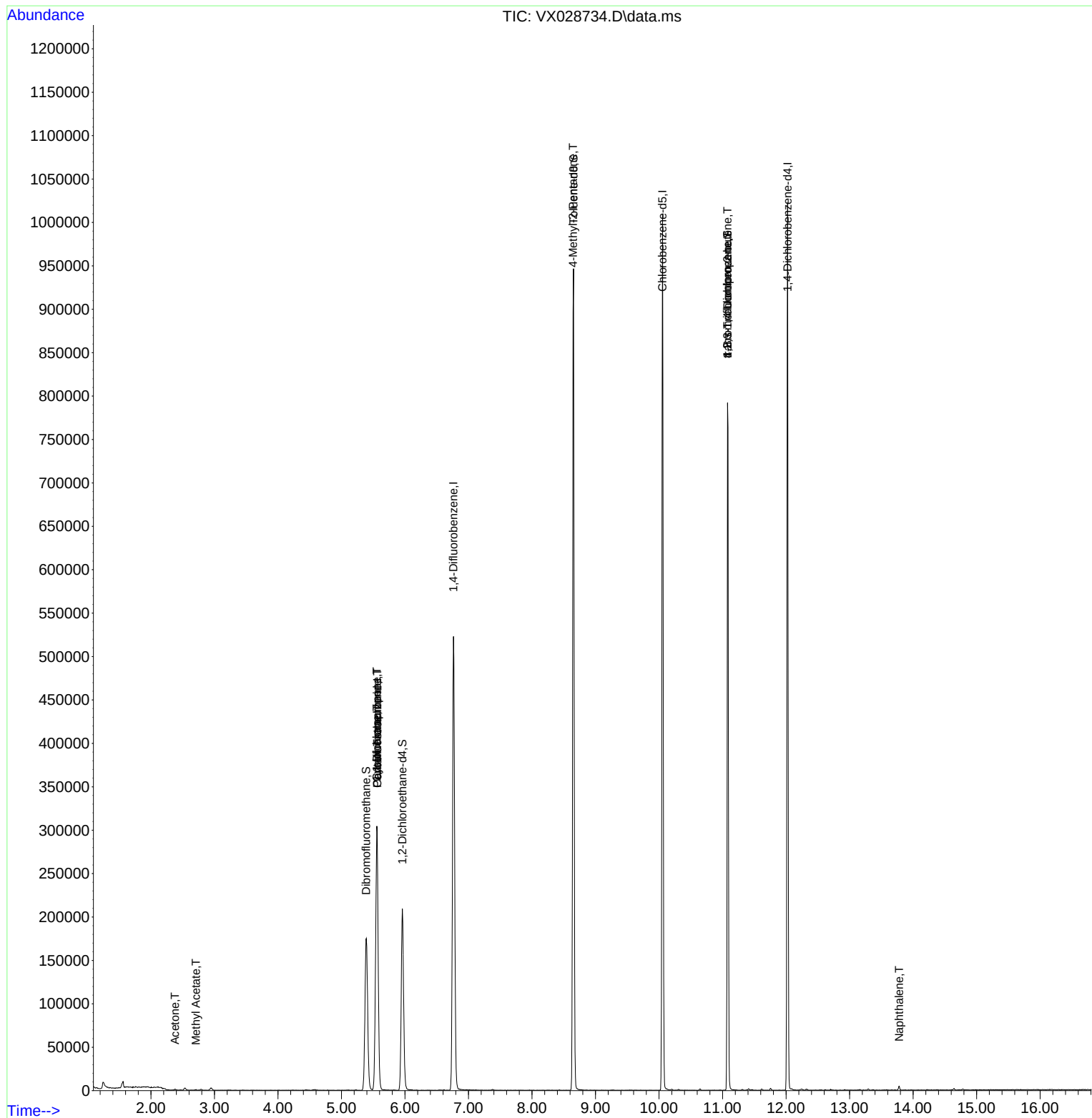
| Compound                      | R.T. QIon |          | Response | Conc      | Units    | Dev(Min) |
|-------------------------------|-----------|----------|----------|-----------|----------|----------|
| -----                         |           |          |          |           |          |          |
| Internal Standards            |           |          |          |           |          |          |
| 1) Pentafluorobenzene         | 5.562     | 168      | 270419   | 50.000    | ug/l     | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114      | 524460   | 50.000    | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117      | 436224   | 50.000    | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152      | 195053   | 50.000    | ug/l     | 0.00     |
| System Monitoring Compounds   |           |          |          |           |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65       | 195399   | 52.713    | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 61 - 141 | Recovery | =         | 105.420% |          |
| 35) Dibromofluoromethane      | 5.385     | 113      | 153475   | 44.664    | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 69 - 133 | Recovery | =         | 89.320%  |          |
| 50) Toluene-d8                | 8.653     | 98       | 555773   | 42.900    | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 65 - 126 | Recovery | =         | 85.800%  |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95       | 204171   | 42.195    | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 58 - 135 | Recovery | =         | 84.380%  |          |
| Target Compounds              |           |          |          |           |          |          |
|                               |           |          |          |           |          | Qvalue   |
| 5) Bromomethane               | 1.618     | 94       | 621      | Below Cal |          | 86       |
| 6) Chloroethane               | 1.679     | 64       | 396      | Below Cal | #        | 78       |
| 11) Tert butyl alcohol        | 2.941     | 59       | 1685     | Below Cal | #        | 72       |
| 16) Acetone                   | 2.380     | 43       | 1186     | 0.746     | ug/l     | 96       |
| 18) Methyl Acetate            | 2.709     | 43       | 849      | 0.213     | ug/l     | # 60     |
| 31) Cyclohexane               | 5.556     | 56       | 6628     | 1.288     | ug/l     | # 12     |
| 36) 1,1-Dichloropropene       | 5.556     | 75       | 22332    | 4.327     | ug/l     | # 50     |
| 38) Carbon Tetrachloride      | 5.562     | 117      | 28979    | 5.579     | ug/l     | # 15     |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43       | 2532     | 0.456     | ug/l     | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75       | 110103   | 24.103    | ug/l     | # 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75       | 110103   | 70.210    | ug/l     | # 15     |
| 95) Naphthalene               | 13.780    | 128      | 3406     | 0.246     | ug/l     | 97       |
| -----                         |           |          |          |           |          |          |

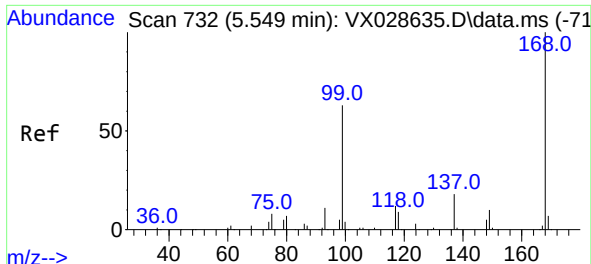
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051622\  
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Sample : N2862-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Quant Time: May 17 03:38:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

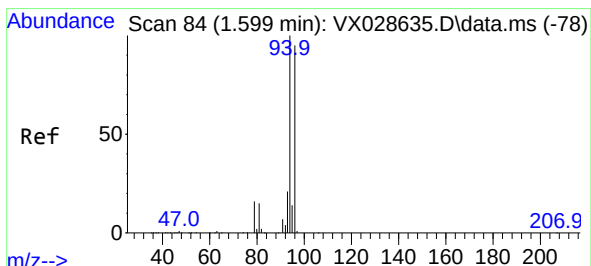
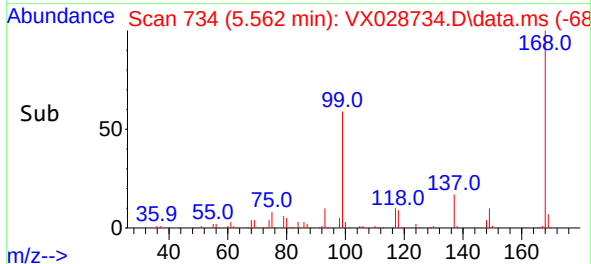
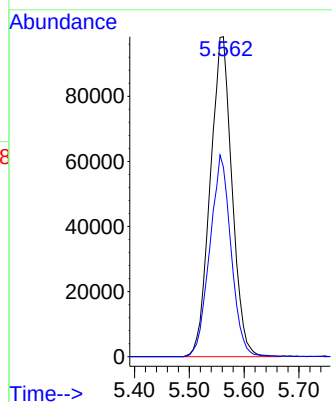
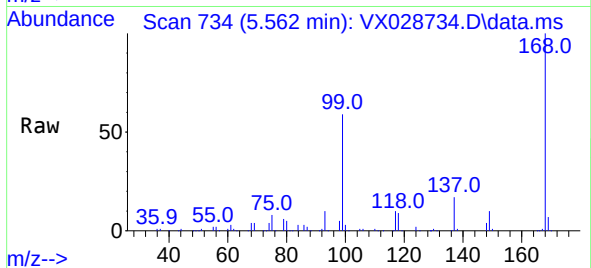




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.013 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

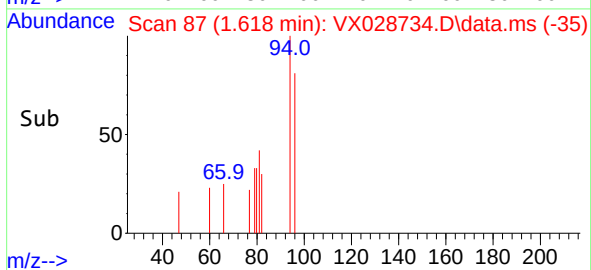
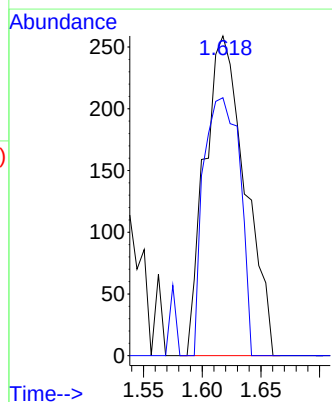
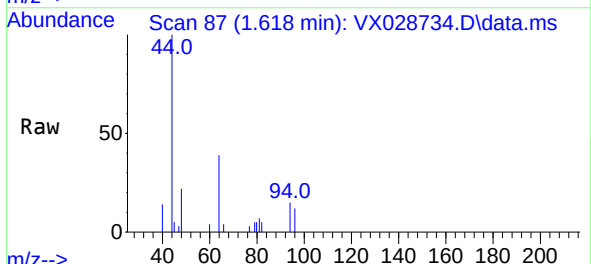
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Tgt Ion:168 Resp: 270419  
Ion Ratio Lower Upper  
168 100  
99 59.3 41.7 62.5

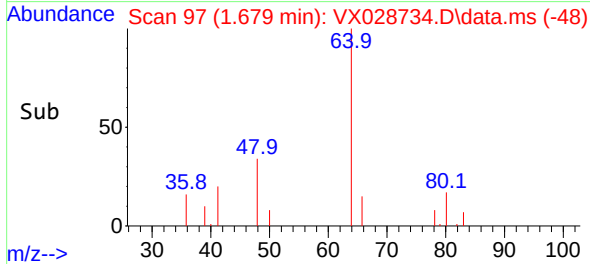
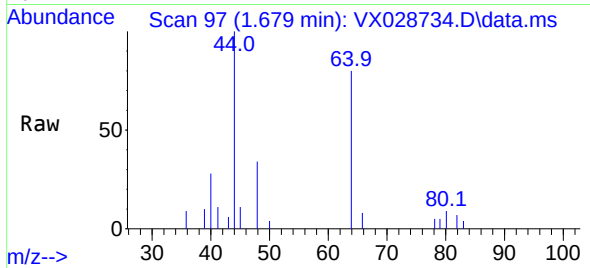
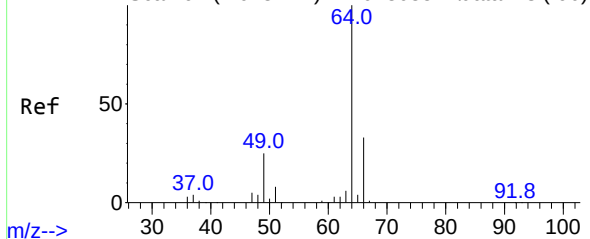


#5  
Bromomethane  
Concen: Below Cal  
RT: 1.618 min Scan# 87  
Delta R.T. 0.019 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 94 Resp: 621  
Ion Ratio Lower Upper  
94 100  
96 80.7 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 91

Delta R.T. 0.001 min

Lab File: VX028734.D

Acq: 16 May 2022 16:18

Instrument :

MSVOA\_X

ClientSampleId :

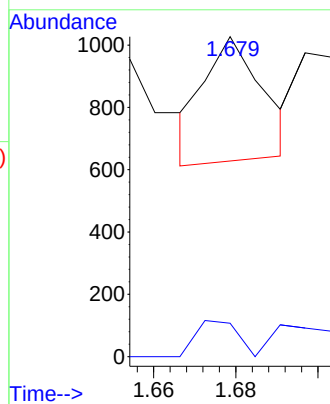
MW-7

Tgt Ion: 64 Resp: 396

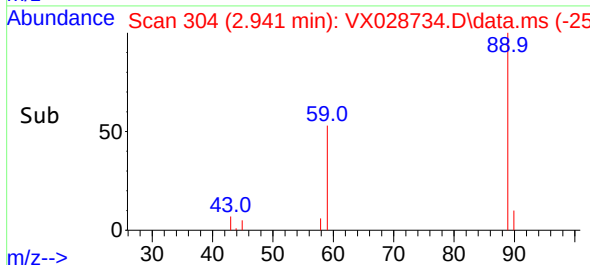
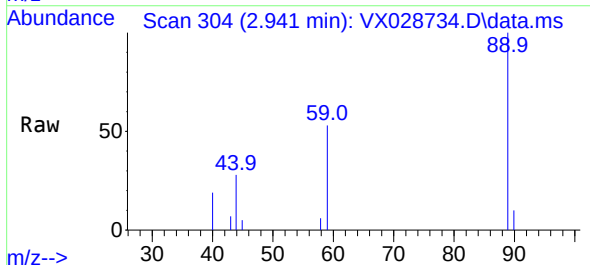
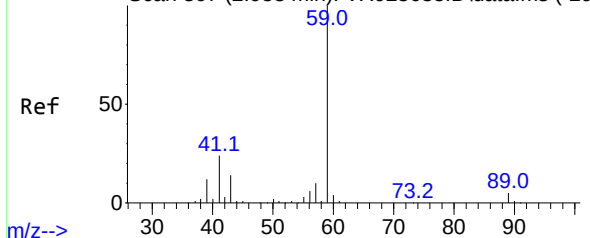
Ion Ratio Lower Upper

64 100

66 43.9 25.3 37.9#



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.017 min

Lab File: VX028734.D

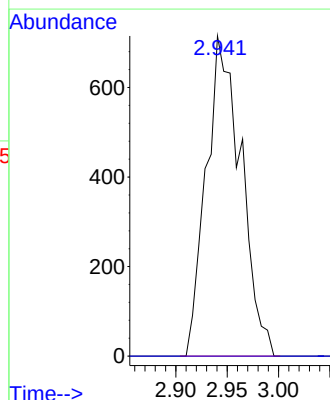
Acq: 16 May 2022 16:18

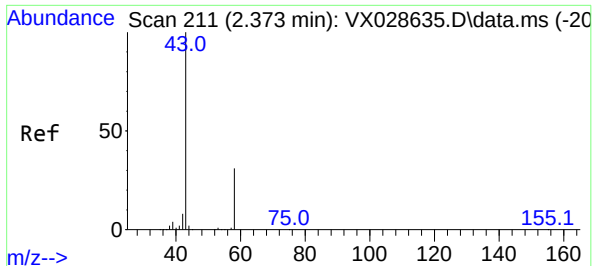
Tgt Ion: 59 Resp: 1685

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

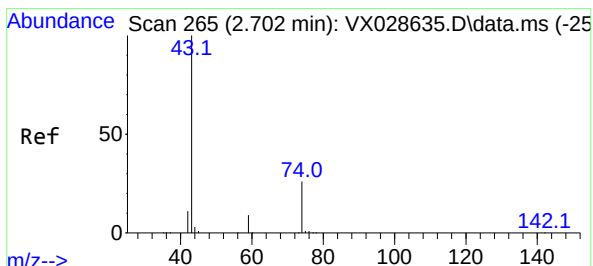
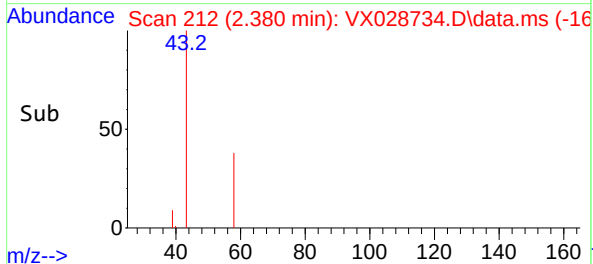
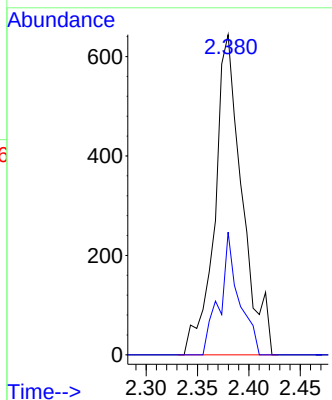
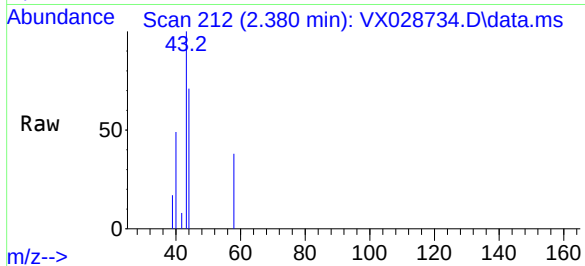




#16  
Acetone  
Concen: 0.746 ug/l  
RT: 2.380 min Scan# 211  
Delta R.T. 0.007 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

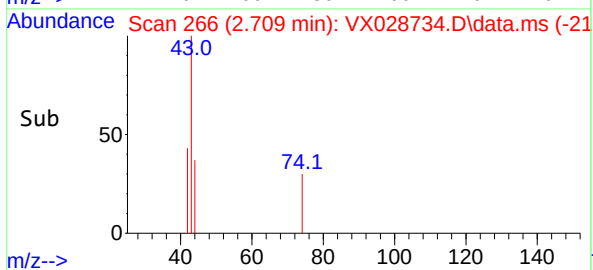
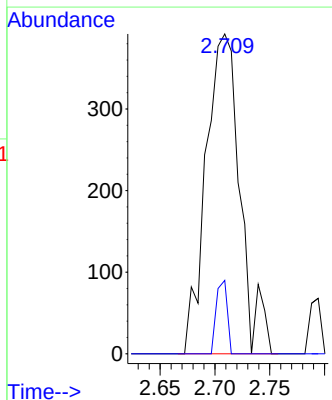
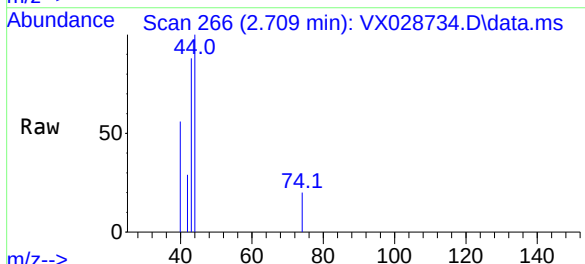
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

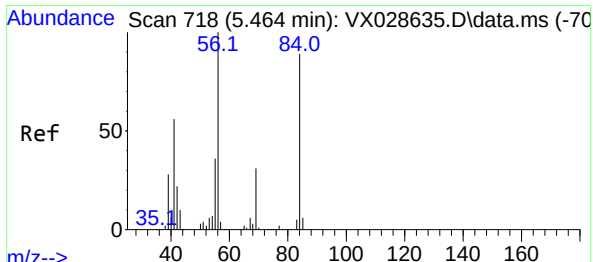
Tgt Ion: 43 Resp: 1186  
Ion Ratio Lower Upper  
43 100  
58 38.4 28.8 43.2



#18  
Methyl Acetate  
Concen: 0.213 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.007 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

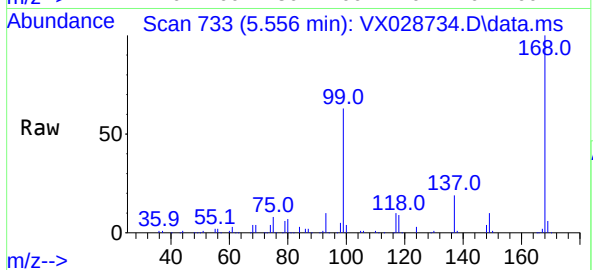
Tgt Ion: 43 Resp: 849  
Ion Ratio Lower Upper  
43 100  
74 7.3 22.8 34.2#



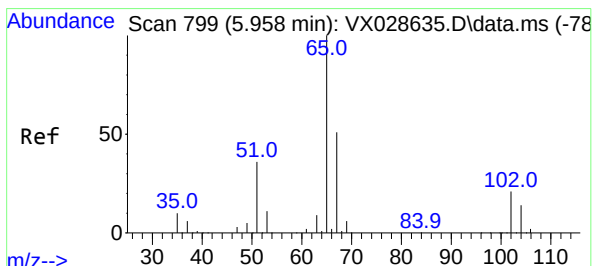
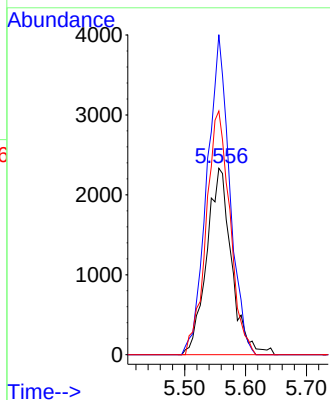
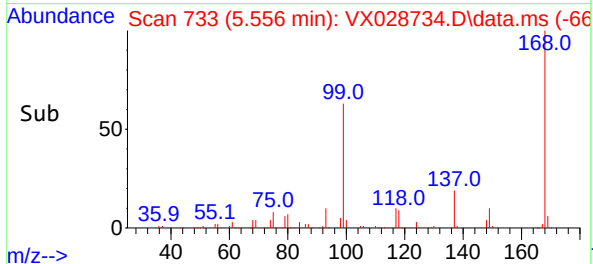


#31  
Cyclohexane  
Concen: 1.288 ug/l  
RT: 5.556 min Scan# 718  
Delta R.T. 0.092 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

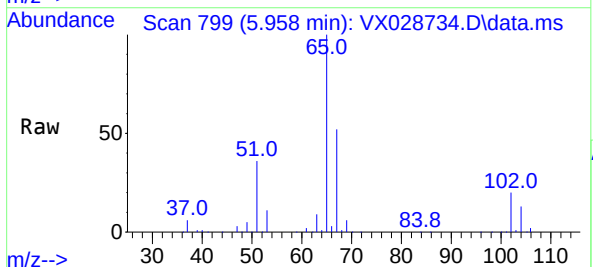
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7



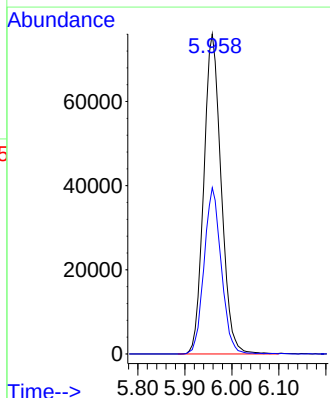
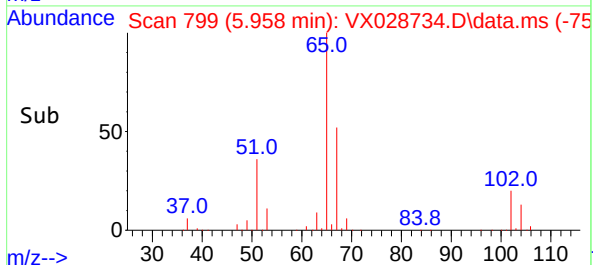
Tgt Ion: 56 Resp: 6628  
Ion Ratio Lower Upper  
56 100  
69 171.6 26.7 40.1#  
84 130.7 77.2 115.8#

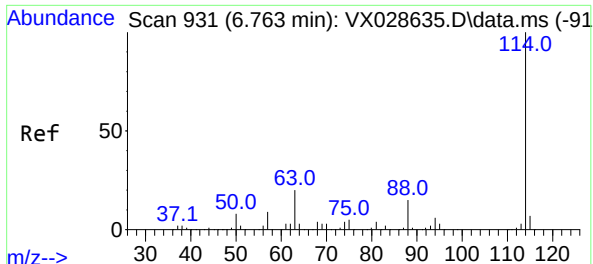


#33  
1,2-Dichloroethane-d4  
Concen: 52.713 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18



Tgt Ion: 65 Resp: 195399  
Ion Ratio Lower Upper  
65 100  
67 51.2 0.0 107.4

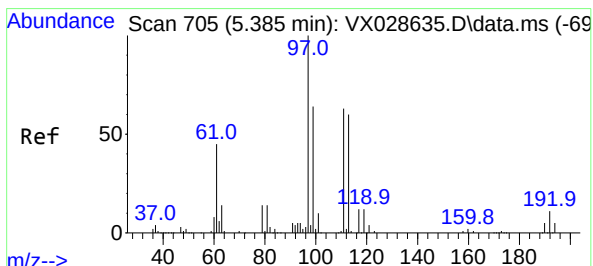
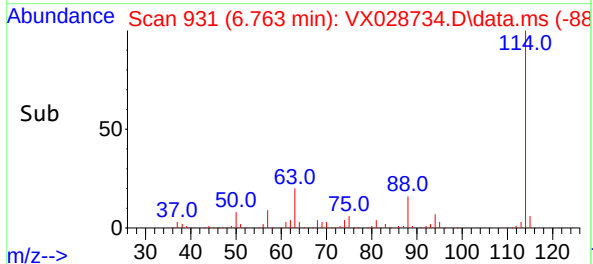
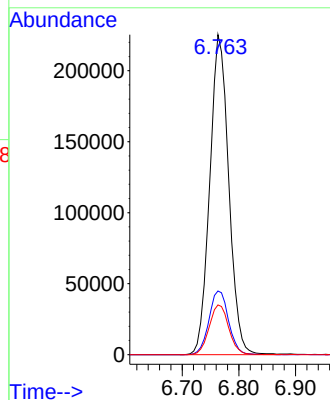
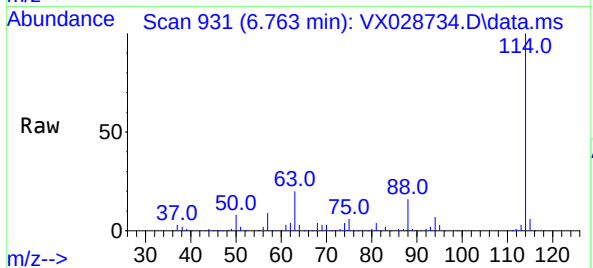




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

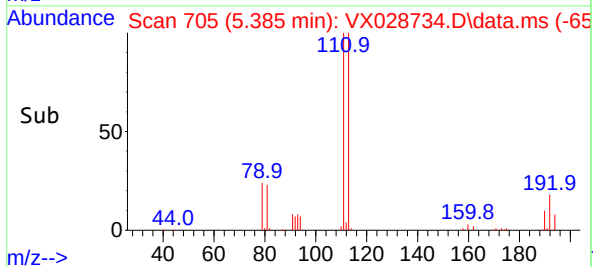
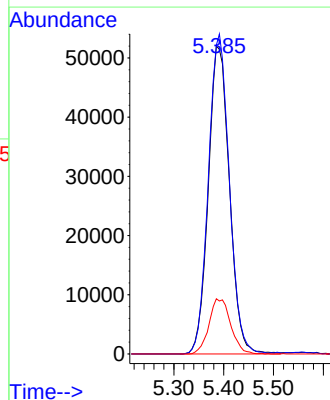
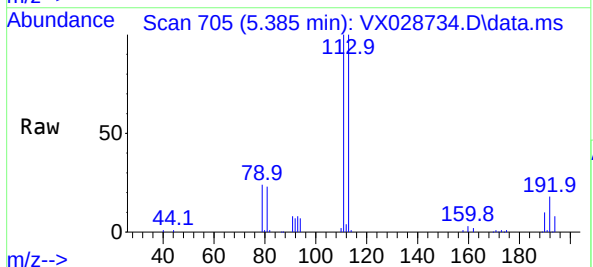
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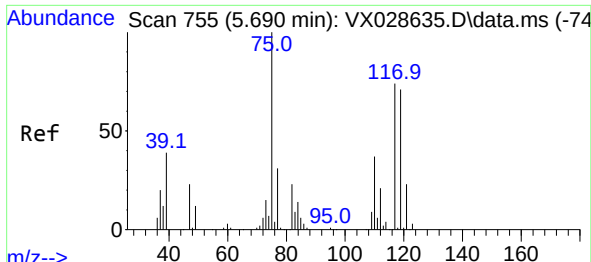
Tgt Ion:114 Resp: 524460  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 36.8  
88 15.6 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 44.664 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion:113 Resp: 153475  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.8 124.2  
192 18.3 16.9 25.3

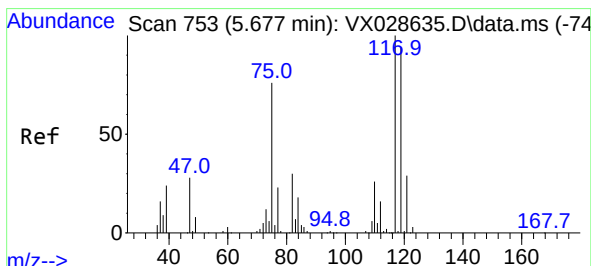
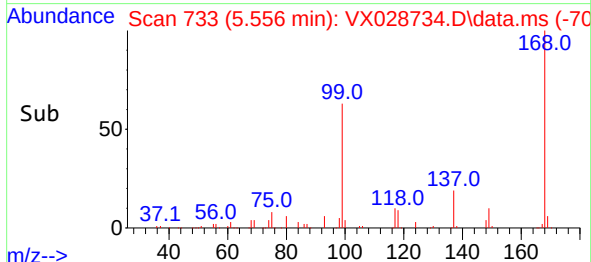
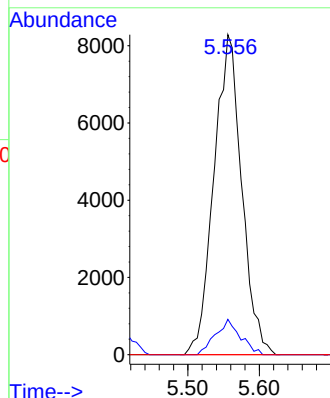
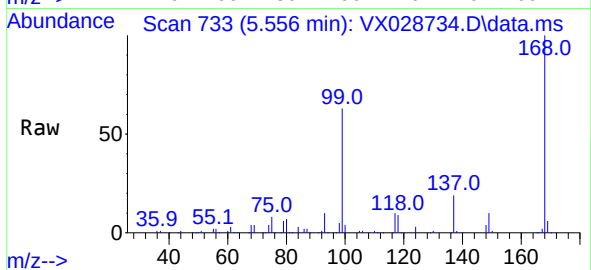




#36  
1,1-Dichloropropene  
Concen: 4.327 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.134 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

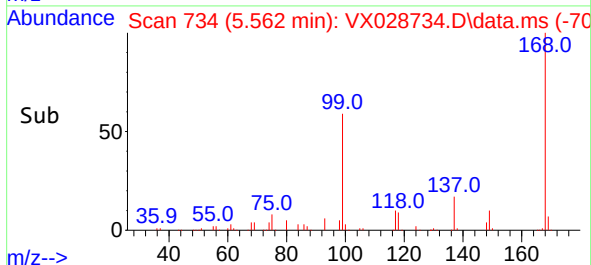
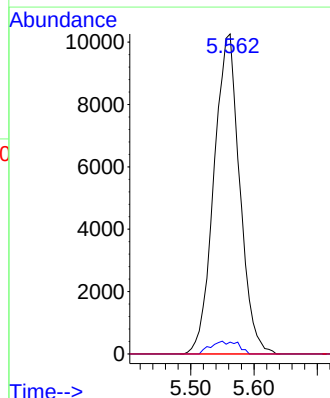
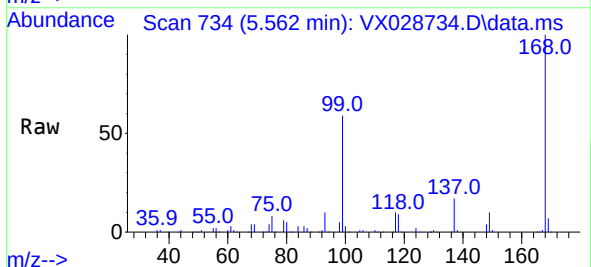
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Tgt Ion: 75 Resp: 22332  
Ion Ratio Lower Upper  
75 100  
110 9.9 18.3 54.8#  
77 0.0 24.8 37.2#

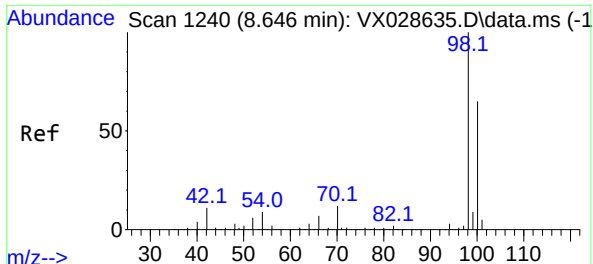


#38  
Carbon Tetrachloride  
Concen: 5.579 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.115 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 117 Resp: 28979  
Ion Ratio Lower Upper  
117 100  
119 3.7 77.3 115.9#  
121 0.0 24.2 36.2#



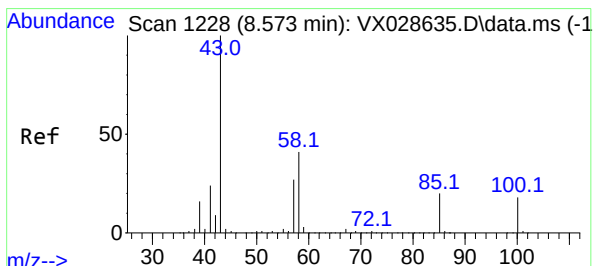
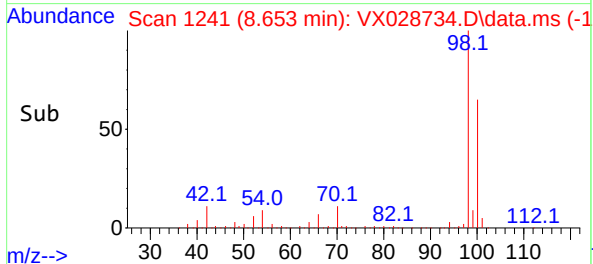
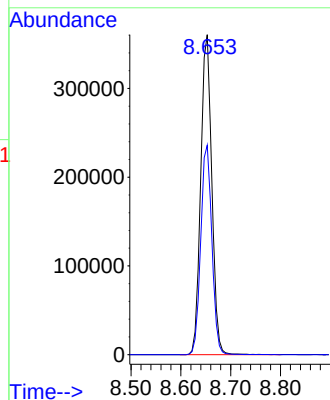
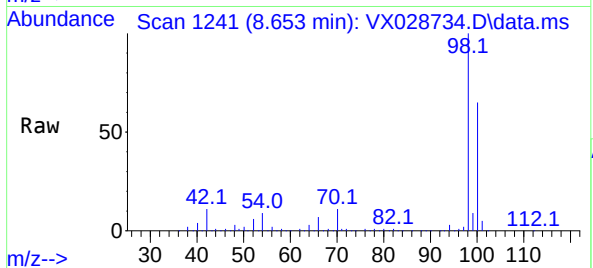




#50  
Toluene-d8  
Concen: 42.900 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

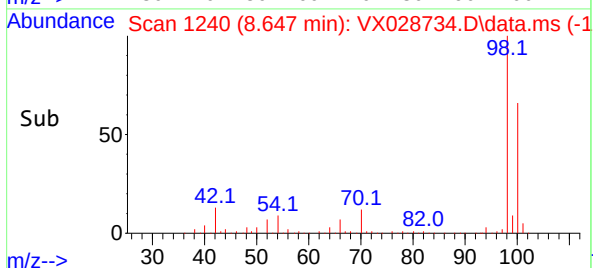
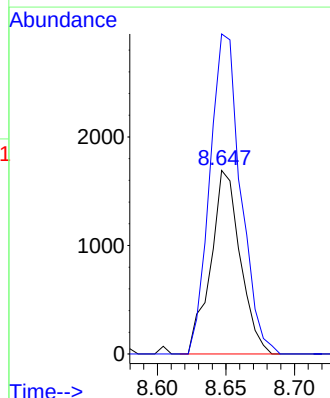
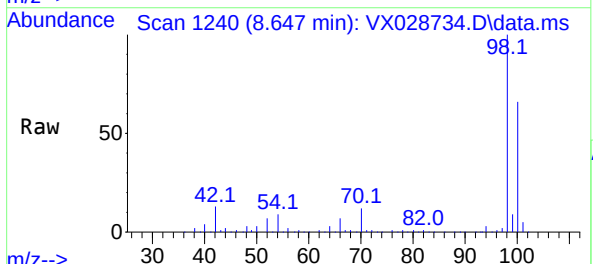
Instrument :  
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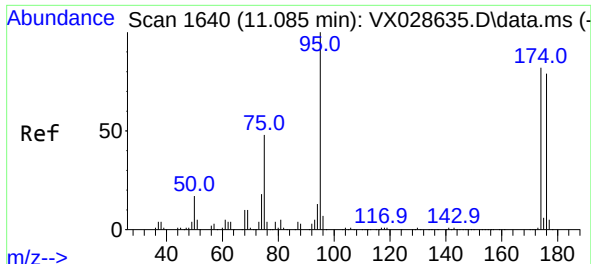
Tgt Ion: 98 Resp: 555773  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.456 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.074 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 43 Resp: 2532  
Ion Ratio Lower Upper  
43 100  
58 183.0 36.1 54.1#

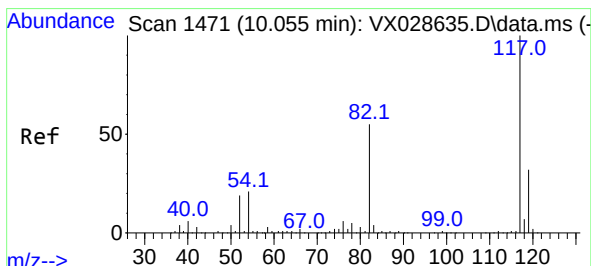
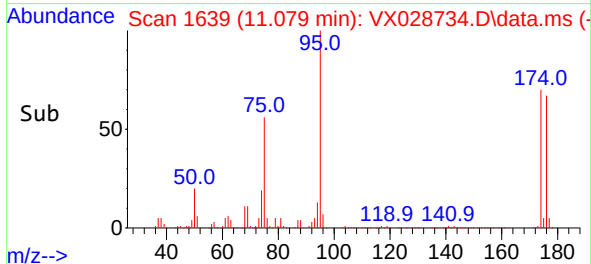
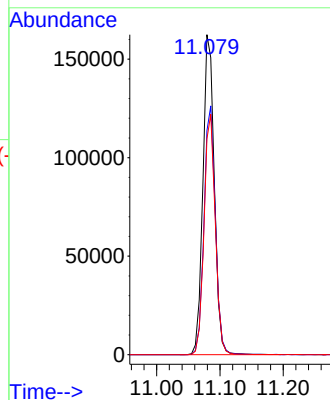
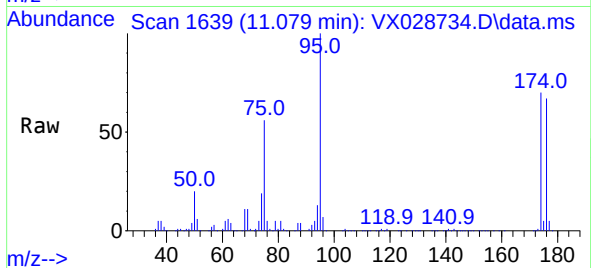




#62  
4-Bromofluorobenzene  
Concen: 42.195 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

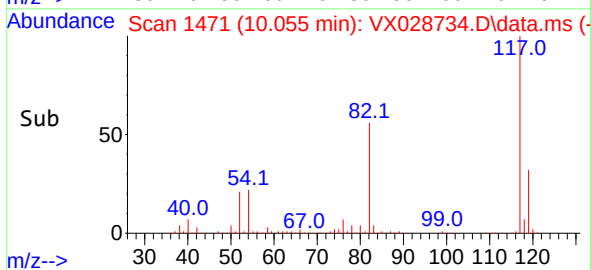
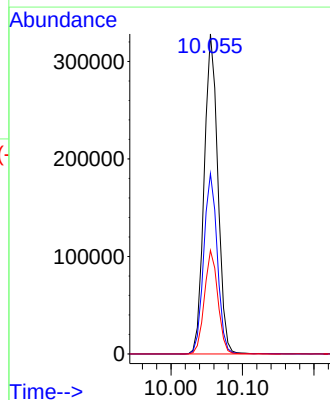
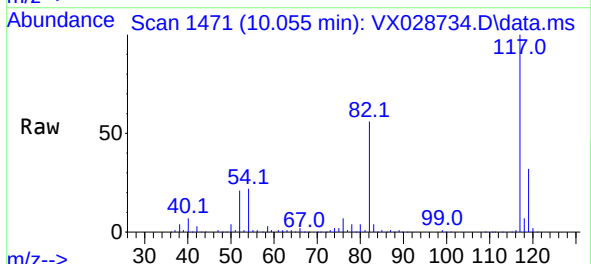
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

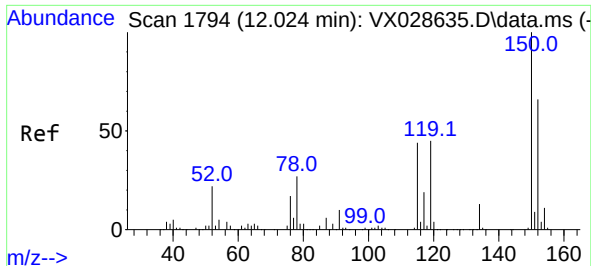
Tgt Ion: 95 Resp: 204171  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 163.0  
176 74.0 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 117 Resp: 436224  
Ion Ratio Lower Upper  
117 100  
82 56.4 41.8 62.8  
119 32.3 24.8 37.2

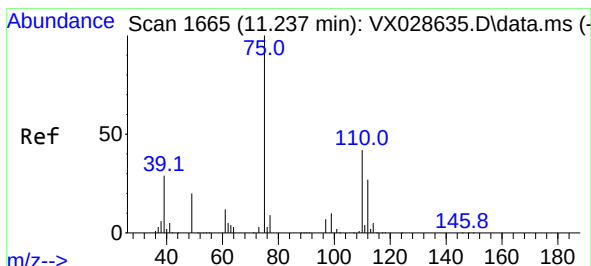
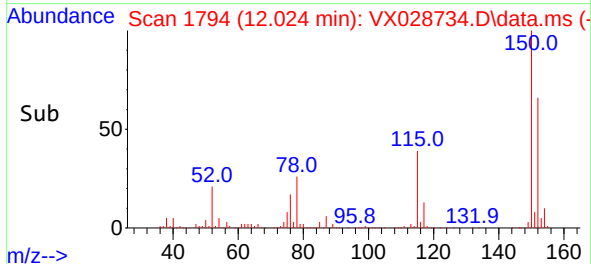
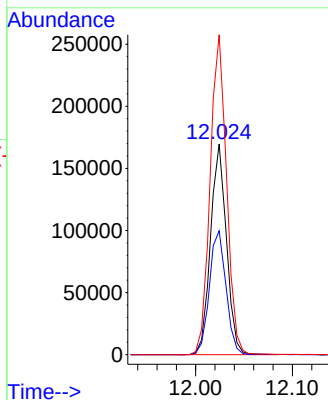
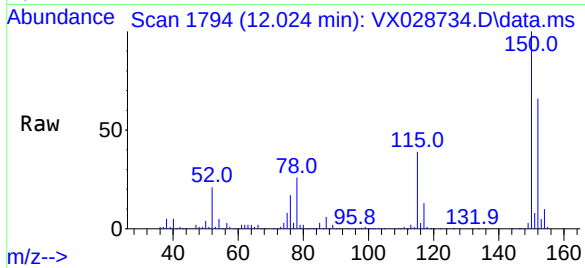




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

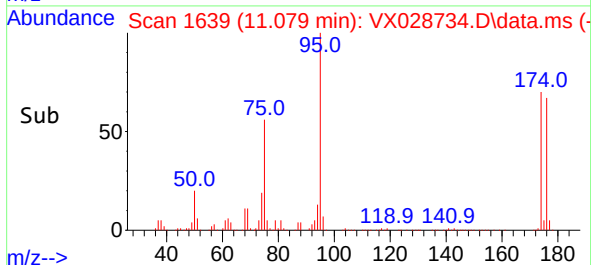
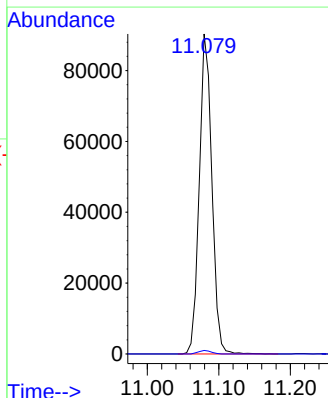
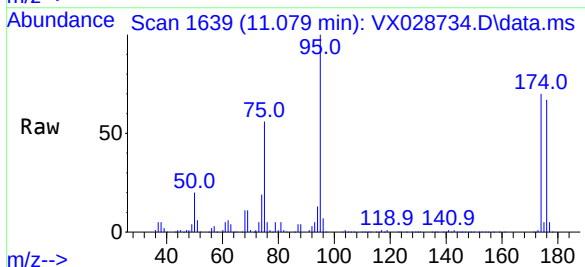
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

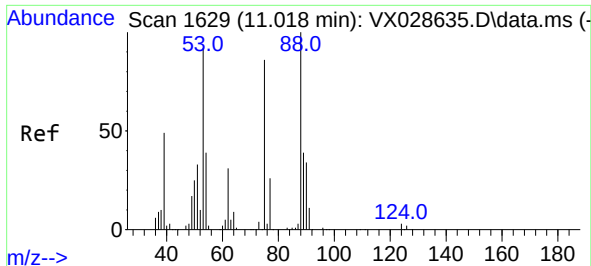
Tgt Ion:152 Resp: 195053  
Ion Ratio Lower Upper  
152 100  
115 61.4 37.5 112.7  
150 156.0 0.0 338.2



#76  
1,2,3-Trichloropropane  
Concen: 24.103 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 75 Resp: 110103  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.4 58.2#

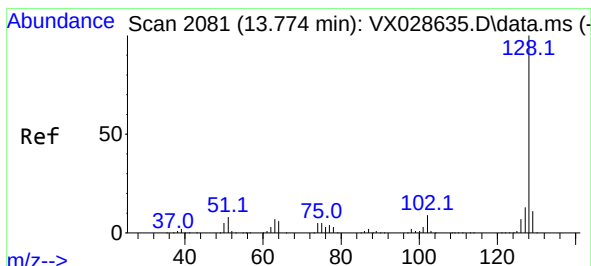
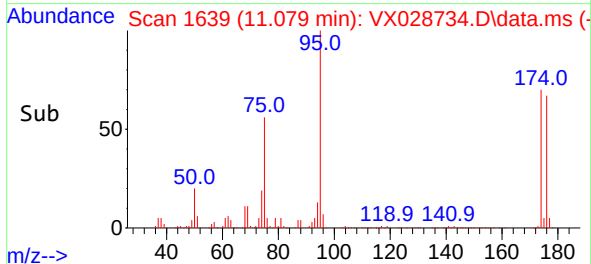
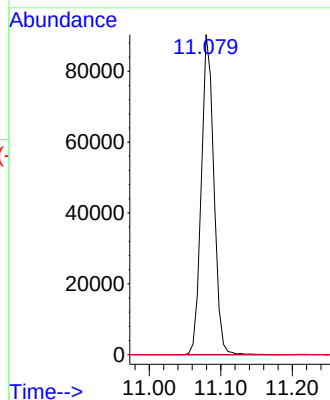
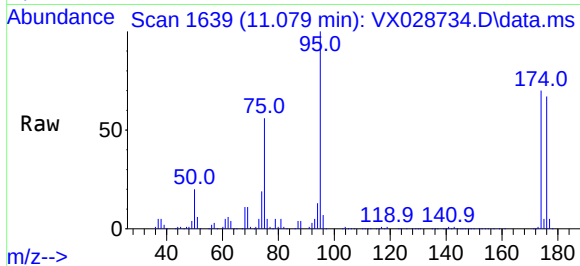




#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.210 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-7

Tgt Ion: 75 Resp: 110103  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#



#95  
Naphthalene  
Concen: 0.246 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX028734.D  
Acq: 16 May 2022 16:18

Tgt Ion: 128 Resp: 3406  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.2 15.4  
129 12.6 8.7 13.1

