

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032822\  
 Data File : VX027759.D  
 Acq On : 28 Mar 2022 18:52  
 Operator : JC/MD  
 Sample : N2041-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-20220316

Quant Time: Mar 29 05:41:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032522W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 25 16:26:59 2022  
 Response via : Initial Calibration

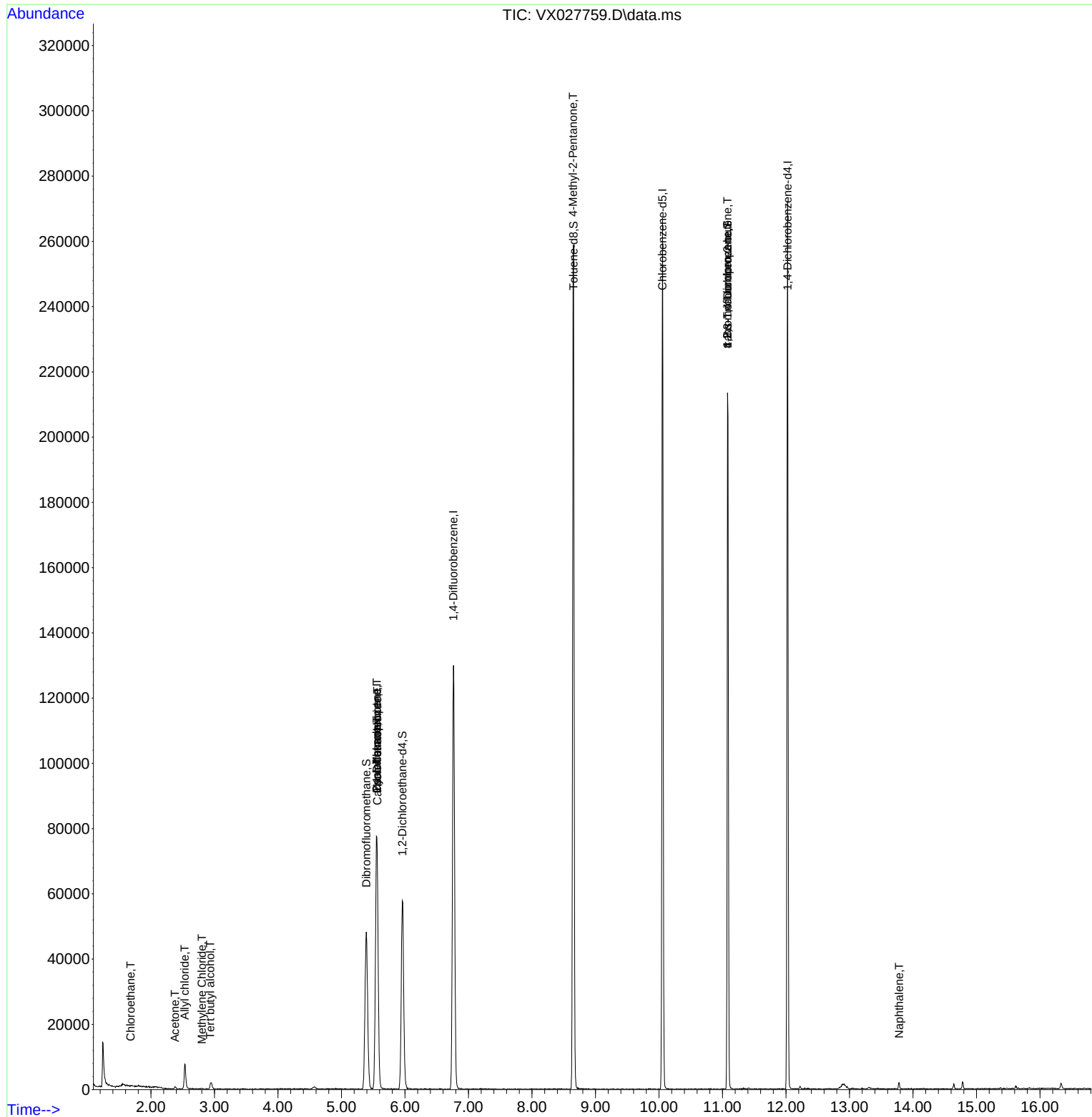
| Compound                      | R.T. QIon |          | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|-----------|----------|----------|--------|----------|----------|
| -----                         |           |          |          |        |          |          |
| Internal Standards            |           |          |          |        |          |          |
| 1) Pentafluorobenzene         | 5.556     | 168      | 64156    | 50.000 | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763     | 114      | 119957   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117      | 110792   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152      | 47088    | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds   |           |          |          |        |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65       | 59083    | 56.149 | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 61 - 141 | Recovery | =      | 112.300% |          |
| 35) Dibromofluoromethane      | 5.391     | 113      | 40806    | 51.801 | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 69 - 133 | Recovery | =      | 103.600% |          |
| 50) Toluene-d8                | 8.653     | 98       | 149367   | 49.051 | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 65 - 126 | Recovery | =      | 98.100%  |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95       | 59875    | 48.457 | ug/l     | 0.00     |
| Spiked Amount 50.000          | Range     | 58 - 135 | Recovery | =      | 96.920%  |          |
| Target Compounds              |           |          |          |        |          |          |
|                               |           |          |          |        | Qvalue   |          |
| 6) Chloroethane               | 1.679     | 64       | 160      | 0.337  | ug/l     | # 43     |
| 11) Tert butyl alcohol        | 2.934     | 59       | 1483     | 7.570  | ug/l     | # 72     |
| 14) Allyl chloride            | 2.532     | 41       | 764      | 0.593  | ug/l     | # 51     |
| 16) Acetone                   | 2.380     | 43       | 618      | 1.389  | ug/l     | # 65     |
| 20) Methylene Chloride        | 2.800     | 84       | 168      | 0.212  | ug/l     | # 43     |
| 31) Cyclohexane               | 5.556     | 56       | 2166     | 1.698  | ug/l     | # 35     |
| 36) 1,1-Dichloropropene       | 5.556     | 75       | 6598     | 5.303  | ug/l     | # 48     |
| 38) Carbon Tetrachloride      | 5.562     | 117      | 7822     | 6.433  | ug/l     | # 14     |
| 51) 4-Methyl-2-Pentanone      | 8.647     | 43       | 687      | 0.458  | ug/l     | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75       | 33114    | 25.258 | ug/l     | # 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75       | 33114    | 85.974 | ug/l     | # 15     |
| 95) Naphthalene               | 13.780    | 128      | 1536     | 0.458  | ug/l     | 99       |
| -----                         |           |          |          |        |          |          |

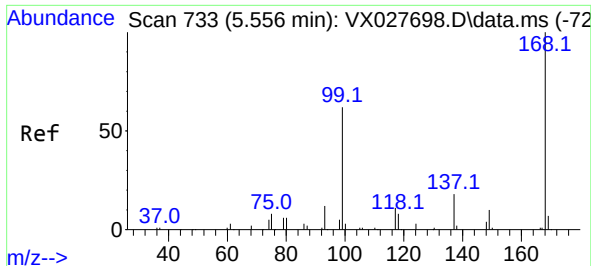
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032822\  
Data File : VX027759.D  
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Sample : N2041-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20220316

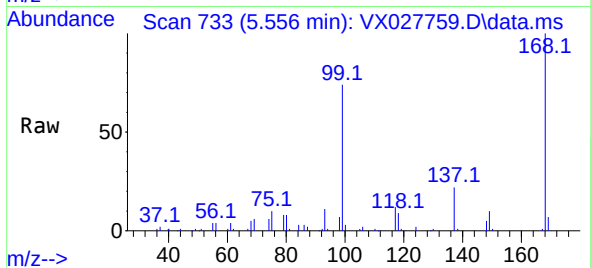
Quant Time: Mar 29 05:41:17 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032522W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 25 16:26:59 2022  
Response via : Initial Calibration



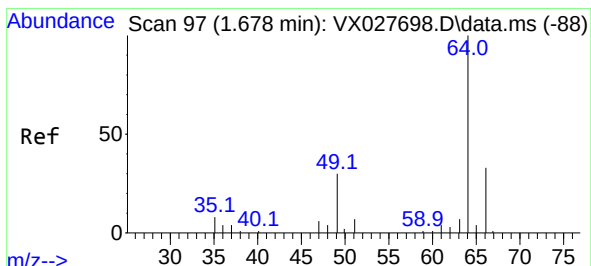
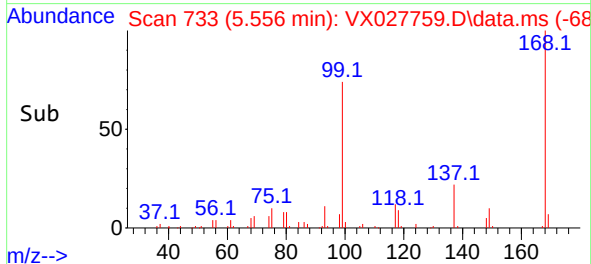
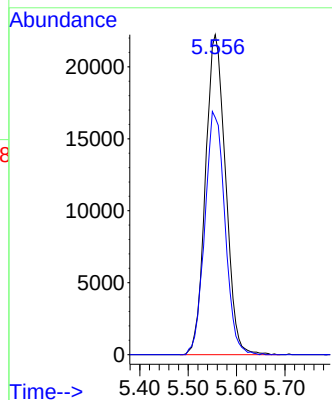


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027759.D  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20220316

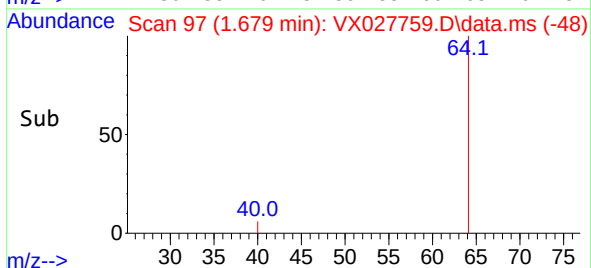
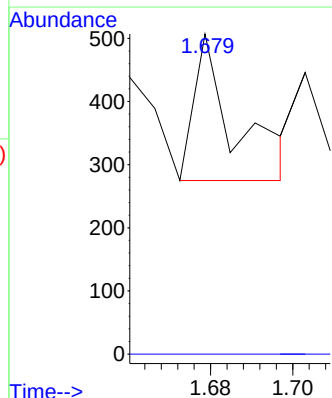
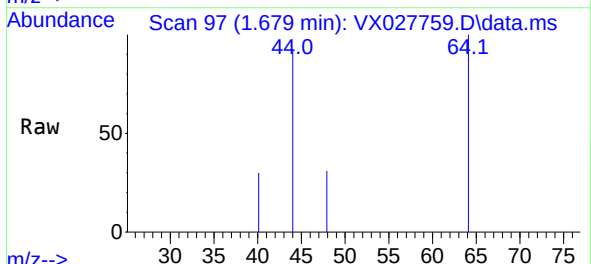


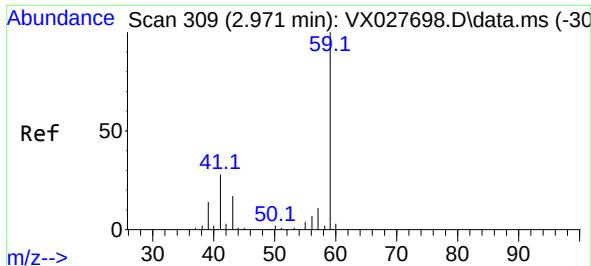
Tgt Ion:168 Resp: 64156  
Ion Ratio Lower Upper  
168 100  
99 74.1 41.7 62.5#



#6  
Chloroethane  
Concen: 0.337 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.001 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 64 Resp: 160  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 7.570 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX027759.D

Acq: 28 Mar 2022 18:52

Instrument :

MSVOA\_X

ClientSampleId :

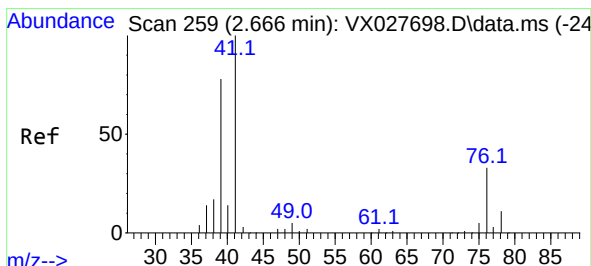
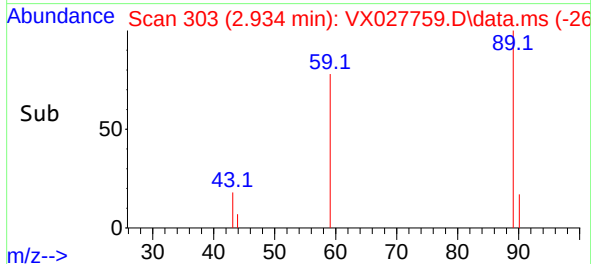
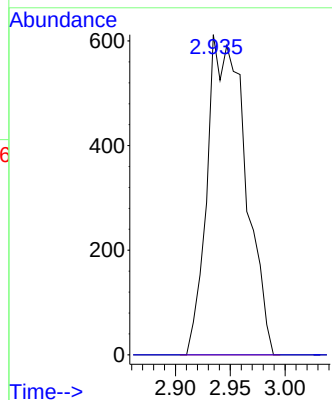
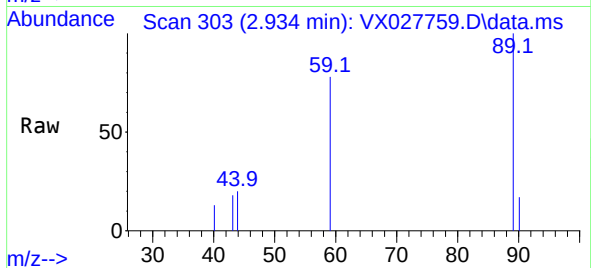
TB-01-20220316

Tgt Ion: 59 Resp: 1483

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.593 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027759.D

Acq: 28 Mar 2022 18:52

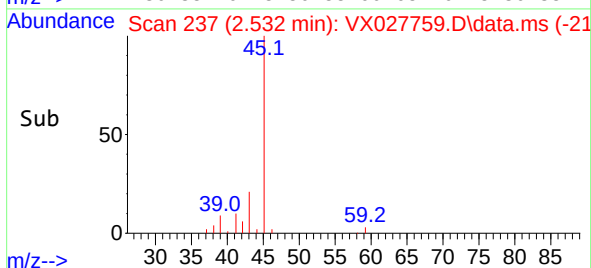
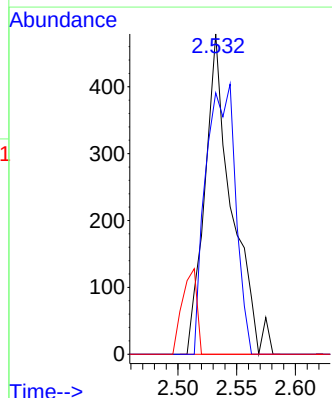
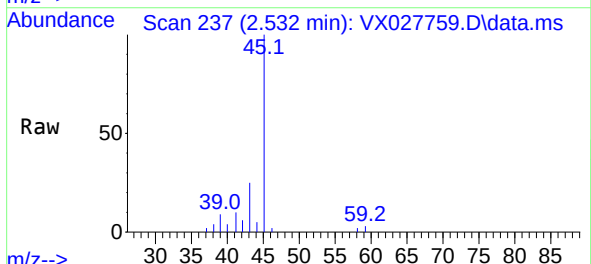
Tgt Ion: 41 Resp: 764

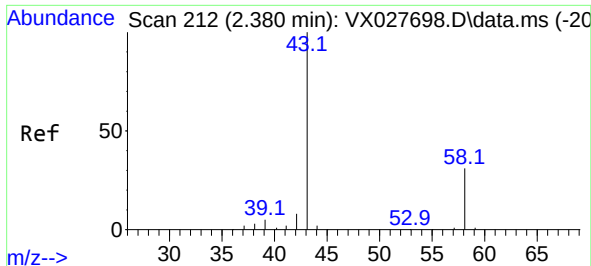
Ion Ratio Lower Upper

41 100

39 92.8 50.4 75.6#

76 0.0 32.7 49.1#

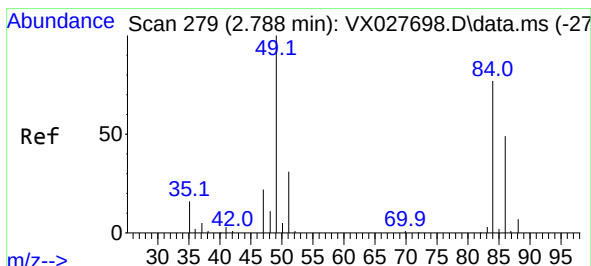
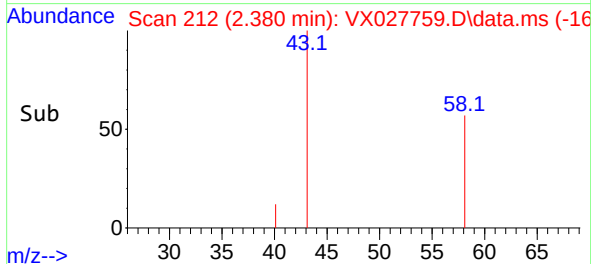
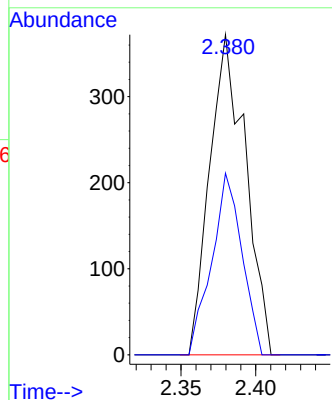
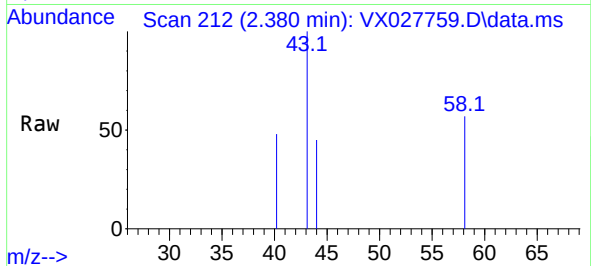




#16  
Acetone  
Concen: 1.389 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

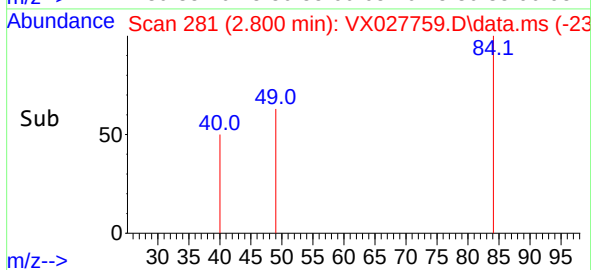
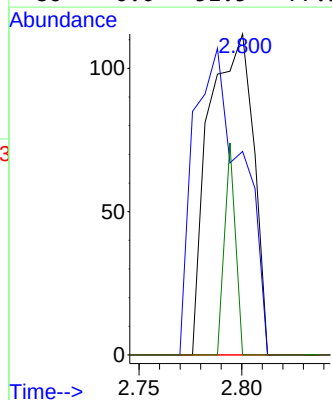
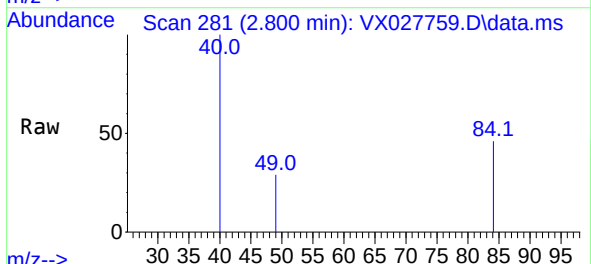
Instrument :  
MSVOA\_X  
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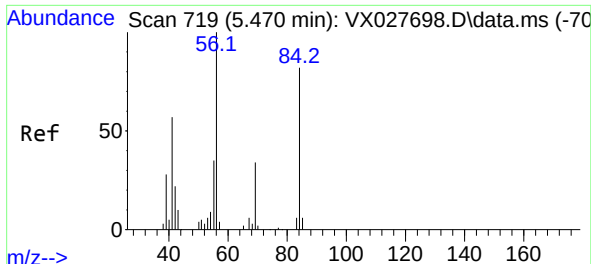
Tgt Ion: 43 Resp: 618  
Ion Ratio Lower Upper  
43 100  
58 56.7 28.8 43.2#



#20  
Methylene Chloride  
Concen: 0.212 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.012 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 84 Resp: 168  
Ion Ratio Lower Upper  
84 100  
49 63.4 85.5 128.3#  
51 0.0 26.6 39.8#  
86 0.0 51.5 77.3#

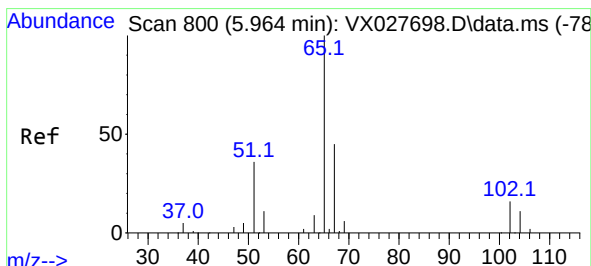
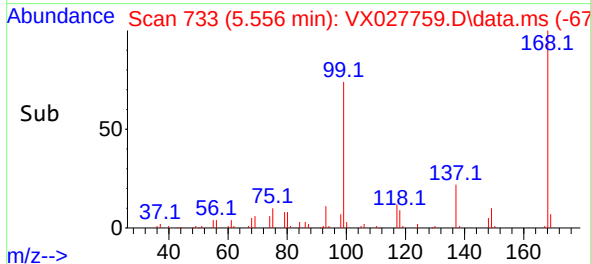
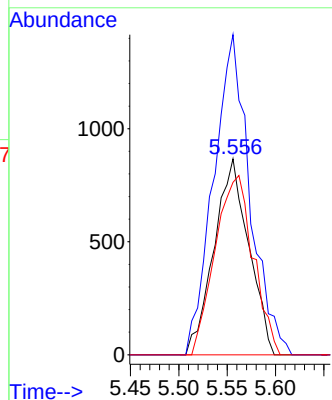
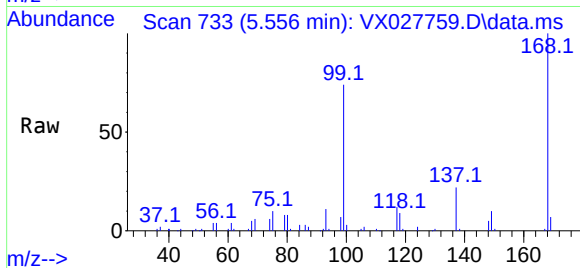




#31  
Cyclohexane  
Concen: 1.698 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.086 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

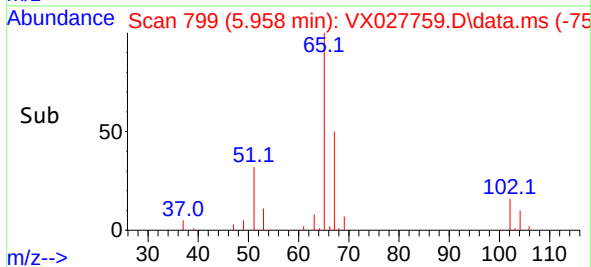
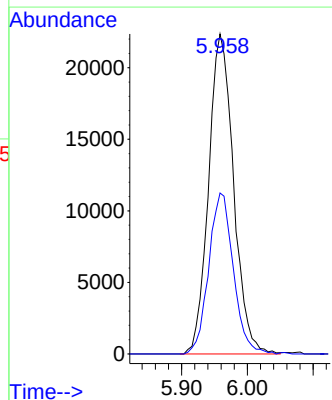
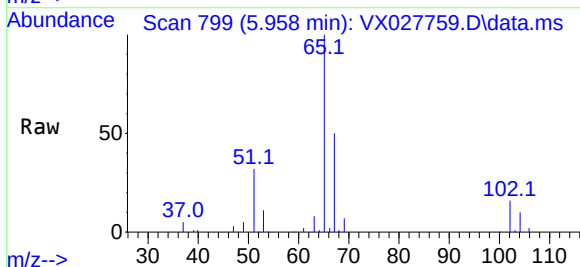
Instrument :  
MSVOA\_X  
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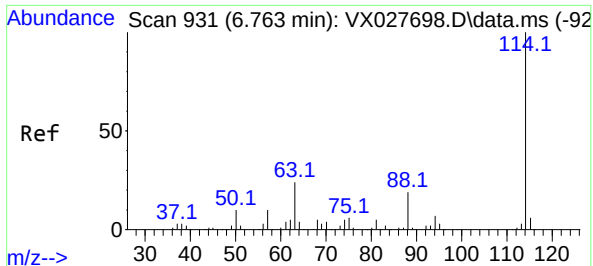
Tgt Ion: 56 Resp: 2166  
Ion Ratio Lower Upper  
56 100  
69 163.3 26.7 40.1#  
84 88.0 77.2 115.8



#33  
1,2-Dichloroethane-d4  
Concen: 56.149 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 65 Resp: 59083  
Ion Ratio Lower Upper  
65 100  
67 49.5 0.0 107.4

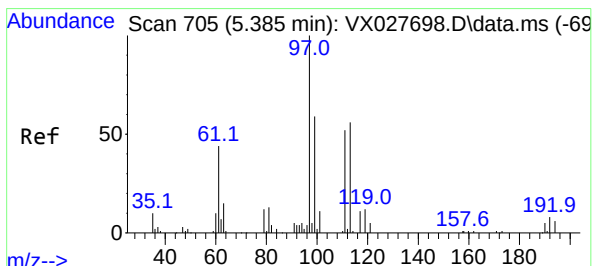
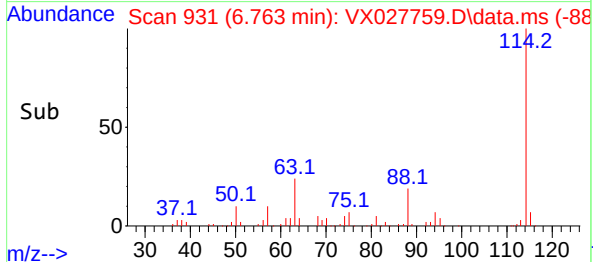
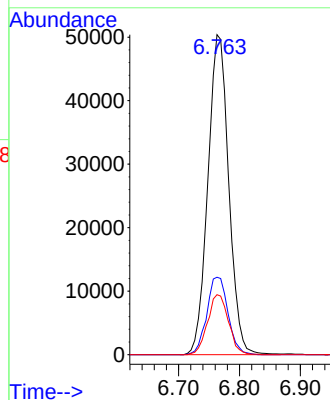
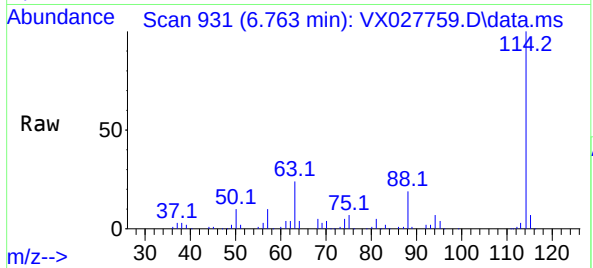




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

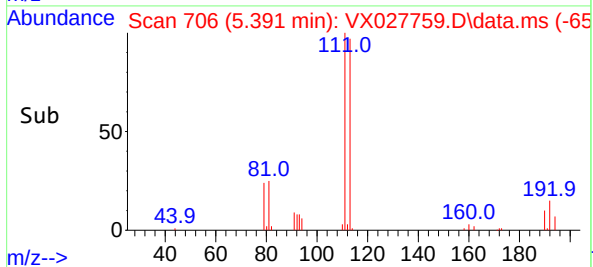
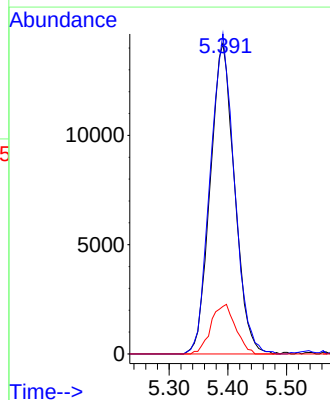
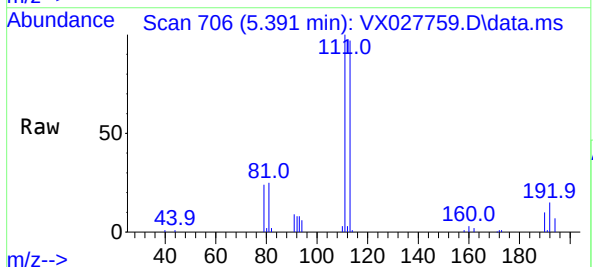
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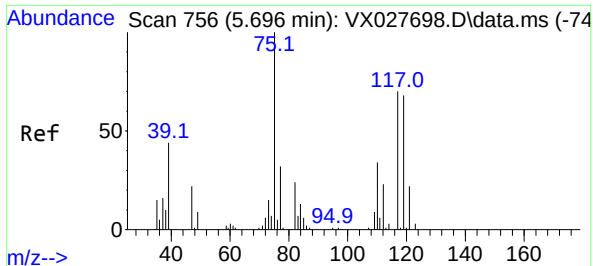
Tgt Ion:114 Resp: 119957  
Ion Ratio Lower Upper  
114 100  
63 24.2 0.0 36.8  
88 18.8 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 51.801 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion:113 Resp: 40806  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.8 124.2  
192 16.1 16.9 25.3#

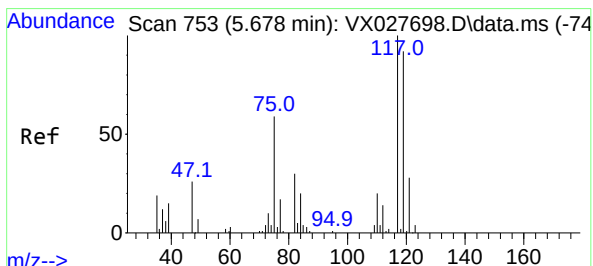
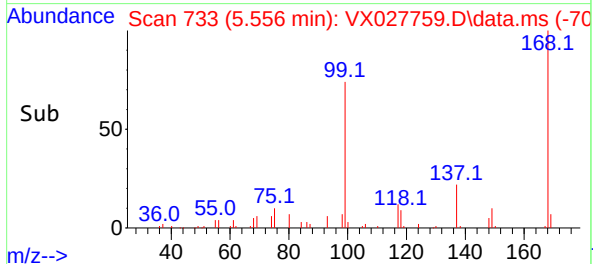
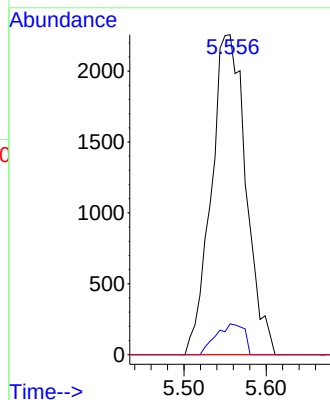
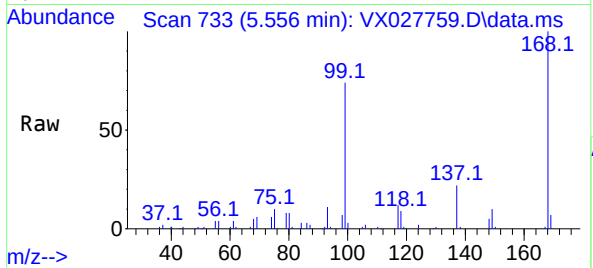




#36  
1,1-Dichloropropene  
Concen: 5.303 ug/l  
RT: 5.556 min Scan# 714  
Delta R.T. -0.140 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

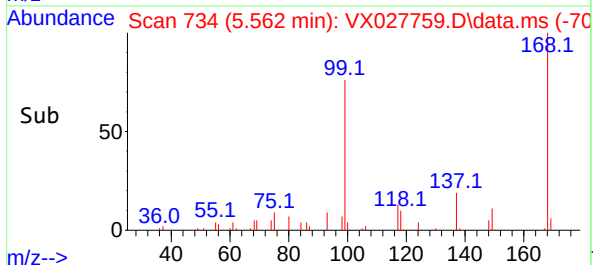
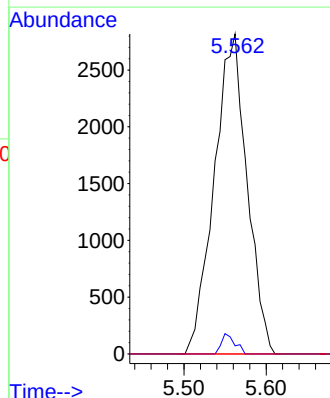
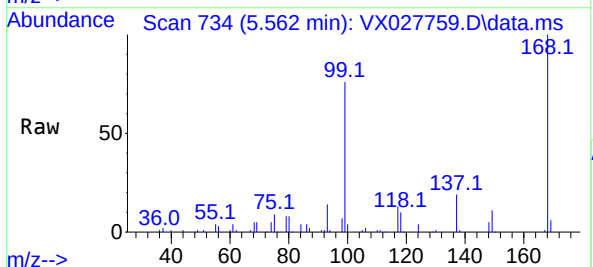
Instrument :  
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TB-01-20220316

Tgt Ion: 75 Resp: 6598  
Ion Ratio Lower Upper  
75 100  
110 7.8 18.3 54.8#  
77 0.0 24.8 37.2#

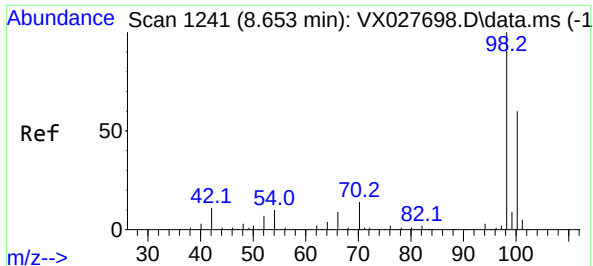


#38  
Carbon Tetrachloride  
Concen: 6.433 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.116 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 117 Resp: 7822  
Ion Ratio Lower Upper  
117 100  
119 2.6 77.3 115.9#  
121 0.0 24.2 36.2#



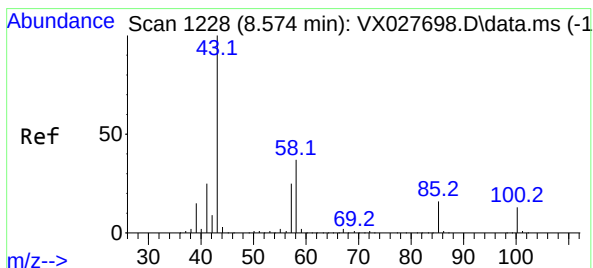
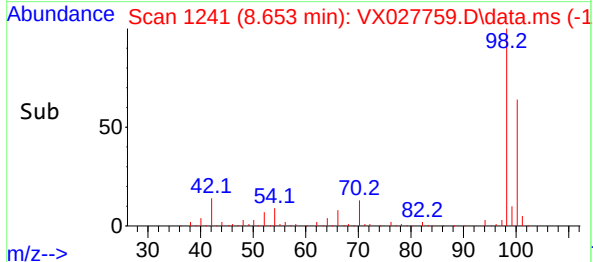
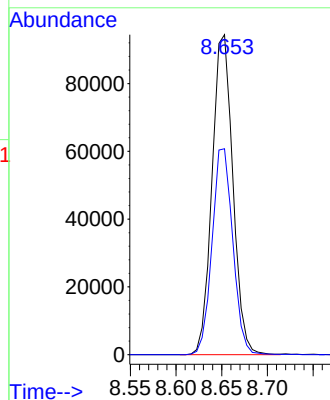
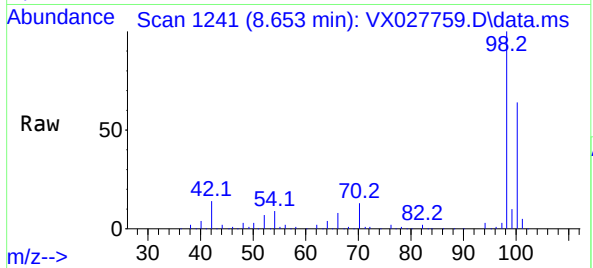




#50  
Toluene-d8  
Concen: 49.051 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

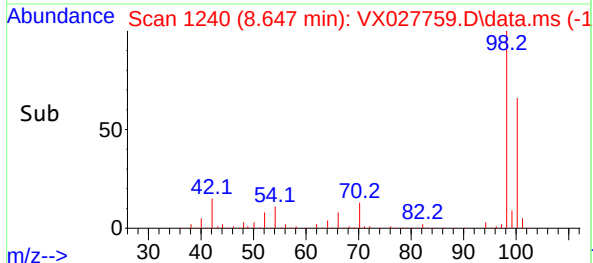
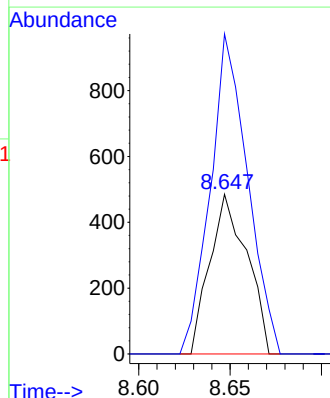
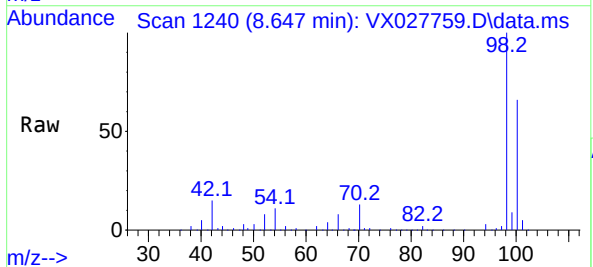
Instrument :  
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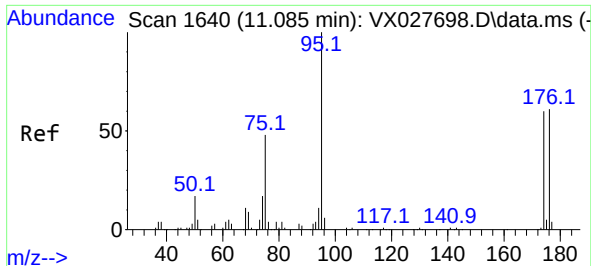
Tgt Ion: 98 Resp: 149367  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 0.458 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 43 Resp: 687  
Ion Ratio Lower Upper  
43 100  
58 200.9 36.1 54.1#

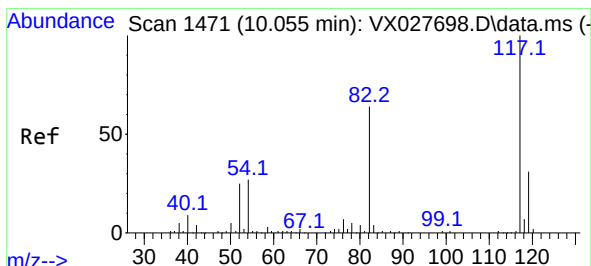
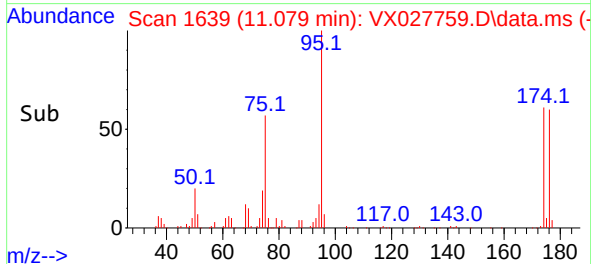
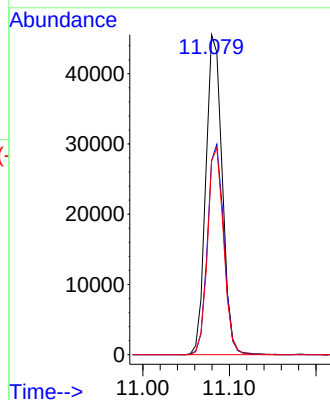
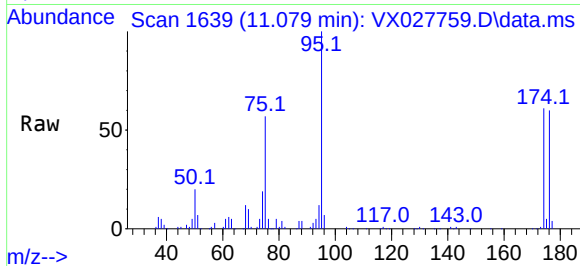




#62  
4-Bromofluorobenzene  
Concen: 48.457 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

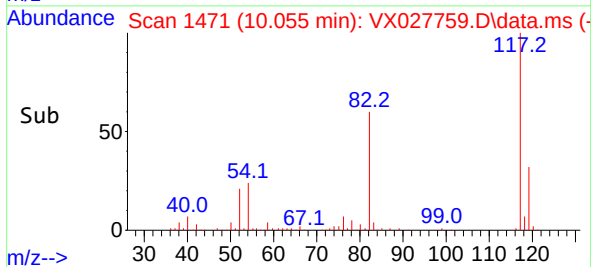
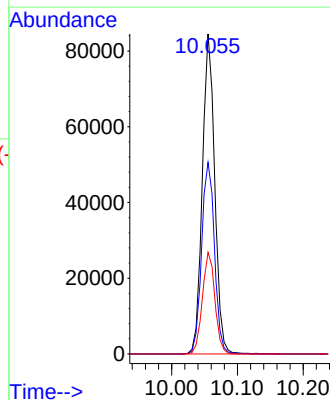
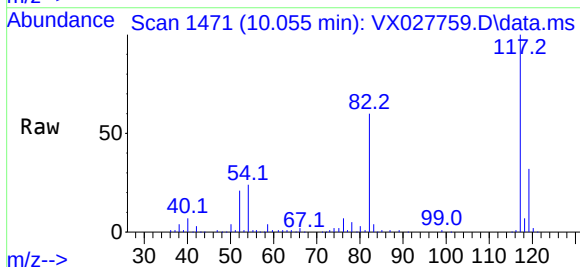
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20220316

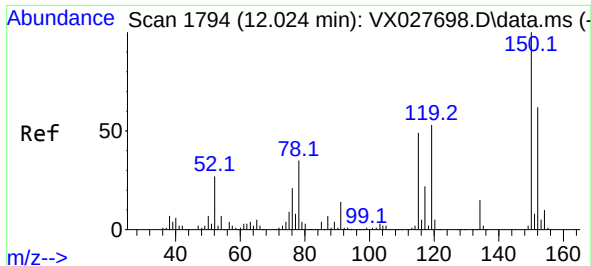
Tgt Ion: 95 Resp: 59875  
Ion Ratio Lower Upper  
95 100  
174 65.5 0.0 163.0  
176 63.3 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 117 Resp: 110792  
Ion Ratio Lower Upper  
117 100  
82 59.8 41.8 62.8  
119 31.8 24.8 37.2

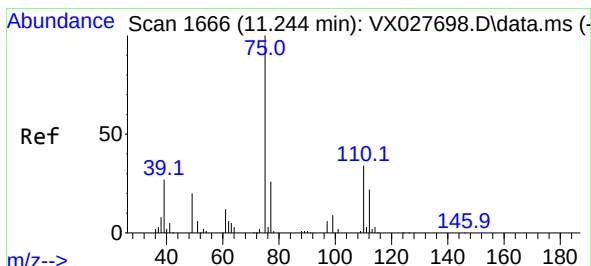
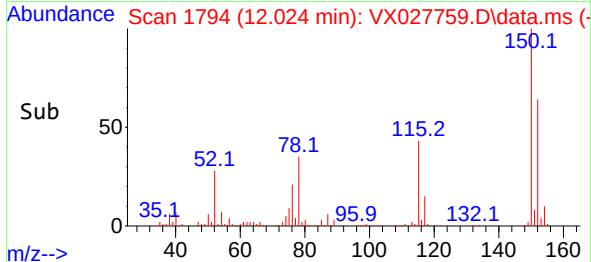
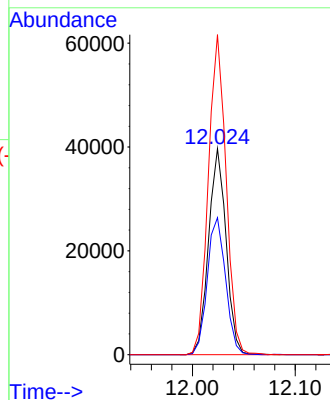
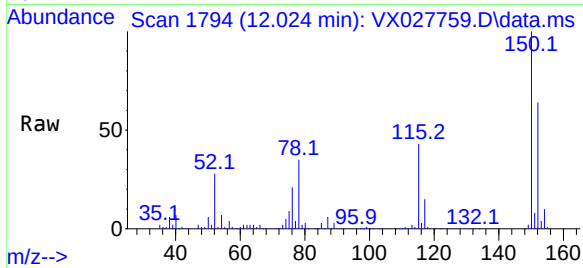




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

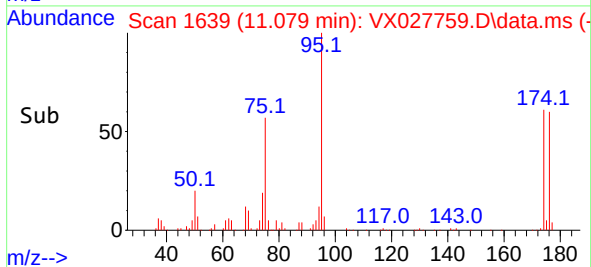
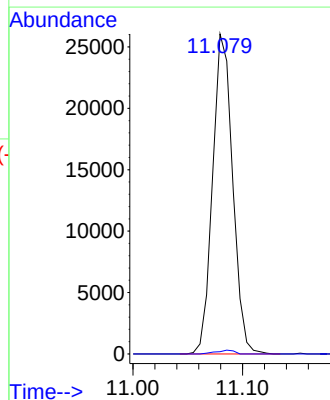
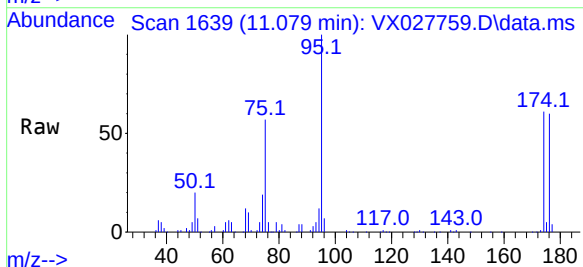
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20220316

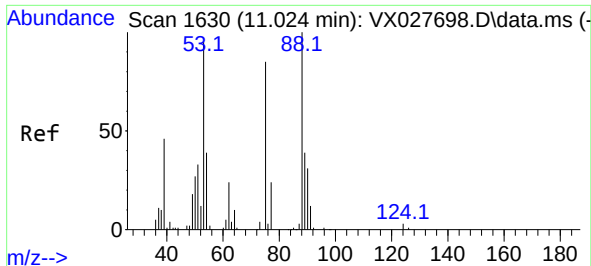
Tgt Ion:152 Resp: 47088  
Ion Ratio Lower Upper  
152 100  
115 69.3 37.5 112.7  
150 157.2 0.0 338.2



#76  
1,2,3-Trichloropropane  
Concen: 25.258 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion: 75 Resp: 33114  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.4 58.2#

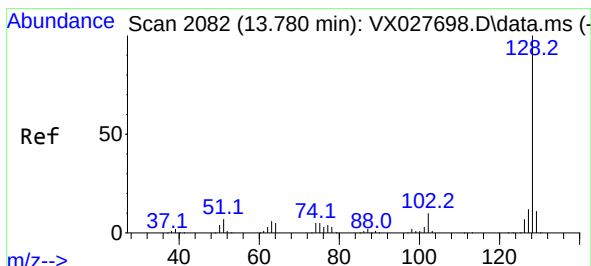
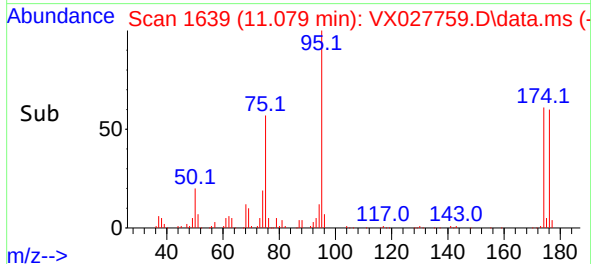
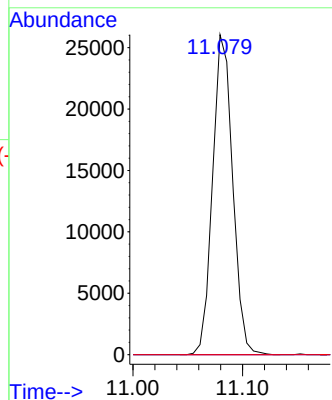
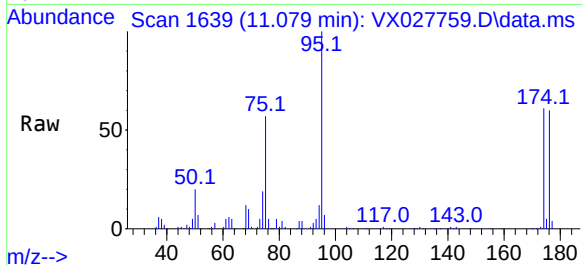




#81  
trans-1,4-Dichloro-2-butene  
Concen: 85.974 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.055 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-20220316

Tgt Ion: 75 Resp: 33114  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#



#95  
Naphthalene  
Concen: 0.458 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX027759.D  
Acq: 28 Mar 2022 18:52

Tgt Ion:128 Resp: 1536  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.2 15.4  
129 11.5 8.7 13.1

