

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
 Data File : VX026354.D  
 Acq On : 06 Jan 2022 04:20  
 Operator : JC/MD  
 Sample : N1019-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jan 06 05:06:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

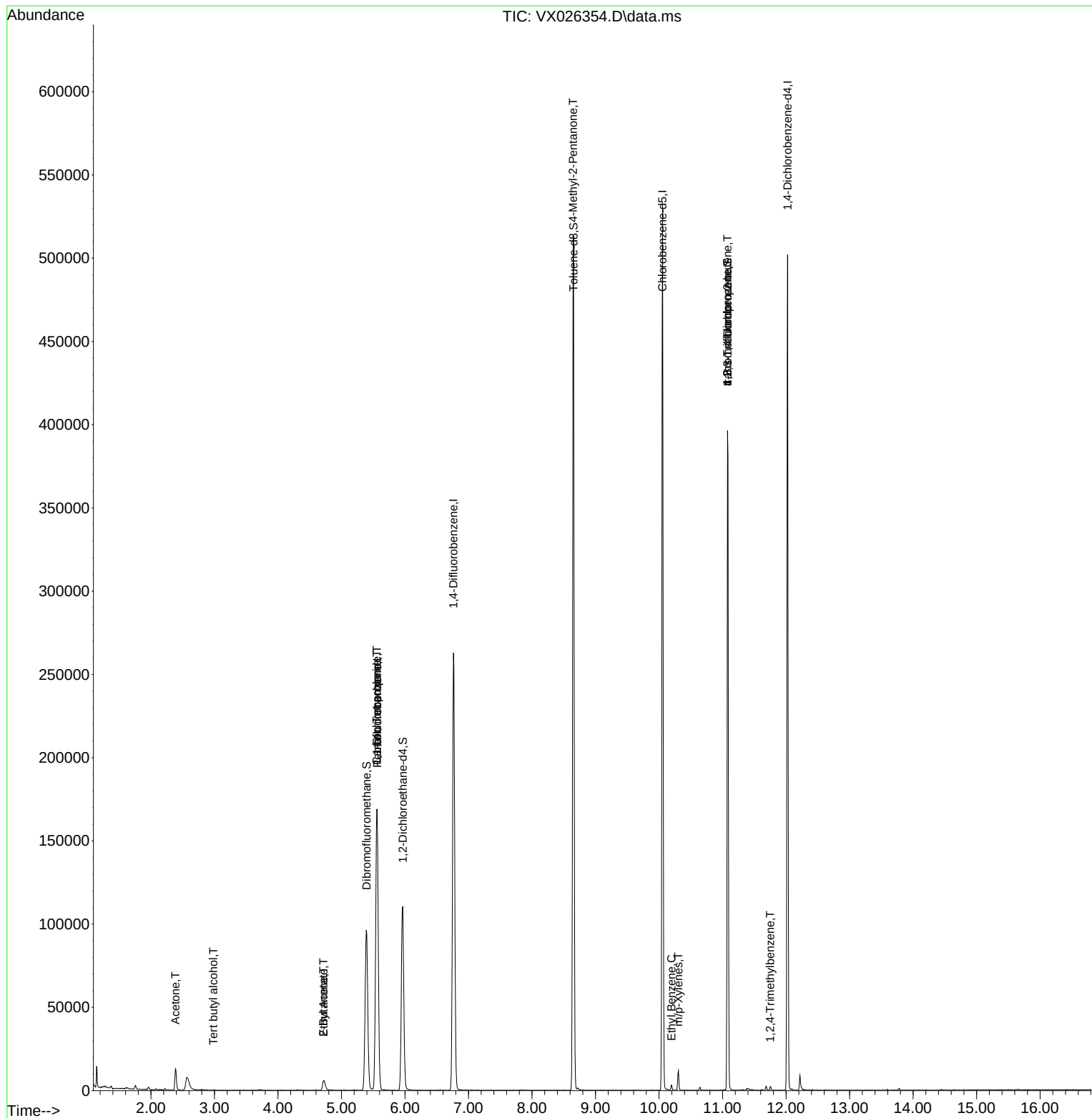
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 156370   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 259790   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 224196   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 97512    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 112419   | 49.694    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 99.380%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 84536    | 50.052    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 100.100% |
| 50) Toluene-d8                | 8.653  | 98    | 299967   | 47.747    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 95.500%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 111843   | 50.009    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.020% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 11) Tert butyl alcohol        | 2.983  | 59    | 181      | 0.401     | ug/l # | 73       |
| 16) Acetone                   | 2.386  | 43    | 14837    | 12.105    | ug/l   | 94       |
| 20) Methylene Chloride        | 2.794  | 84    | 142      | Below Cal | #      | 54       |
| 25) 2-Butanone                | 4.715  | 43    | 11382    | 6.666     | ug/l # | 49       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 12751    | 4.681     | ug/l # | 50       |
| 37) Ethyl Acetate             | 4.715  | 43    | 11382    | 3.603     | ug/l   | 98       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 17066    | 5.632     | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1513     | 0.472     | ug/l # | 1        |
| 67) Ethyl Benzene             | 10.195 | 91    | 1929     | 0.219     | ug/l # | 78       |
| 68) m/p-Xylenes               | 10.305 | 106   | 2686     | 0.817     | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 58227    | 24.738    | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 58227    | 71.569    | ug/l # | 10       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 1330     | 0.212     | ug/l   | 91       |
| -----                         |        |       |          |           |        |          |

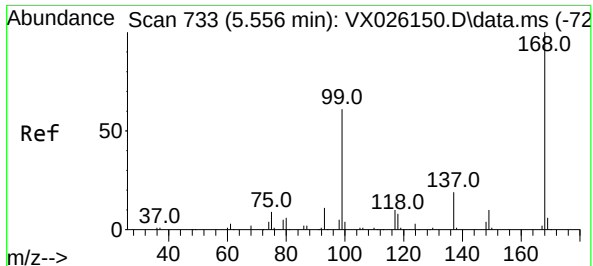
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010522\  
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Operator : JC/MD  
Sample : N1019-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jan 06 05:06:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration

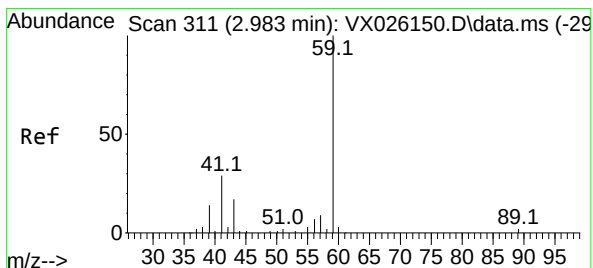
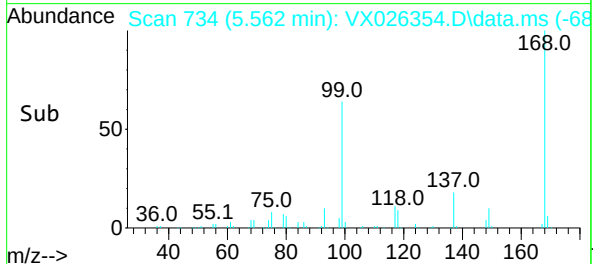
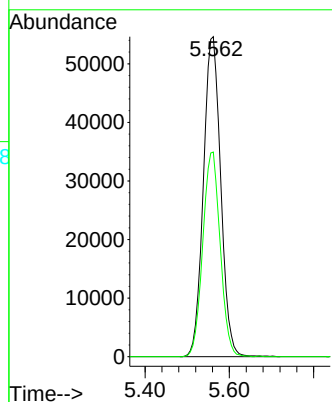
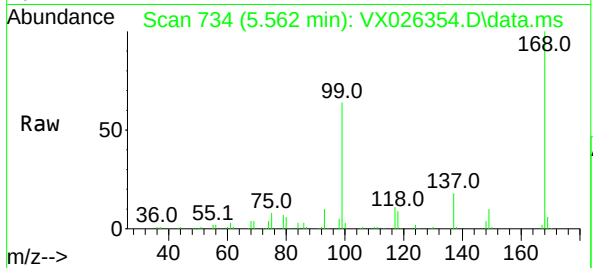




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

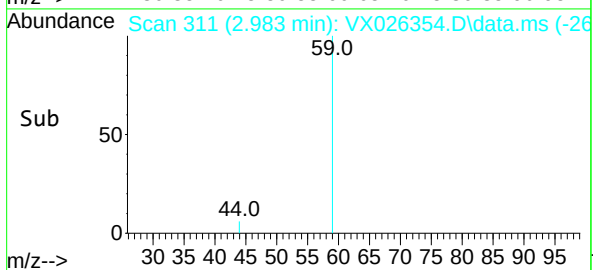
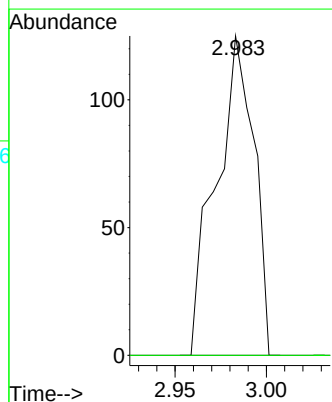
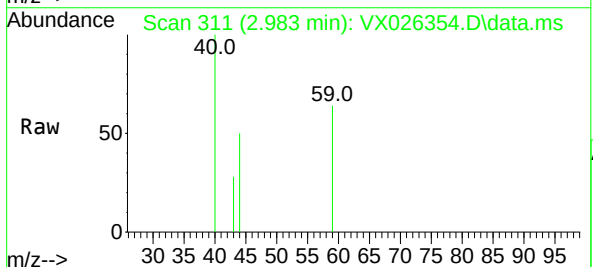
Instrument :  
MSVOA\_X  
ClientSampleId :

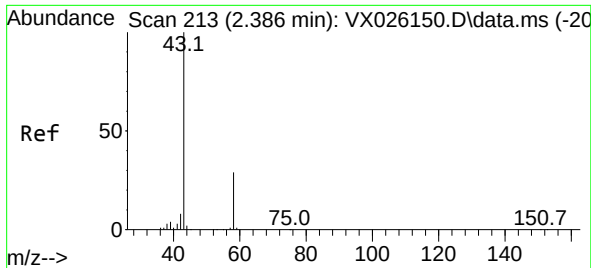
Tgt Ion:168 Resp: 156370  
Ion Ratio Lower Upper  
168 100  
99 64.0 45.8 68.8



#11  
Tert butyl alcohol  
Concen: 0.401 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 59 Resp: 181  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#

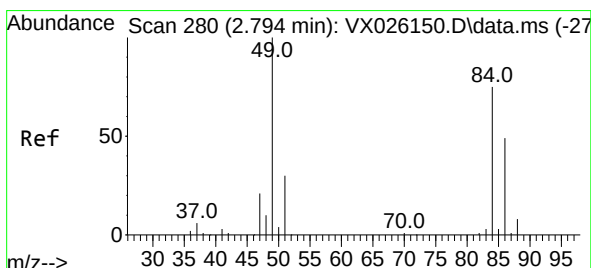
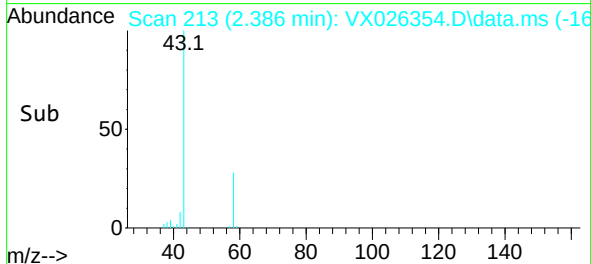
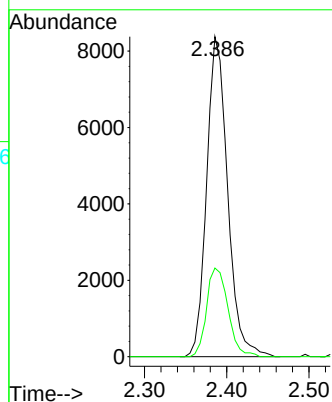
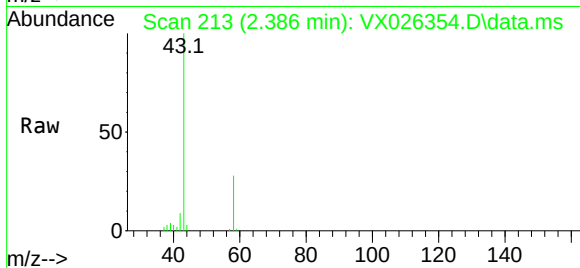




#16  
Acetone  
Concen: 12.105 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

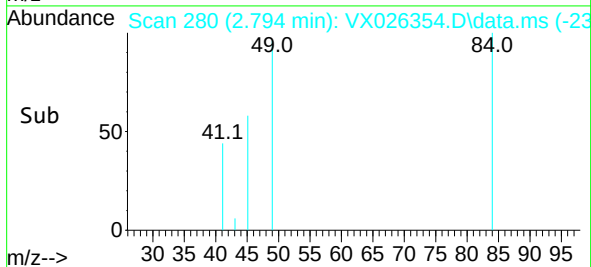
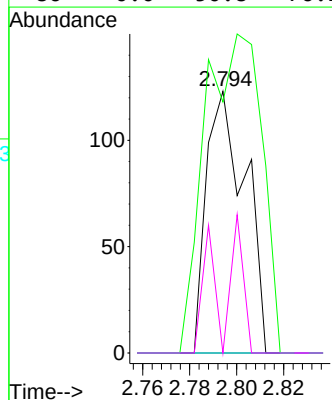
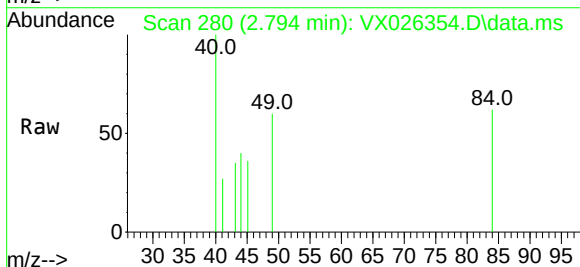
Instrument :  
MSVOA\_X  
ClientSampleId :

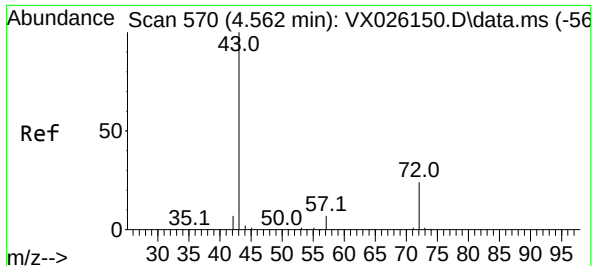
Tgt Ion: 43 Resp: 14837  
Ion Ratio Lower Upper  
43 100  
58 27.7 24.8 37.2



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 84 Resp: 142  
Ion Ratio Lower Upper  
84 100  
49 95.9 97.1 145.7#  
51 0.0 29.3 43.9#  
86 0.0 50.8 76.2#





#25

2-Butanone

Concen: 6.666 ug/l

RT: 4.715 min Scan# 51

Delta R.T. 0.152 min

Lab File: VX026354.D

Acq: 06 Jan 2022 04:20

Instrument :

MSVOA\_X

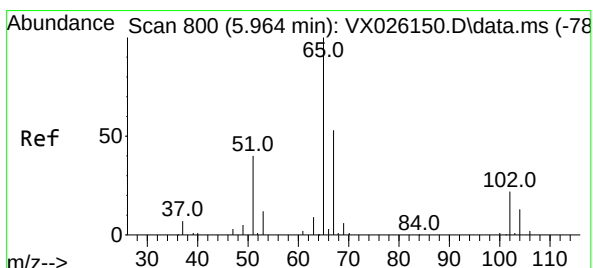
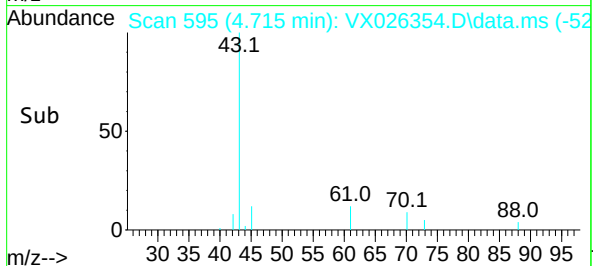
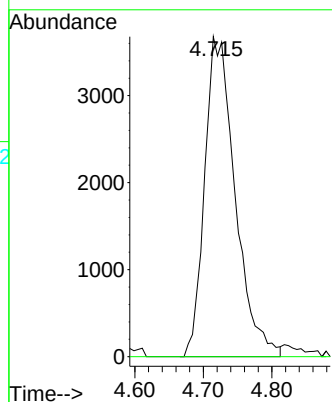
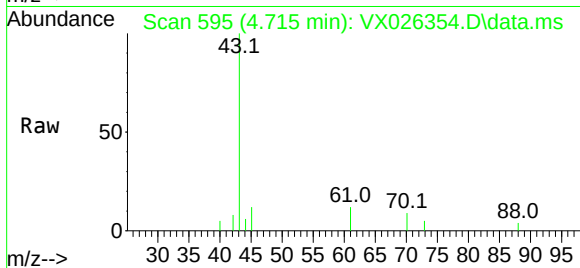
ClientSampleId :

Tgt Ion: 43 Resp: 11382

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#33

1,2-Dichloroethane-d4

Concen: 49.694 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026354.D

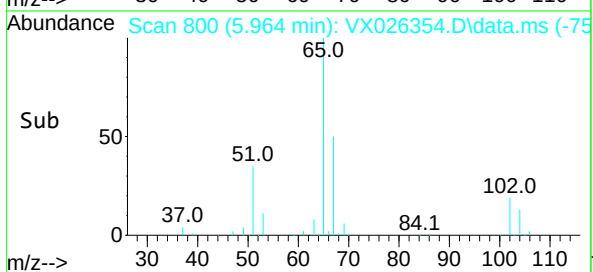
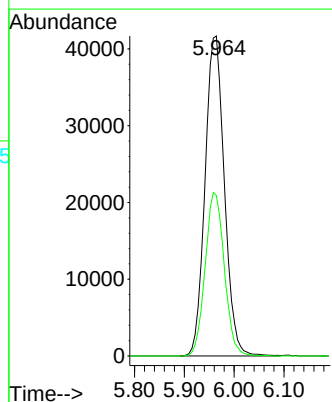
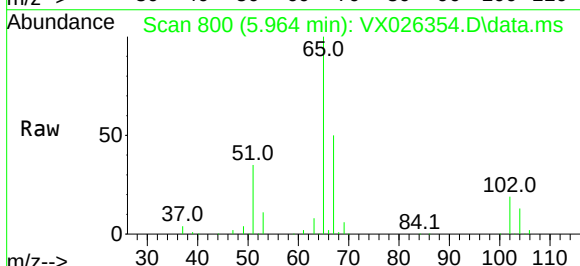
Acq: 06 Jan 2022 04:20

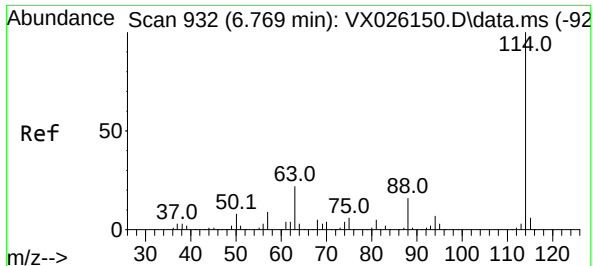
Tgt Ion: 65 Resp: 112419

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.4

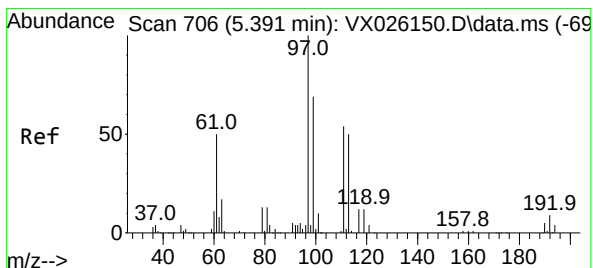
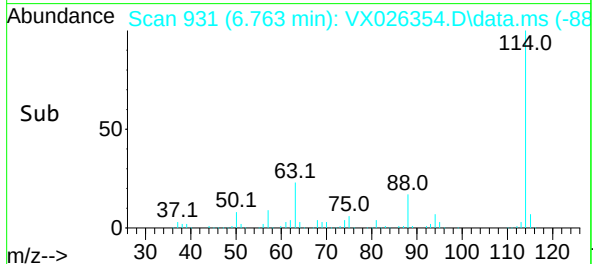
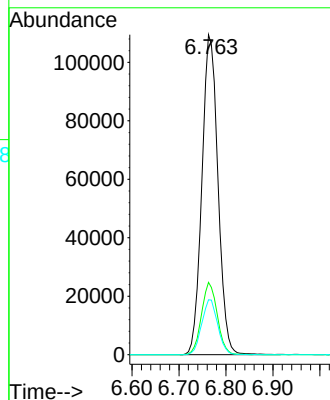
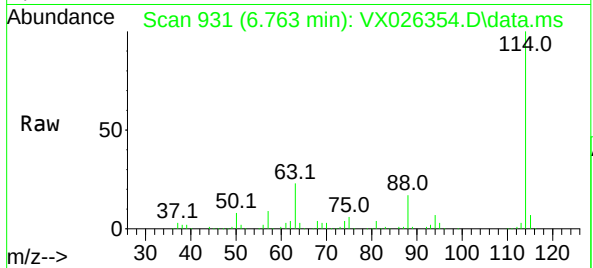




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

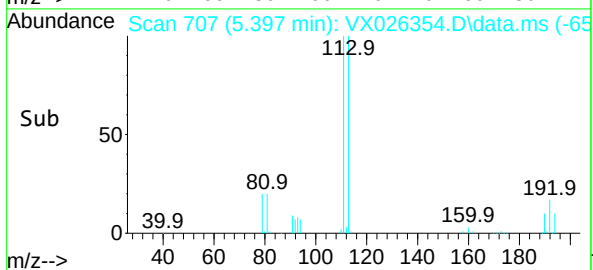
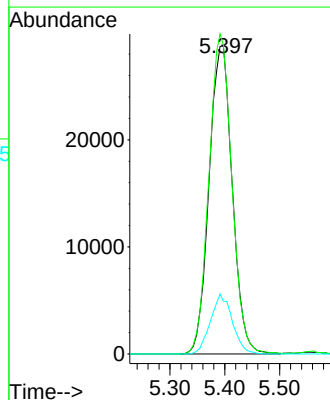
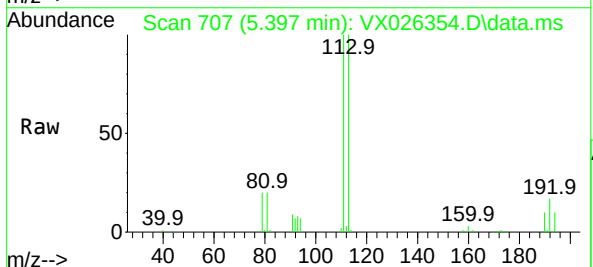
Instrument :  
MSVOA\_X  
ClientSampleId :

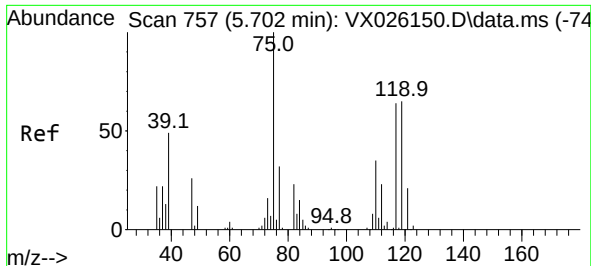
Tgt Ion:114 Resp: 259790  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 40.0  
88 17.2 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 50.052 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

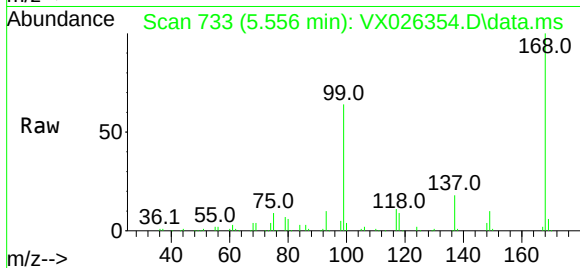
Tgt Ion:113 Resp: 84536  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.8 122.8  
192 18.3 15.0 22.4



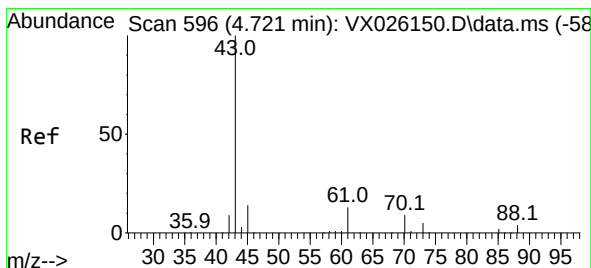
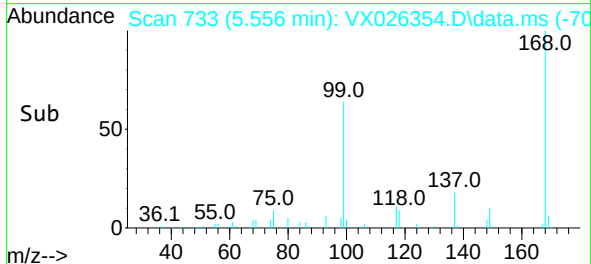
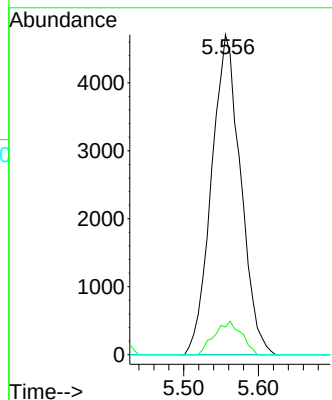


#36  
1,1-Dichloropropene  
Concen: 4.681 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Instrument :  
MSVOA\_X  
ClientSampleId :

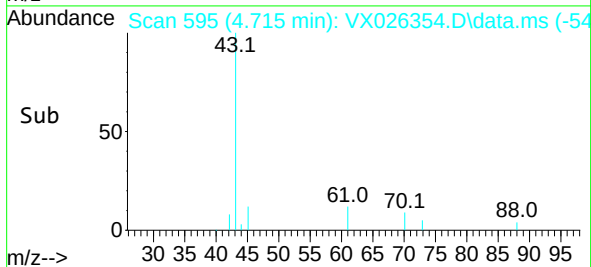
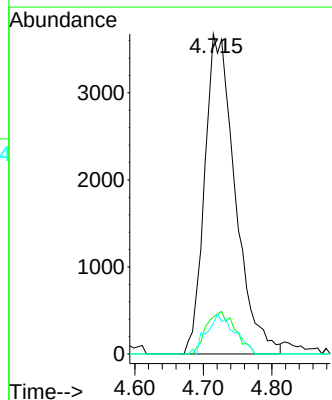
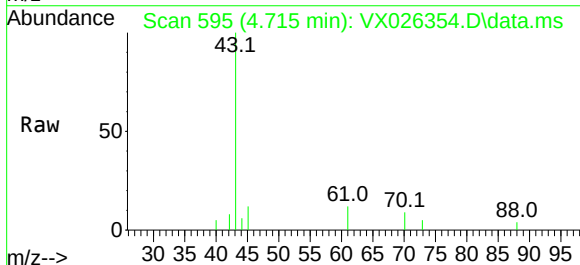


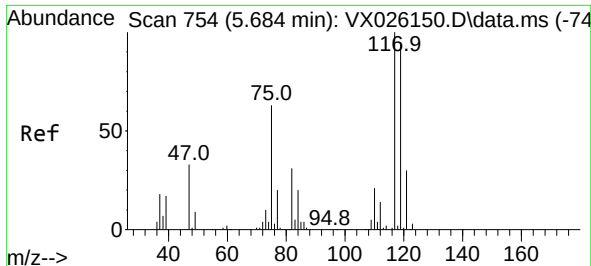
Tgt Ion: 75 Resp: 12751  
Ion Ratio Lower Upper  
75 100  
110 9.8 18.2 54.6#  
77 0.0 24.7 37.1#



#37  
Ethyl Acetate  
Concen: 3.603 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

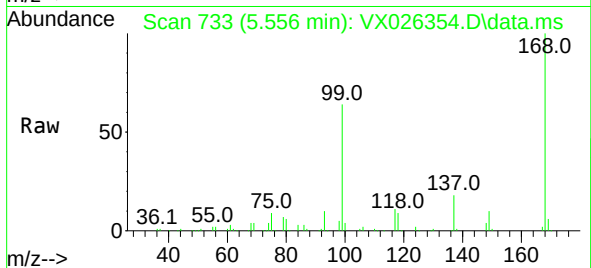
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Ion Ratio Lower Upper  
43 100  
61 12.5 10.7 16.1  
70 11.3 8.5 12.7



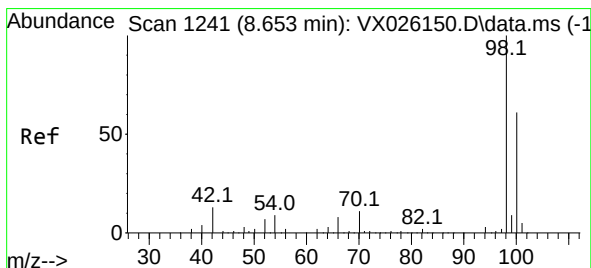
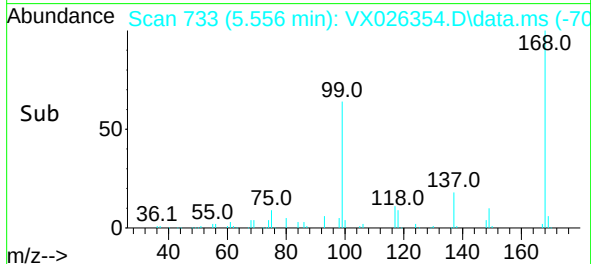
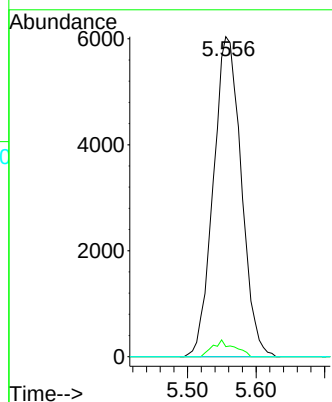


#38  
Carbon Tetrachloride  
Concen: 5.632 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Instrument :  
MSVOA\_X  
ClientSampleId :

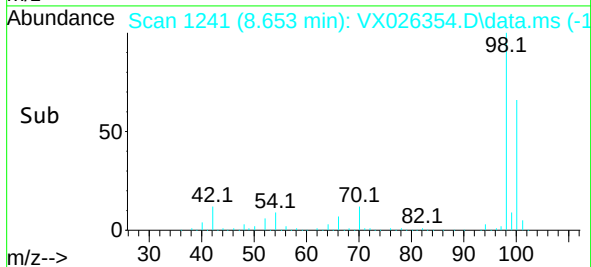
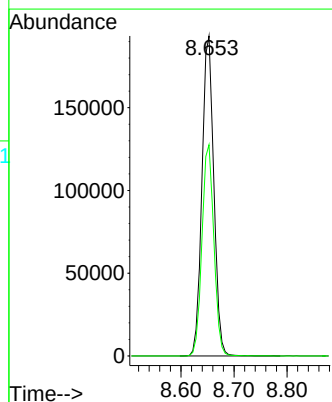
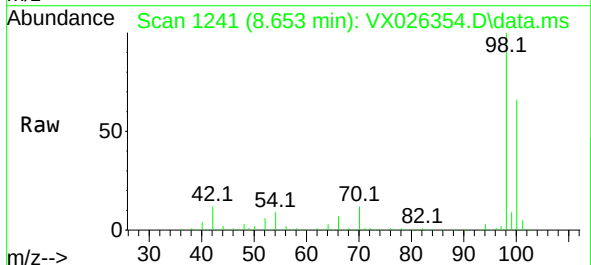


Tgt Ion:117 Resp: 17066  
Ion Ratio Lower Upper  
117 100  
119 3.1 77.2 115.8#  
121 0.0 23.8 35.8#

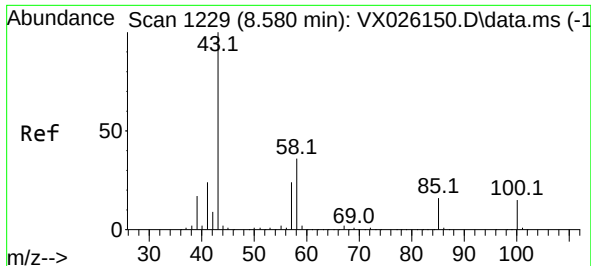


#50  
Toluene-d8  
Concen: 47.747 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 98 Resp: 299967  
Ion Ratio Lower Upper  
98 100  
100 66.4 52.6 78.8



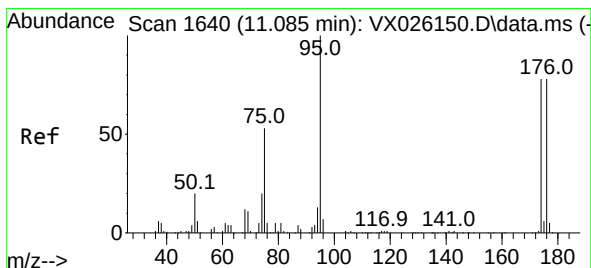
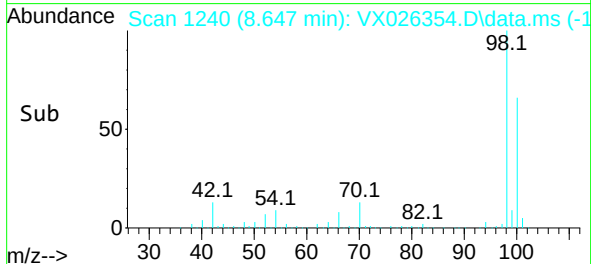
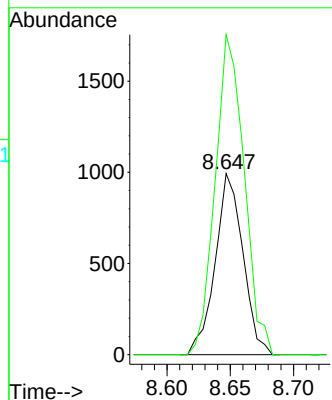
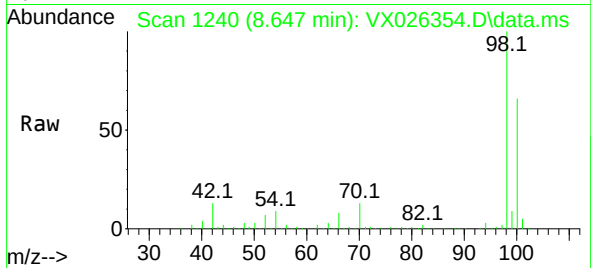




#51  
4-Methyl-2-Pentanone  
Concen: 0.472 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.067 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

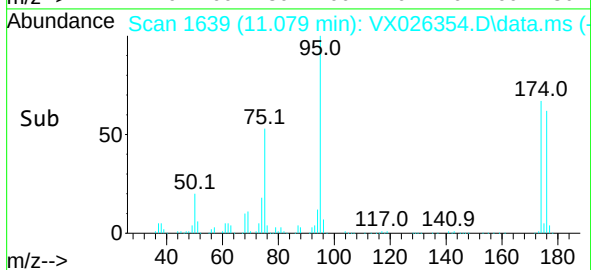
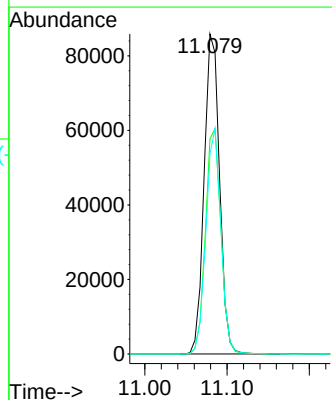
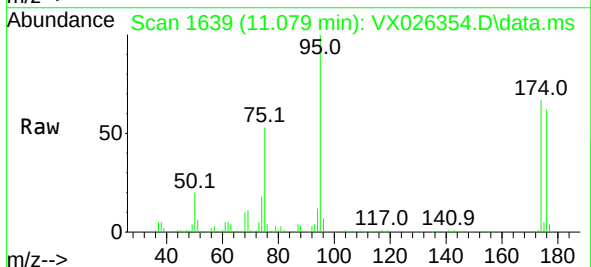
Instrument :  
MSVOA\_X  
ClientSampleId :

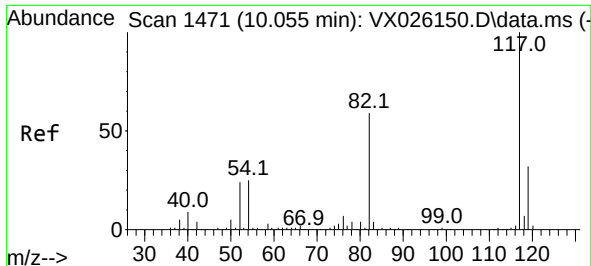
Tgt Ion: 43 Resp: 1513  
Ion Ratio Lower Upper  
43 100  
58 185.1 30.8 46.2#



#62  
4-Bromofluorobenzene  
Concen: 50.009 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 95 Resp: 111843  
Ion Ratio Lower Upper  
95 100  
174 70.7 0.0 157.4  
176 68.5 0.0 154.6

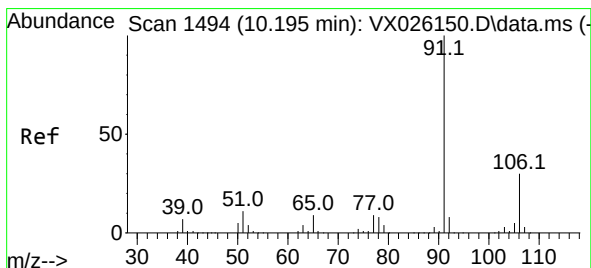
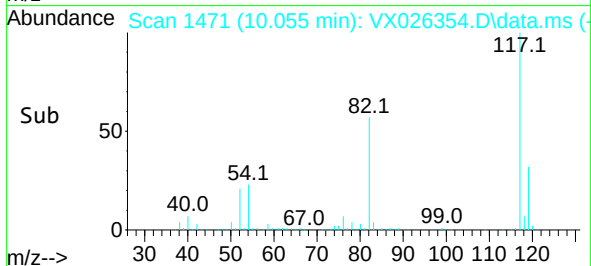
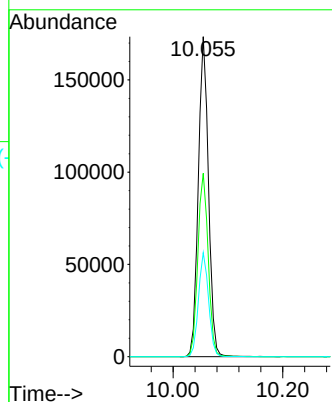
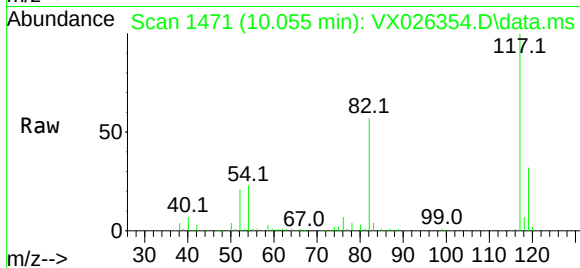




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

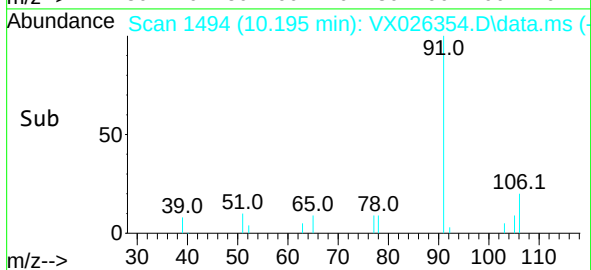
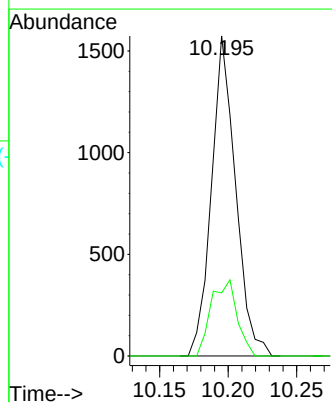
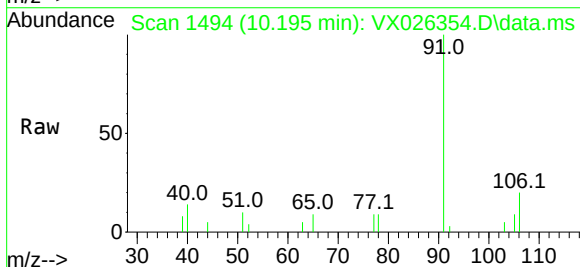
Instrument :  
MSVOA\_X  
ClientSampleId :

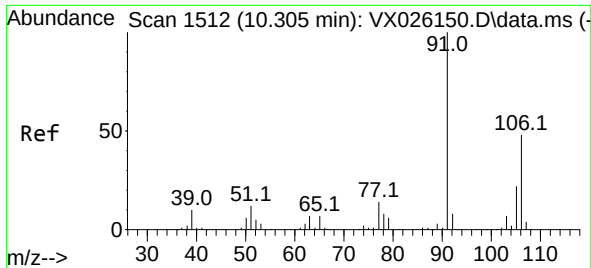
Tgt Ion:117 Resp: 224196  
Ion Ratio Lower Upper  
117 100  
82 57.3 43.8 65.6  
119 32.5 25.2 37.8



#67  
Ethyl Benzene  
Concen: 0.219 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 91 Resp: 1929  
Ion Ratio Lower Upper  
91 100  
106 19.7 25.7 38.5#

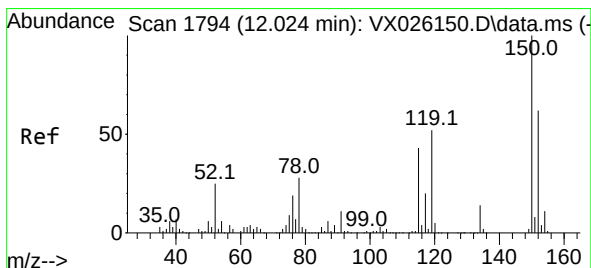
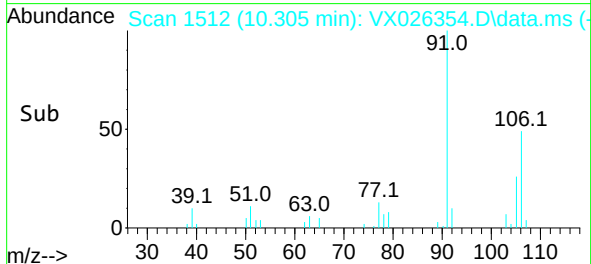
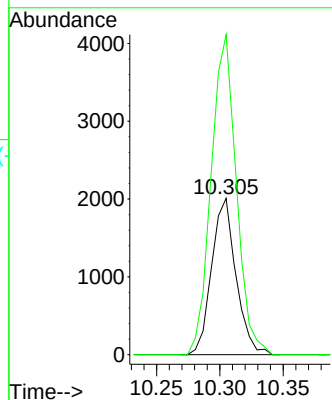
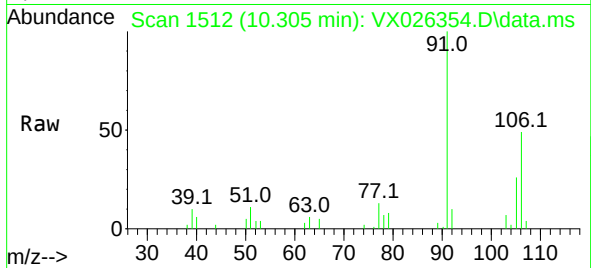




#68  
m/p-Xylenes  
Concen: 0.817 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

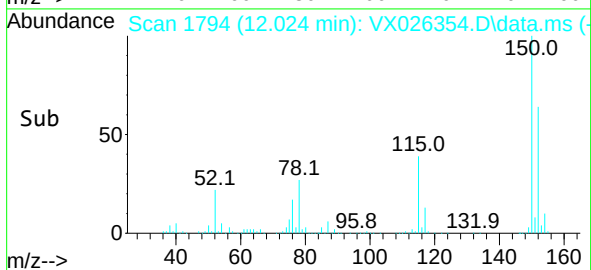
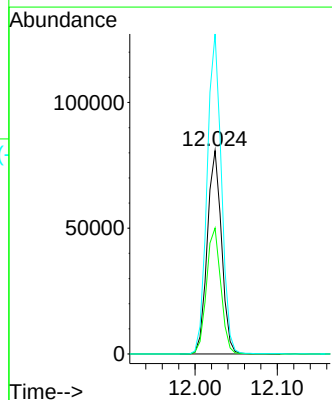
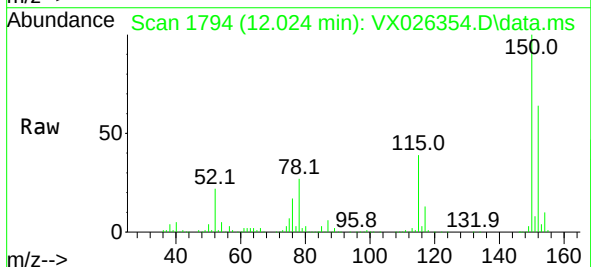
Instrument :  
MSVOA\_X  
ClientSampleId :

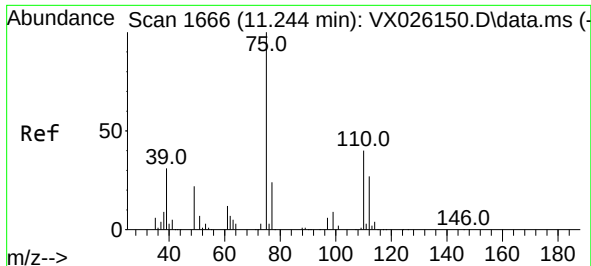
Tgt Ion:106 Resp: 2686  
Ion Ratio Lower Upper  
106 100  
91 212.1 158.6 238.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion:152 Resp: 97512  
Ion Ratio Lower Upper  
152 100  
115 62.1 41.3 123.9  
150 157.5 0.0 351.8

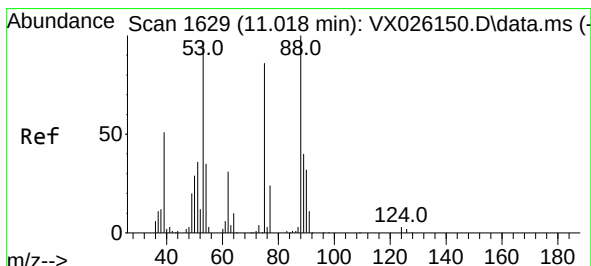
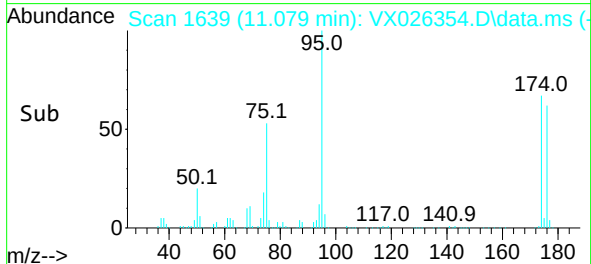
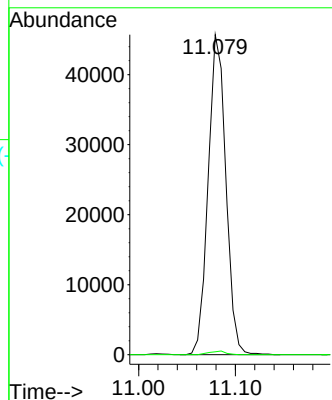
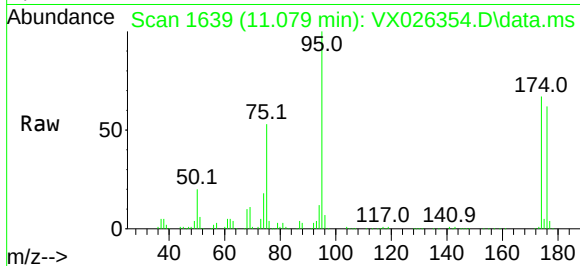




#76  
1,2,3-Trichloropropane  
Concen: 24.738 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

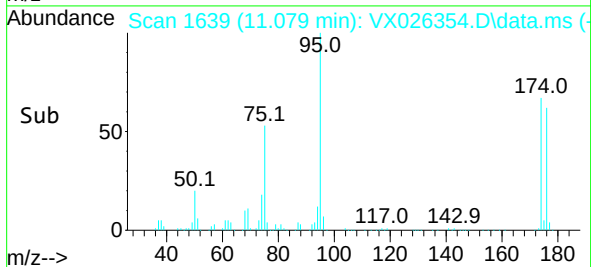
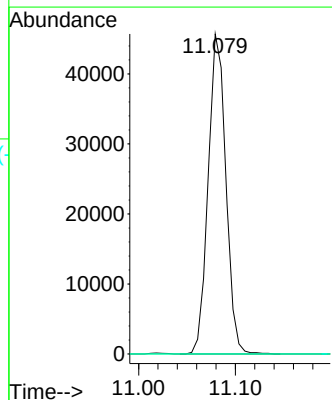
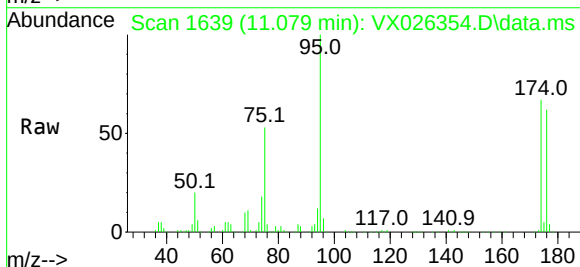
Instrument :  
MSVOA\_X  
ClientSampleId :

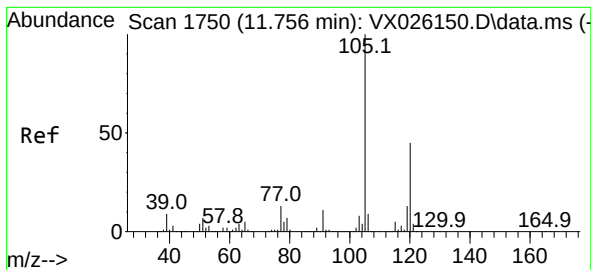
Tgt Ion: 75 Resp: 58227  
Ion Ratio Lower Upper  
75 100  
77 1.0 19.0 57.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.569 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX026354.D  
Acq: 06 Jan 2022 04:20

Tgt Ion: 75 Resp: 58227  
Ion Ratio Lower Upper  
75 100  
53 0.0 79.5 119.3#  
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.212 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.006 min

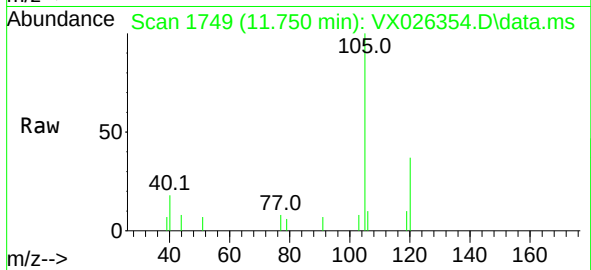
Lab File: VX026354.D

Acq: 06 Jan 2022 04:20

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion:105 Resp: 1330

Ion Ratio Lower Upper

105 100

120 40.0 22.9 68.7

