

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062322\  
 Data File : VX029733.D  
 Acq On : 23 Jun 2022 10:51  
 Operator : JC/MD  
 Sample : VX0623WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0623WBL01

Quant Time: Jun 24 05:37:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

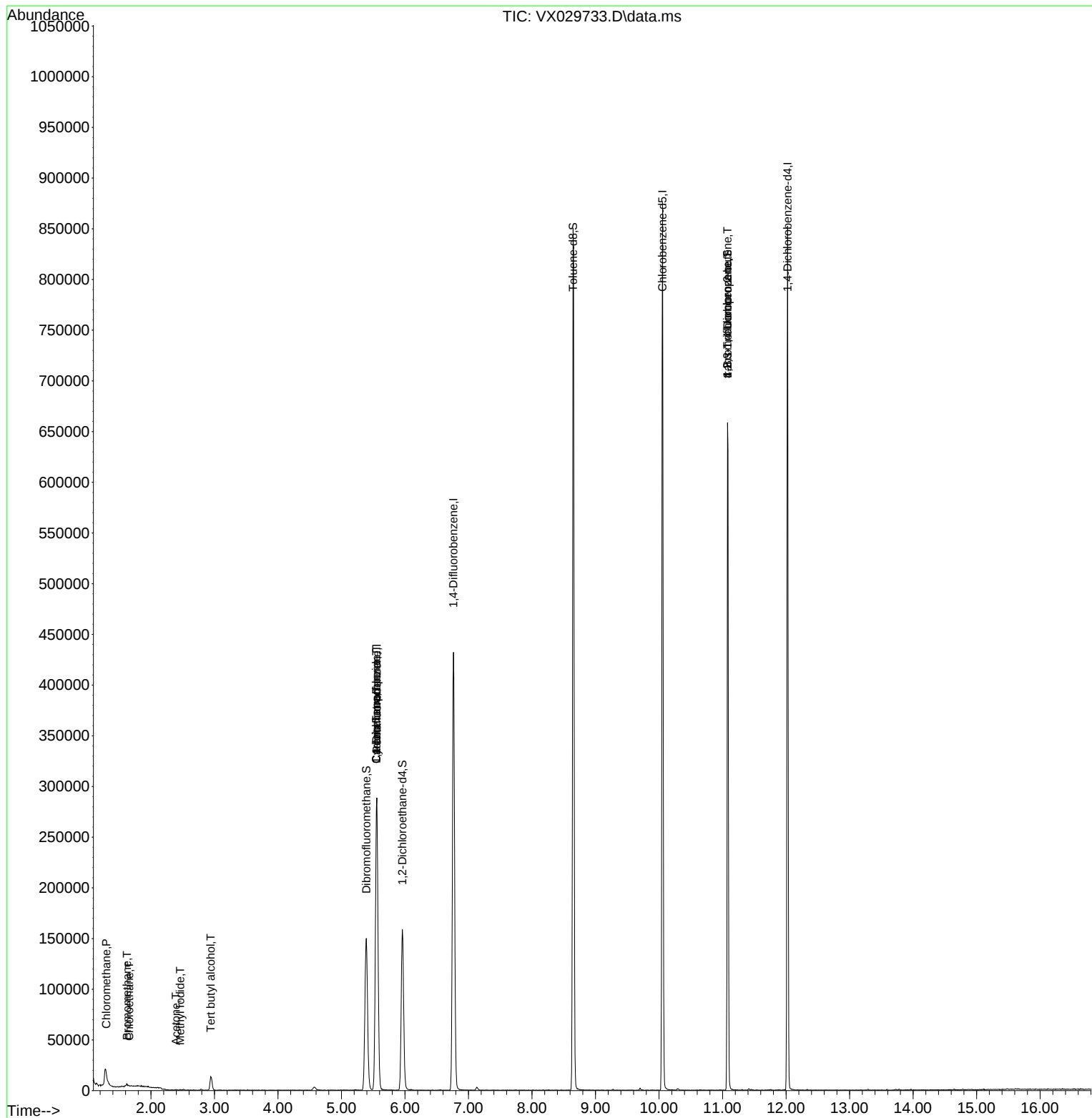
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 281139   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 470205   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 411670   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 180208   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 150633   | 40.476    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery  | =      | 80.960%  |
| 35) Dibromofluoromethane      | 5.391  | 113   | 136334   | 44.492    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 88.980%  |
| 50) Toluene-d8                | 8.647  | 98    | 530331   | 47.375    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery  | =      | 94.740%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 190188   | 45.052    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 90.100%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.295  | 50    | 1623     | 0.442     | ug/l   | 92       |
| 5) Bromomethane               | 1.624  | 94    | 915      | 0.531     | ug/l # | 81       |
| 6) Chloroethane               | 1.654  | 64    | 1590     | 1.878     | ug/l # | 45       |
| 10) Methyl Iodide             | 2.459  | 142   | 635      | 3.195     | ug/l # | 84       |
| 11) Tert butyl alcohol        | 2.941  | 59    | 8407     | 1.155     | ug/l # | 72       |
| 16) Acetone                   | 2.392  | 43    | 650      | 0.438     | ug/l # | 77       |
| 31) Cyclohexane               | 5.550  | 56    | 4897     | 0.980     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 20427    | 4.925     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 28720    | 7.042     | ug/l # | 15       |
| 44) Trichloroethene           | 7.129  | 130   | 1547     | Below Cal |        | 84       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 88439    | 22.528    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 88439    | 74.943    | ug/l # | 15       |
| -----                         |        |       |          |           |        |          |

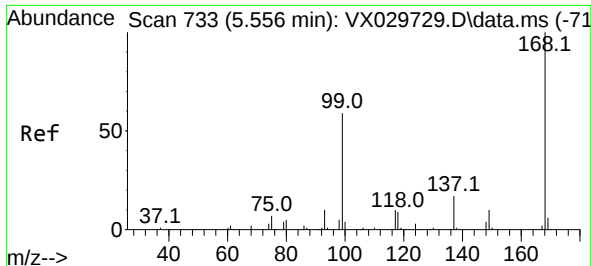
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062322\  
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Acq On : 23 Jun 2022 10:51  
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Sample : VX0623WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

Quant Time: Jun 24 05:37:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration

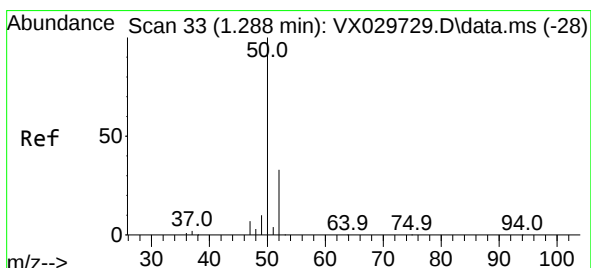
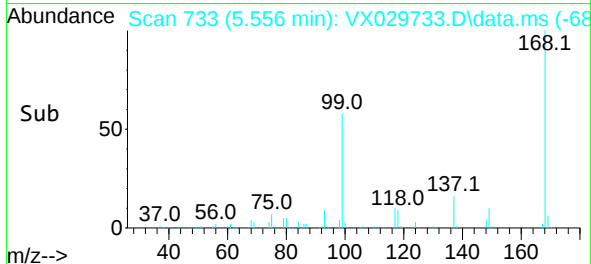
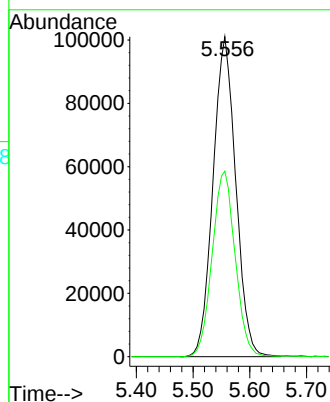
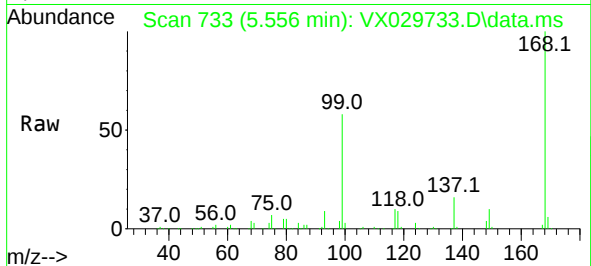




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

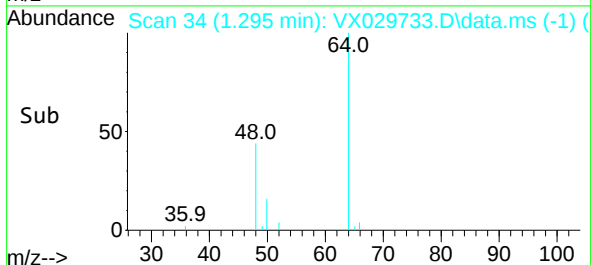
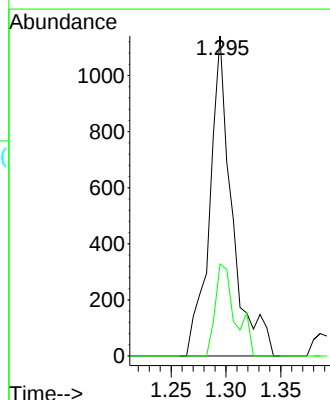
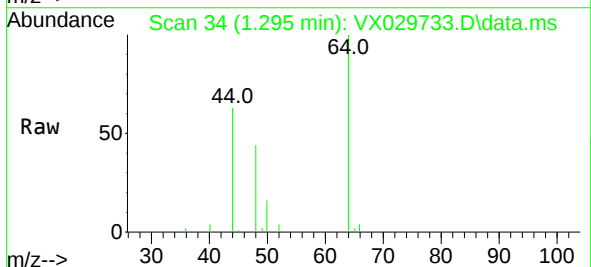
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

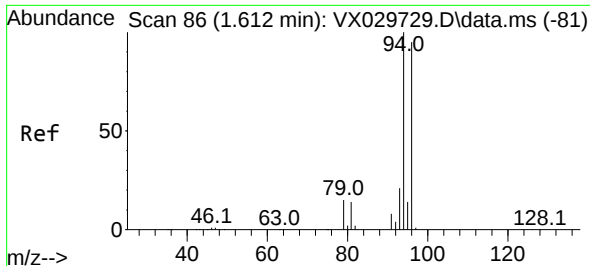
Tgt Ion:168 Resp: 281139  
Ion Ratio Lower Upper  
168 100  
99 58.0 41.7 62.5



#3  
Chloromethane  
Concen: 0.442 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.007 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 50 Resp: 1623  
Ion Ratio Lower Upper  
50 100  
52 28.7 26.4 39.6

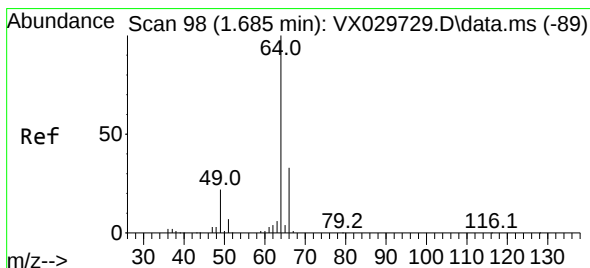
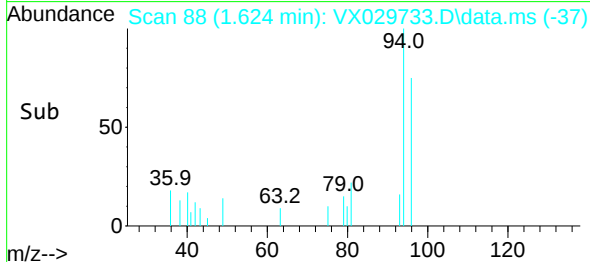
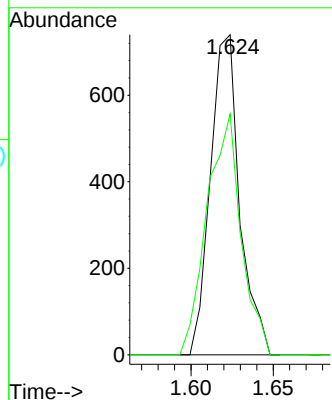
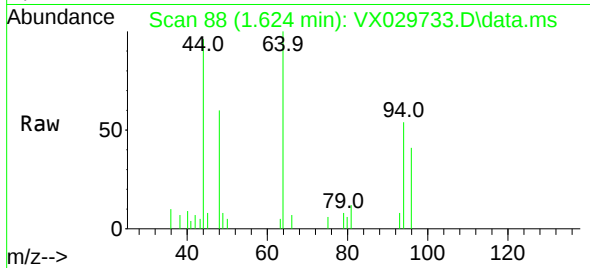




#5  
Bromomethane  
Concen: 0.531 ug/l  
RT: 1.624 min Scan# 81  
Delta R.T. 0.013 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

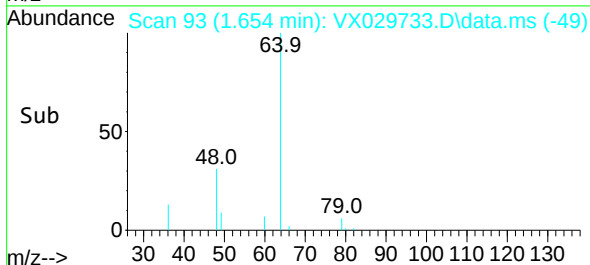
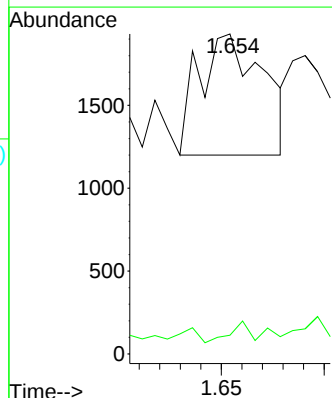
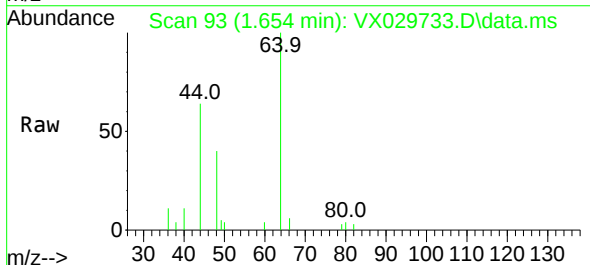
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

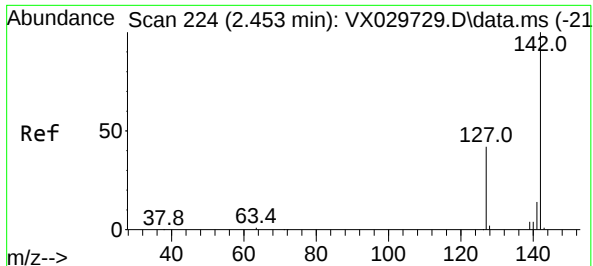
Tgt Ion: 94 Resp: 915  
Ion Ratio Lower Upper  
94 100  
96 75.3 75.3 112.9#



#6  
Chloroethane  
Concen: 1.878 ug/l  
RT: 1.654 min Scan# 93  
Delta R.T. -0.031 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 64 Resp: 1590  
Ion Ratio Lower Upper  
64 100  
66 1.2 25.3 37.9#

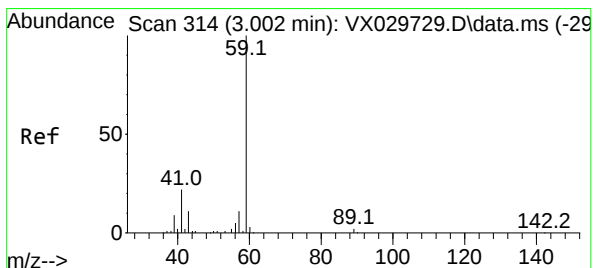
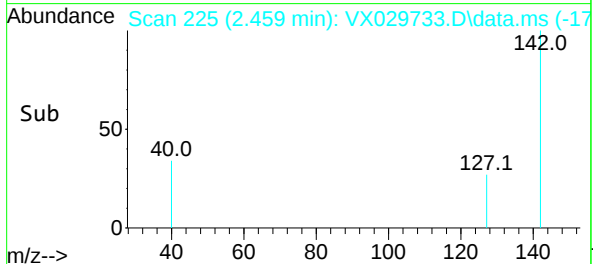
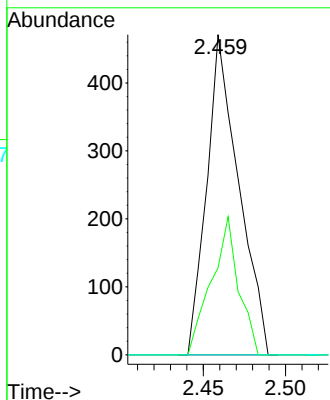
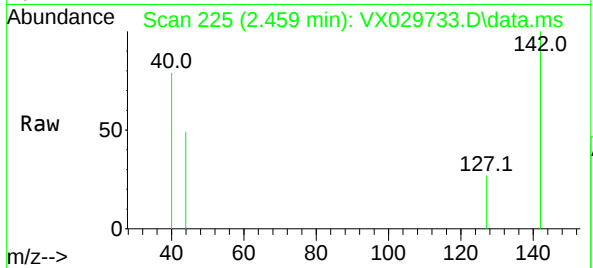




#10  
Methyl Iodide  
Concen: 3.195 ug/l  
RT: 2.459 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

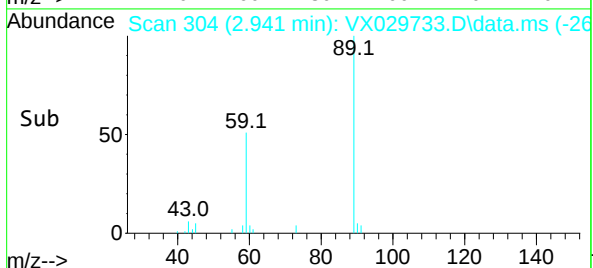
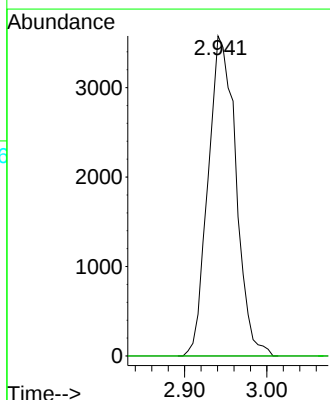
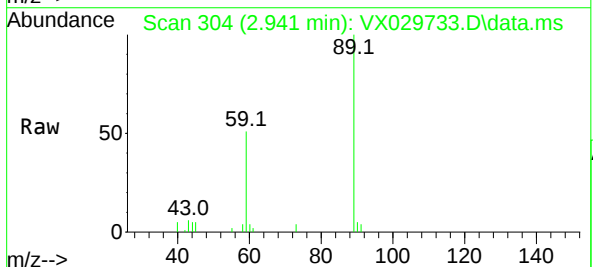
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

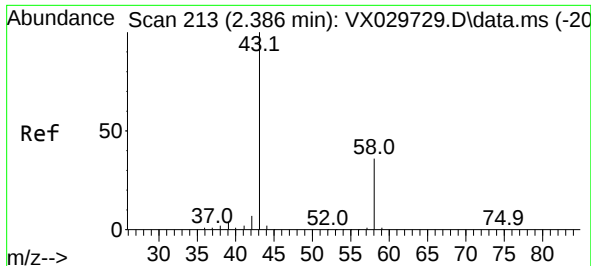
Tgt Ion:142 Resp: 635  
Ion Ratio Lower Upper  
142 100  
127 36.7 33.9 50.9  
141 0.0 11.4 17.2#



#11  
Tert butyl alcohol  
Concen: 1.155 ug/l  
RT: 2.941 min Scan# 304  
Delta R.T. -0.042 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 59 Resp: 8407  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#

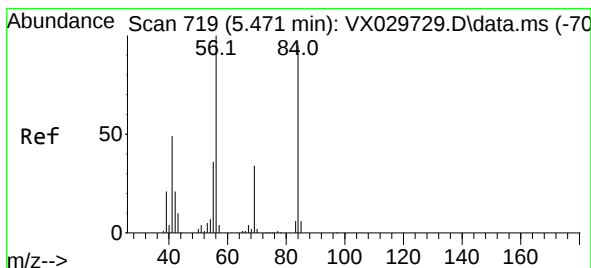
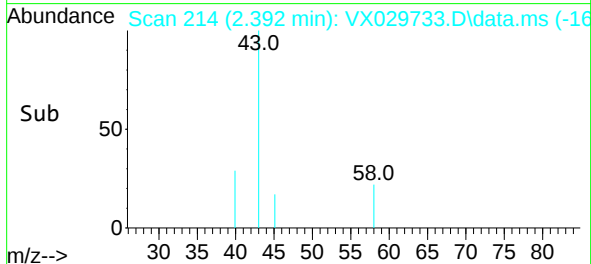
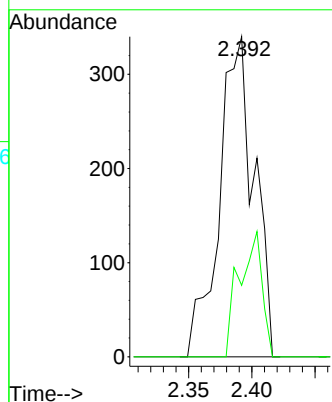
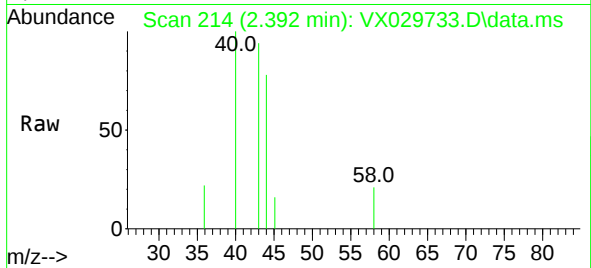




#16  
Acetone  
Concen: 0.438 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

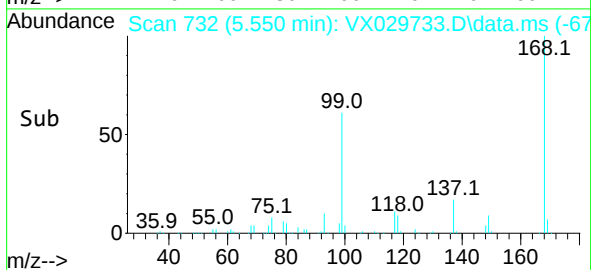
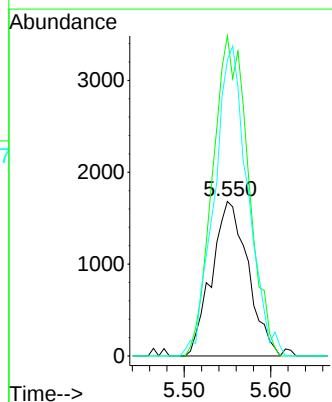
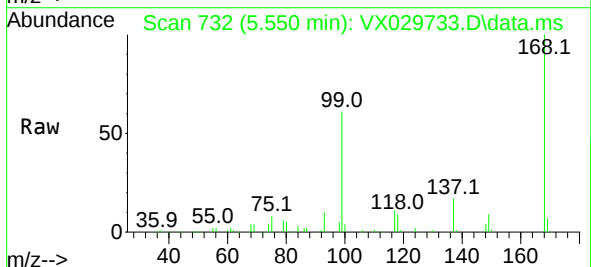
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

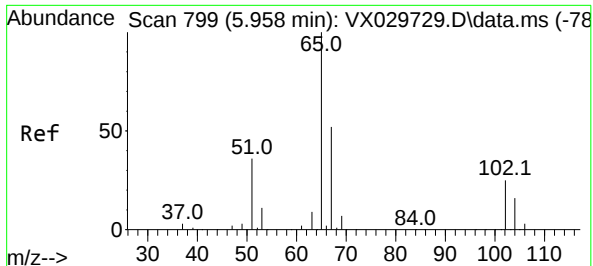
Tgt Ion: 43 Resp: 650  
Ion Ratio Lower Upper  
43 100  
58 22.4 28.8 43.2#



#31  
Cyclohexane  
Concen: 0.980 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.073 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 56 Resp: 4897  
Ion Ratio Lower Upper  
56 100  
69 207.0 26.7 40.1#  
84 191.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 40.476 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029733.D

Acq: 23 Jun 2022 10:51

Instrument :

MSVOA\_X

ClientSampleId :

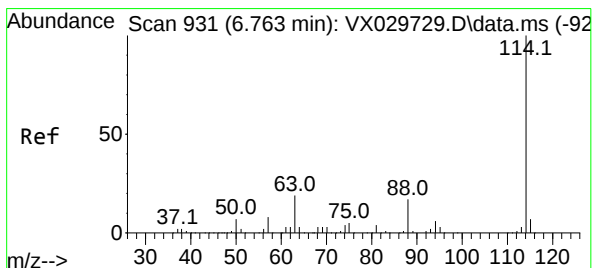
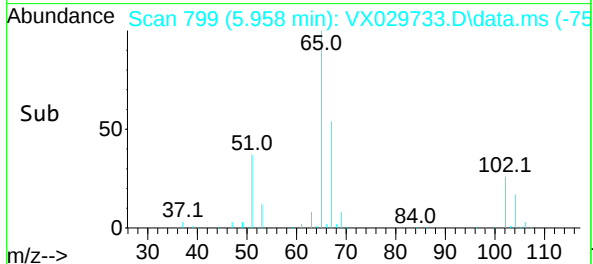
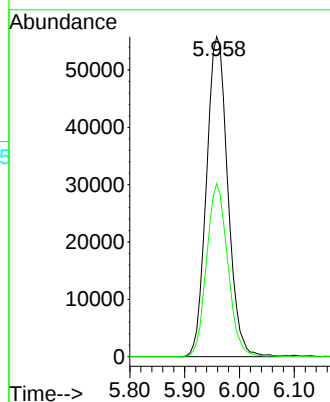
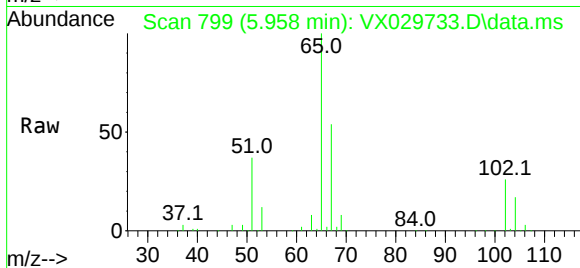
VX0623WBL01

Tgt Ion: 65 Resp: 150633

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029733.D

Acq: 23 Jun 2022 10:51

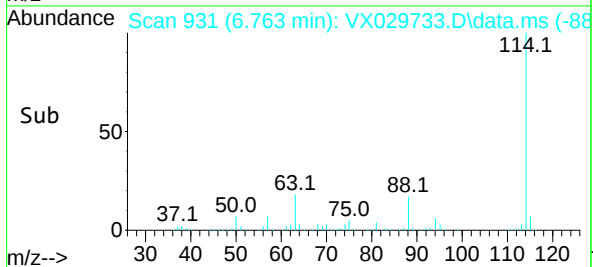
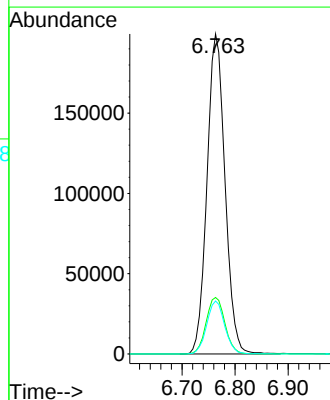
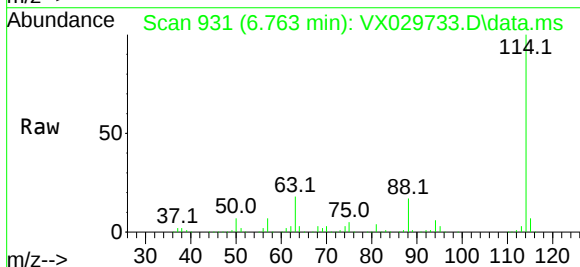
Tgt Ion: 114 Resp: 470205

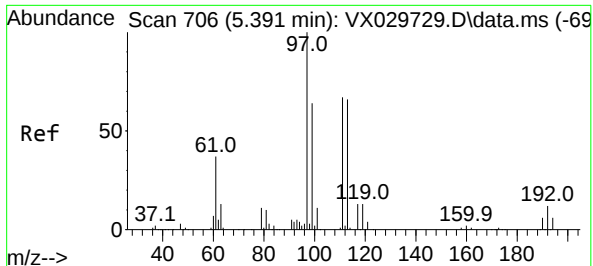
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.492 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029733.D

Acq: 23 Jun 2022 10:51

Instrument :

MSVOA\_X

ClientSampleId :

VX0623WBL01

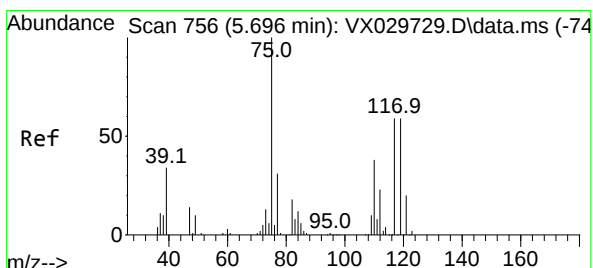
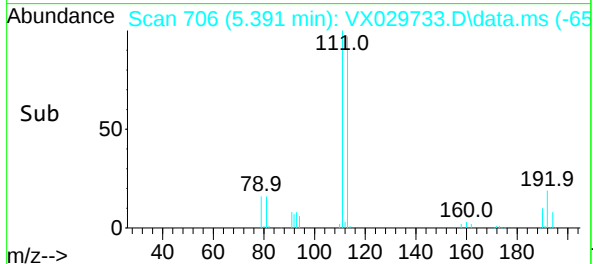
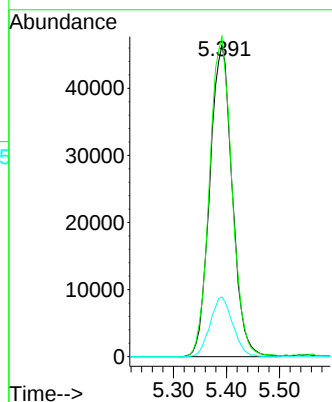
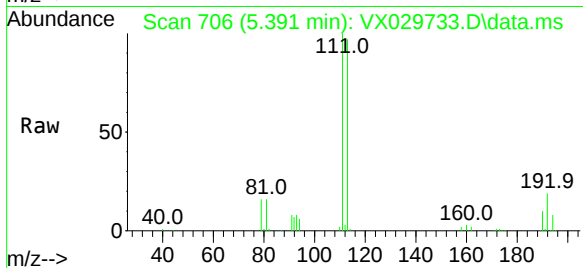
Tgt Ion:113 Resp: 136334

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.925 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029733.D

Acq: 23 Jun 2022 10:51

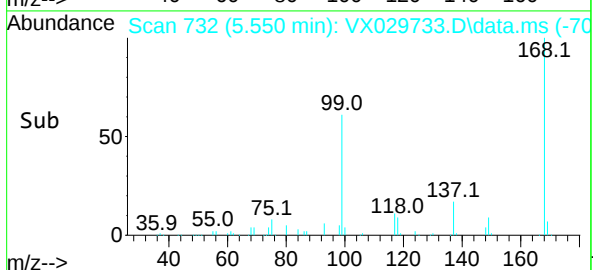
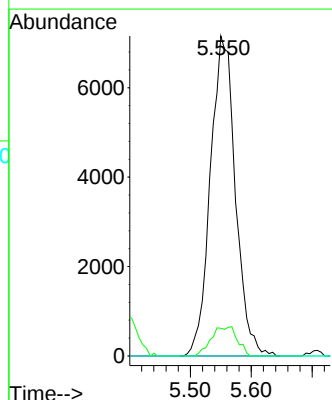
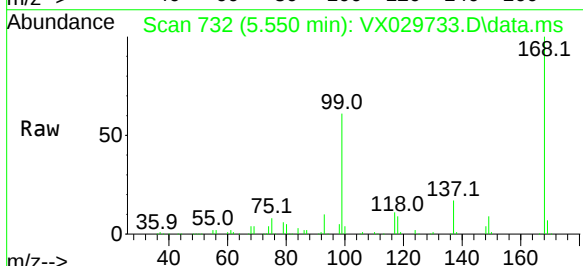
Tgt Ion: 75 Resp: 20427

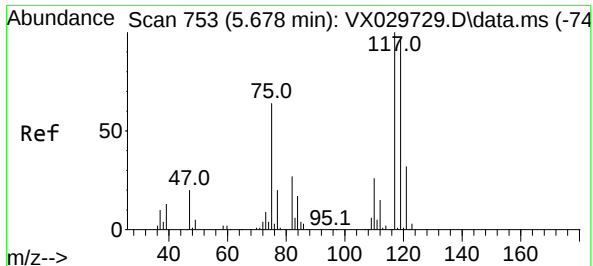
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

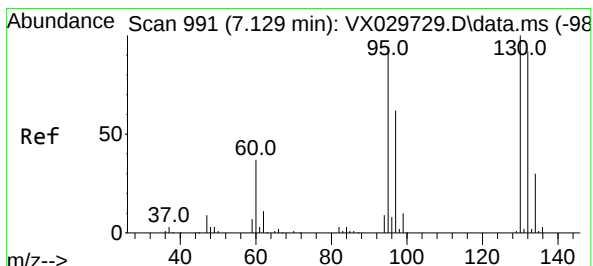
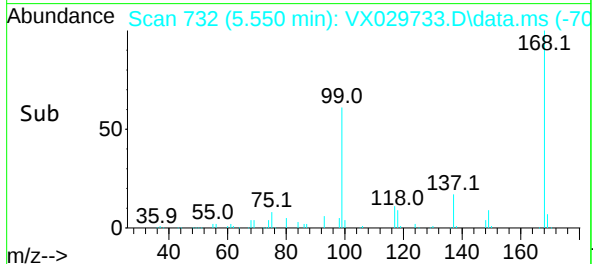
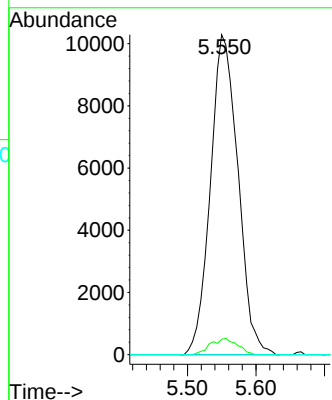
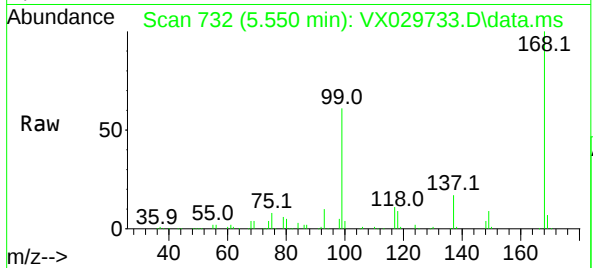




#38  
Carbon Tetrachloride  
Concen: 7.042 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

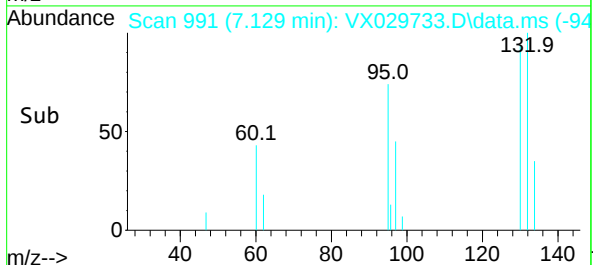
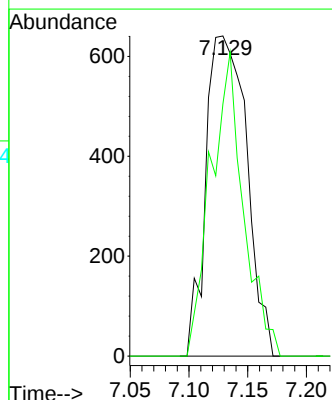
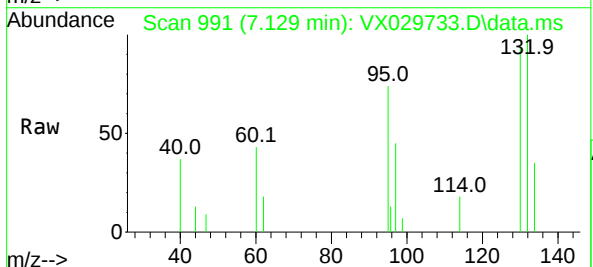
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

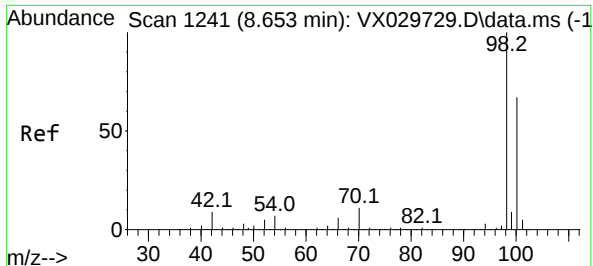
Tgt Ion:117 Resp: 28720  
Ion Ratio Lower Upper  
117 100  
119 4.8 77.3 115.9#  
121 0.0 24.2 36.2#



#44  
Trichloroethene  
Concen: Below Cal  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion:130 Resp: 1547  
Ion Ratio Lower Upper  
130 100  
95 78.8 0.0 188.8

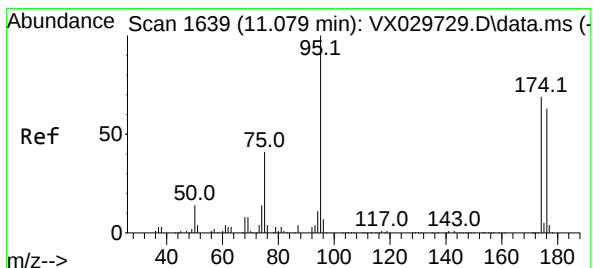
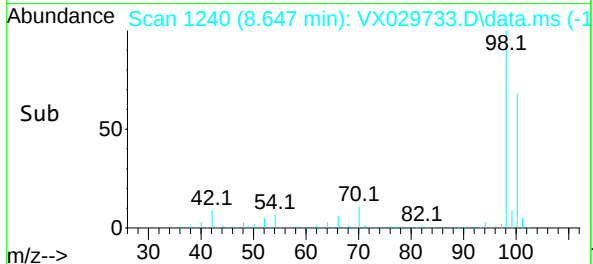
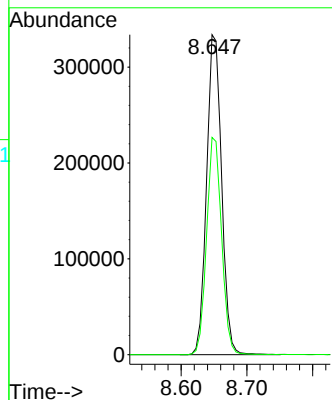
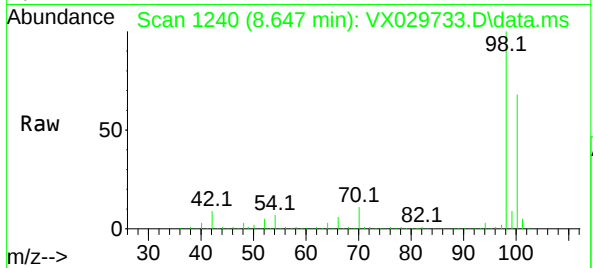




#50  
Toluene-d8  
Concen: 47.375 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

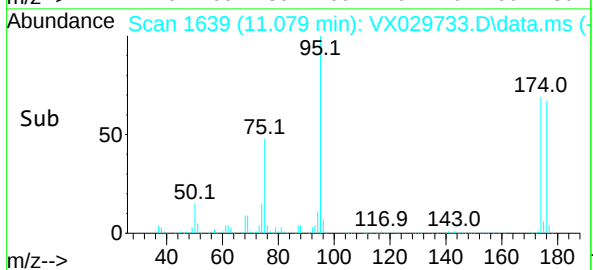
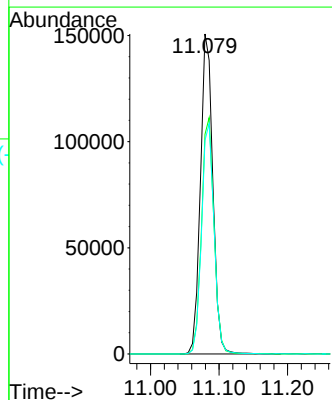
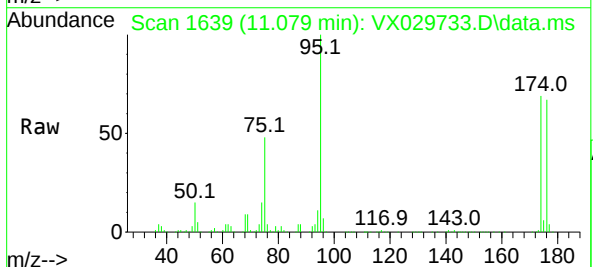
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

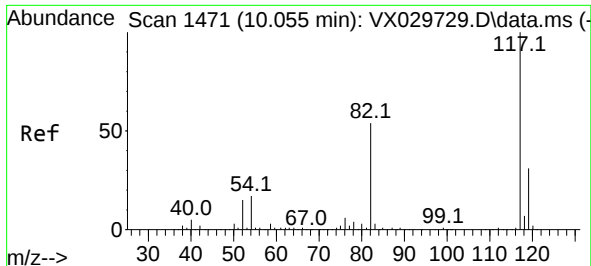
Tgt Ion: 98 Resp: 530331  
Ion Ratio Lower Upper  
98 100  
100 67.8 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 45.052 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 95 Resp: 190188  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 163.0  
176 72.4 0.0 155.0

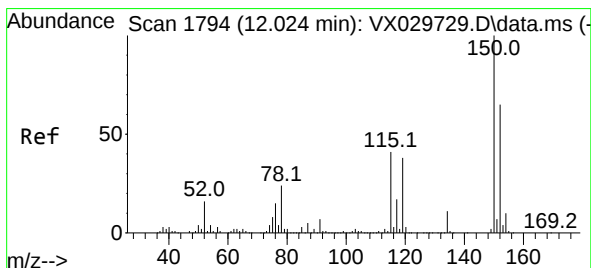
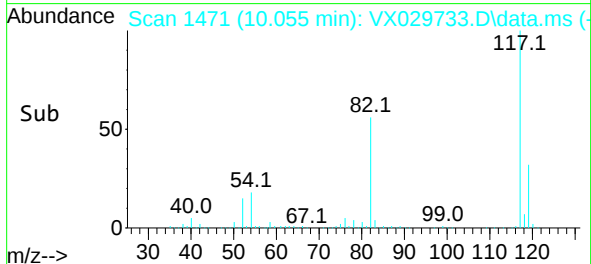
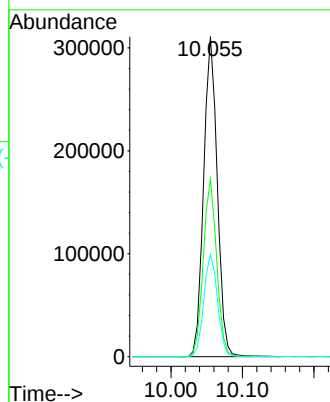
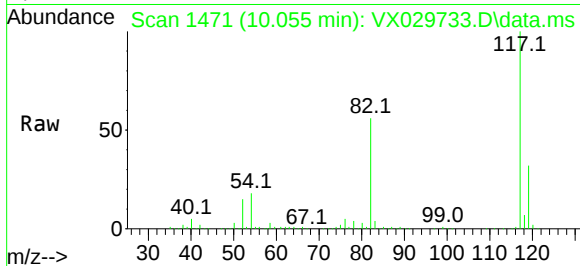




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

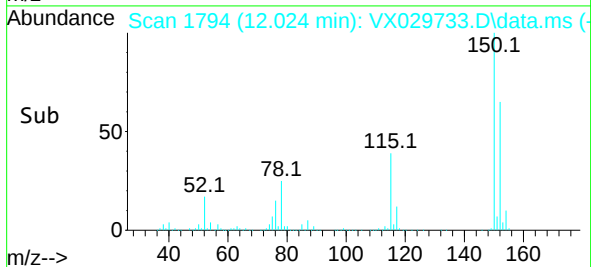
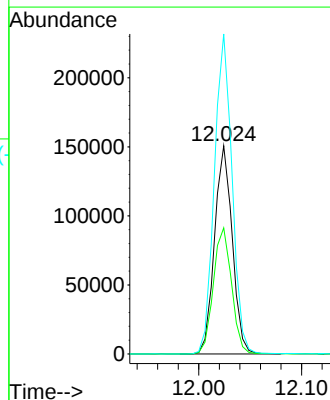
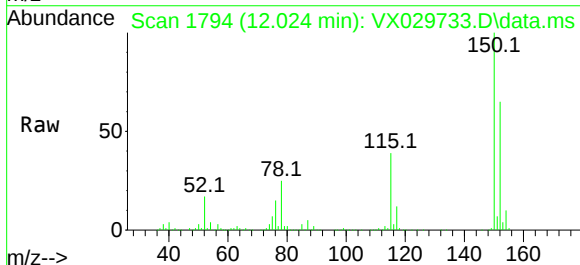
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

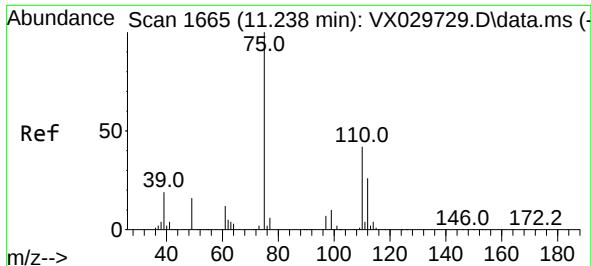
Tgt Ion:117 Resp: 411670  
Ion Ratio Lower Upper  
117 100  
82 55.6 41.8 62.8  
119 31.9 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion:152 Resp: 180208  
Ion Ratio Lower Upper  
152 100  
115 62.3 37.5 112.7  
150 153.7 0.0 338.2

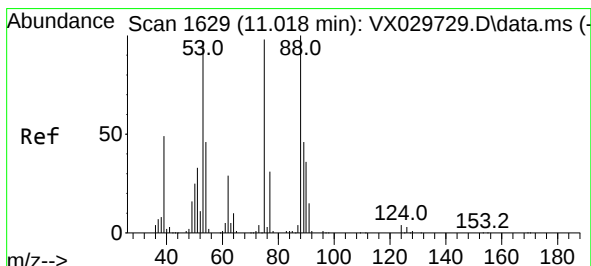
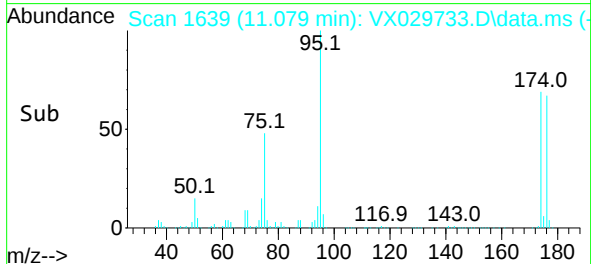
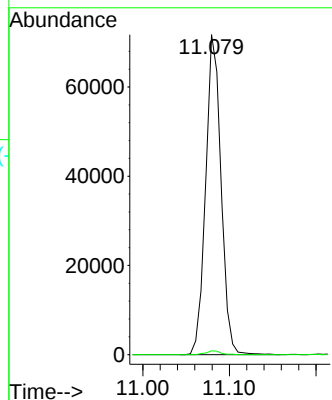
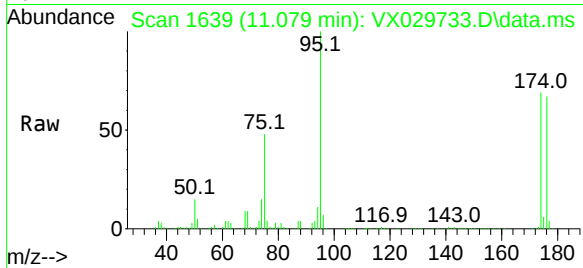




#76  
1,2,3-Trichloropropane  
Concen: 22.528 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0623WBL01

Tgt Ion: 75 Resp: 88439  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 74.943 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX029733.D  
Acq: 23 Jun 2022 10:51

Tgt Ion: 75 Resp: 88439  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

