

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062922\  
 Data File : VX029877.D  
 Acq On : 29 Jun 2022 22:14  
 Operator : JC/MD  
 Sample : VX0629WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0629WBL02

Quant Time: Jun 29 23:03:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

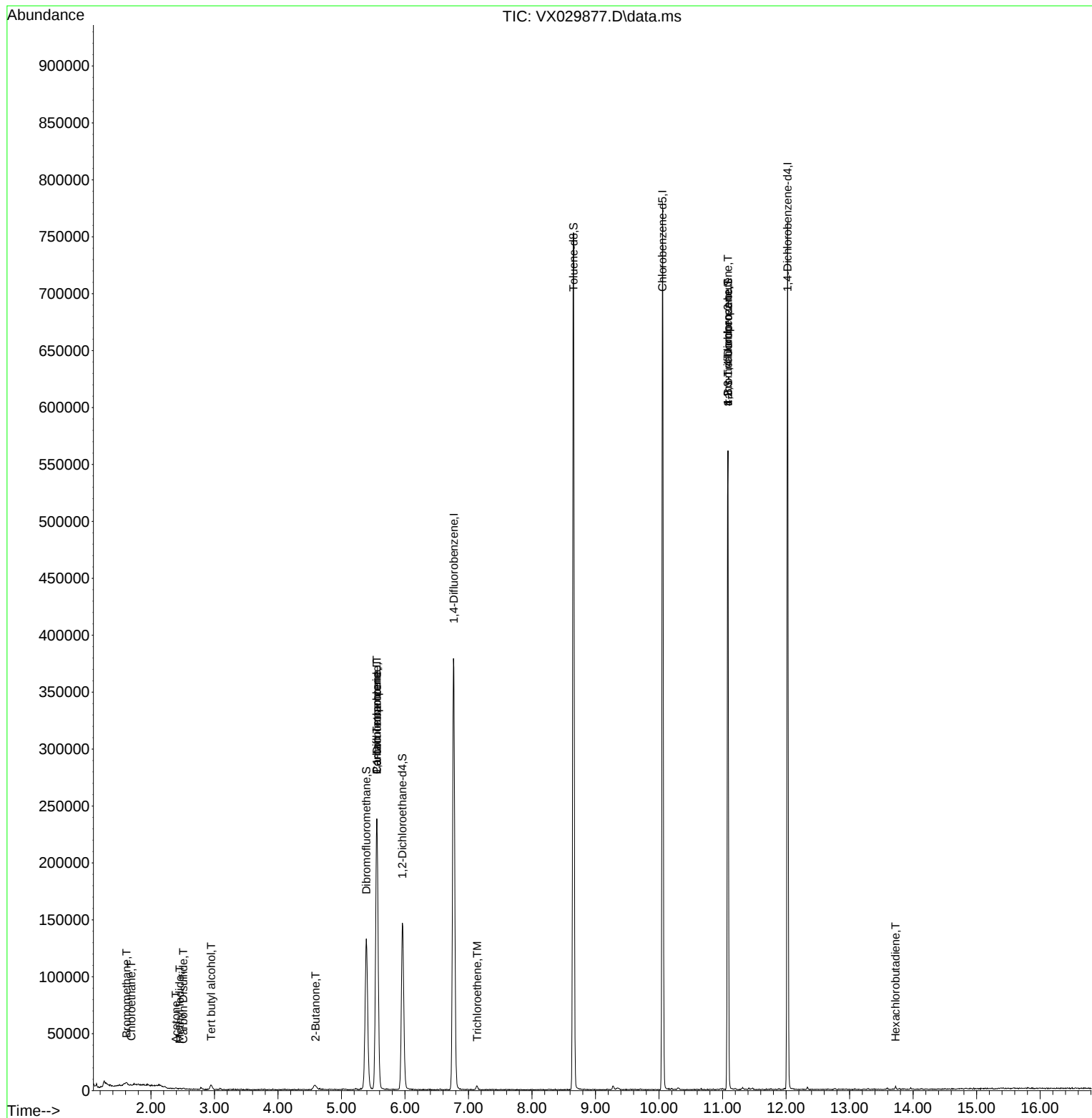
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 235157     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.769          | 114  | 412003     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 355782     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 153635     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 130571     | 43.865    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 87.720%   |        |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 116017     | 45.059    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 90.120%   |        |          |
| 50) Toluene-d8                | 8.653          | 98   | 465197     | 48.160    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 96.320%   |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 157500     | 46.128    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.260%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 1.617          | 94   | 367        | 0.253     | ug/l   | 84       |
| 6) Chloroethane               | 1.691          | 64   | 665        | 1.373     | ug/l # | 84       |
| 10) Methyl Iodide             | 2.453          | 142  | 862        | 2.130     | ug/l # | 89       |
| 11) Tert butyl alcohol        | 2.946          | 59   | 2619       | 3.364     | ug/l # | 74       |
| 13) Acrolein                  | 2.221          | 56   | 22         | Below Cal | #      | 1        |
| 16) Acetone                   | 2.392          | 43   | 1377       | 0.946     | ug/l # | 70       |
| 17) Carbon Disulfide          | 2.508          | 76   | 1287       | 0.214     | ug/l # | 93       |
| 25) 2-Butanone                | 4.593          | 43   | 699        | 0.277     | ug/l # | 48       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 17563      | 5.129     | ug/l # | 48       |
| 38) Carbon Tetrachloride      | 5.556          | 117  | 21982      | 7.408     | ug/l # | 16       |
| 44) Trichloroethene           | 7.135          | 130  | 1186       | 0.398     | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 74011      | 20.124    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 74011      | 63.908    | ug/l # | 13       |
| 94) Hexachlorobutadiene       | 13.725         | 225  | 552        | 0.488     | ug/l   | 89       |
| -----                         |                |      |            |           |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062922\  
Data File : VX029877.D  
Acq On : 29 Jun 2022 22:14  
Operator : JC/MD  
Sample : VX0629WBL02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

Quant Time: Jun 29 23:03:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:54:51 2022  
Response via : Initial Calibration

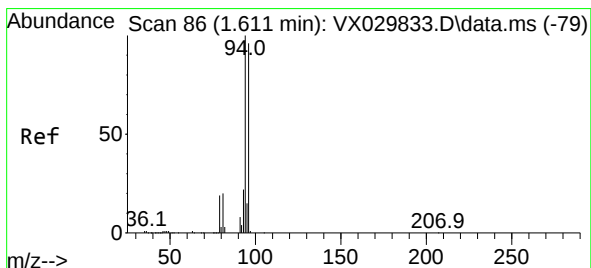
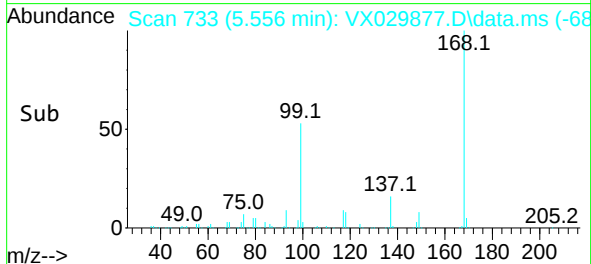
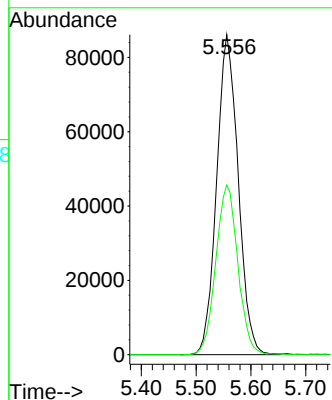
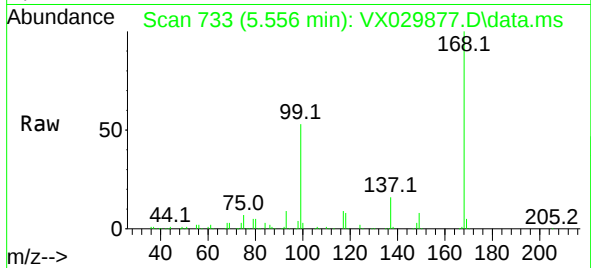




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

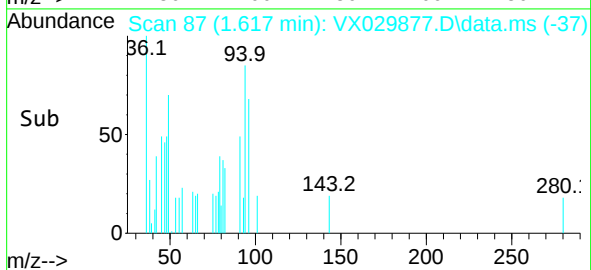
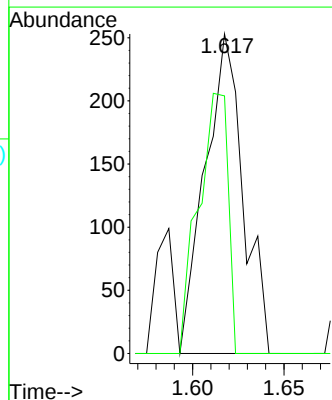
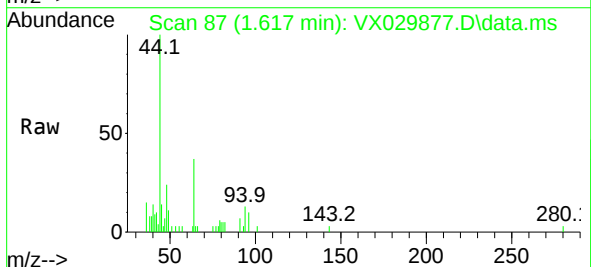
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

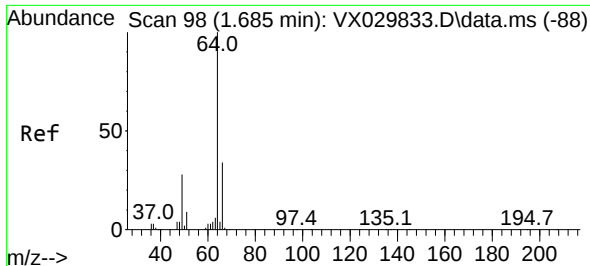
Tgt Ion:168 Resp: 235157  
Ion Ratio Lower Upper  
168 100  
99 53.0 44.0 66.0



#5  
Bromomethane  
Concen: 0.253 ug/l  
RT: 1.617 min Scan# 87  
Delta R.T. 0.006 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 94 Resp: 367  
Ion Ratio Lower Upper  
94 100  
96 80.6 76.9 115.3

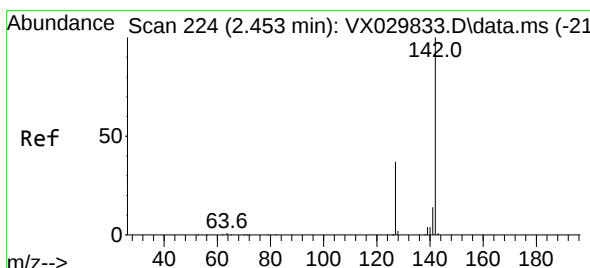
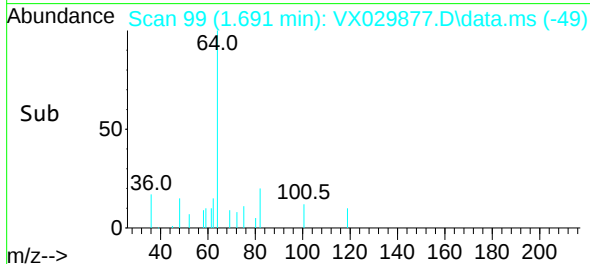
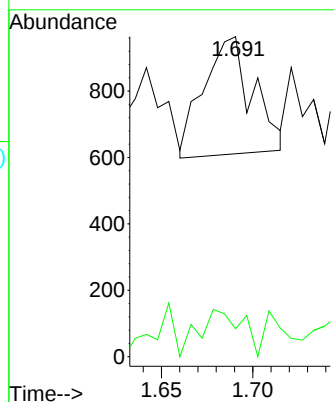
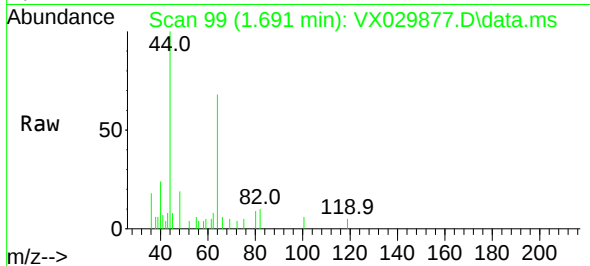




#6  
Chloroethane  
Concen: 1.373 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

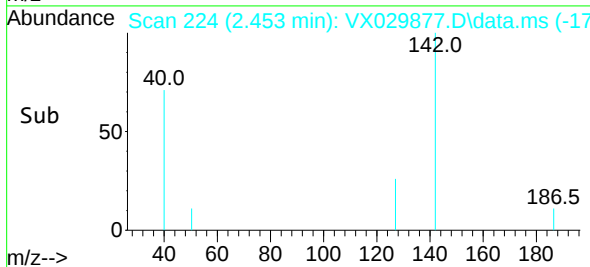
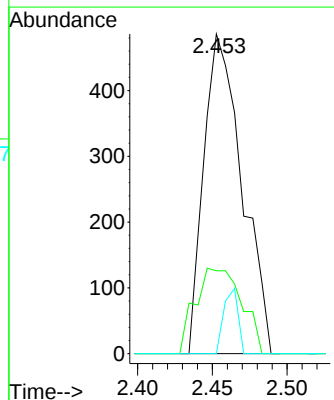
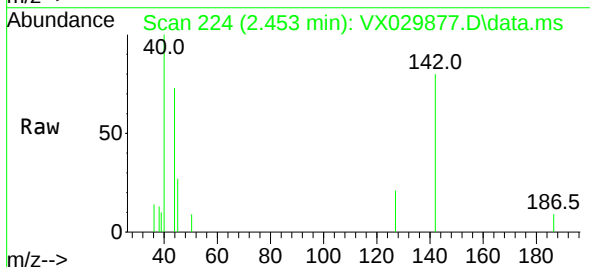
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

Tgt Ion: 64 Resp: 665  
Ion Ratio Lower Upper  
64 100  
66 24.6 27.2 40.8#



#10  
Methyl Iodide  
Concen: 2.130 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 142 Resp: 862  
Ion Ratio Lower Upper  
142 100  
127 32.6 30.2 45.2  
141 7.5 11.3 16.9#

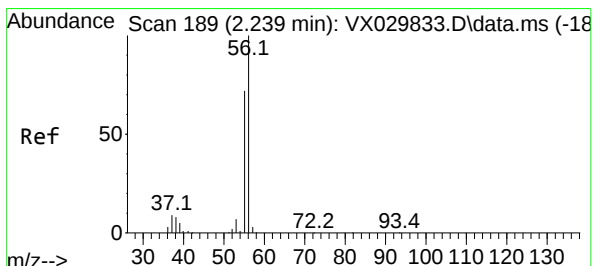
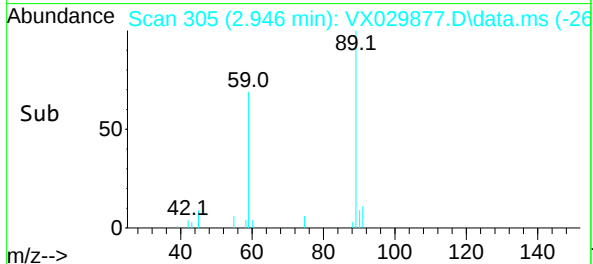
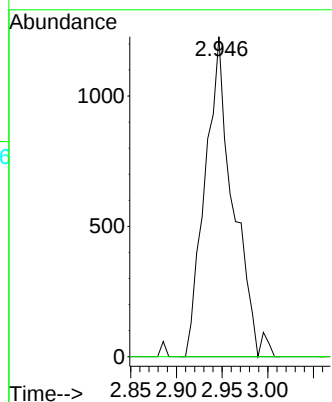
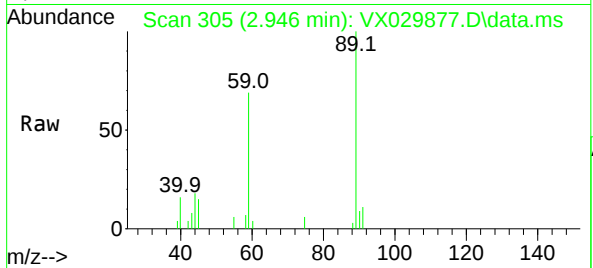




#11  
Tert butyl alcohol  
Concen: 3.364 ug/l  
RT: 2.946 min Scan# 30  
Delta R.T. -0.049 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

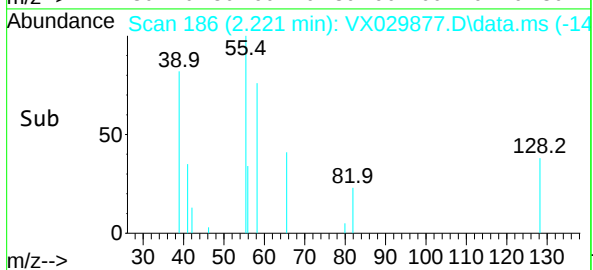
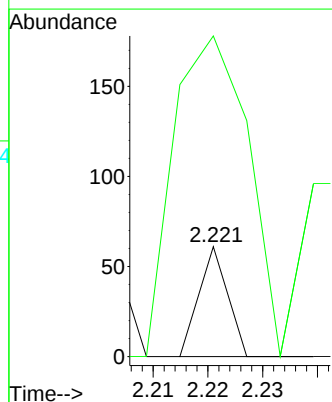
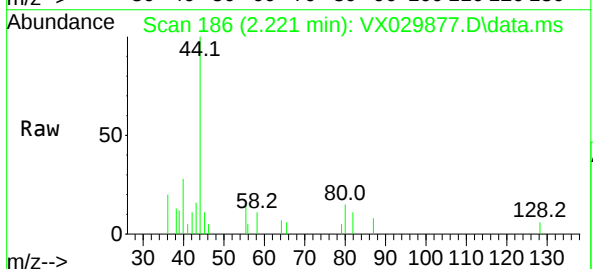
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

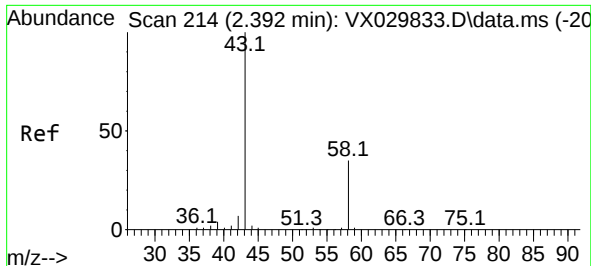
Tgt Ion: 59 Resp: 2619  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.2#



#13  
Acrolein  
Concen: Below Cal  
RT: 2.221 min Scan# 186  
Delta R.T. -0.018 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 56 Resp: 22  
Ion Ratio Lower Upper  
56 100  
55 763.6 56.6 84.8#

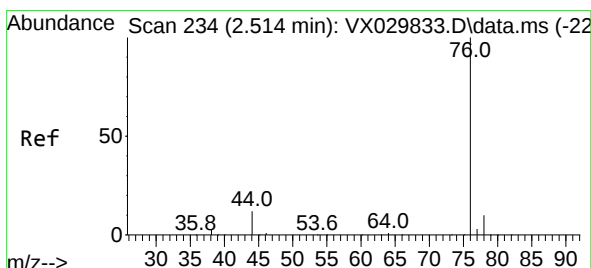
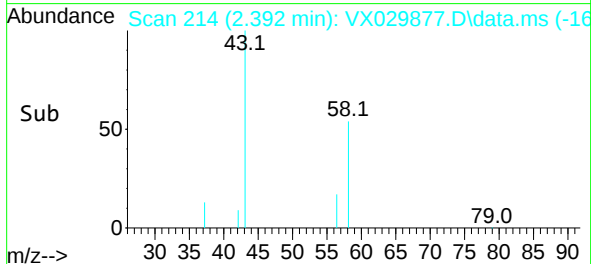
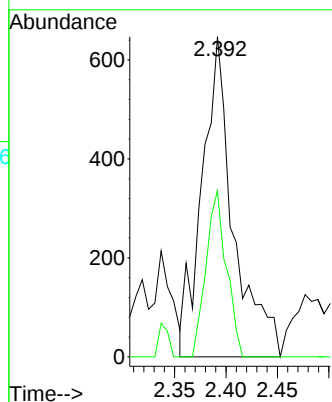
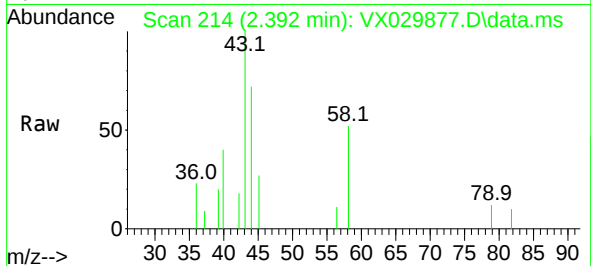




#16  
Acetone  
Concen: 0.946 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

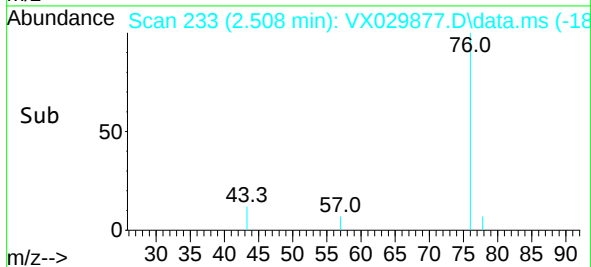
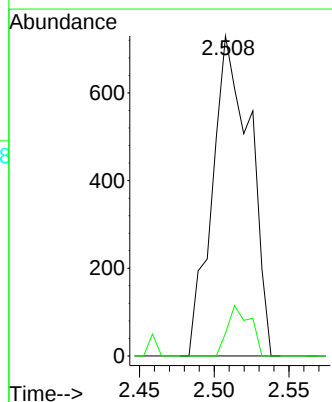
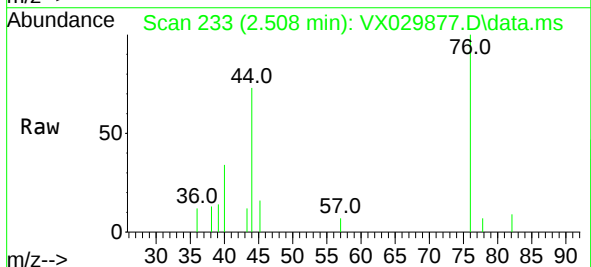
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

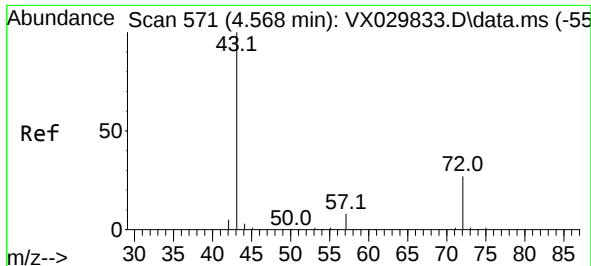
Tgt Ion: 43 Resp: 1377  
Ion Ratio Lower Upper  
43 100  
58 51.9 27.7 41.5#



#17  
Carbon Disulfide  
Concen: 0.214 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 76 Resp: 1287  
Ion Ratio Lower Upper  
76 100  
78 7.1 7.8 11.6#





#25

2-Butanone

Concen: 0.277 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX029877.D

Acq: 29 Jun 2022 22:14

Instrument :

MSVOA\_X

ClientSampleId :

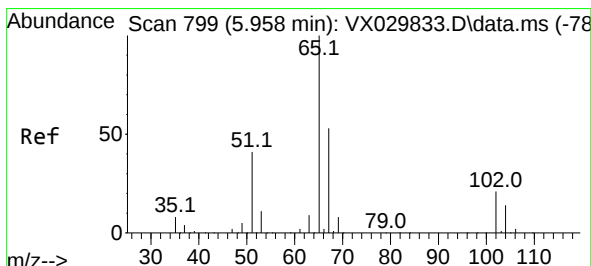
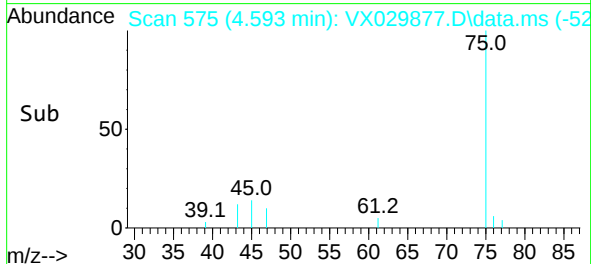
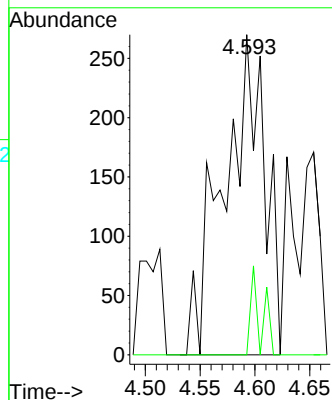
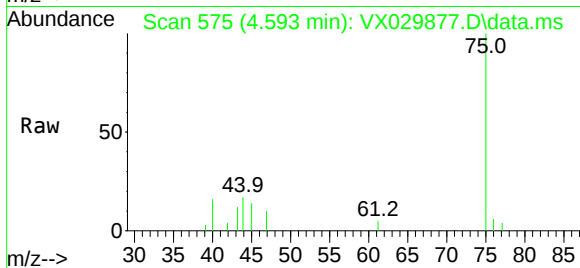
VX0629WBL02

Tgt Ion: 43 Resp: 699

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 43.865 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029877.D

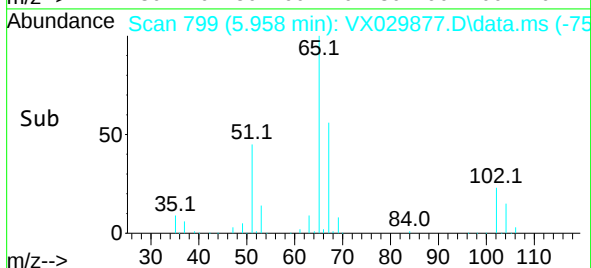
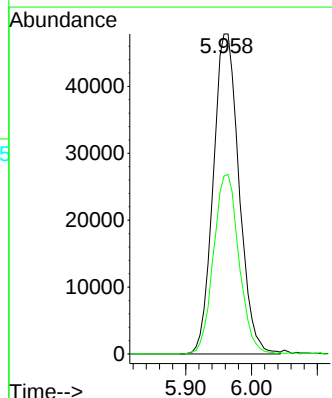
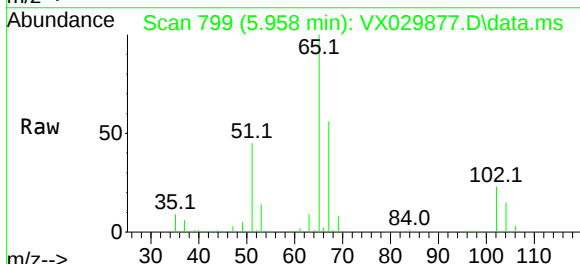
Acq: 29 Jun 2022 22:14

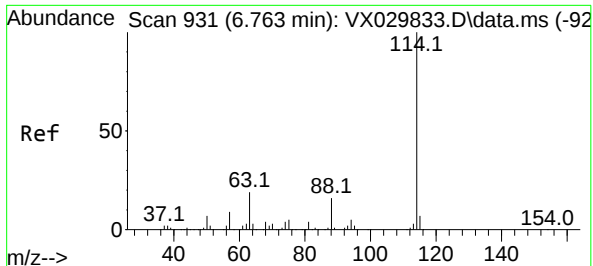
Tgt Ion: 65 Resp: 130571

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX029877.D

Acq: 29 Jun 2022 22:14

Instrument :

MSVOA\_X

ClientSampleId :

VX0629WBL02

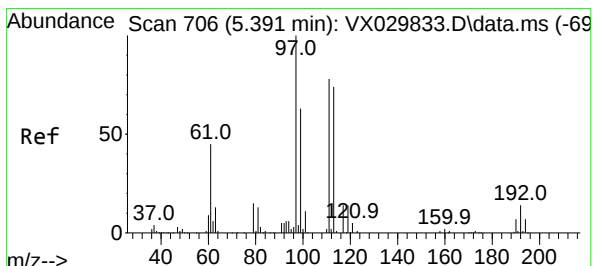
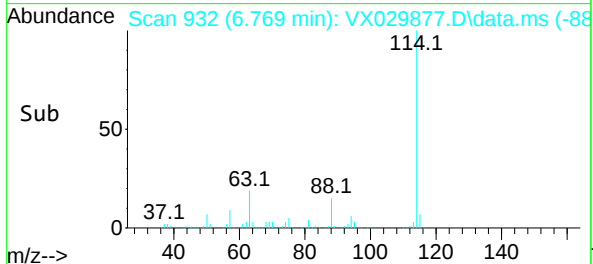
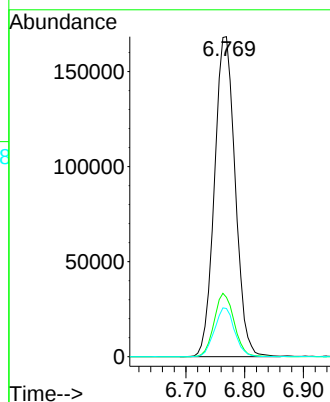
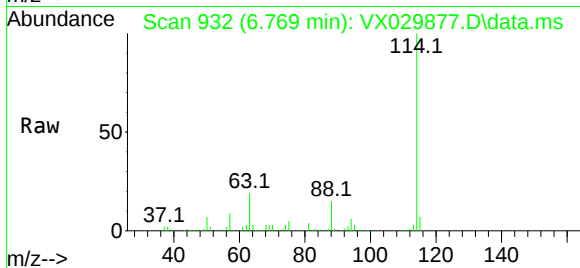
Tgt Ion:114 Resp: 412003

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.059 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029877.D

Acq: 29 Jun 2022 22:14

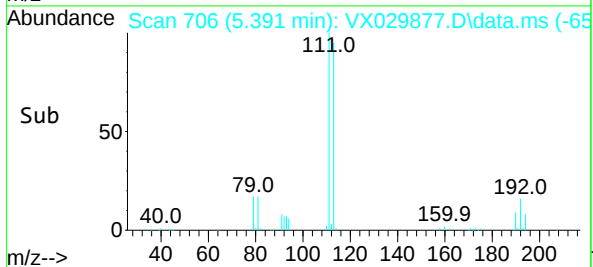
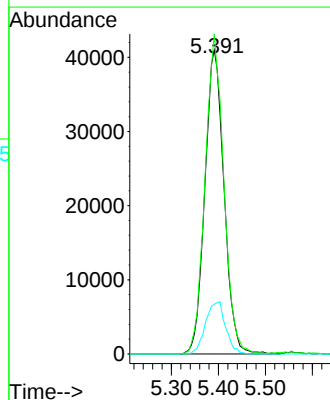
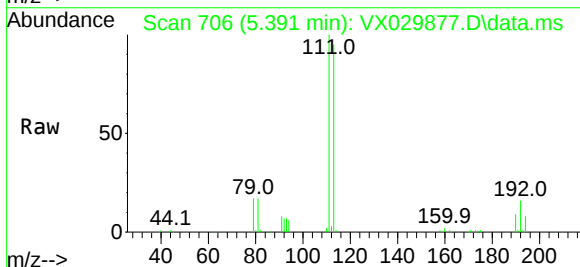
Tgt Ion:113 Resp: 116017

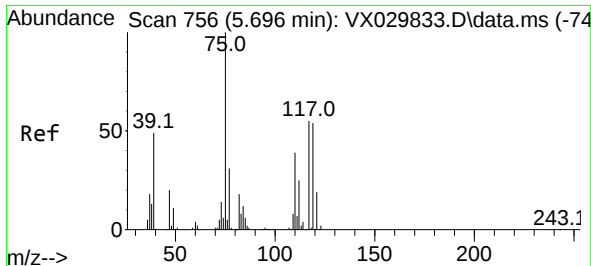
Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 17.9 14.8 22.2

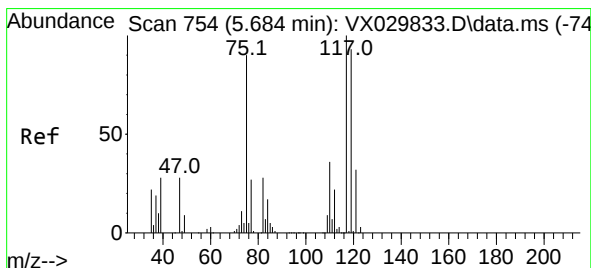
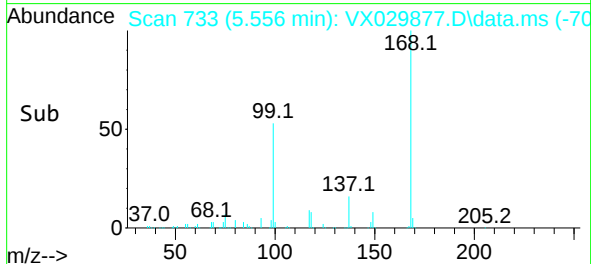
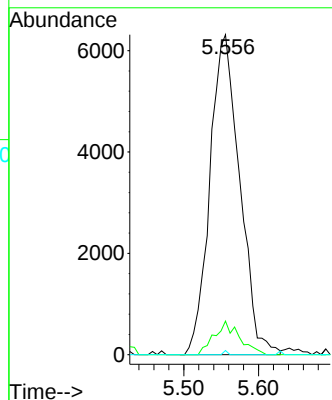
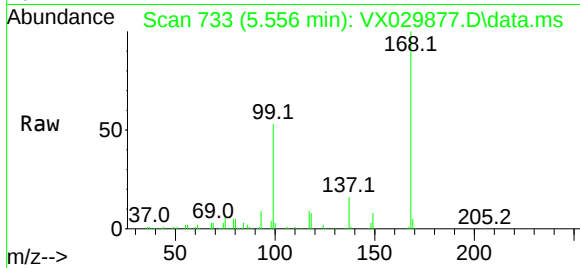




#36  
1,1-Dichloropropene  
Concen: 5.129 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.140 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

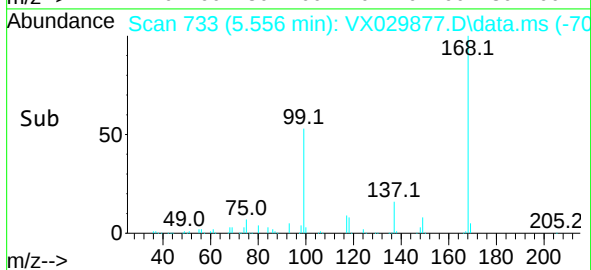
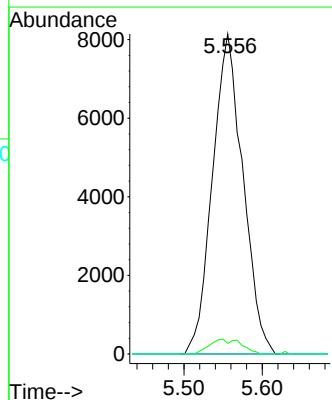
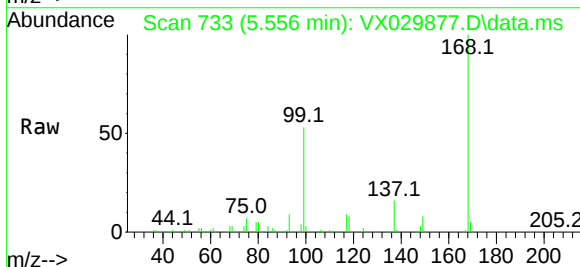
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

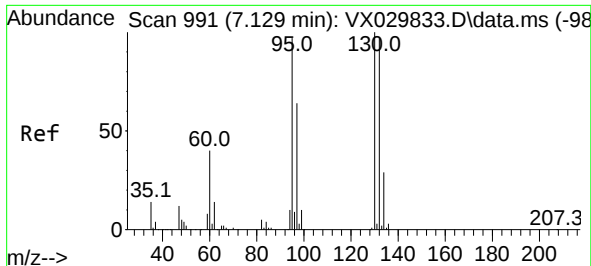
Tgt Ion: 75 Resp: 17563  
Ion Ratio Lower Upper  
75 100  
110 8.8 19.3 57.9#  
77 0.2 24.4 36.6#



#38  
Carbon Tetrachloride  
Concen: 7.408 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 117 Resp: 21982  
Ion Ratio Lower Upper  
117 100  
119 3.3 74.1 111.1#  
121 0.0 25.8 38.8#

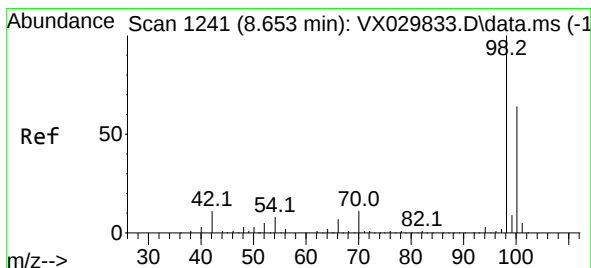
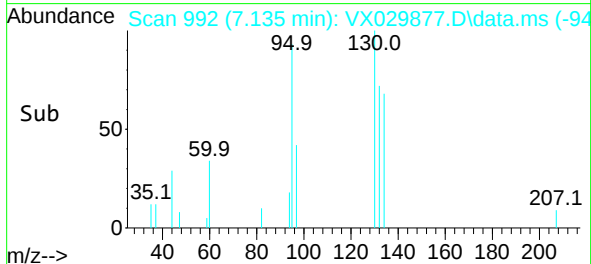
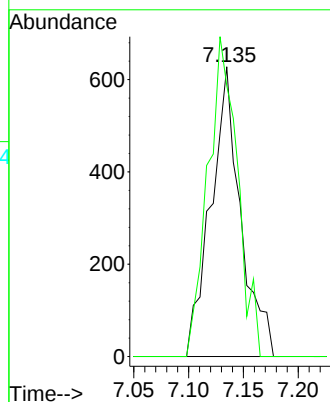
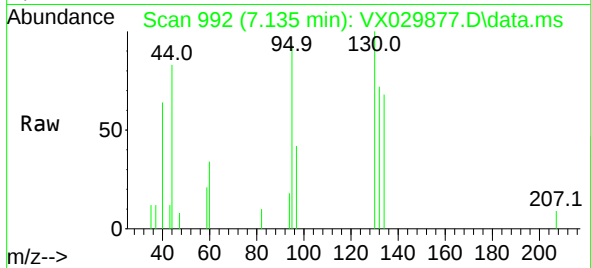




#44  
 Trichloroethene  
 Concen: 0.398 ug/l  
 RT: 7.135 min Scan# 991  
 Delta R.T. 0.006 min  
 Lab File: VX029877.D  
 Acq: 29 Jun 2022 22:14

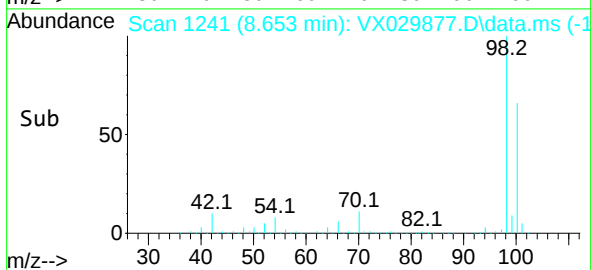
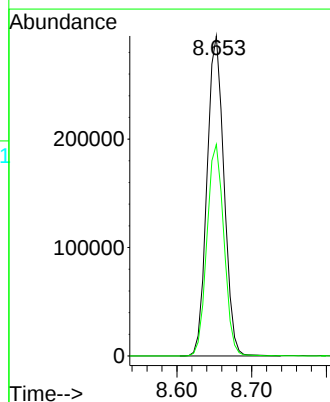
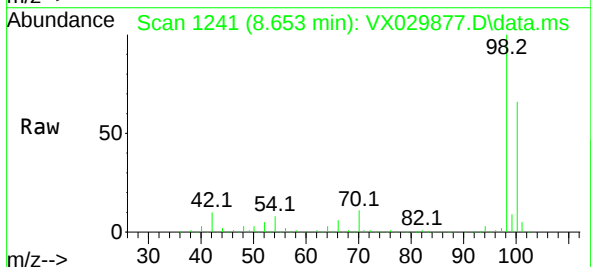
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0629WBL02

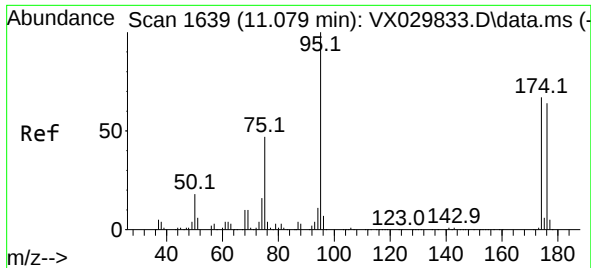
Tgt Ion:130 Resp: 1186  
 Ion Ratio Lower Upper  
 130 100  
 95 93.5 0.0 194.8



#50  
 Toluene-d8  
 Concen: 48.160 ug/l  
 RT: 8.653 min Scan# 1241  
 Delta R.T. -0.000 min  
 Lab File: VX029877.D  
 Acq: 29 Jun 2022 22:14

Tgt Ion: 98 Resp: 465197  
 Ion Ratio Lower Upper  
 98 100  
 100 66.1 52.3 78.5

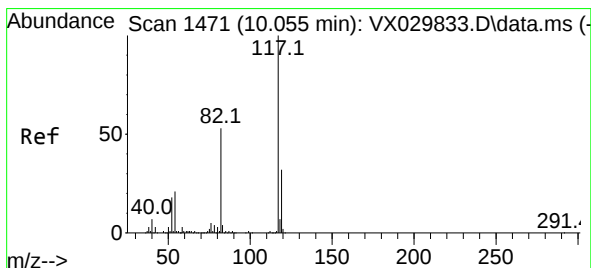
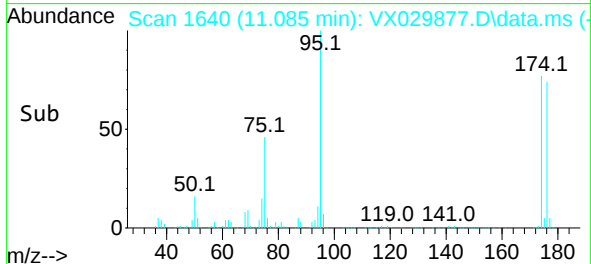
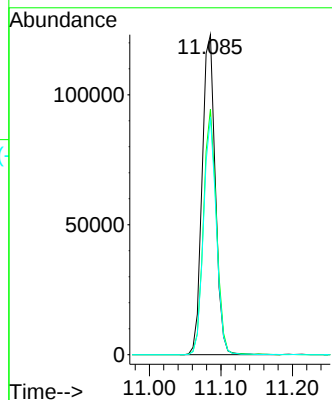
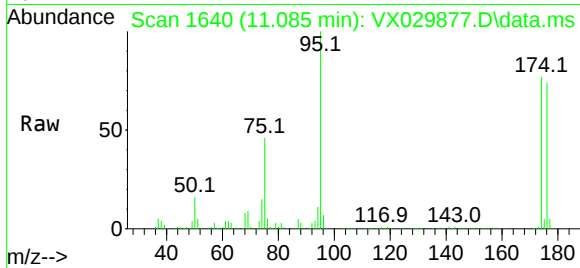




#62  
4-Bromofluorobenzene  
Concen: 46.128 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

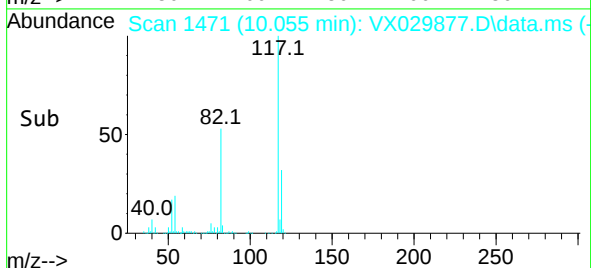
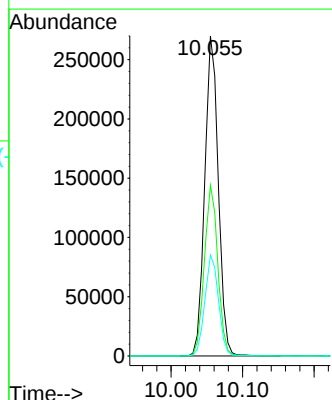
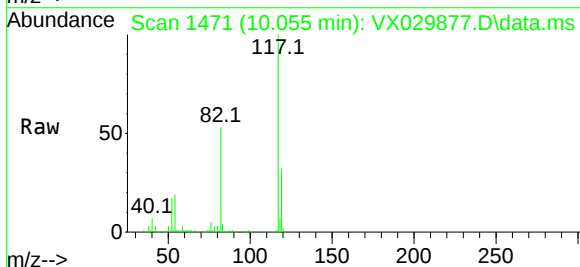
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

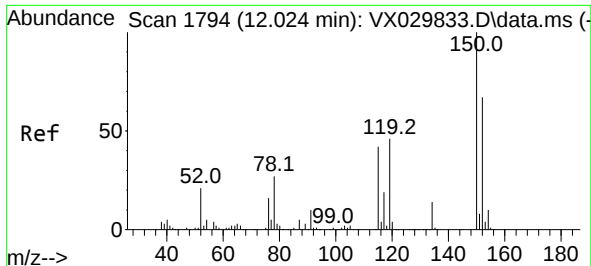
Tgt Ion: 95 Resp: 157500  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 149.0  
176 72.0 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 117 Resp: 355782  
Ion Ratio Lower Upper  
117 100  
82 53.3 42.7 64.1  
119 31.6 25.4 38.2

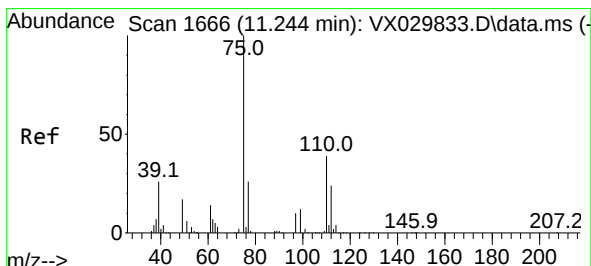
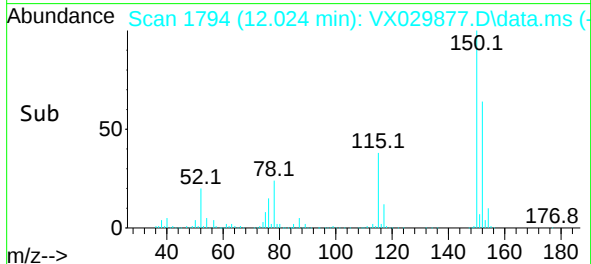
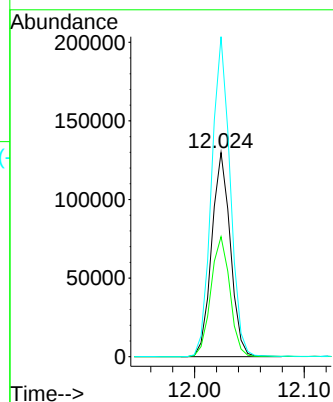
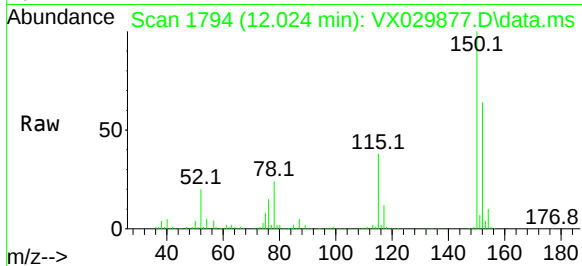




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX029877.D  
 Acq: 29 Jun 2022 22:14

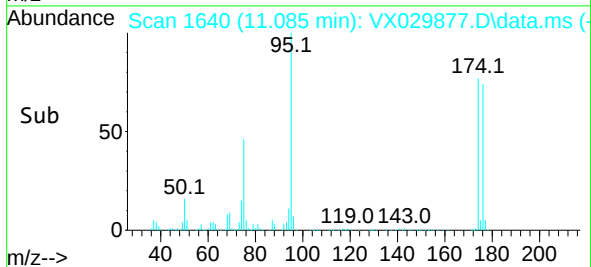
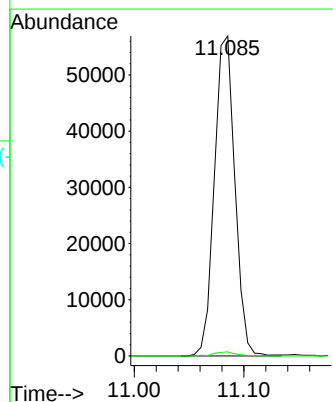
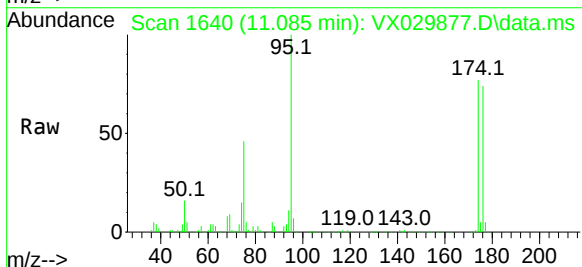
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0629WBL02

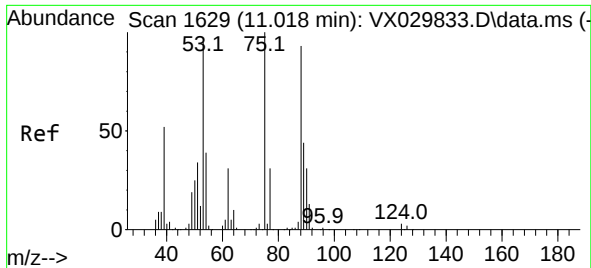
Tgt Ion:152 Resp: 153635  
 Ion Ratio Lower Upper  
 152 100  
 115 59.9 40.5 121.5  
 150 155.9 0.0 347.0



#76  
 1,2,3-Trichloropropane  
 Concen: 20.124 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX029877.D  
 Acq: 29 Jun 2022 22:14

Tgt Ion: 75 Resp: 74011  
 Ion Ratio Lower Upper  
 75 100  
 77 1.4 19.8 59.3#

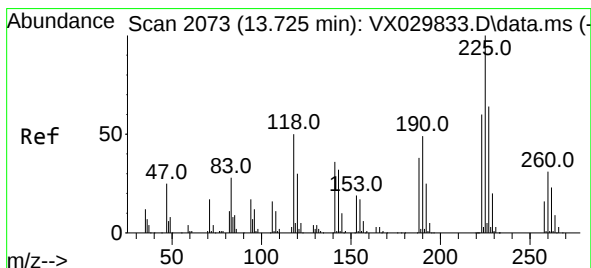
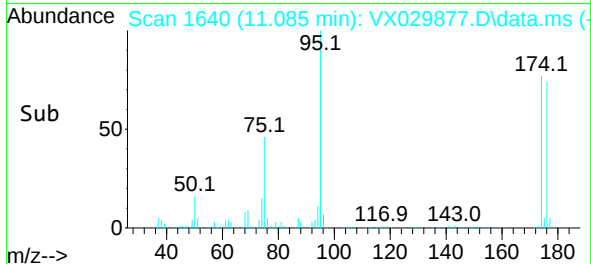
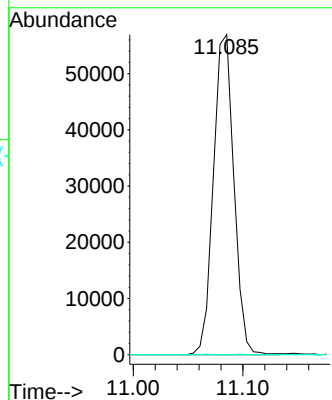
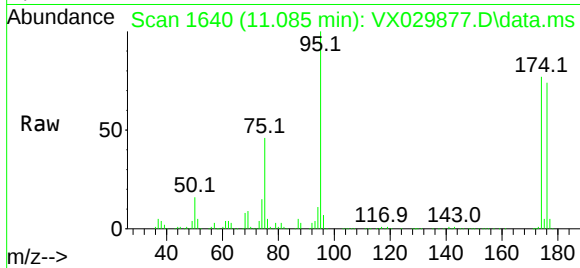




#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.908 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.067 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0629WBL02

Tgt Ion: 75 Resp: 74011  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.2 111.4#  
89 0.1 34.8 52.2#



#94  
Hexachlorobutadiene  
Concen: 0.488 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX029877.D  
Acq: 29 Jun 2022 22:14

Tgt Ion: 225 Resp: 552  
Ion Ratio Lower Upper  
225 100  
223 52.2 30.6 91.6  
227 56.0 31.9 95.9

