

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110823\  
 Data File : VX038644.D  
 Acq On : 08 Nov 2023 10:04  
 Operator : JC/MD  
 Sample : VX1108MBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1108WBL01

Quant Time: Nov 09 01:17:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 08 03:19:07 2023  
 Response via : Initial Calibration

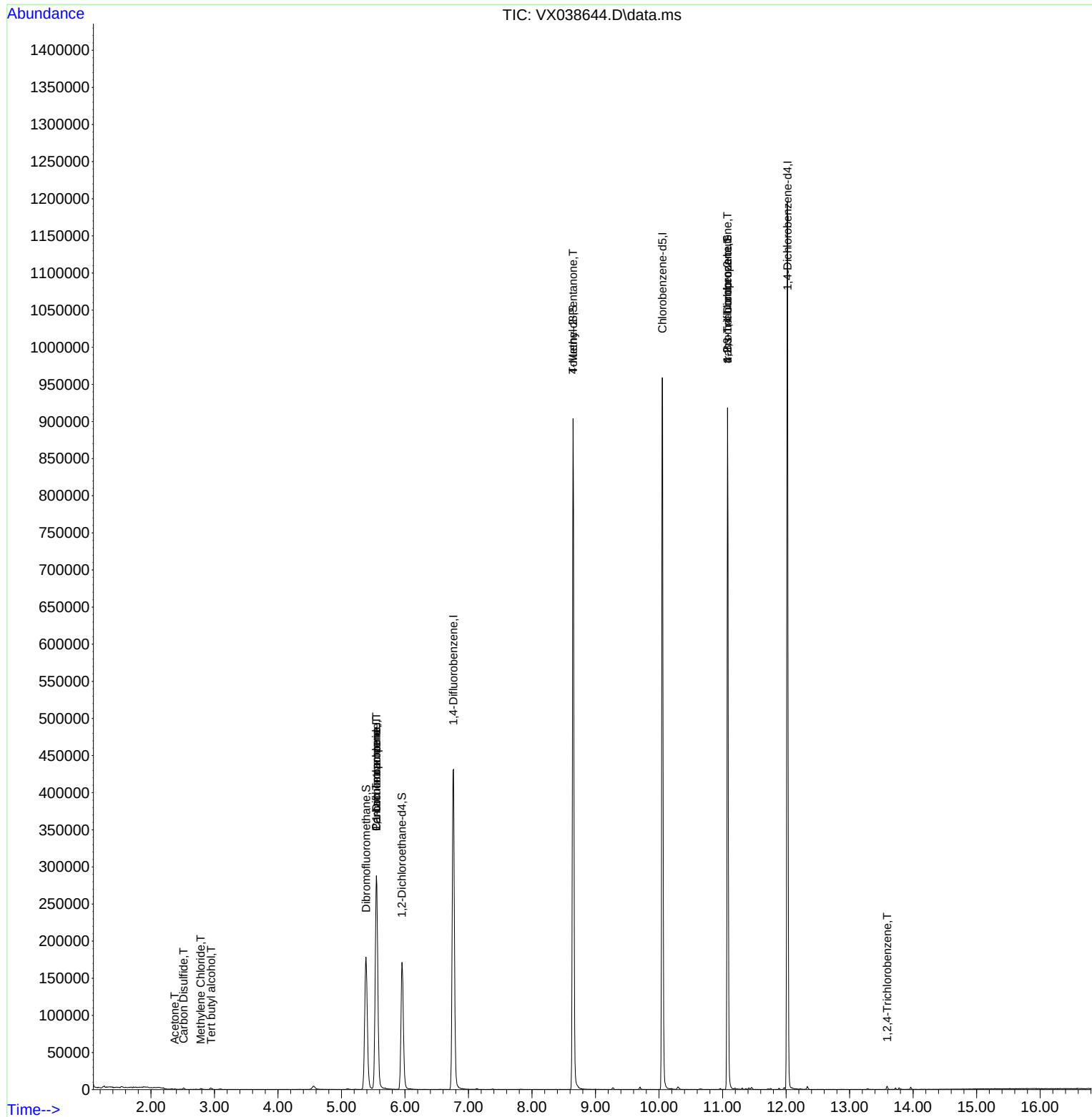
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 292722   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 482540   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 492453   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 273989   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 169259   | 46.445   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 92.900%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 157414   | 45.294   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 90.580%  |
| 50) Toluene-d8                | 8.647  | 98    | 569307   | 45.778   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 91.560%# |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 240389   | 49.855   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 99.720%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 2.947  | 59    | 1135     | 1.524    | ug/l   | # 78     |
| 16) Acetone                   | 2.374  | 43    | 502      | 0.327    | ug/l   | # 82     |
| 17) Carbon Disulfide          | 2.514  | 76    | 2218     | 0.306    | ug/l   | 98       |
| 20) Methylene Chloride        | 2.782  | 84    | 678      | 0.219    | ug/l   | # 82     |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 19663    | 4.555    | ug/l   | # 51     |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 28007    | 5.803    | ug/l   | # 14     |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1990     | 0.451    | ug/l   | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 118353   | 21.811   | ug/l   | # 38     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 118353   | 66.013   | ug/l   | # 5      |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180   | 1444     | 0.234    | ug/l   | 95       |
| -----                         |        |       |          |          |        |          |

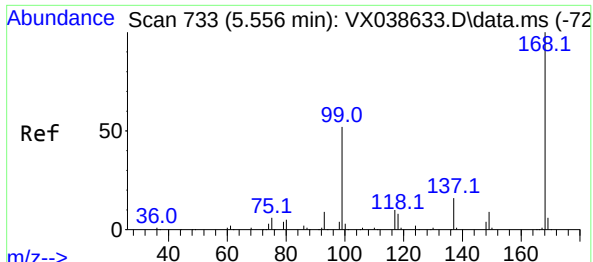
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110823\  
Data File : VX038644.D  
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Sample : VX1108MBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

Quant Time: Nov 09 01:17:51 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X110723W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 08 03:19:07 2023  
Response via : Initial Calibration

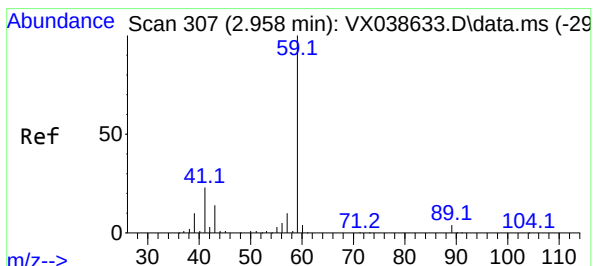
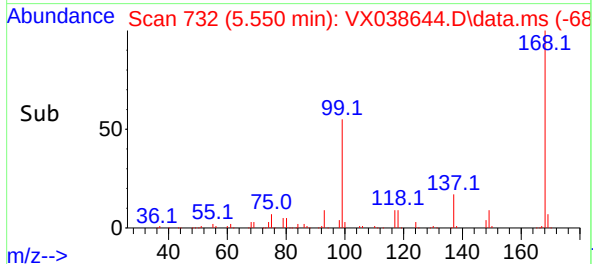
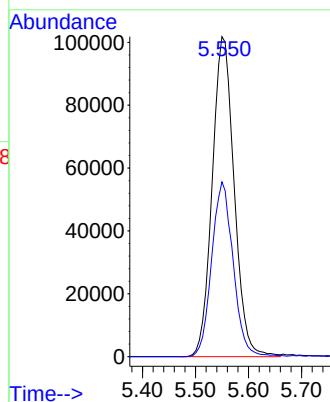
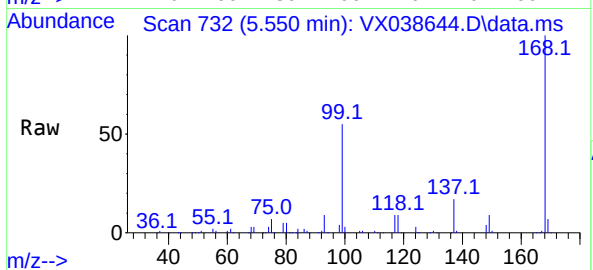




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

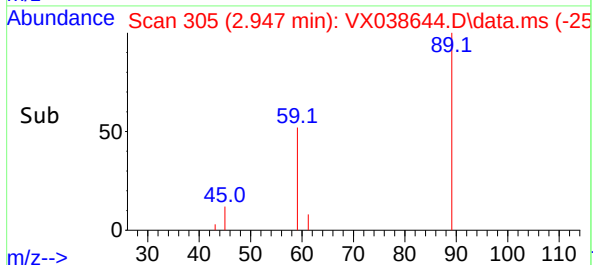
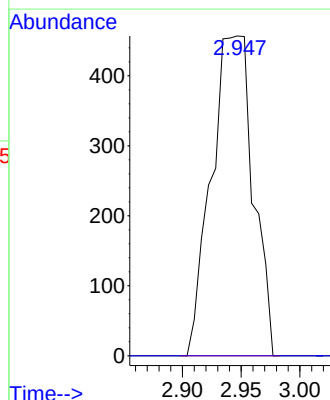
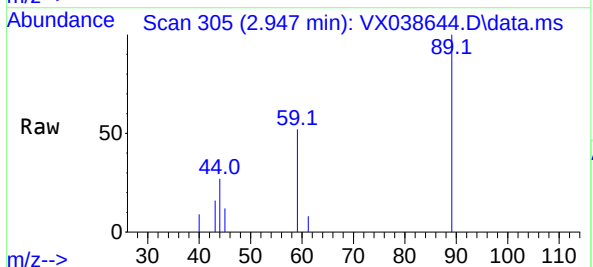
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

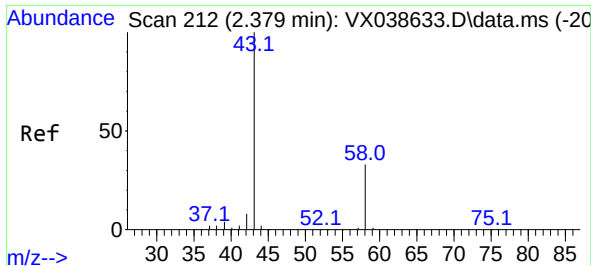
Tgt Ion:168 Resp: 292722  
Ion Ratio Lower Upper  
168 100  
99 54.6 56.6 85.0#



#11  
Tert butyl alcohol  
Concen: 1.524 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.012 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 59 Resp: 1135  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.0 9.0#

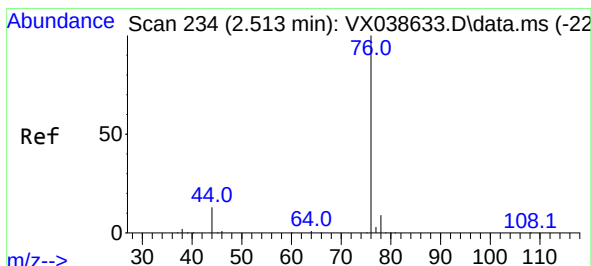
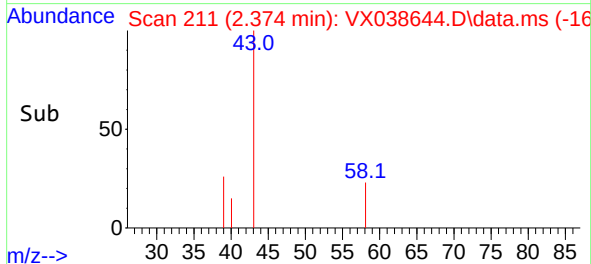
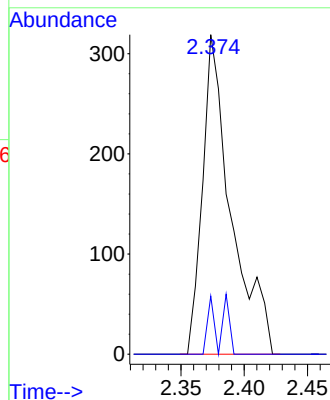
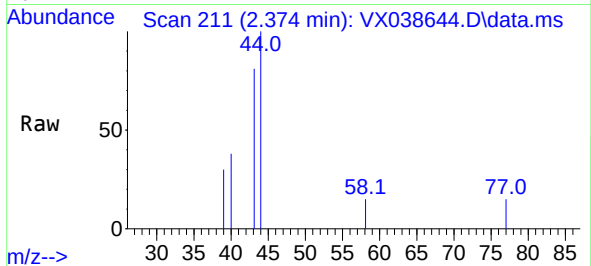




#16  
Acetone  
Concen: 0.327 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

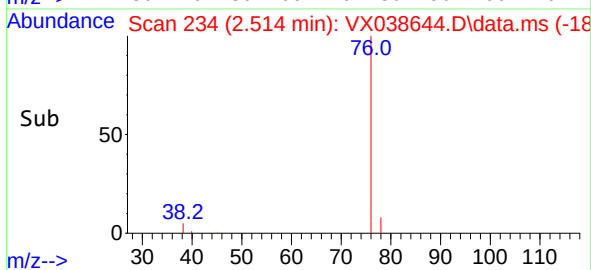
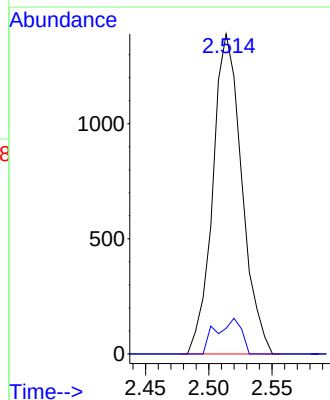
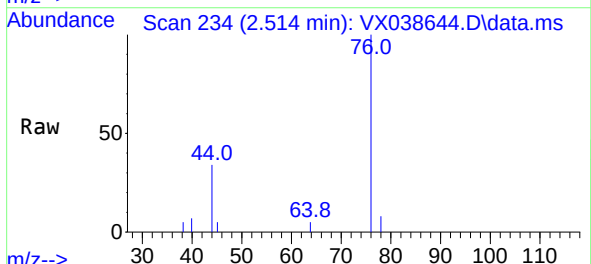
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

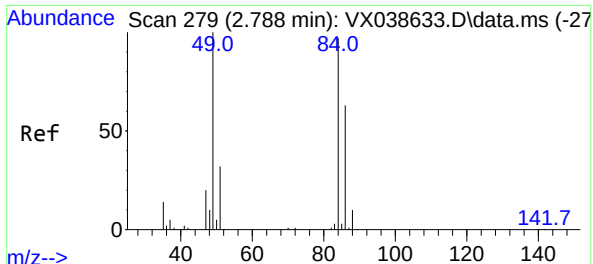
Tgt Ion: 43 Resp: 502  
Ion Ratio Lower Upper  
43 100  
58 18.2 21.9 32.9#



#17  
Carbon Disulfide  
Concen: 0.306 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

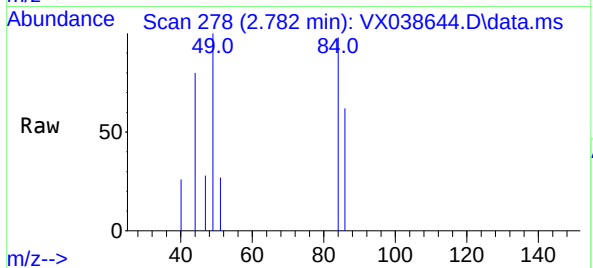
Tgt Ion: 76 Resp: 2218  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.0 10.6



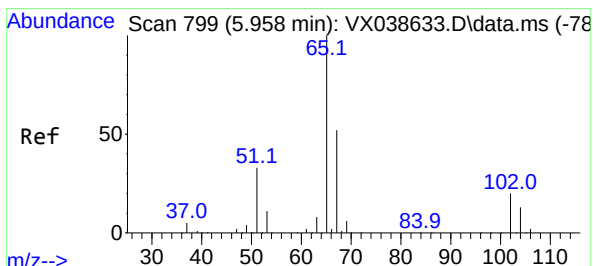
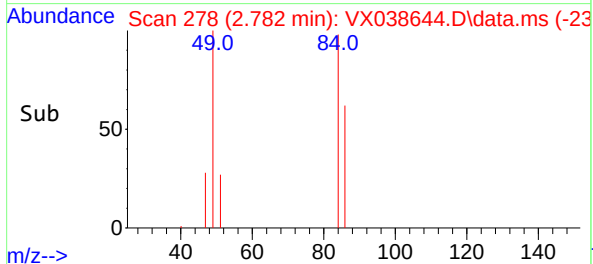
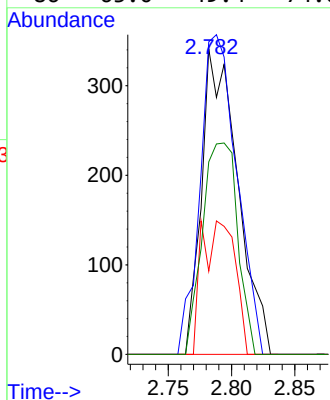


#20  
Methylene Chloride  
Concen: 0.219 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

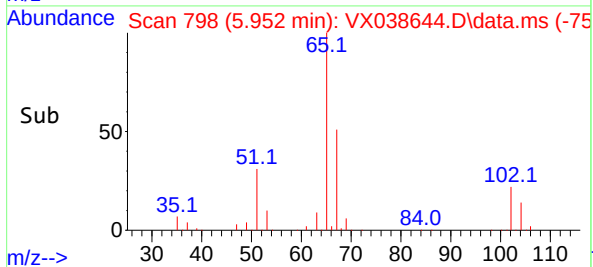
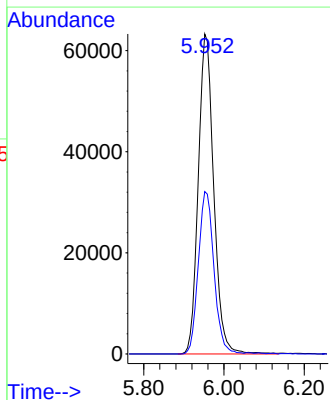
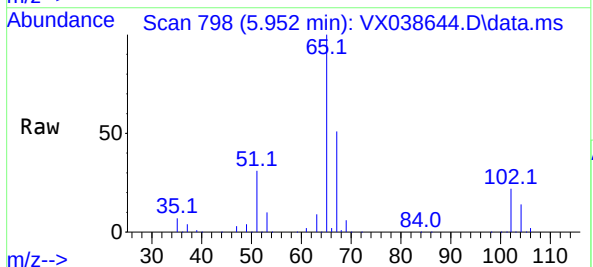


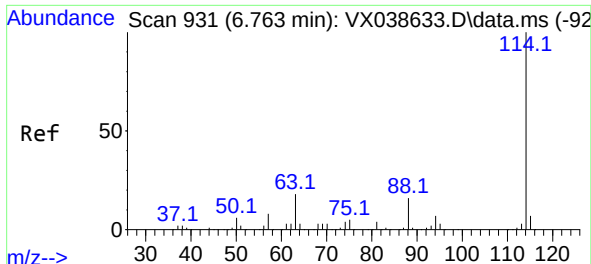
Tgt Ion: 84 Resp: 678  
Ion Ratio Lower Upper  
84 100  
49 102.3 103.6 155.4#  
51 27.3 33.8 50.6#  
86 63.0 49.4 74.0



#33  
1,2-Dichloroethane-d4  
Concen: 46.445 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 65 Resp: 169259  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2

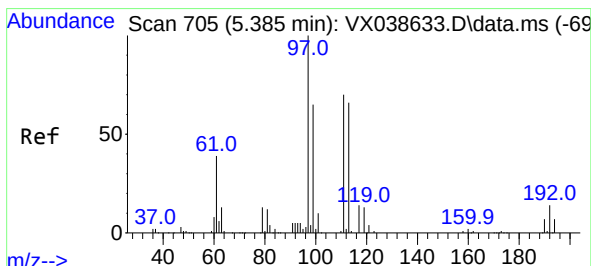
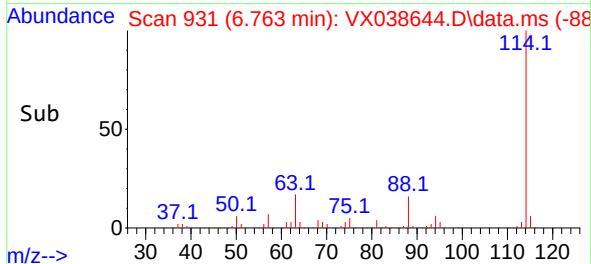
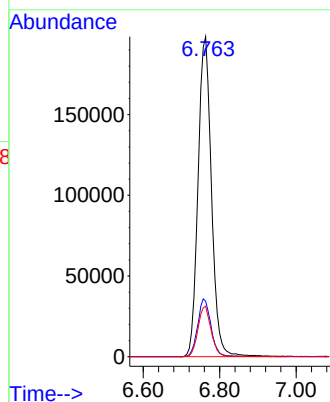
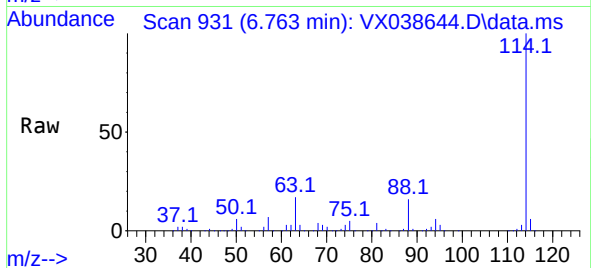




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

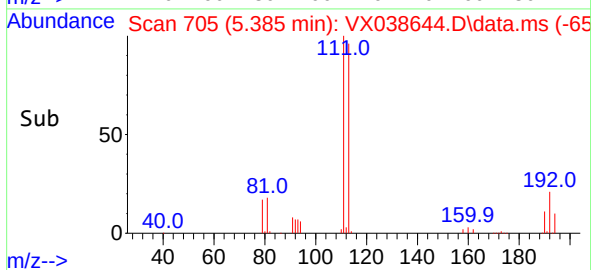
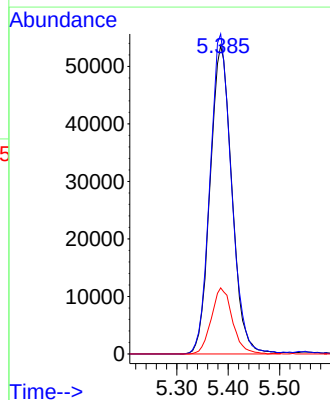
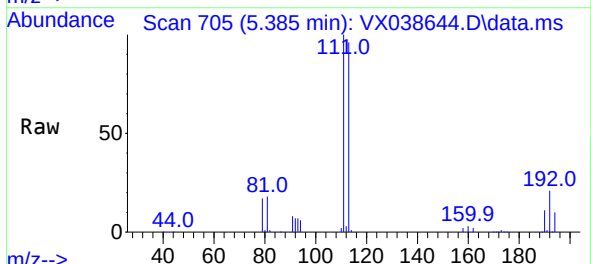
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

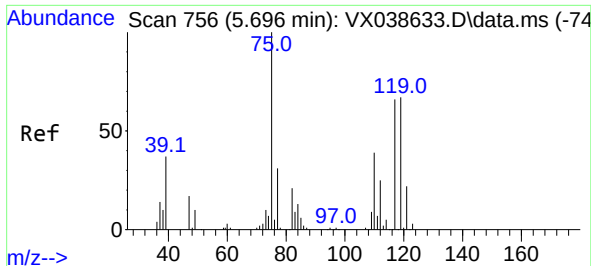
Tgt Ion:114 Resp: 482540  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 45.0  
88 15.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.294 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion:113 Resp: 157414  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.9 124.3  
192 20.8 13.3 19.9#

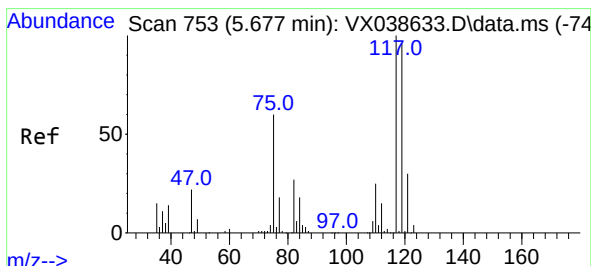
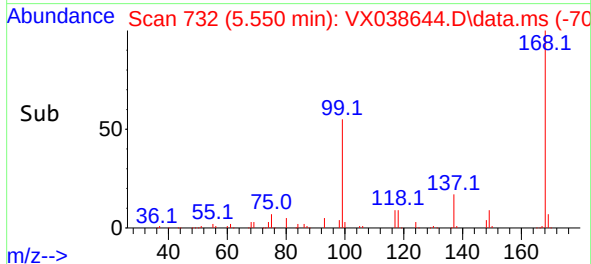
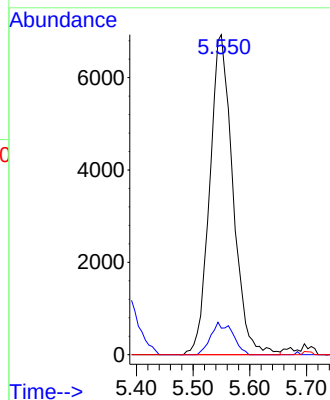
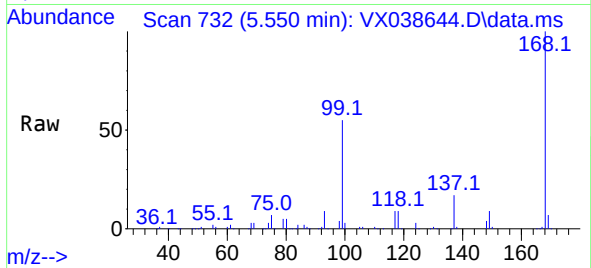




#36  
1,1-Dichloropropene  
Concen: 4.555 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.146 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

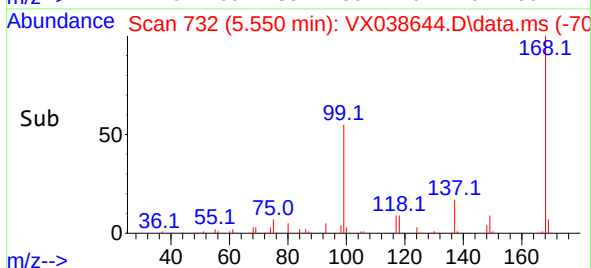
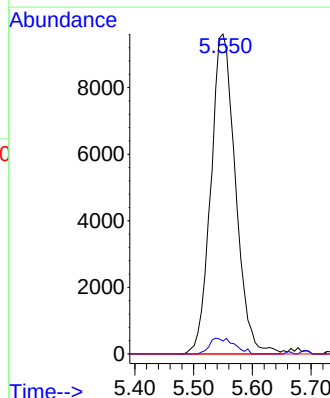
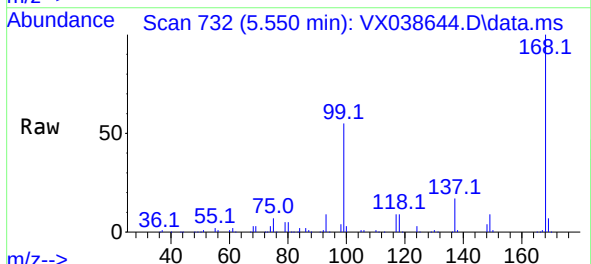
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VX1108WBL01

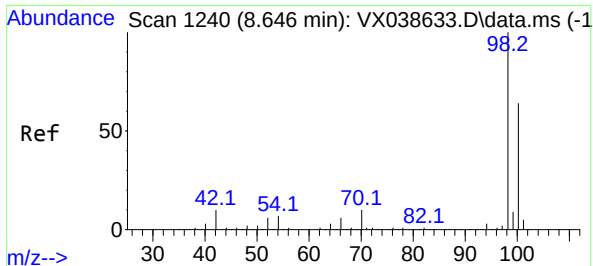
Tgt Ion: 75 Resp: 19663  
Ion Ratio Lower Upper  
75 100  
110 9.6 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 5.803 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 117 Resp: 28007  
Ion Ratio Lower Upper  
117 100  
119 4.0 78.2 117.2#  
121 0.0 24.4 36.6#

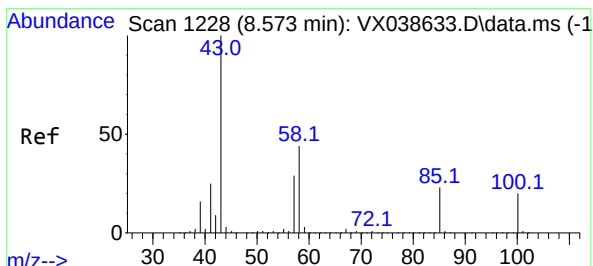
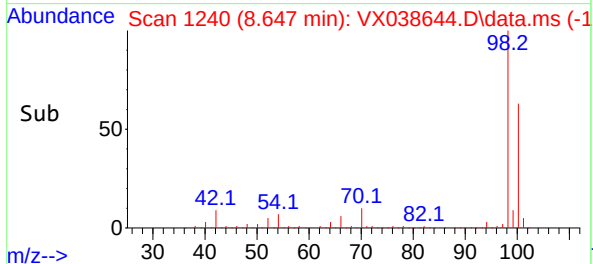
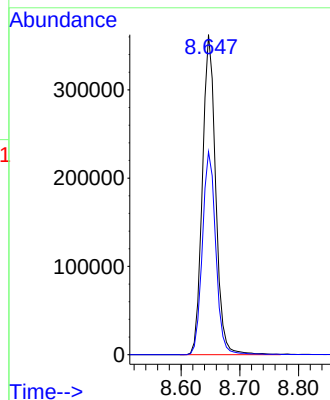
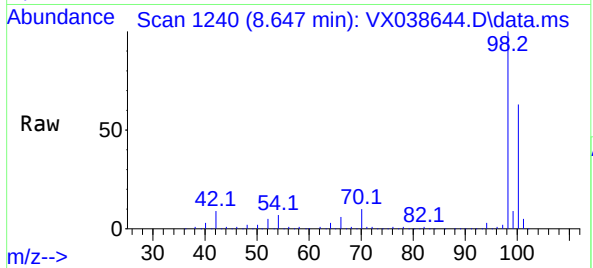




#50  
Toluene-d8  
Concen: 45.778 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

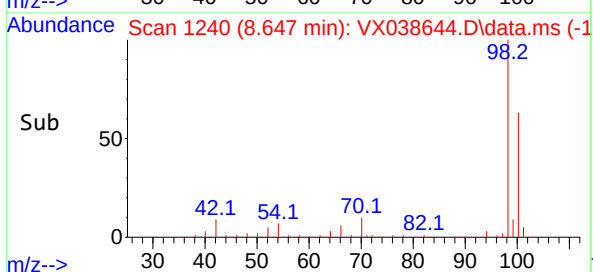
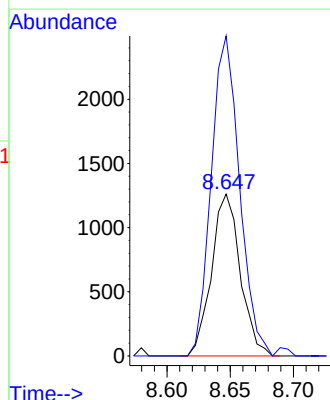
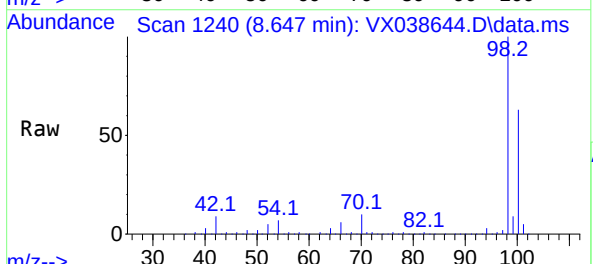
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

Tgt Ion: 98 Resp: 569307  
Ion Ratio Lower Upper  
98 100  
100 64.3 53.1 79.7

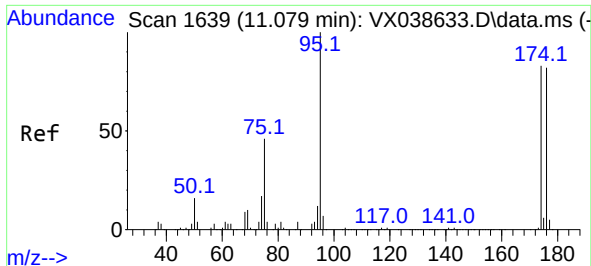


#51  
4-Methyl-2-Pentanone  
Concen: 0.451 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.074 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 43 Resp: 1990  
Ion Ratio Lower Upper  
43 100  
58 194.9 30.4 45.6#



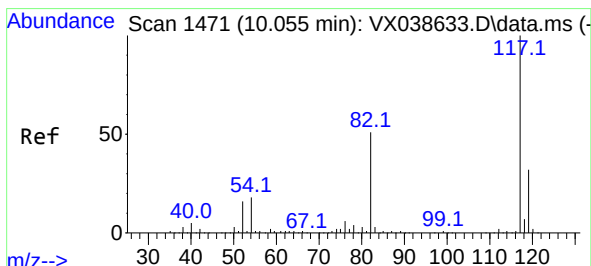
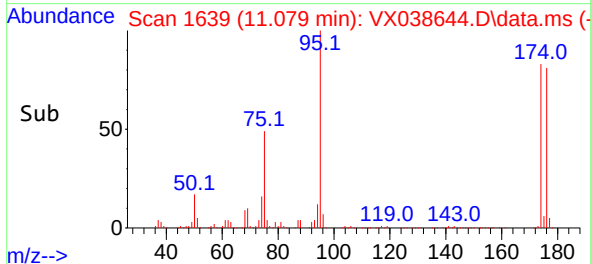
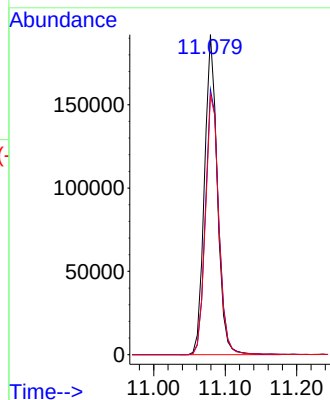
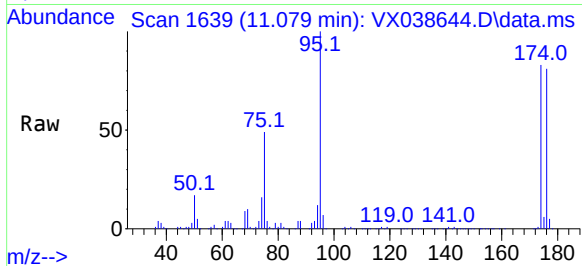




#62  
4-Bromofluorobenzene  
Concen: 49.855 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

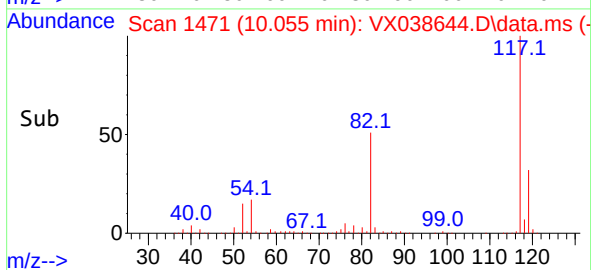
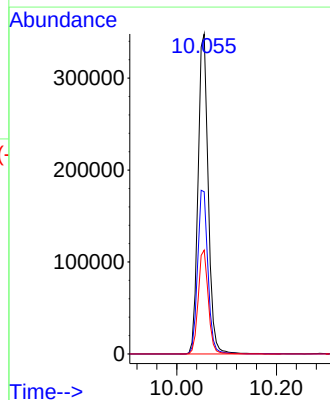
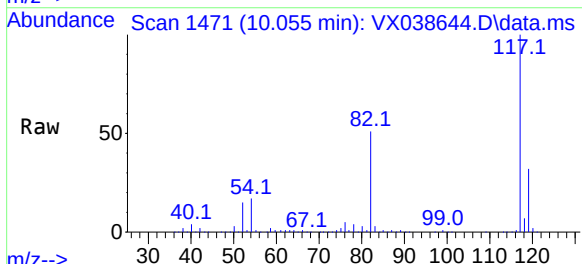
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

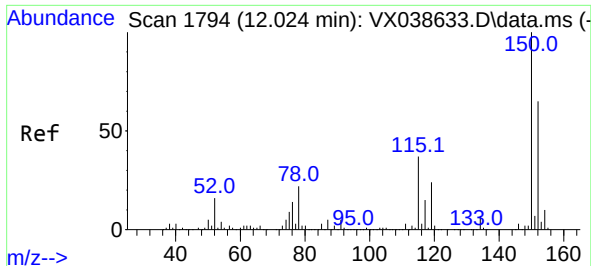
Tgt Ion: 95 Resp: 240389  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 135.6  
176 84.2 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 117 Resp: 492453  
Ion Ratio Lower Upper  
117 100  
82 50.7 46.2 69.4  
119 32.5 25.5 38.3

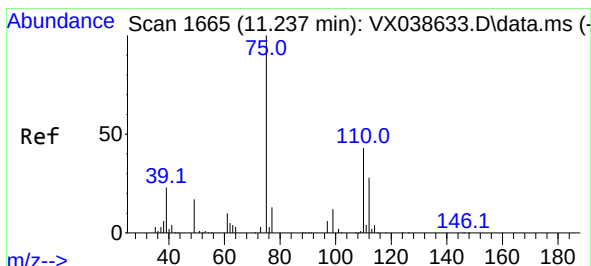
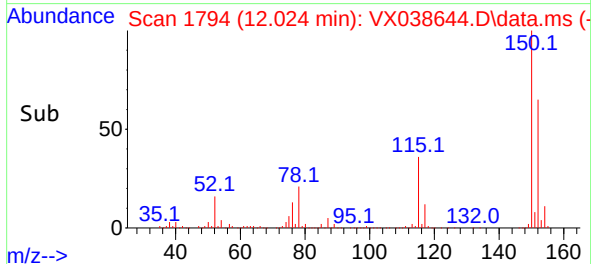
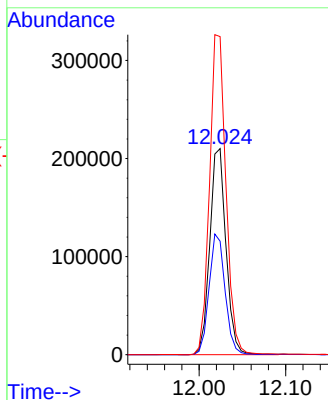
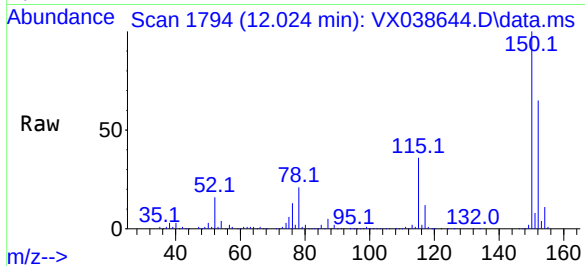




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

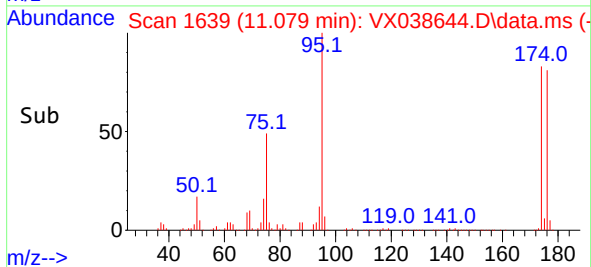
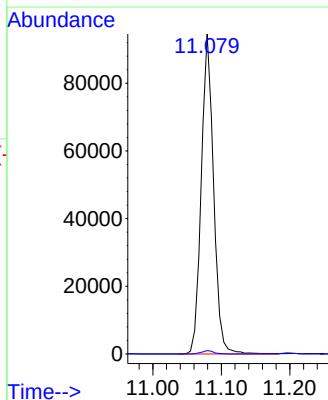
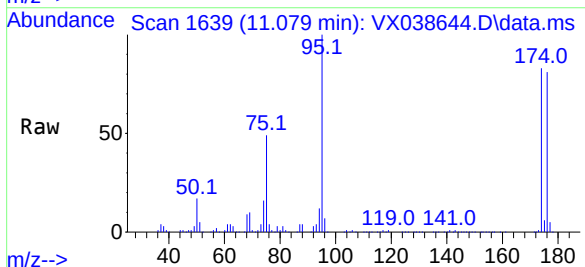
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

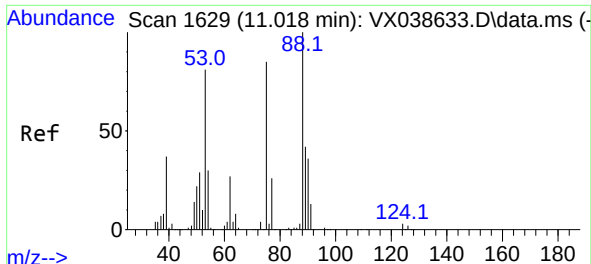
Tgt Ion:152 Resp: 273989  
Ion Ratio Lower Upper  
152 100  
115 57.7 43.3 129.9  
150 157.4 0.0 345.0



#76  
1,2,3-Trichloropropane  
Concen: 21.811 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion: 75 Resp: 118353  
Ion Ratio Lower Upper  
75 100  
77 1.0 19.1 57.5#

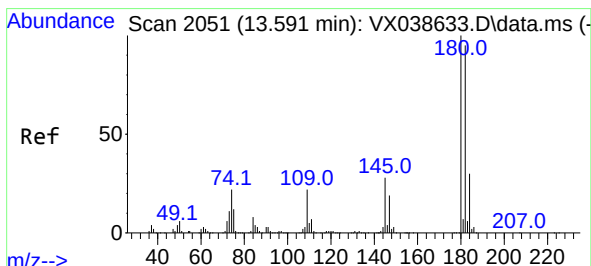
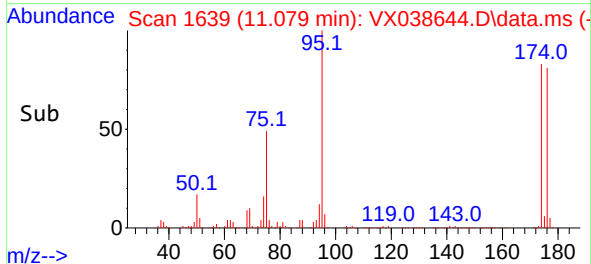
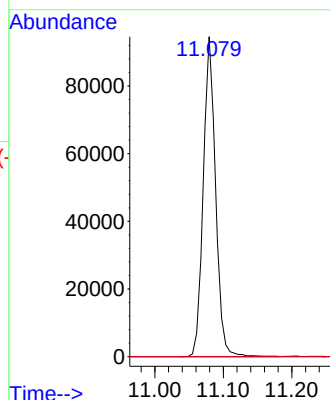
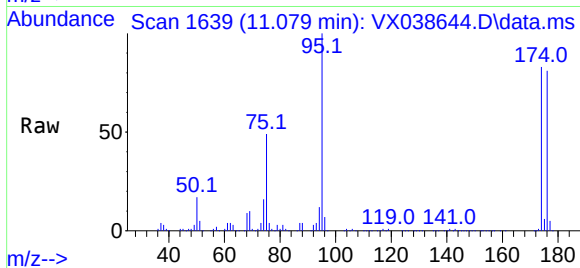




#81  
trans-1,4-Dichloro-2-butene  
Concen: 66.013 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.061 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1108WBL01

Tgt Ion: 75 Resp: 118353  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 0.234 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX038644.D  
Acq: 08 Nov 2023 10:04

Tgt Ion:180 Resp: 1444  
Ion Ratio Lower Upper  
180 100  
182 90.9 48.3 144.8  
145 33.7 18.0 54.0

