

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103122\  
 Data File : VX032490.D  
 Acq On : 31 Oct 2022 16:07  
 Operator : JC/MD  
 Sample : N5340-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-9-102722

Quant Time: Nov 01 05:11:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

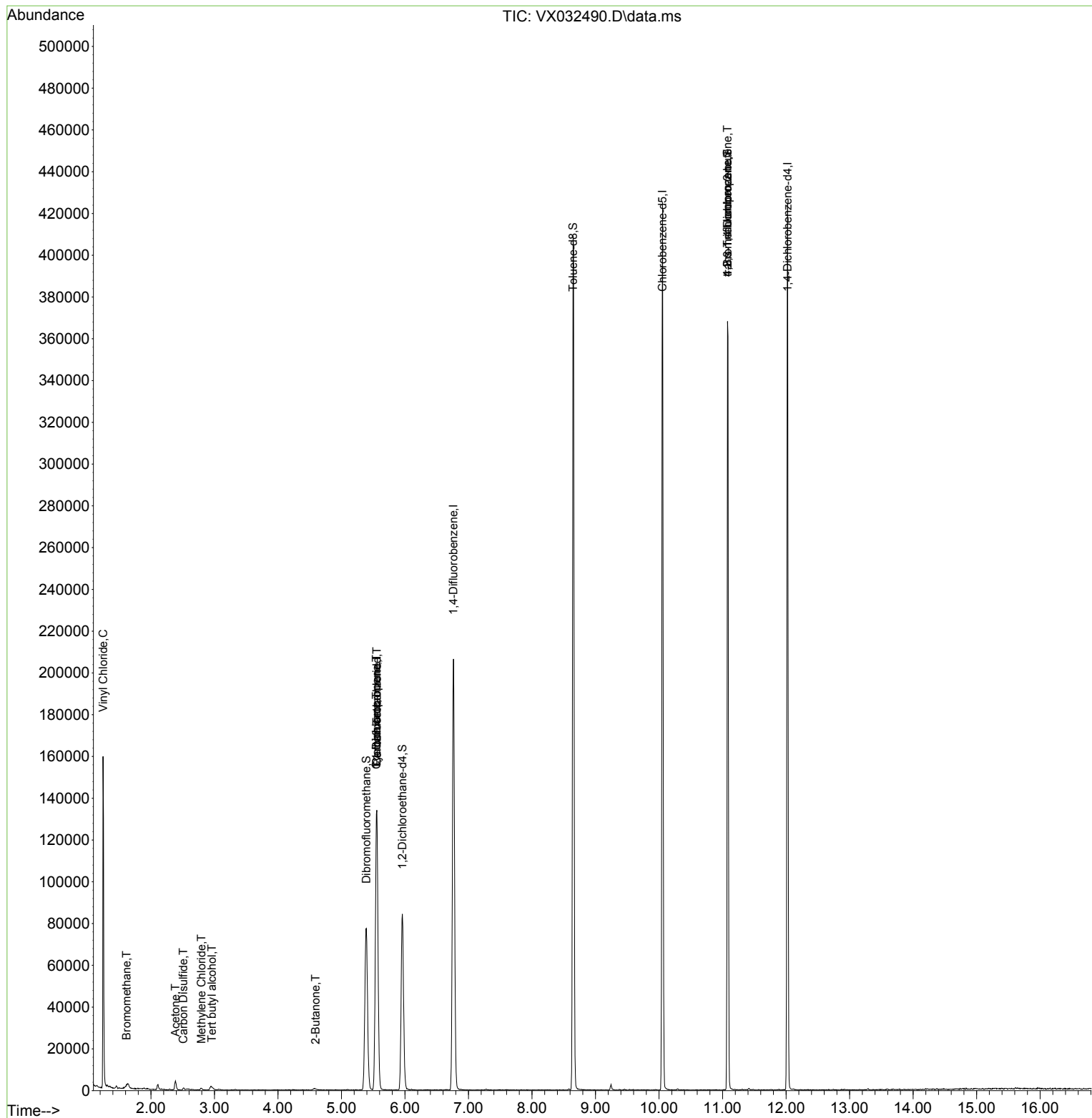
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 127917     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 208664     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 183672     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 87254      | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 84099      | 47.316  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 94.640% |        |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 66996      | 45.011  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 90.020% |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 245596     | 47.453  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 94.900% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 94394      | 46.690  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 93.380% |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 4) Vinyl Chloride             | 1.246          | 62   | 1297       | 0.945   | ug/l # | 42       |
| 5) Bromomethane               | 1.618          | 94   | 226        | 0.206   | ug/l   | 89       |
| 11) Tert butyl alcohol        | 2.959          | 59   | 2066       | 7.986   | ug/l # | 72       |
| 16) Acetone                   | 2.386          | 43   | 4969       | 7.692   | ug/l   | 92       |
| 17) Carbon Disulfide          | 2.508          | 76   | 1316       | 0.431   | ug/l # | 74       |
| 20) Methylene Chloride        | 2.794          | 84   | 473        | 0.319   | ug/l # | 82       |
| 25) 2-Butanone                | 4.593          | 43   | 616        | 0.615   | ug/l # | 47       |
| 31) Cyclohexane               | 5.550          | 56   | 2854       | 1.324   | ug/l # | 20       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 9957       | 4.804   | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.556          | 117  | 13003      | 5.656   | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 52491      | 27.041  | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 52491      | 86.044  | ug/l # | 6        |
| -----                         |                |      |            |         |        |          |

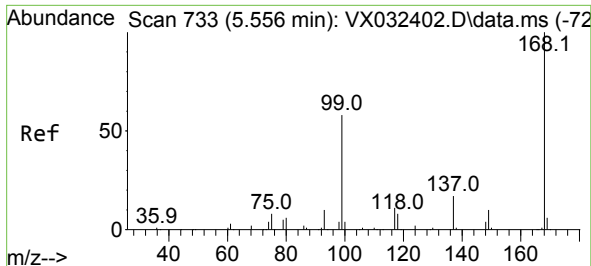
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103122\  
Data File : VX032490.D  
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Sample : N5340-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

Quant Time: Nov 01 05:11:39 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

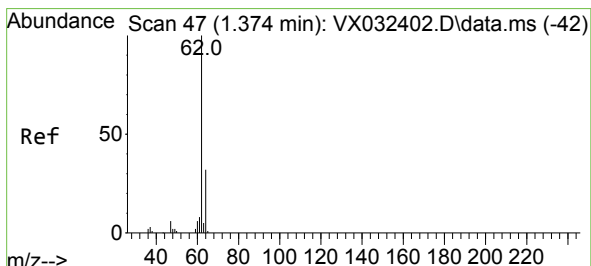
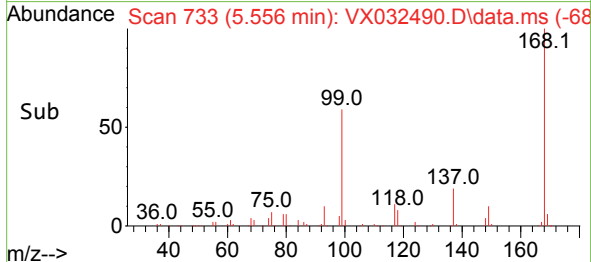
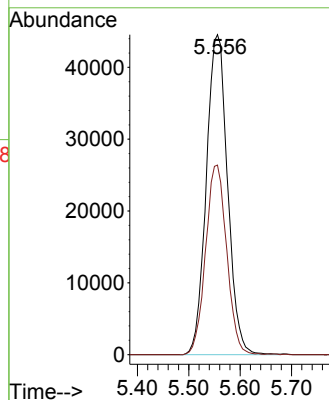
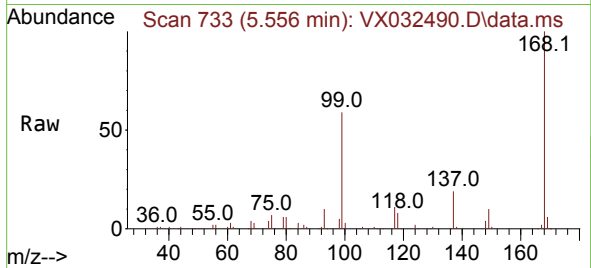




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

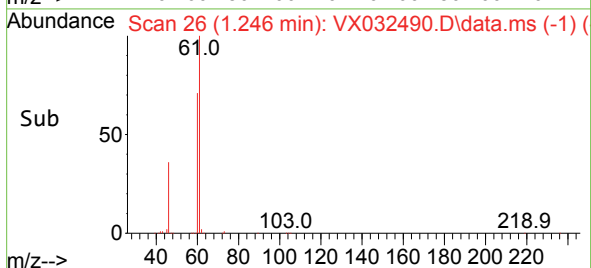
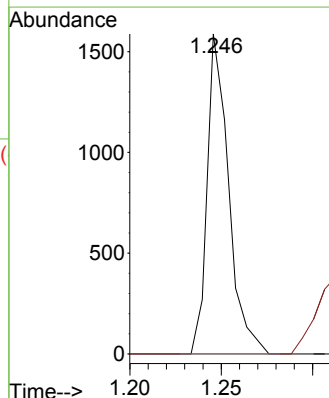
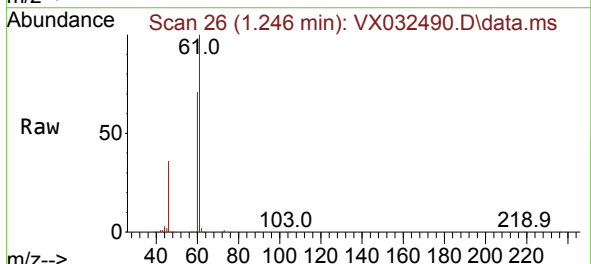
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

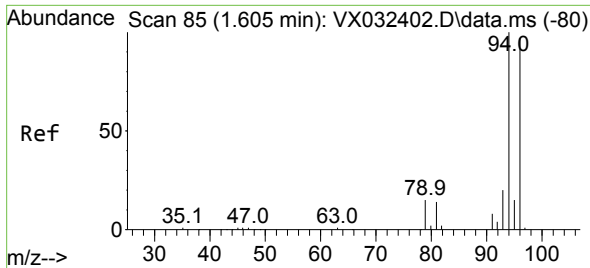
Tgt Ion:168 Resp: 127917  
Ion Ratio Lower Upper  
168 100  
99 59.3 46.1 69.1



#4  
Vinyl Chloride  
Concen: 0.945 ug/l  
RT: 1.246 min Scan# 26  
Delta R.T. -0.128 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 62 Resp: 1297  
Ion Ratio Lower Upper  
62 100  
64 0.0 25.8 38.6#

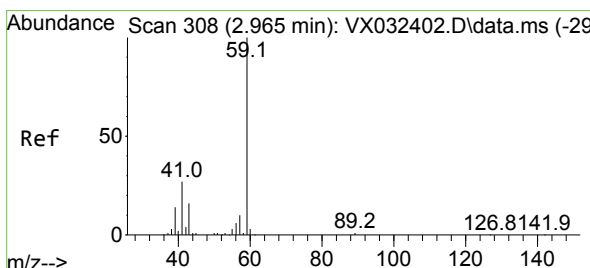
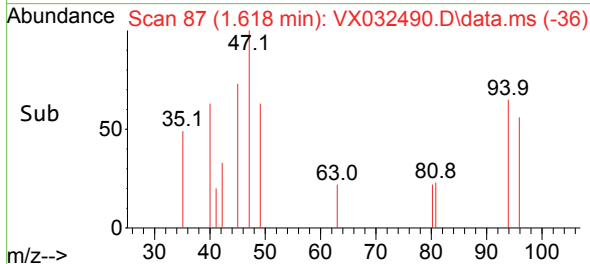
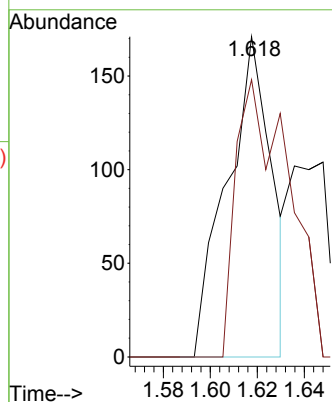
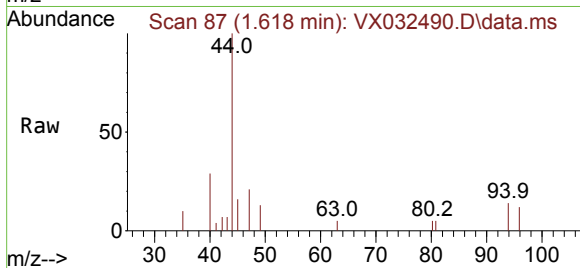




#5  
Bromomethane  
Concen: 0.206 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

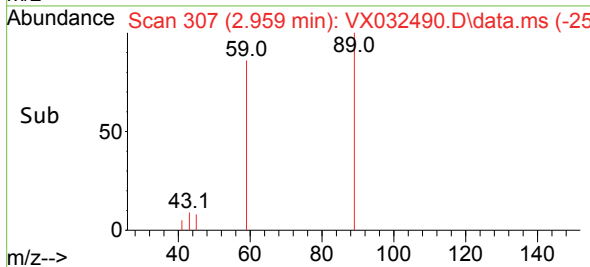
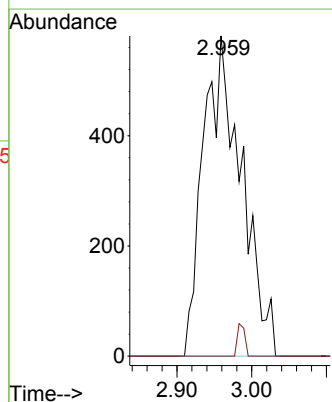
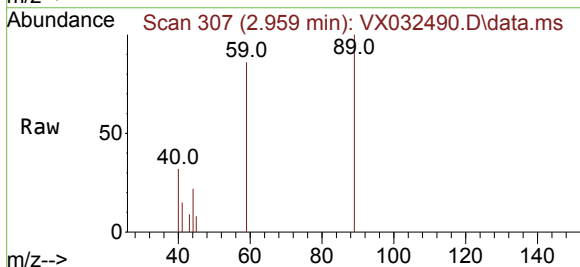
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

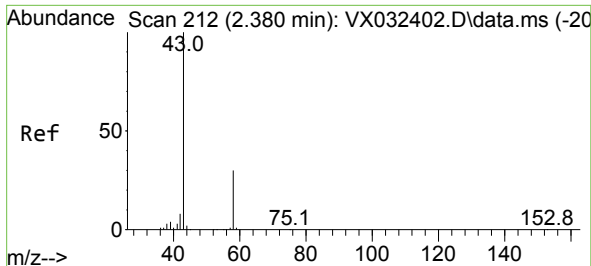
Tgt Ion: 94 Resp: 226  
Ion Ratio Lower Upper  
94 100  
96 86.5 77.6 116.4



#11  
Tert butyl alcohol  
Concen: 7.986 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 59 Resp: 2066  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#

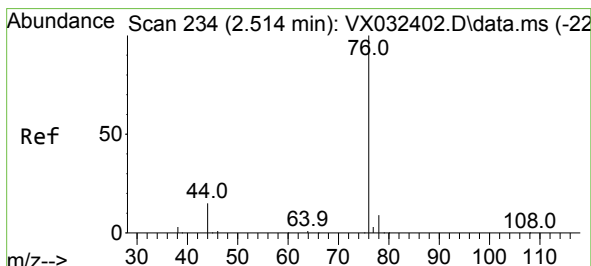
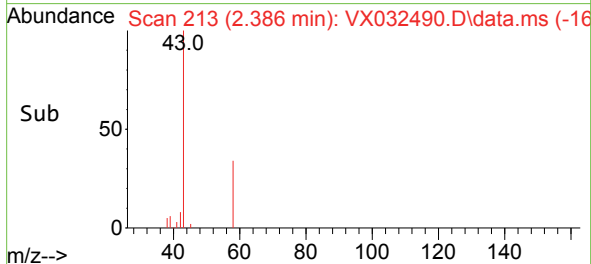
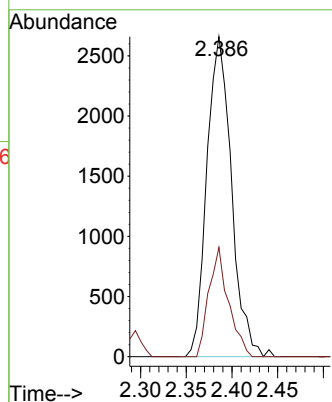
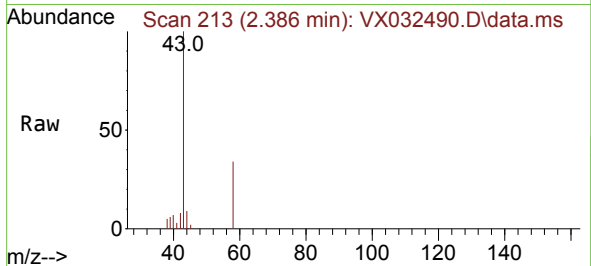




#16  
Acetone  
Concen: 7.692 ug/l  
RT: 2.386 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

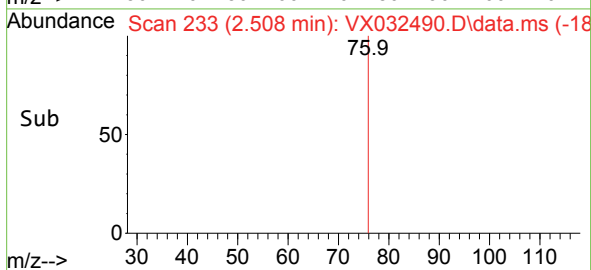
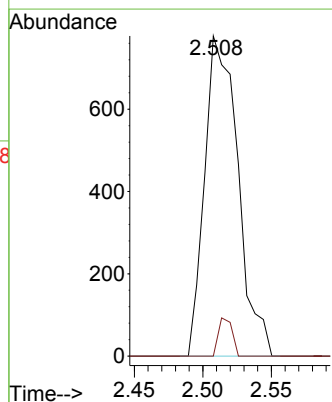
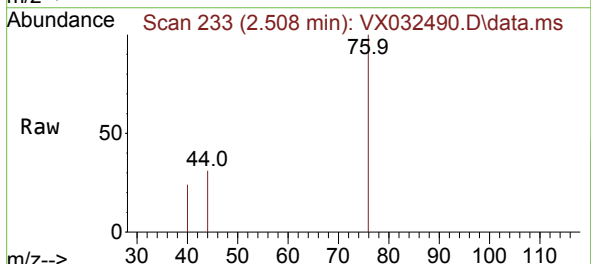
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

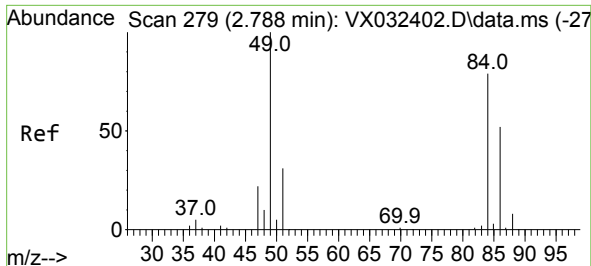
Tgt Ion: 43 Resp: 4969  
Ion Ratio Lower Upper  
43 100  
58 34.1 23.8 35.8



#17  
Carbon Disulfide  
Concen: 0.431 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 76 Resp: 1316  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#

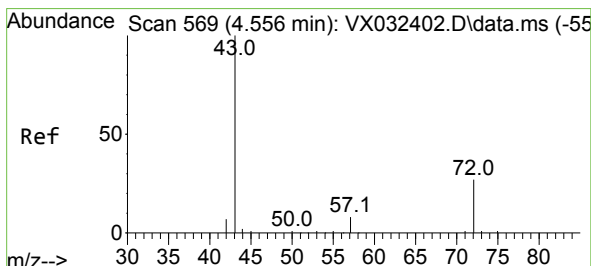
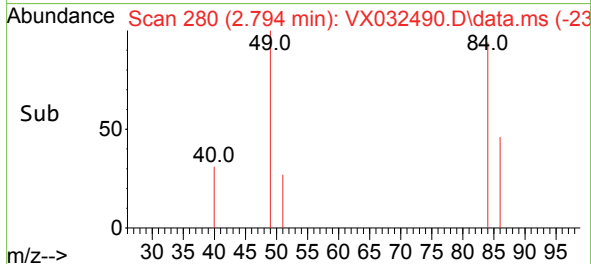
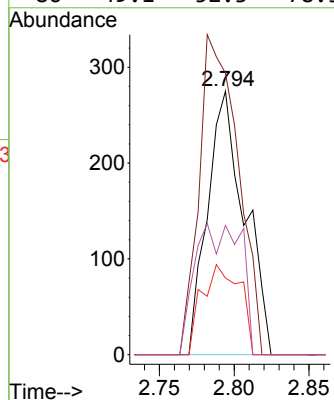
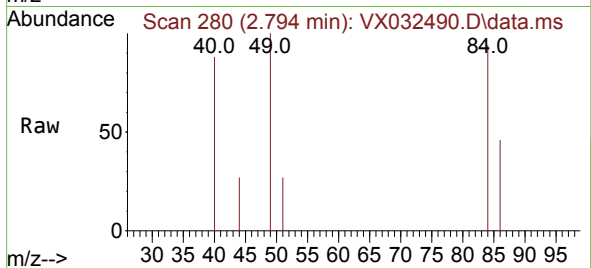




#20  
Methylene Chloride  
Concen: 0.319 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

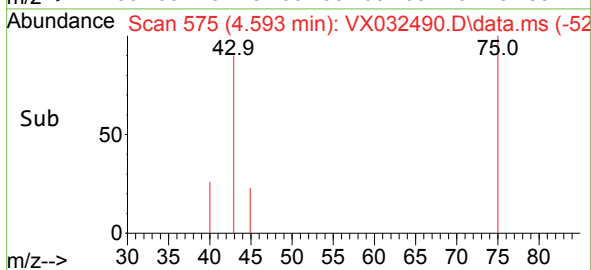
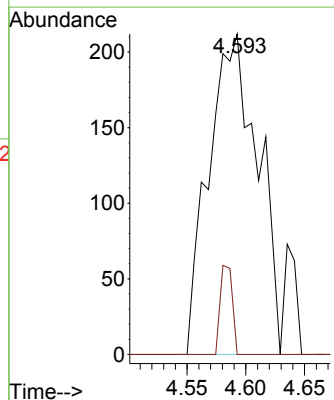
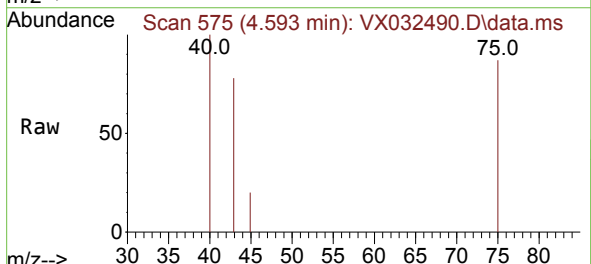
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

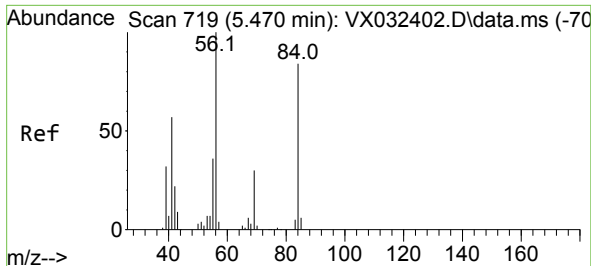
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 84 | Resp: | 473         |
| Ion         | Ratio | Lower Upper |
| 84          | 100   |             |
| 49          | 106.9 | 101.0 151.6 |
| 51          | 29.1  | 31.1 46.7#  |
| 86          | 49.1  | 52.3 78.5#  |



#25  
2-Butanone  
Concen: 0.615 ug/l  
RT: 4.593 min Scan# 575  
Delta R.T. 0.037 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

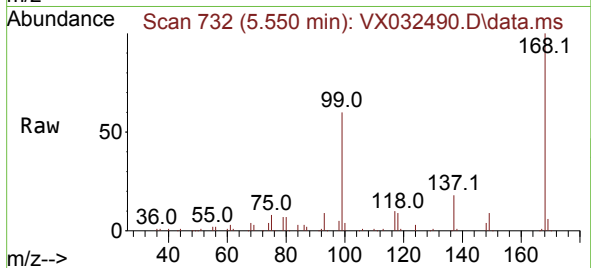
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 43 | Resp: | 616         |
| Ion         | Ratio | Lower Upper |
| 43          | 100   |             |
| 72          | 0.0   | 22.2 33.2#  |



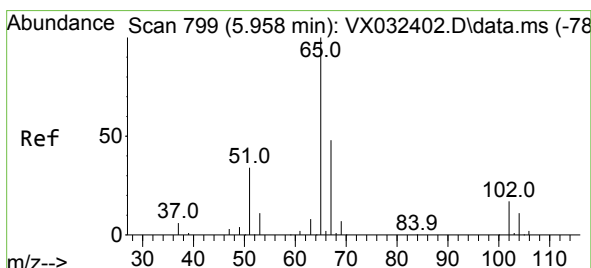
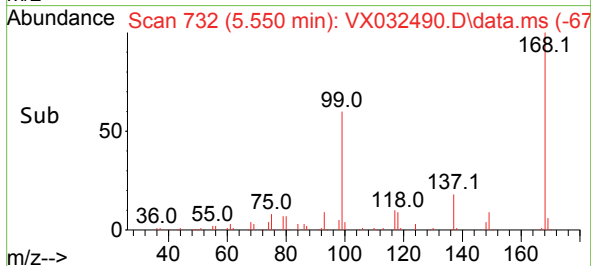
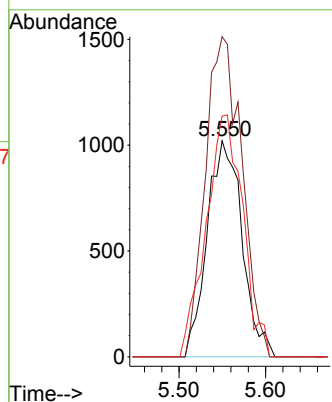


#31  
Cyclohexane  
Concen: 1.324 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.079 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

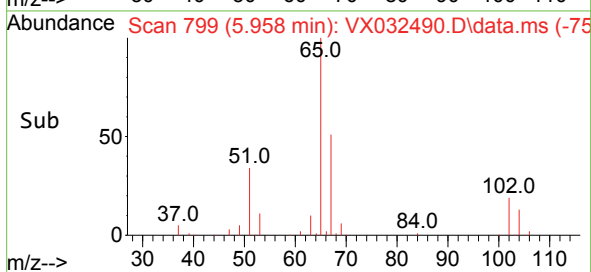
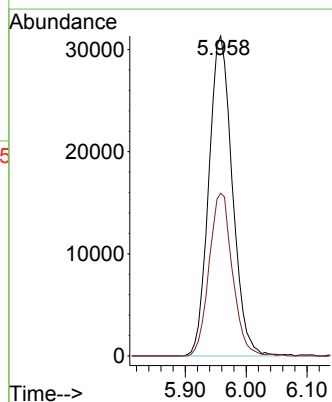
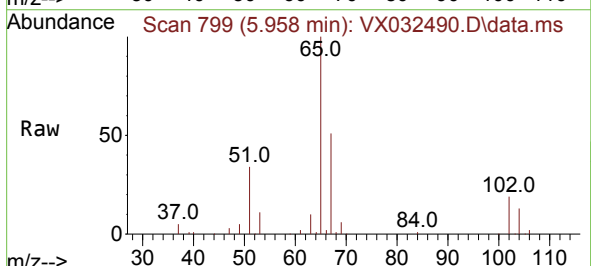


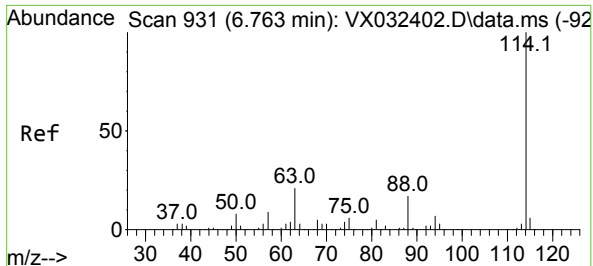
Tgt Ion: 56 Resp: 2854  
Ion Ratio Lower Upper  
56 100  
69 148.2 24.1 36.1#  
84 111.5 66.9 100.3#



#33  
1,2-Dichloroethane-d4  
Concen: 47.316 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 65 Resp: 84099  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 101.8

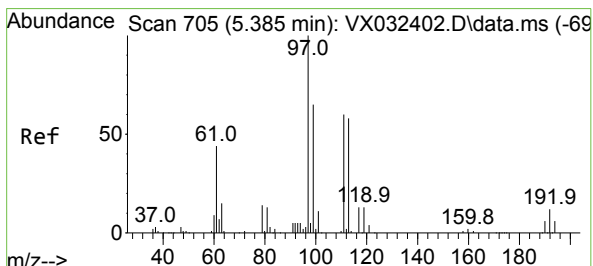
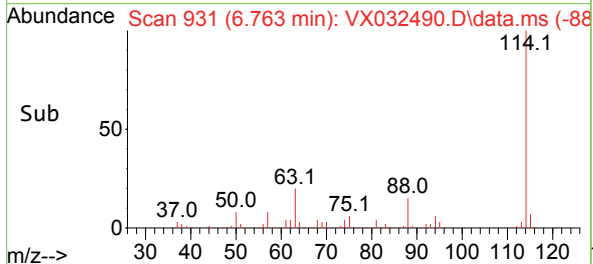
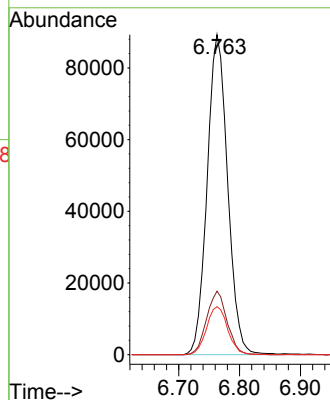
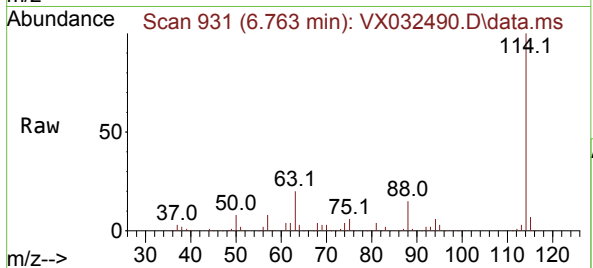




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

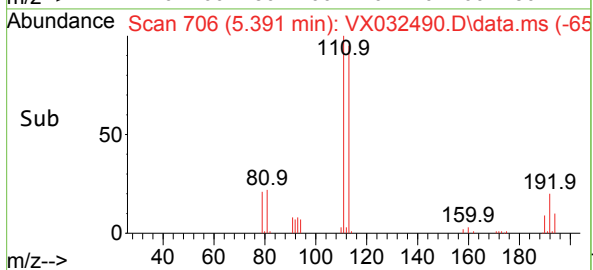
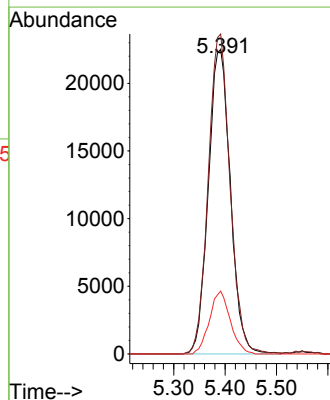
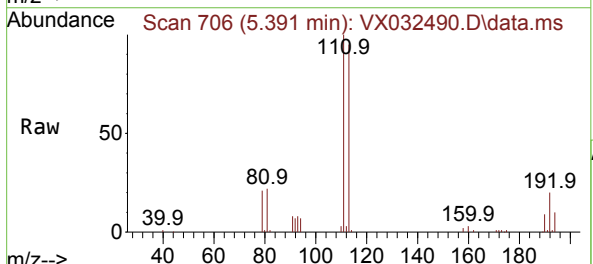
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

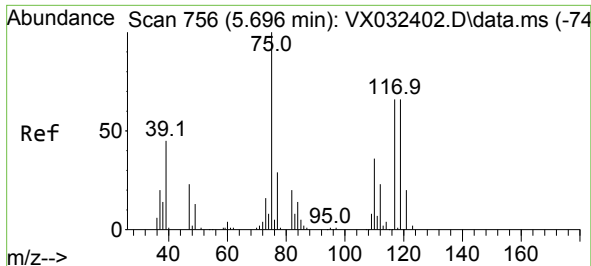
Tgt Ion:114 Resp: 208664  
Ion Ratio Lower Upper  
114 100  
63 19.8 0.0 41.6  
88 15.0 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 45.011 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion:113 Resp: 66996  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.4 123.6  
192 19.5 15.4 23.2

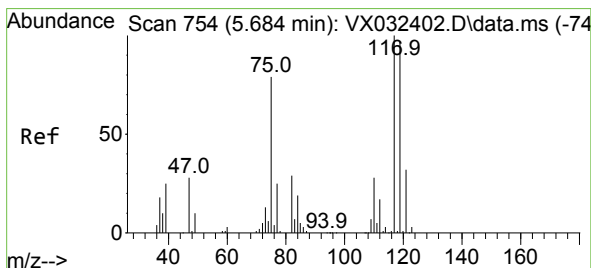
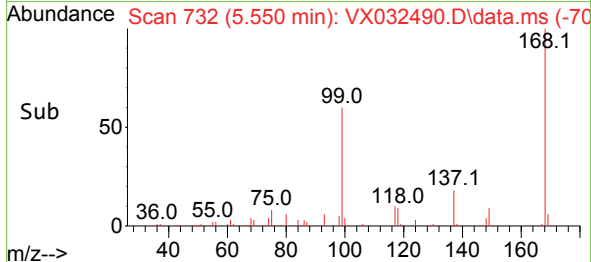
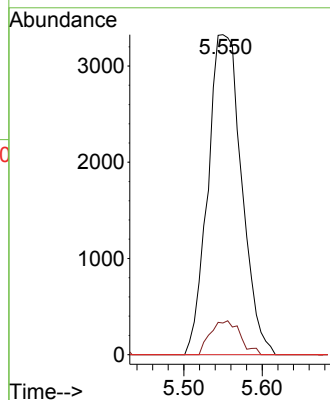
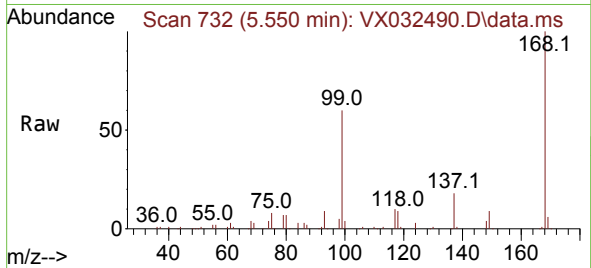




#36  
1,1-Dichloropropene  
Concen: 4.804 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. -0.146 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

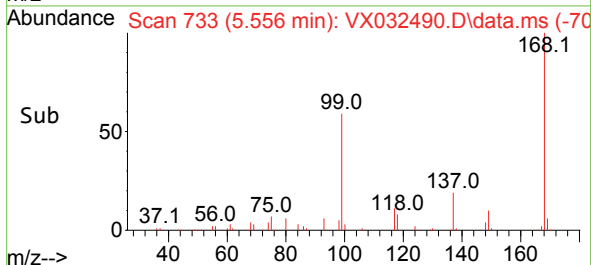
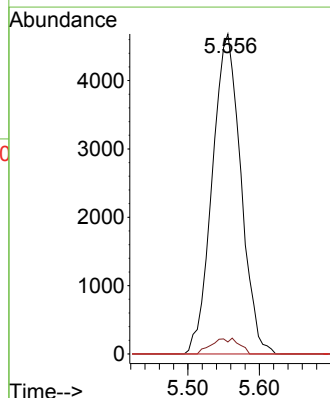
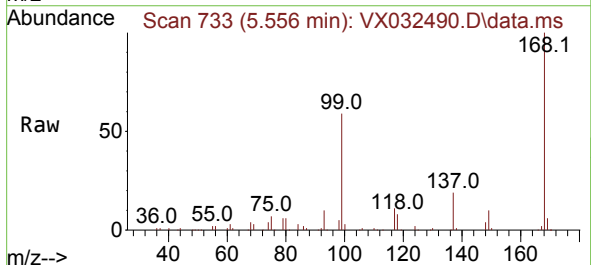
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

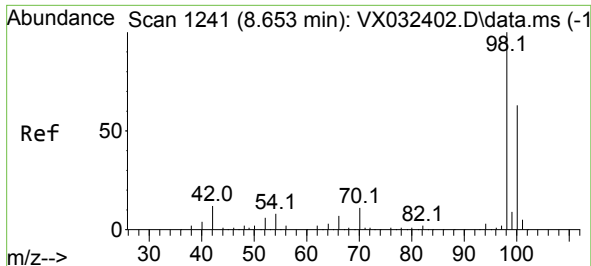
Tgt Ion: 75 Resp: 9957  
Ion Ratio Lower Upper  
75 100  
110 9.3 18.4 55.2#  
77 0.0 24.5 36.7#



#38  
Carbon Tetrachloride  
Concen: 5.656 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.128 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 117 Resp: 13003  
Ion Ratio Lower Upper  
117 100  
119 3.8 77.2 115.8#  
121 0.0 25.8 38.6#

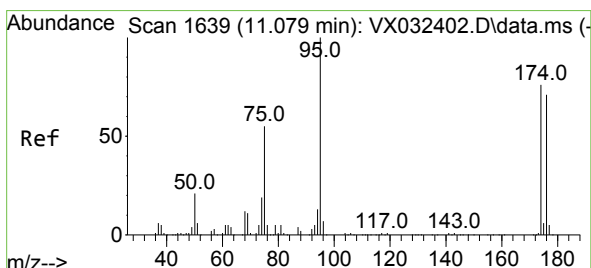
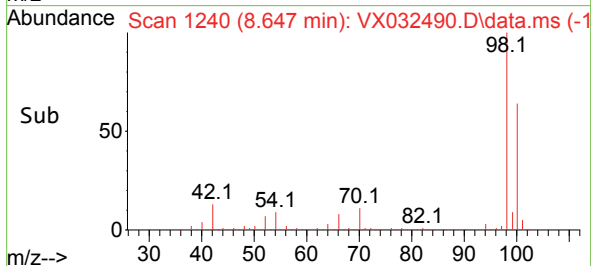
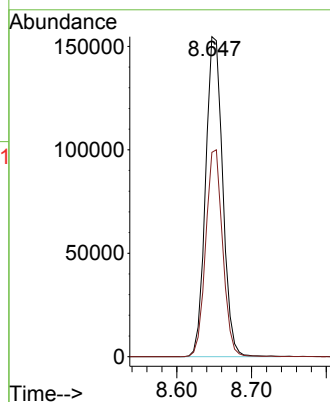
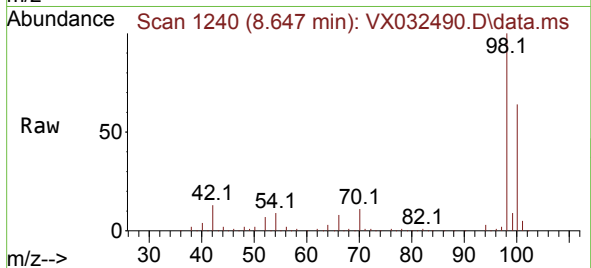




#50  
Toluene-d8  
Concen: 47.453 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

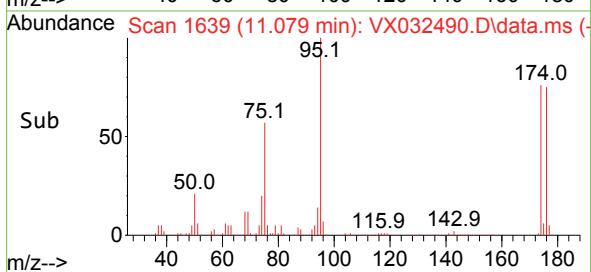
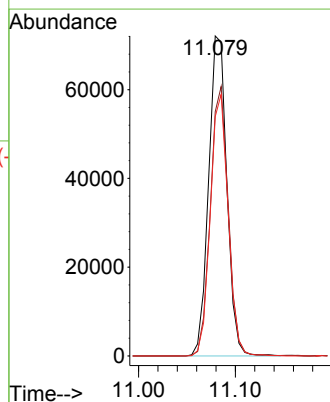
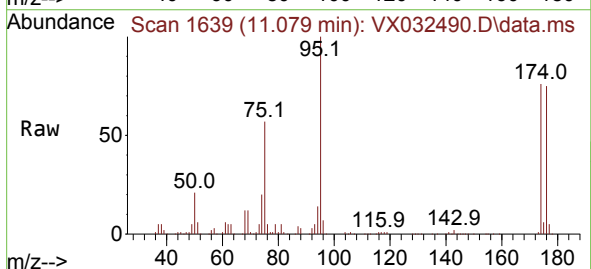
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

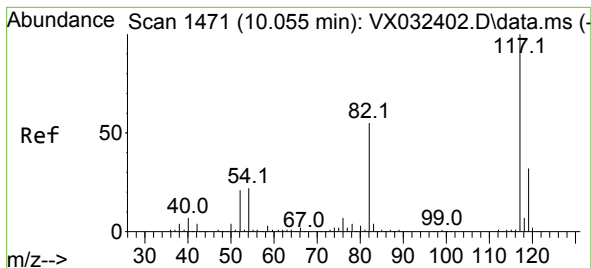
Tgt Ion: 98 Resp: 245596  
Ion Ratio Lower Upper  
98 100  
100 64.1 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 46.690 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 95 Resp: 94394  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 164.0  
176 79.8 0.0 154.4

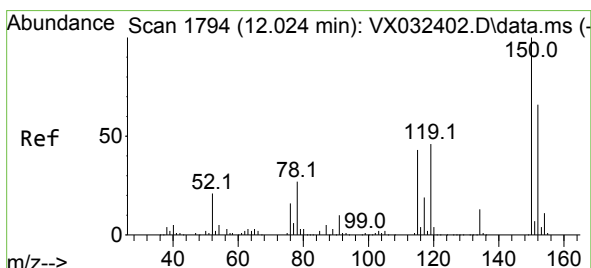
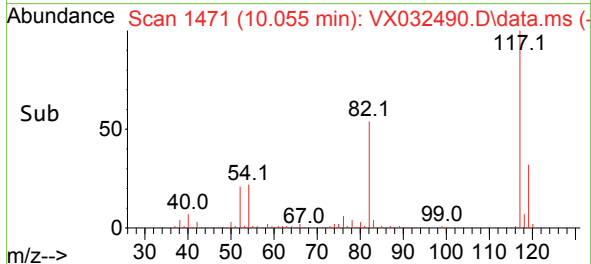
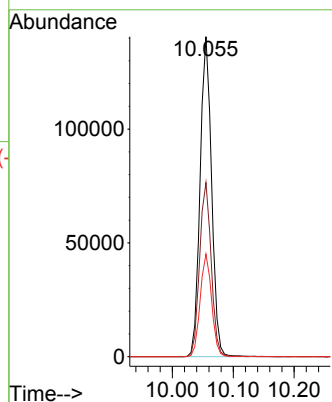
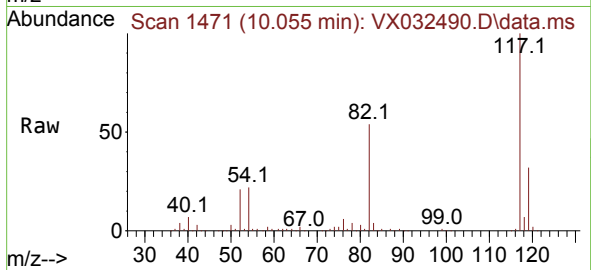




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

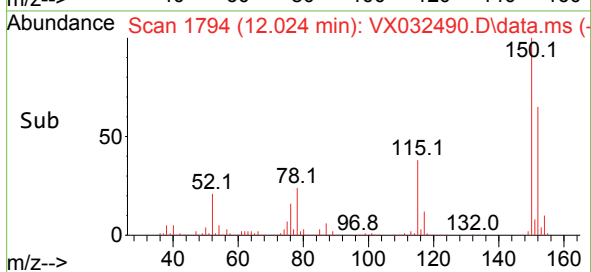
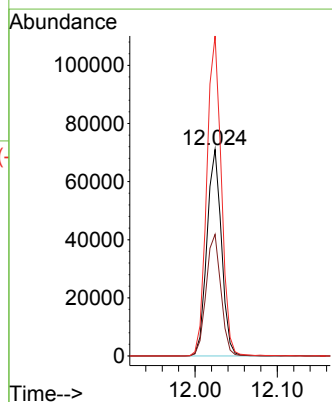
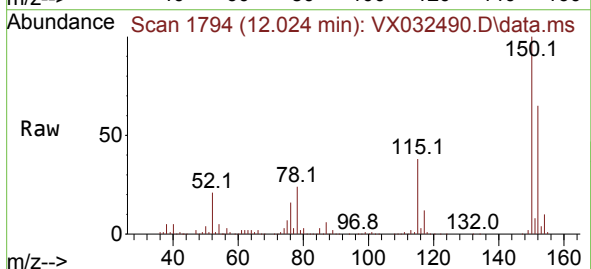
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

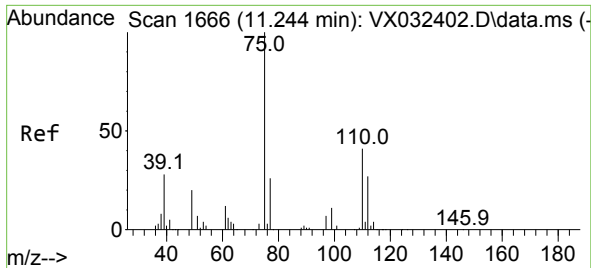
Tgt Ion:117 Resp: 183672  
Ion Ratio Lower Upper  
117 100  
82 54.4 44.3 66.5  
119 32.0 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion:152 Resp: 87254  
Ion Ratio Lower Upper  
152 100  
115 59.8 44.0 132.0  
150 155.5 0.0 351.8

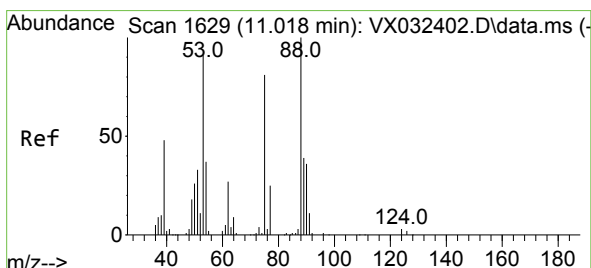
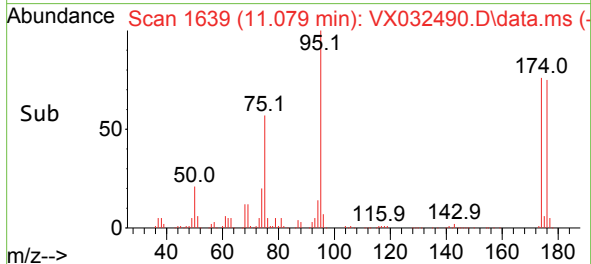
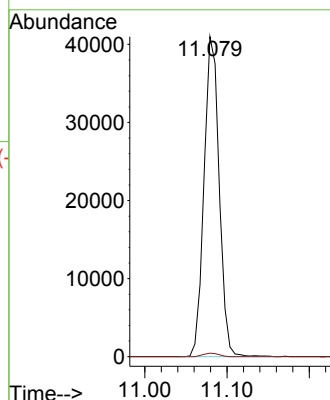
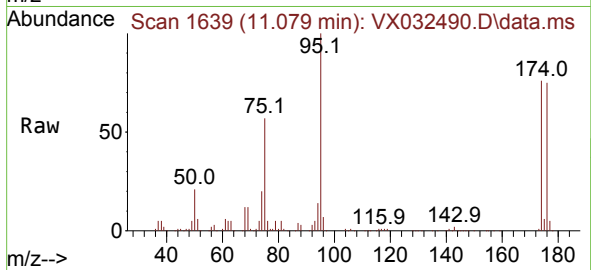




#76  
1,2,3-Trichloropropane  
Concen: 27.041 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-9-102722

Tgt Ion: 75 Resp: 52491  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.0 60.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 86.044 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX032490.D  
Acq: 31 Oct 2022 16:07

Tgt Ion: 75 Resp: 52491  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.9 130.3#  
89 0.0 38.3 57.5#

