

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
 Data File : VX034905.D  
 Acq On : 01 Apr 2023 06:10  
 Operator : JC/MD  
 Sample : 02137-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SY-5

Quant Time: Apr 03 03:21:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

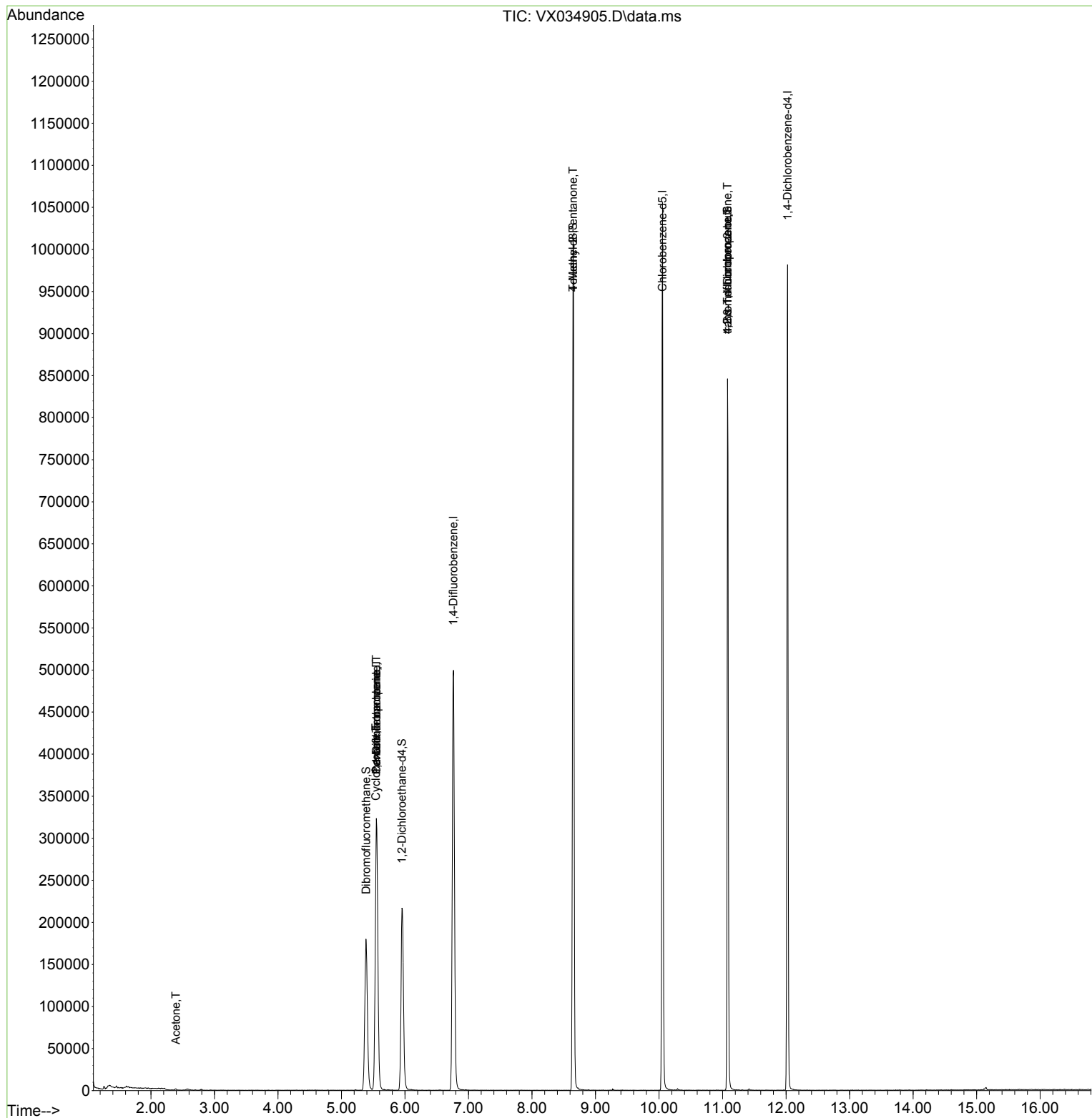
| Compound                      | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|--------|----------------|----------|------------|--------|----------|
| -----                         |        |                |          |            |        |          |
| Internal Standards            |        |                |          |            |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168            | 285196   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114            | 488681   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117            | 434829   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 196073   | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds   |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65             | 221113   | 50.695     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | = 101.380% |        |          |
| 35) Dibromofluoromethane      | 5.385  | 113            | 153561   | 47.509     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | = 95.020%  |        |          |
| 50) Toluene-d8                | 8.647  | 98             | 588432   | 49.322     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | = 98.640%  |        |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95             | 224833   | 48.699     | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | = 97.400%  |        |          |
| Target Compounds              |        |                |          |            |        |          |
|                               |        |                |          |            | Qvalue |          |
| 16) Acetone                   | 2.392  | 43             | 1572     | 0.887      | ug/l   | 95       |
| 31) Cyclohexane               | 5.544  | 56             | 7400     | 1.393      | ug/l # | 21       |
| 36) 1,1-Dichloropropene       | 5.550  | 75             | 26229    | 5.477      | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.550  | 117            | 32069    | 7.103      | ug/l # | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43             | 3136     | 0.633      | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75             | 122178   | 30.925     | ug/l # | 34       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75             | 122178   | 92.681     | ug/l # | 8        |
| -----                         |        |                |          |            |        |          |

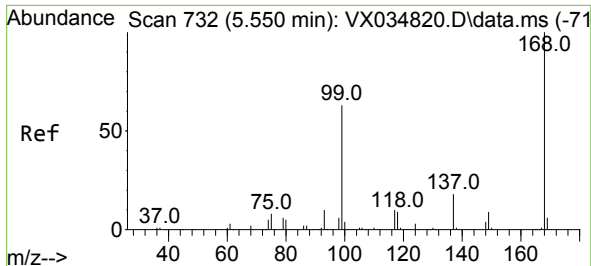
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033123\  
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ALS Vial : 47 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

Quant Time: Apr 03 03:21:46 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration

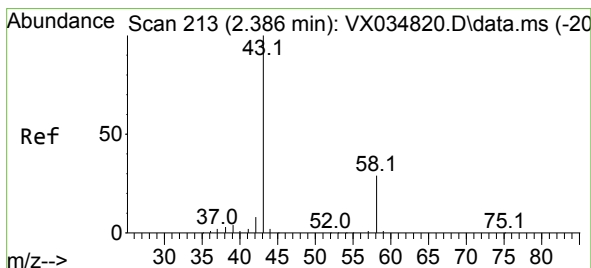
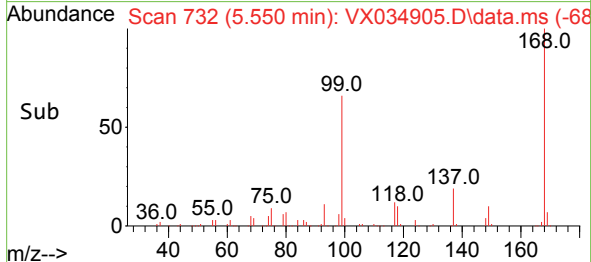
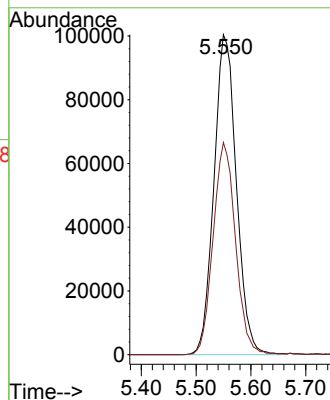
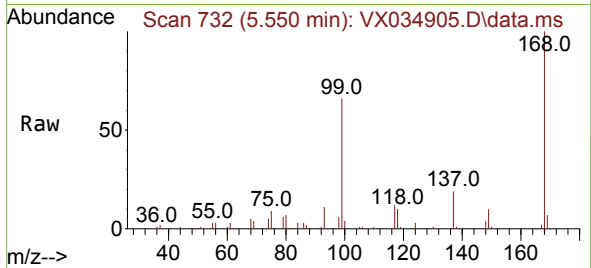




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

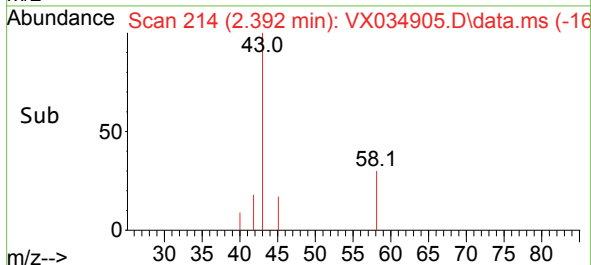
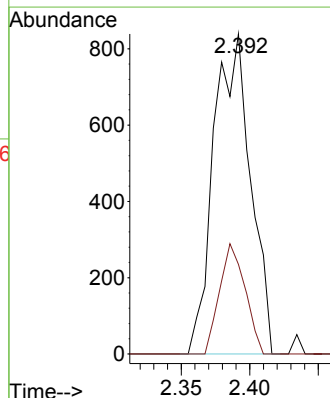
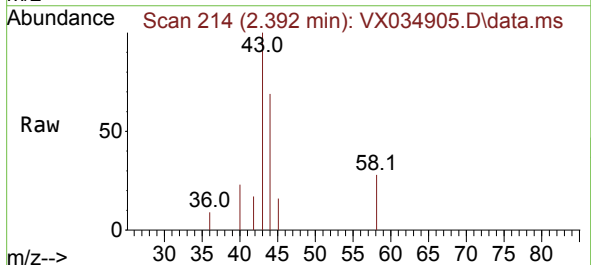
Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

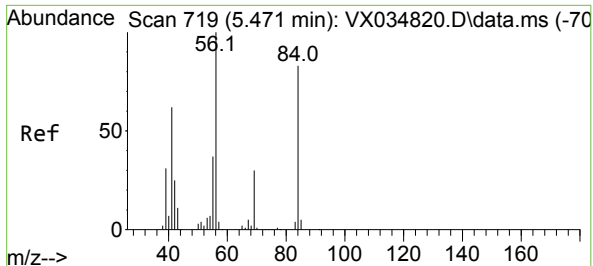
Tgt Ion:168 Resp: 285196  
Ion Ratio Lower Upper  
168 100  
99 66.3 45.7 68.5



#16  
Acetone  
Concen: 0.887 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

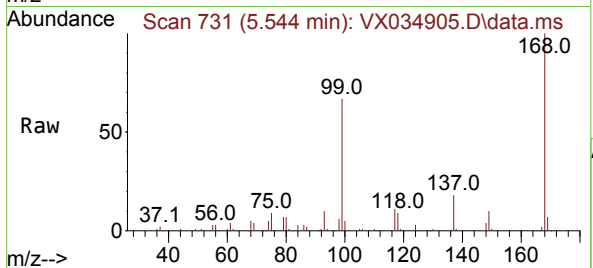
Tgt Ion: 43 Resp: 1572  
Ion Ratio Lower Upper  
43 100  
58 28.0 24.7 37.1



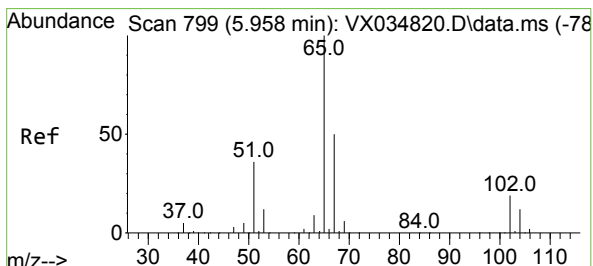
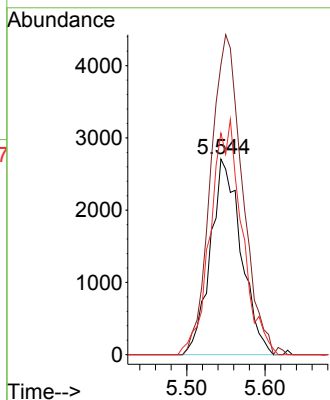
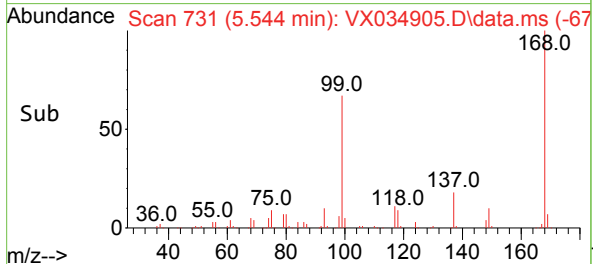


#31  
Cyclohexane  
Concen: 1.393 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

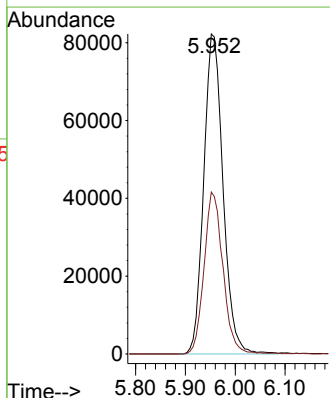
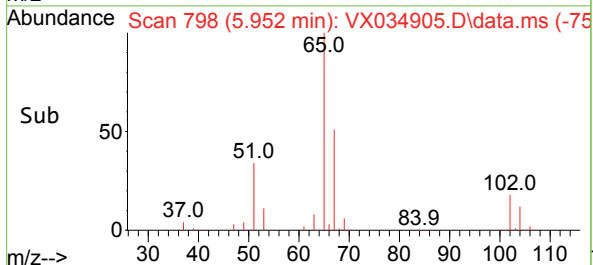
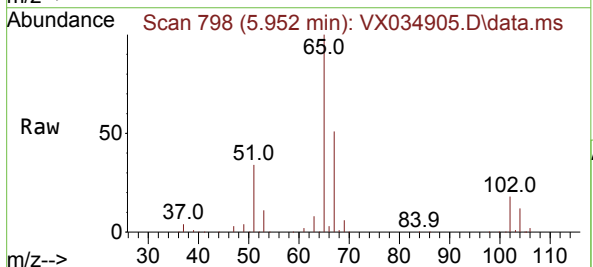


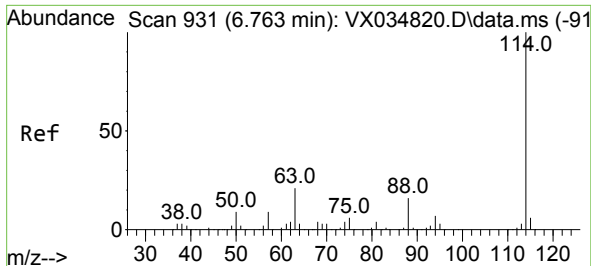
Tgt Ion: 56 Resp: 7400  
Ion Ratio Lower Upper  
56 100  
69 148.3 23.7 35.5#  
84 113.3 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 50.695 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Tgt Ion: 65 Resp: 221113  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 104.0

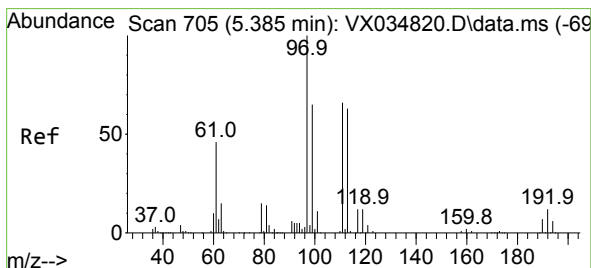
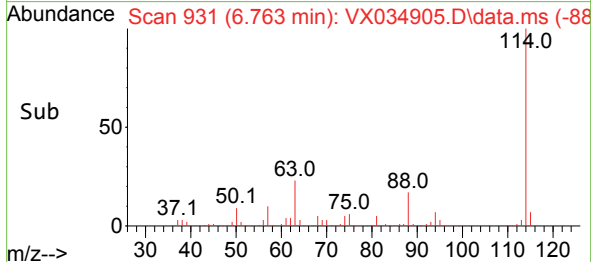
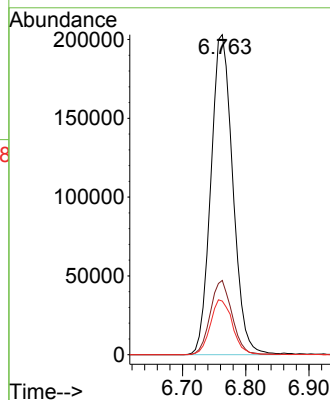
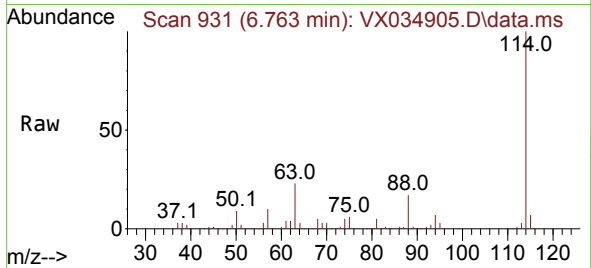




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

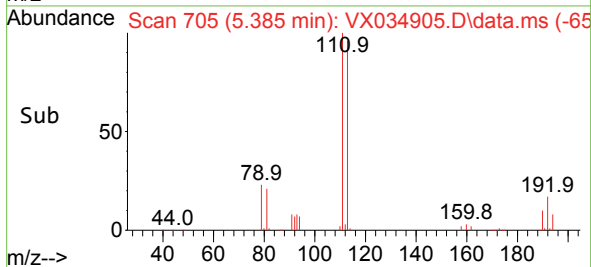
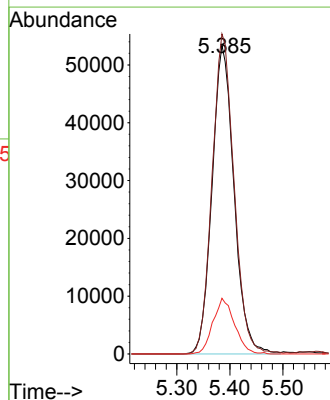
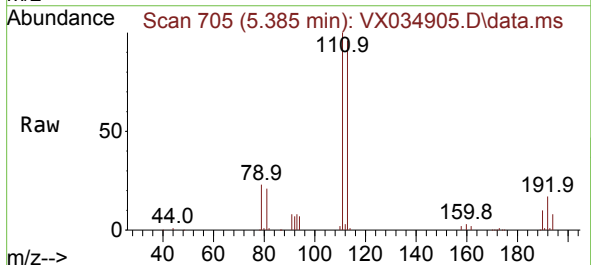
Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

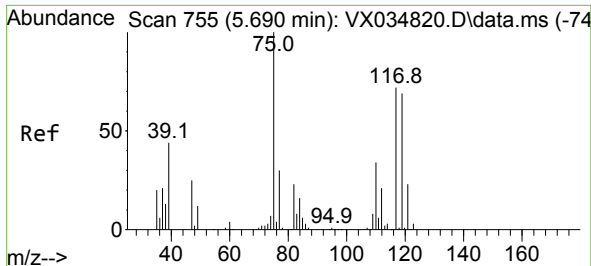
Tgt Ion:114 Resp: 488681  
Ion Ratio Lower Upper  
114 100  
63 23.2 0.0 42.2  
88 16.7 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.509 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Tgt Ion:113 Resp: 153561  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.7 125.5  
192 17.8 15.4 23.2

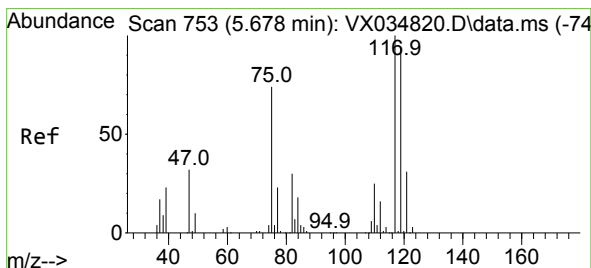
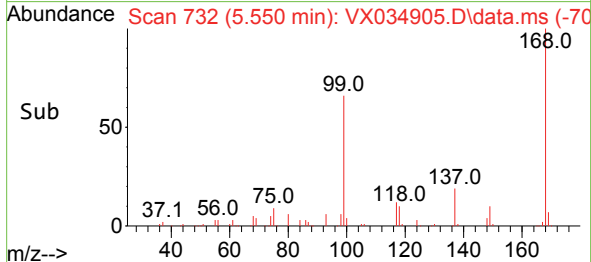
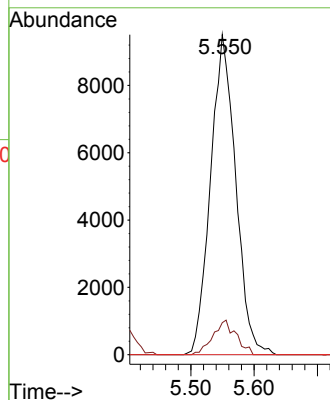
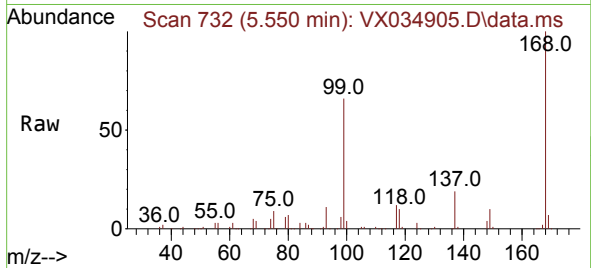




#36  
1,1-Dichloropropene  
Concen: 5.477 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.140 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

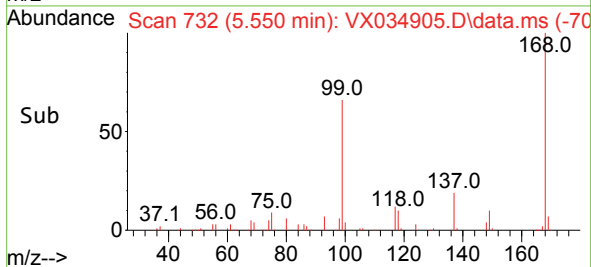
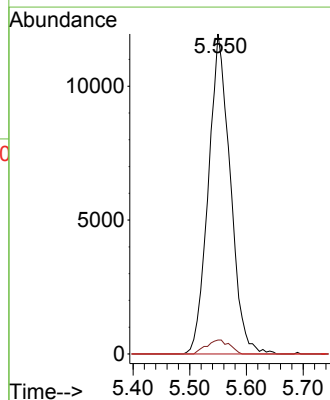
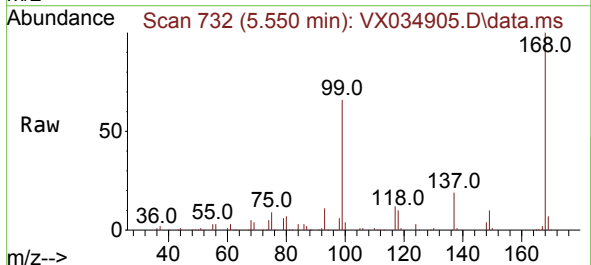
Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

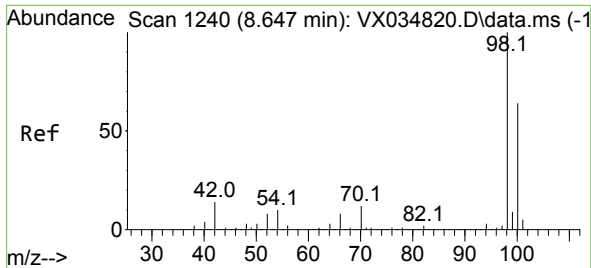
Tgt Ion: 75 Resp: 26229  
Ion Ratio Lower Upper  
75 100  
110 9.9 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 7.103 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Tgt Ion: 117 Resp: 32069  
Ion Ratio Lower Upper  
117 100  
119 4.3 76.6 114.8#  
121 0.0 23.8 35.6#

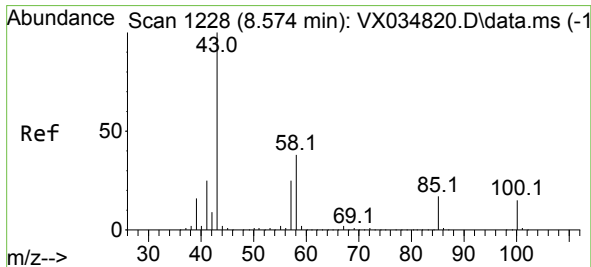
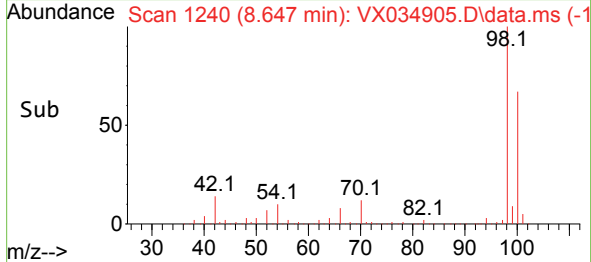
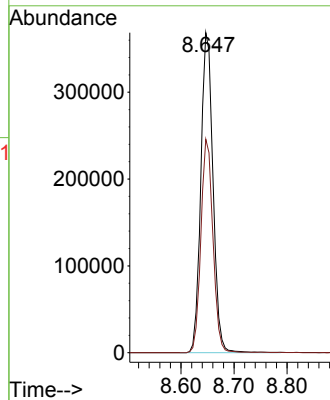
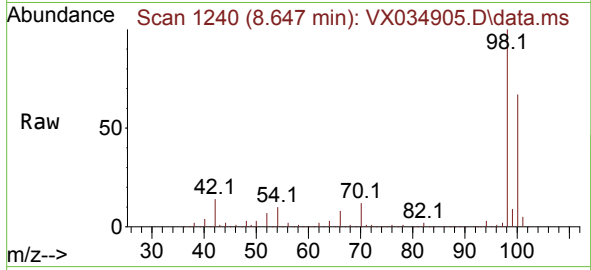




#50  
Toluene-d8  
Concen: 49.322 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

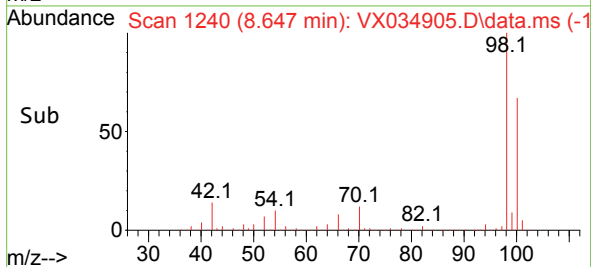
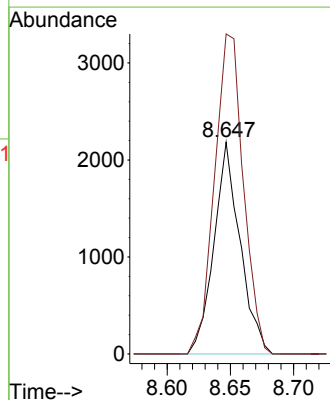
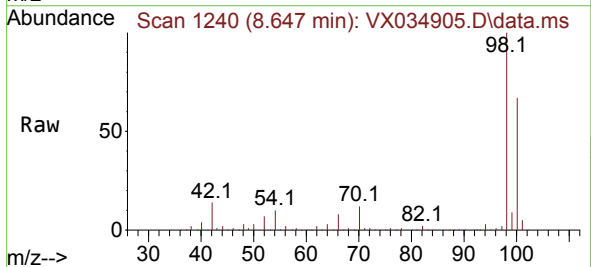
Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

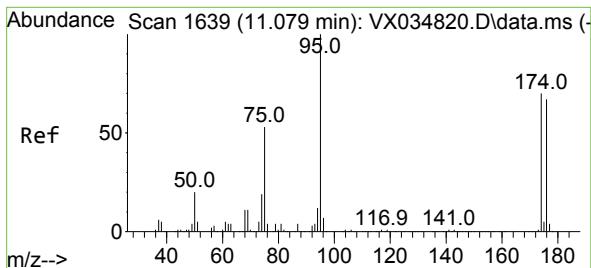
Tgt Ion: 98 Resp: 588432  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.5 78.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.633 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Tgt Ion: 43 Resp: 3136  
Ion Ratio Lower Upper  
43 100  
58 166.8 30.6 46.0#

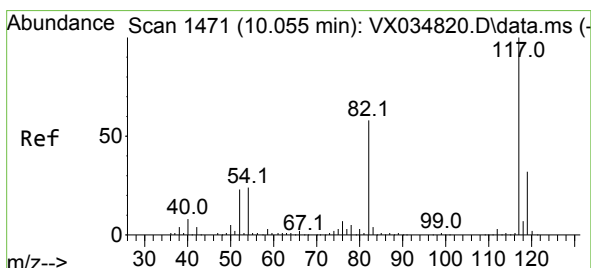
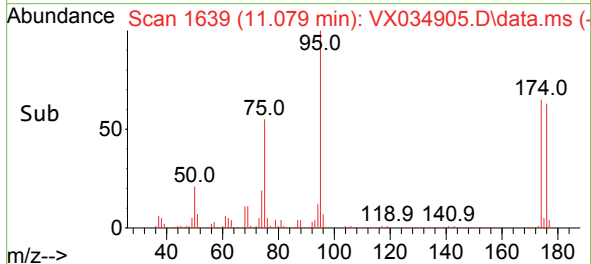
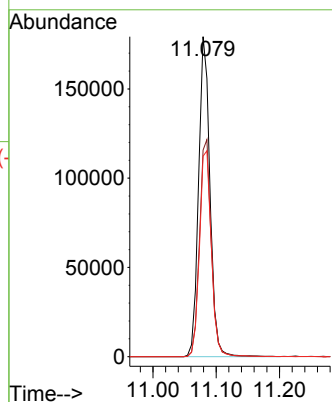
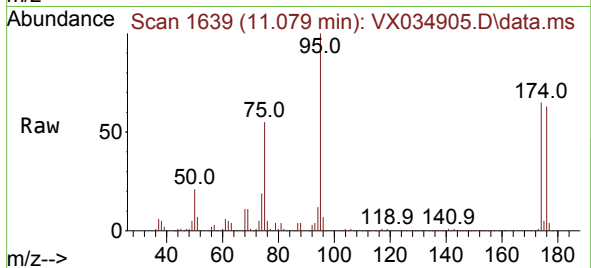




#62  
4-Bromofluorobenzene  
Concen: 48.699 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

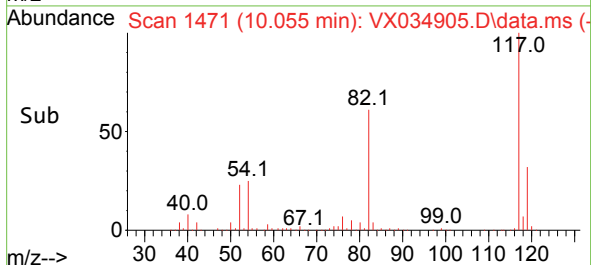
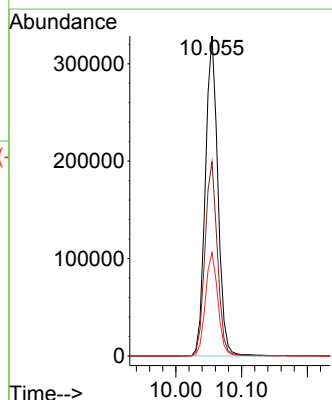
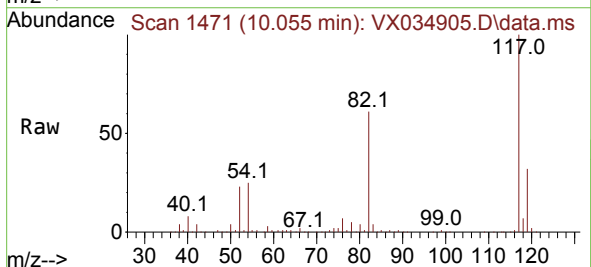
Instrument :  
MSVOA\_X  
ClientSampleId :  
SY-5

Tgt Ion: 95 Resp: 224833  
Ion Ratio Lower Upper  
95 100  
174 70.0 0.0 147.4  
176 67.3 0.0 140.6

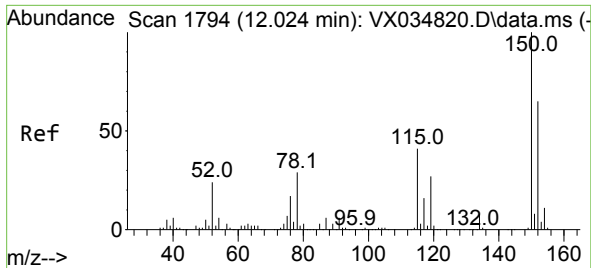


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034905.D  
Acq: 01 Apr 2023 06:10

Tgt Ion: 117 Resp: 434829  
Ion Ratio Lower Upper  
117 100  
82 60.6 45.0 67.4  
119 32.3 26.0 39.0



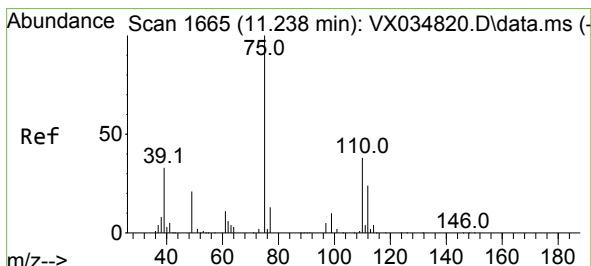
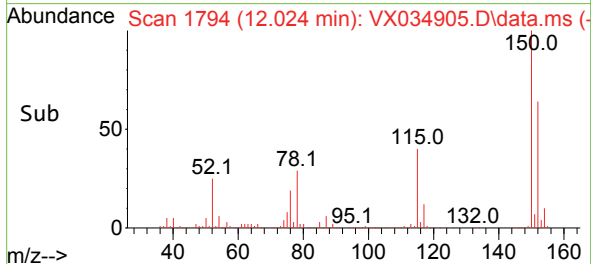
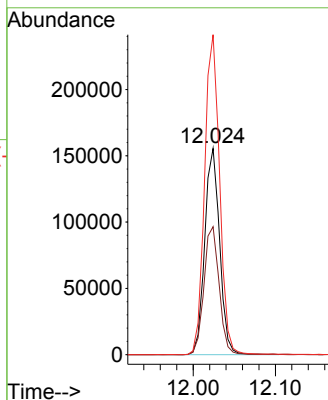
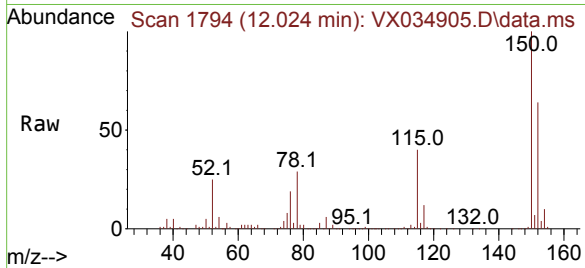




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034905.D  
 Acq: 01 Apr 2023 06:10

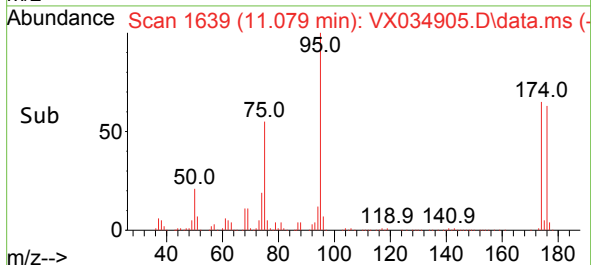
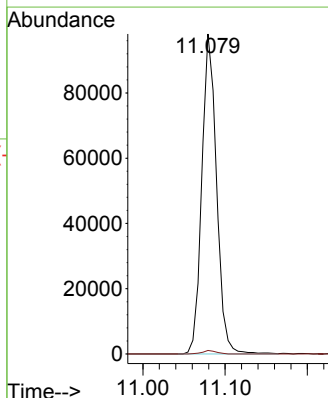
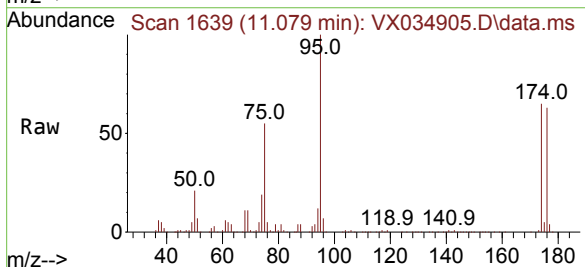
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SY-5

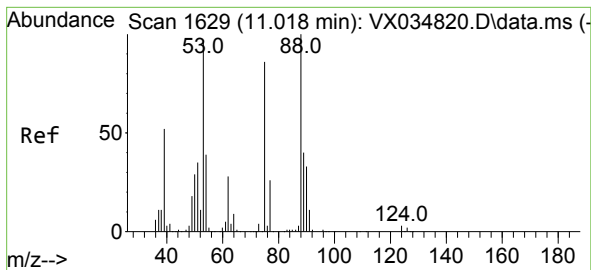
Tgt Ion:152 Resp: 196073  
 Ion Ratio Lower Upper  
 152 100  
 115 63.4 45.0 135.0  
 150 156.8 0.0 352.4



#76  
 1,2,3-Trichloropropane  
 Concen: 30.925 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX034905.D  
 Acq: 01 Apr 2023 06:10

Tgt Ion: 75 Resp: 122178  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 21.6 64.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 92.681 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX034905.D  
 Acq: 01 Apr 2023 06:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SY-5

Tgt Ion: 75 Resp: 122178  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.6 124.0#  
 89 0.0 36.9 55.3#

