

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102722\  
 Data File : VX032425.D  
 Acq On : 27 Oct 2022 13:57  
 Operator : JC/MD  
 Sample : N5290-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 257248-7

Quant Time: Oct 28 07:12:50 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

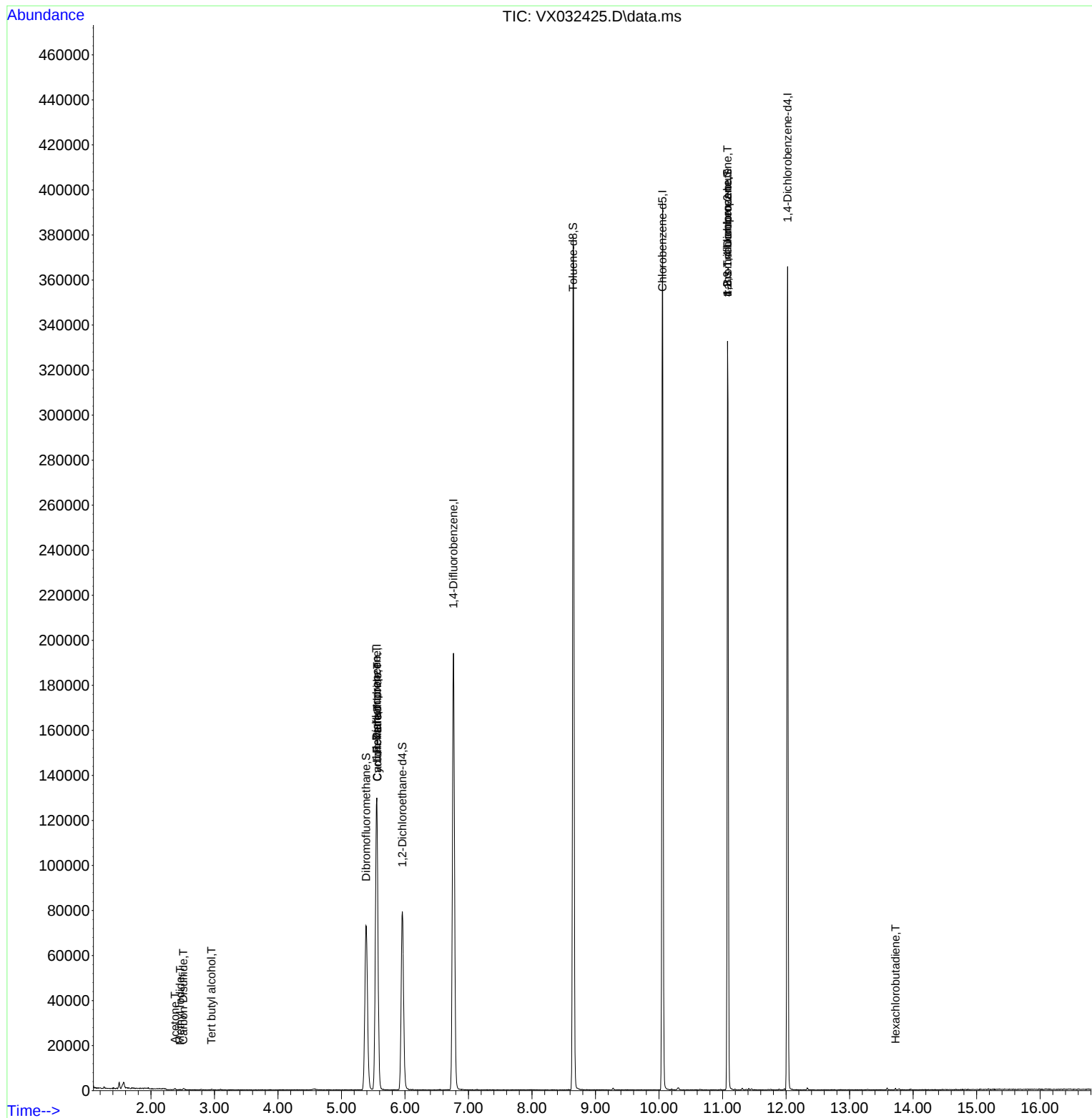
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 5.556          | 168  | 122311     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 194391     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 169508     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 72867      | 50.000  | ug/l   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 79846      | 46.983  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 93.960% |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 63332      | 45.674  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 91.340% |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 231528     | 48.019  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 96.040% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 84260      | 44.738  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 89.480% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 10) Methyl Iodide             | 2.459          | 142  | 142        | 2.010   | ug/l # | 37       |
| 11) Tert butyl alcohol        | 2.953          | 59   | 280        | 1.132   | ug/l # | 72       |
| 16) Acetone                   | 2.380          | 43   | 571        | 0.924   | ug/l # | 45       |
| 17) Carbon Disulfide          | 2.508          | 76   | 780        | 0.267   | ug/l # | 74       |
| 31) Cyclohexane               | 5.562          | 56   | 2799       | 1.358   | ug/l # | 34       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 9284       | 4.808   | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.562          | 117  | 12705      | 5.932   | ug/l # | 15       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 45310      | 27.950  | ug/l # | 37       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 45310      | 88.937  | ug/l # | 6        |
| 94) Hexachlorobutadiene       | 13.725         | 225  | 201        | 0.280   | ug/l # | 55       |
| -----                         |                |      |            |         |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102722\  
Data File : VX032425.D  
Acq On : 27 Oct 2022 13:57  
Operator : JC/MD  
Sample : N5290-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

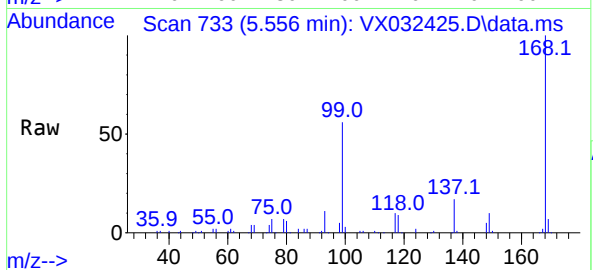
Quant Time: Oct 28 07:12:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration



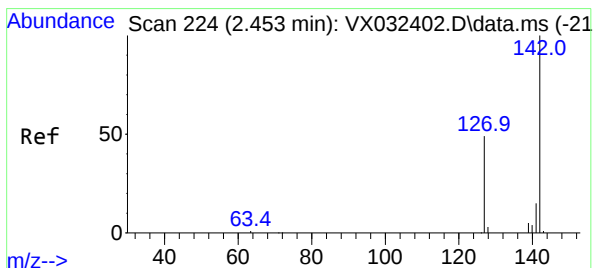
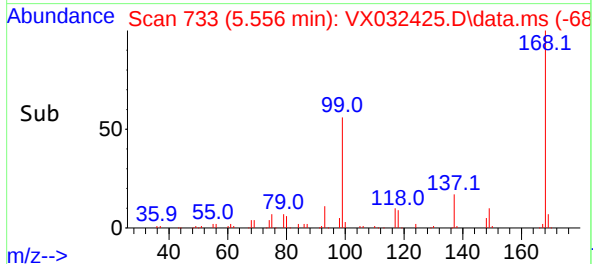
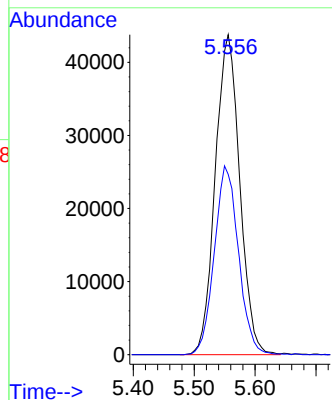


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

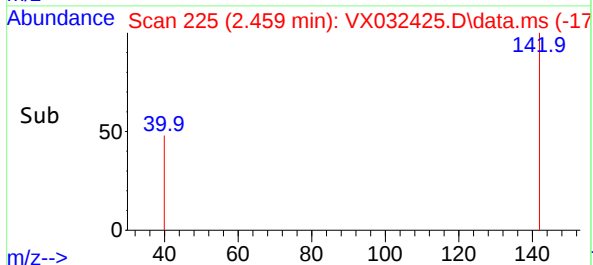
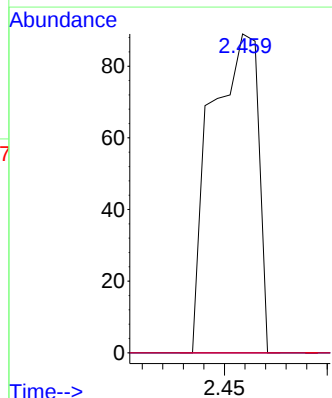
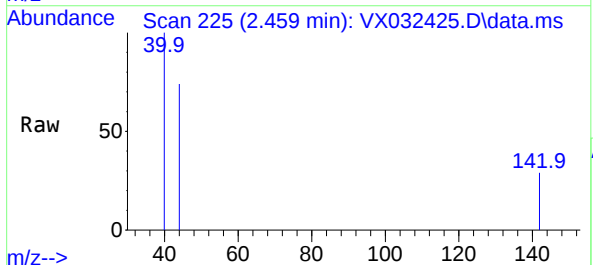


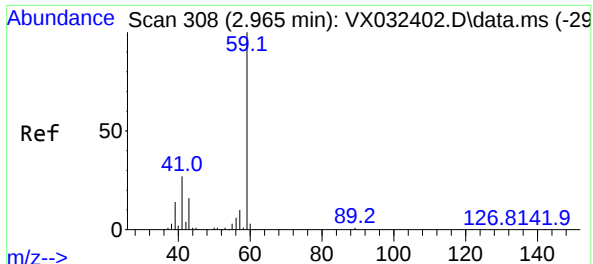
Tgt Ion:168 Resp: 122311  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.1 69.1



#10  
Methyl Iodide  
Concen: 2.010 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. 0.006 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion:142 Resp: 142  
Ion Ratio Lower Upper  
142 100  
127 0.0 38.6 57.8#  
141 0.0 11.4 17.2#

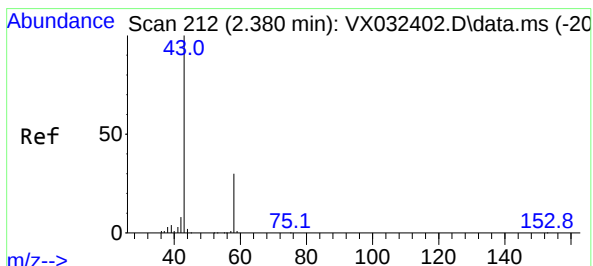
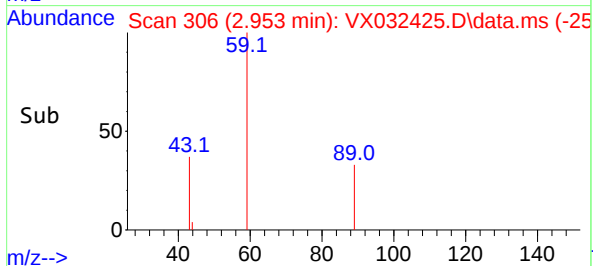
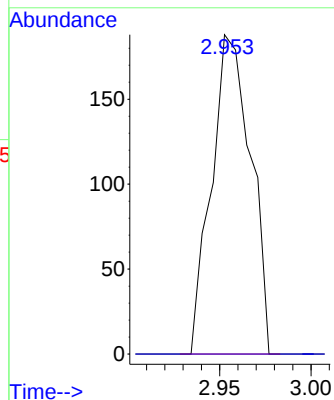
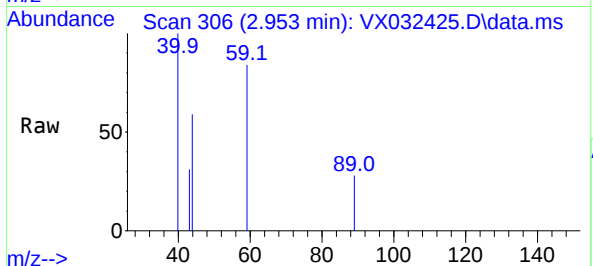




#11  
Tert butyl alcohol  
Concen: 1.132 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.012 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

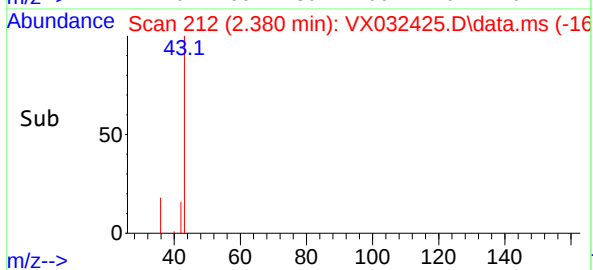
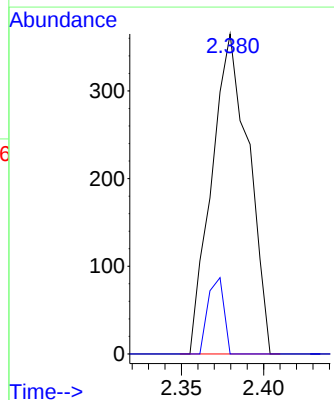
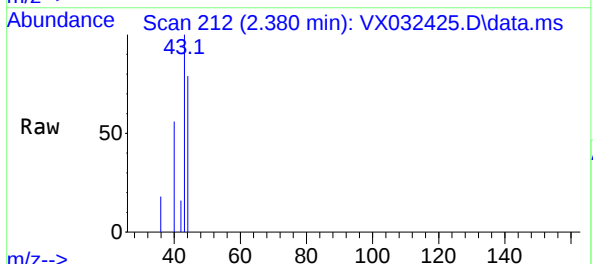
Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

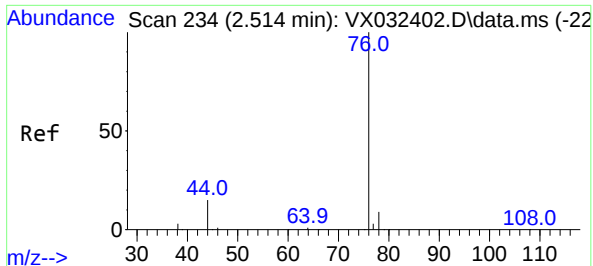
Tgt Ion: 59 Resp: 280  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.4#



#16  
Acetone  
Concen: 0.924 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion: 43 Resp: 571  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.8 35.8#

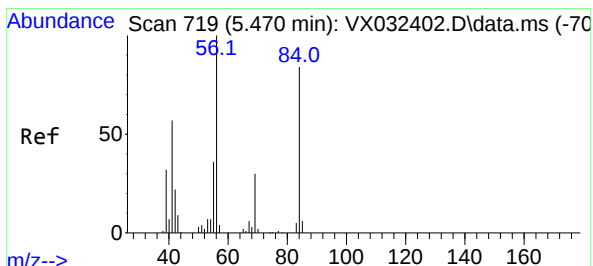
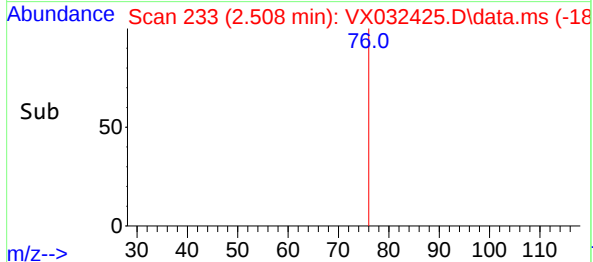
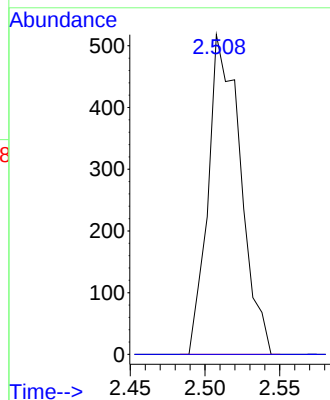
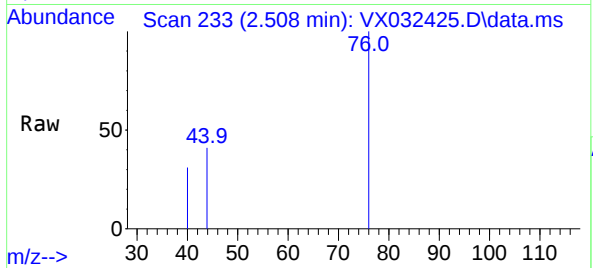




#17  
Carbon Disulfide  
Concen: 0.267 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

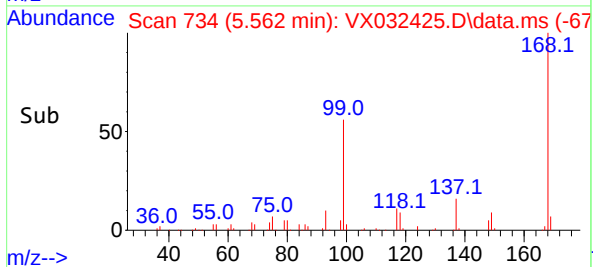
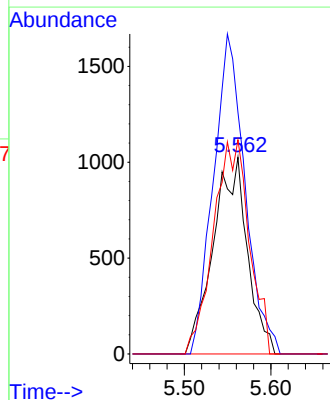
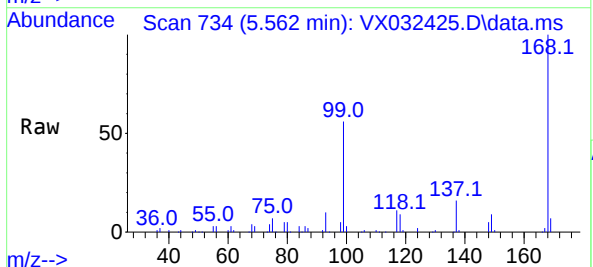
Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

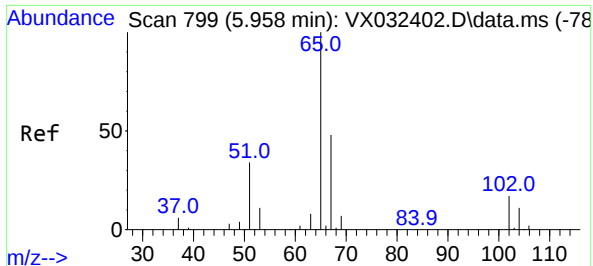
Tgt Ion: 76 Resp: 780  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.5 11.3#



#31  
Cyclohexane  
Concen: 1.358 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.091 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion: 56 Resp: 2799  
Ion Ratio Lower Upper  
56 100  
69 122.8 24.1 36.1#  
84 108.9 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 46.983 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032425.D

Acq: 27 Oct 2022 13:57

Instrument :

MSVOA\_X

ClientSampleId :

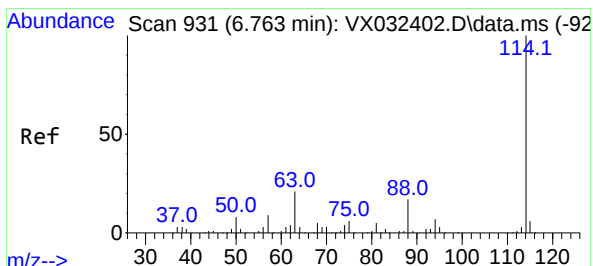
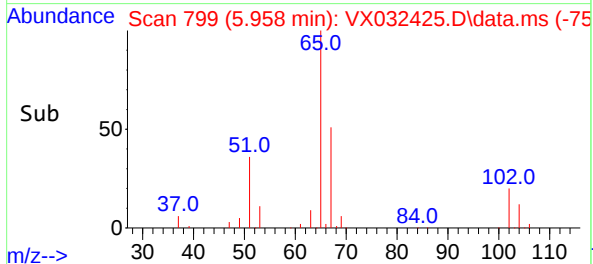
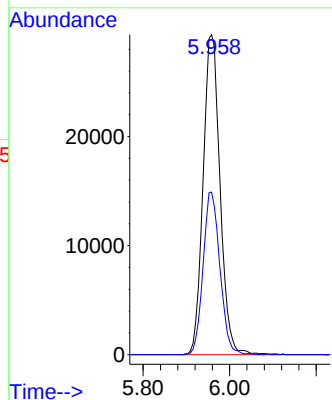
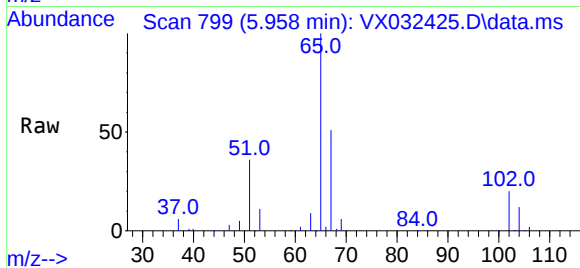
257248-7

Tgt Ion: 65 Resp: 79846

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# 931

Delta R.T. -0.000 min

Lab File: VX032425.D

Acq: 27 Oct 2022 13:57

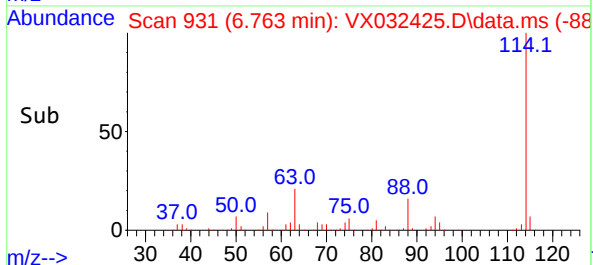
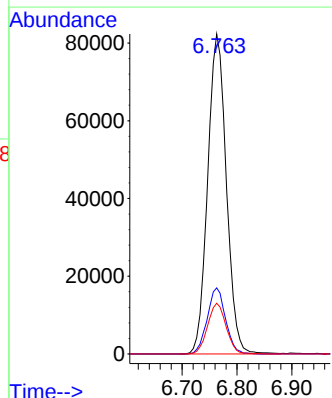
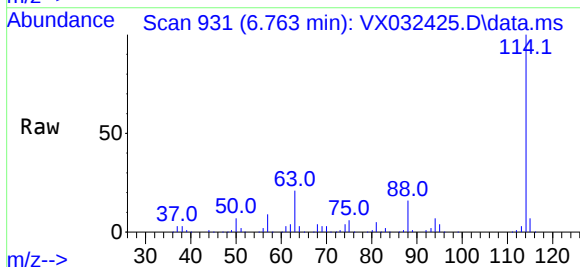
Tgt Ion: 114 Resp: 194391

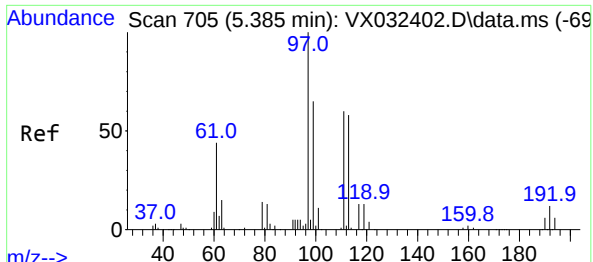
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

88 15.8 0.0 33.4

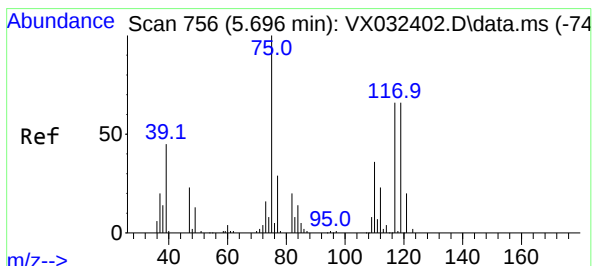
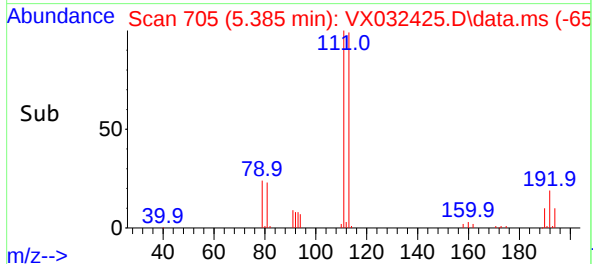
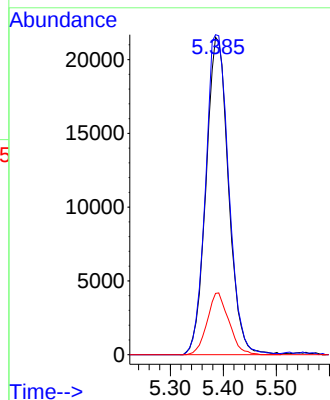
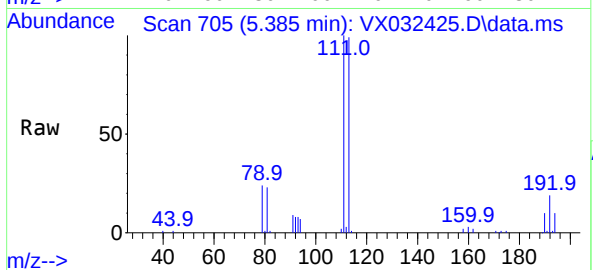




#35  
Dibromofluoromethane  
Concen: 45.674 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

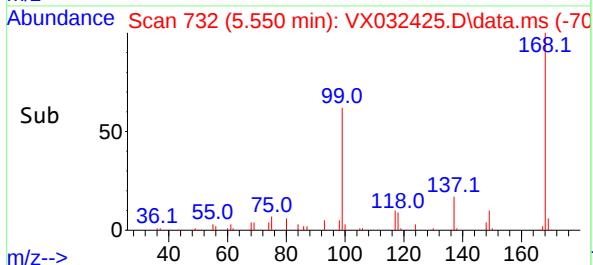
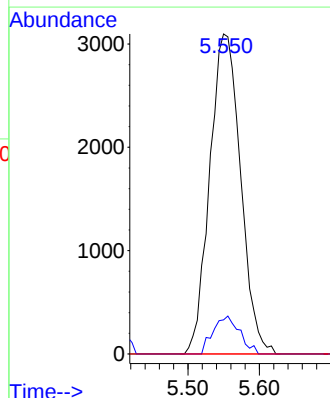
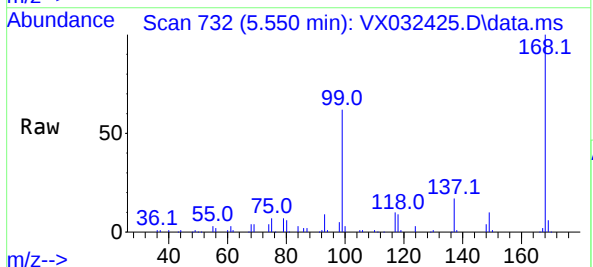
Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

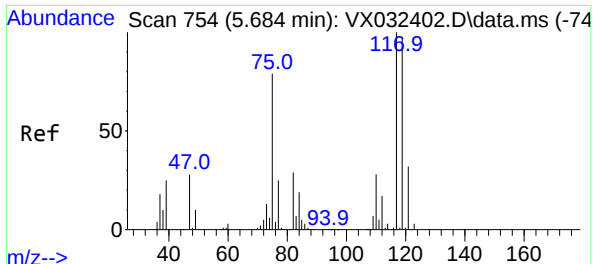
Tgt Ion:113 Resp: 63332  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.4 123.6  
192 18.8 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 4.808 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.146 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

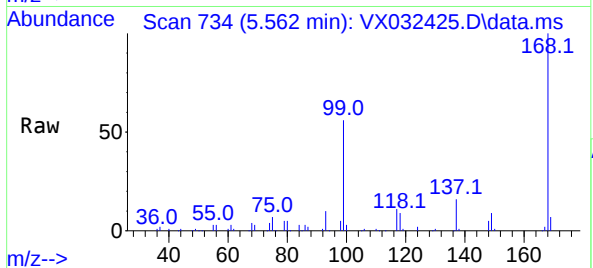
Tgt Ion: 75 Resp: 9284  
Ion Ratio Lower Upper  
75 100  
110 10.1 18.4 55.2#  
77 0.0 24.5 36.7#



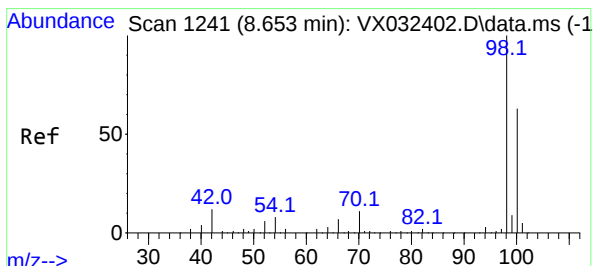
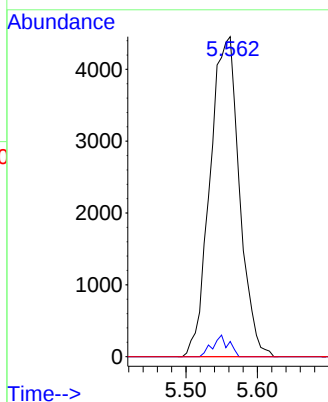
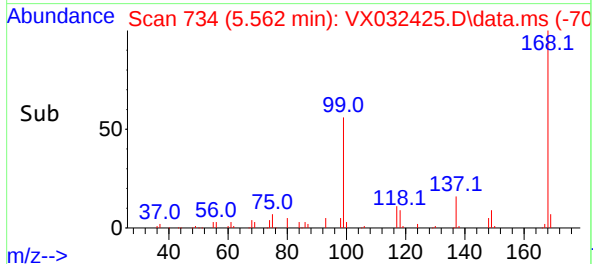


#38  
Carbon Tetrachloride  
Concen: 5.932 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

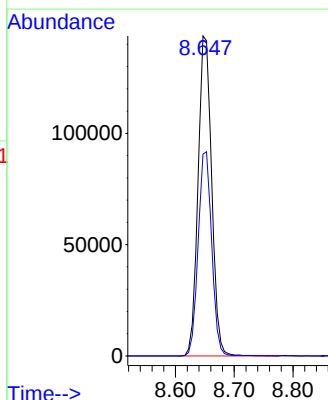
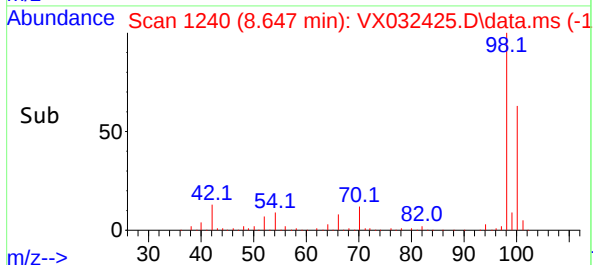
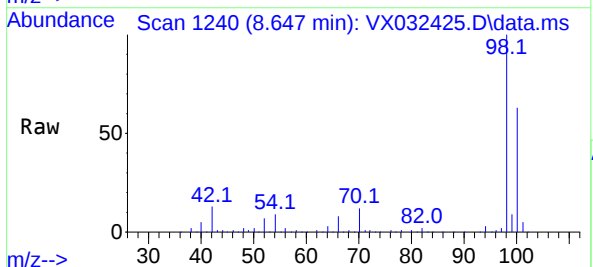


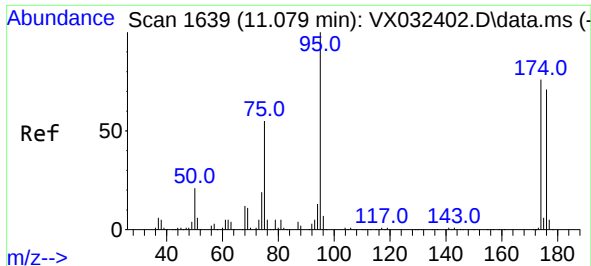
Tgt Ion:117 Resp: 12705  
Ion Ratio Lower Upper  
117 100  
119 4.7 77.2 115.8#  
121 0.0 25.8 38.6#



#50  
Toluene-d8  
Concen: 48.019 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion: 98 Resp: 231528  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.9 76.3

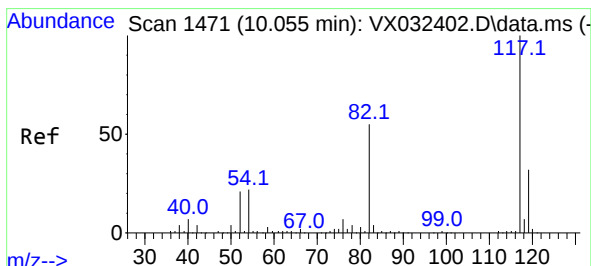
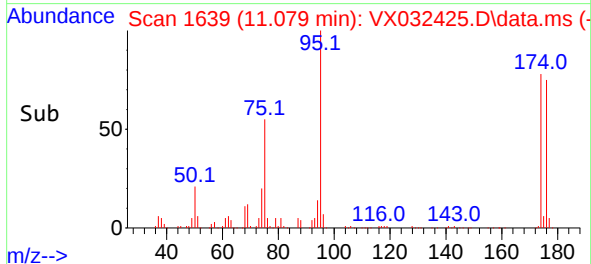
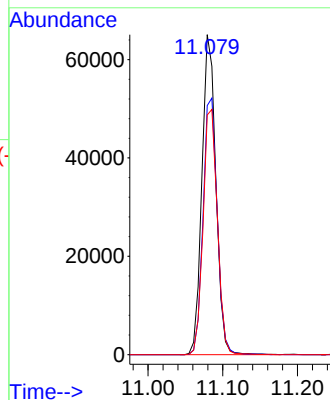
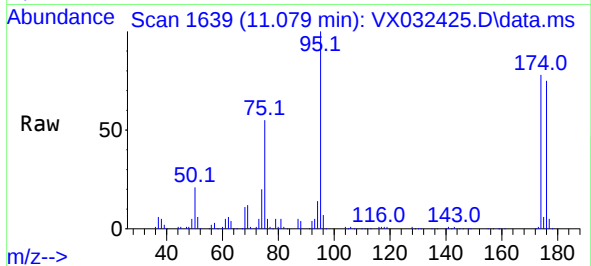




#62  
4-Bromofluorobenzene  
Concen: 44.738 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

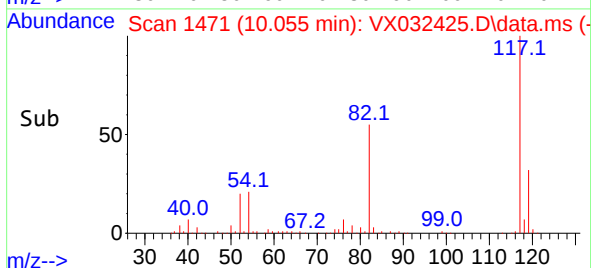
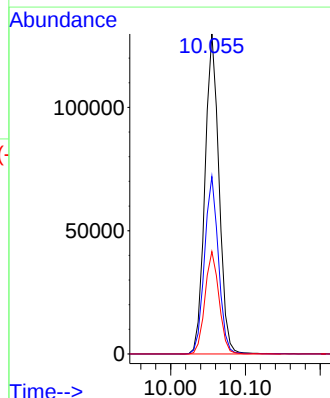
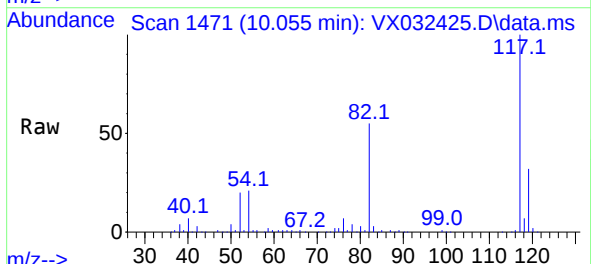
Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

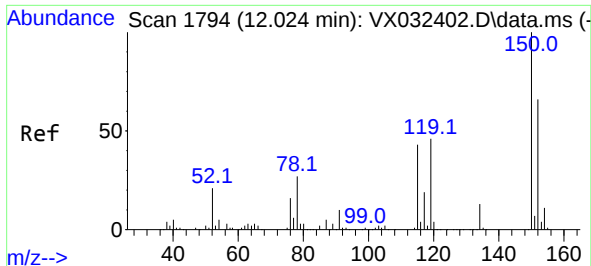
Tgt Ion: 95 Resp: 84260  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 164.0  
176 78.8 0.0 154.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

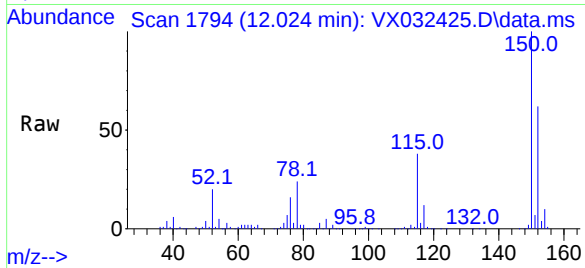
Tgt Ion: 117 Resp: 169508  
Ion Ratio Lower Upper  
117 100  
82 55.5 44.3 66.5  
119 32.0 25.7 38.5



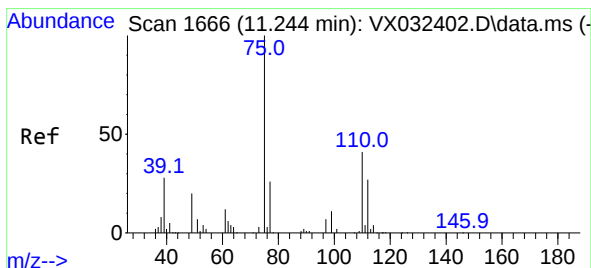
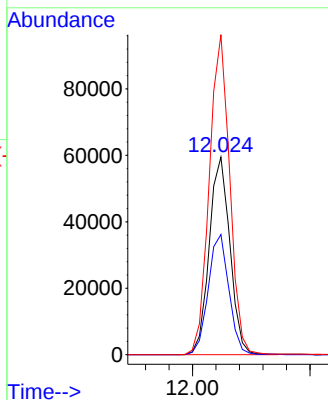
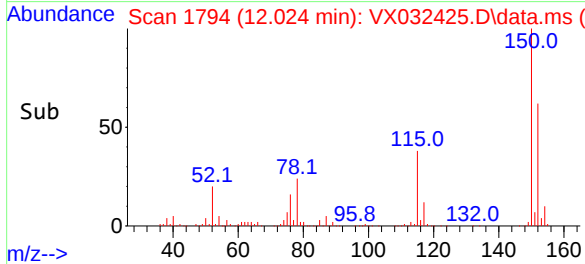


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

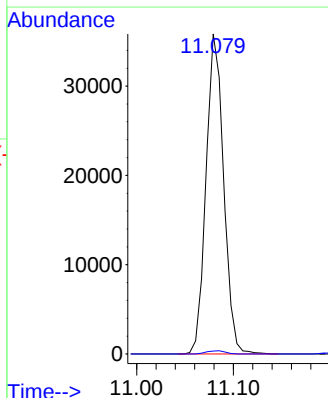
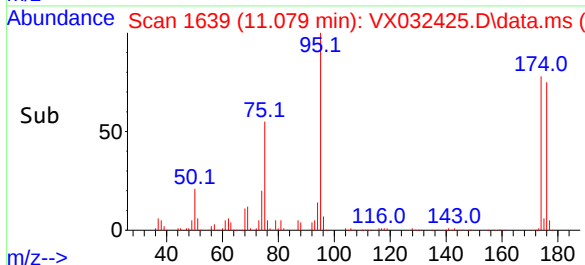
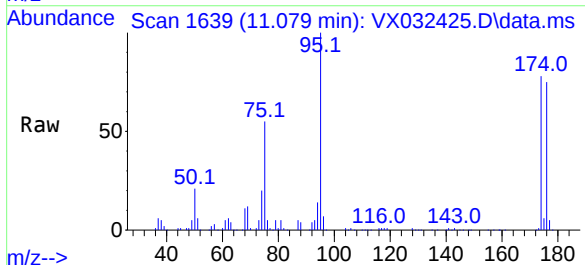


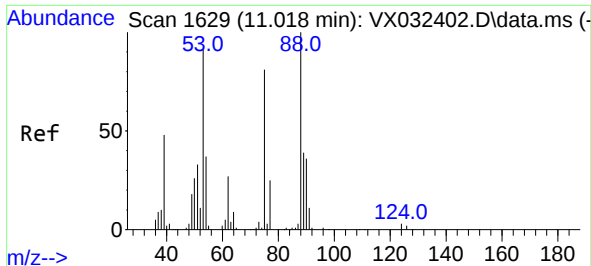
Tgt Ion:152 Resp: 72867  
Ion Ratio Lower Upper  
152 100  
115 60.8 44.0 132.0  
150 159.8 0.0 351.8



#76  
1,2,3-Trichloropropane  
Concen: 27.950 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion: 75 Resp: 45310  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.0 60.0#

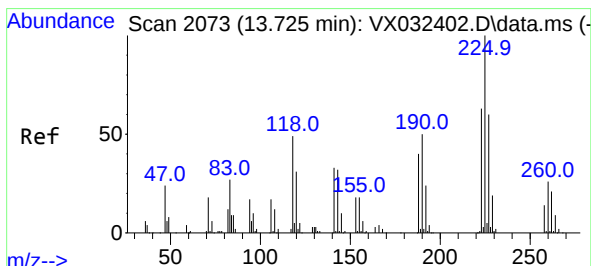
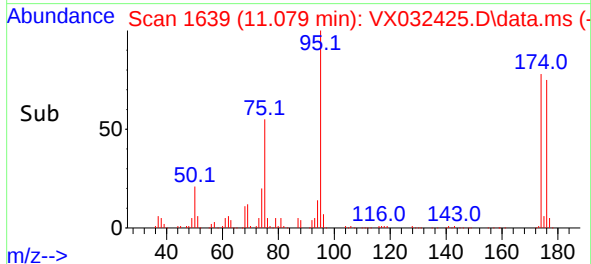
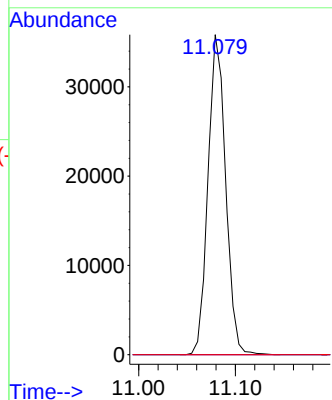
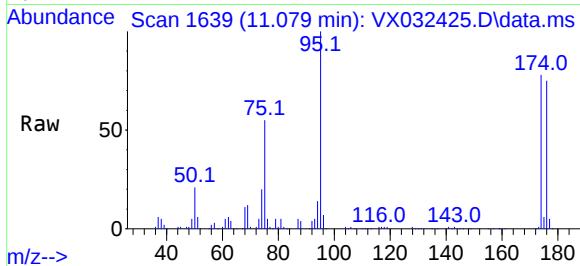




#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.937 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
257248-7

Tgt Ion: 75 Resp: 45310  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.9 130.3#  
89 0.0 38.3 57.5#



#94  
Hexachlorobutadiene  
Concen: 0.280 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX032425.D  
Acq: 27 Oct 2022 13:57

Tgt Ion: 225 Resp: 201  
Ion Ratio Lower Upper  
225 100  
223 19.9 31.9 95.9#  
227 37.3 31.9 95.5

