

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034784.D  
 Acq On : 28 Mar 2023 11:14  
 Operator : JC/MD  
 Sample : 01950-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

Quant Time: Mar 28 15:17:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 09:11:00 2023  
 Response via : Initial Calibration

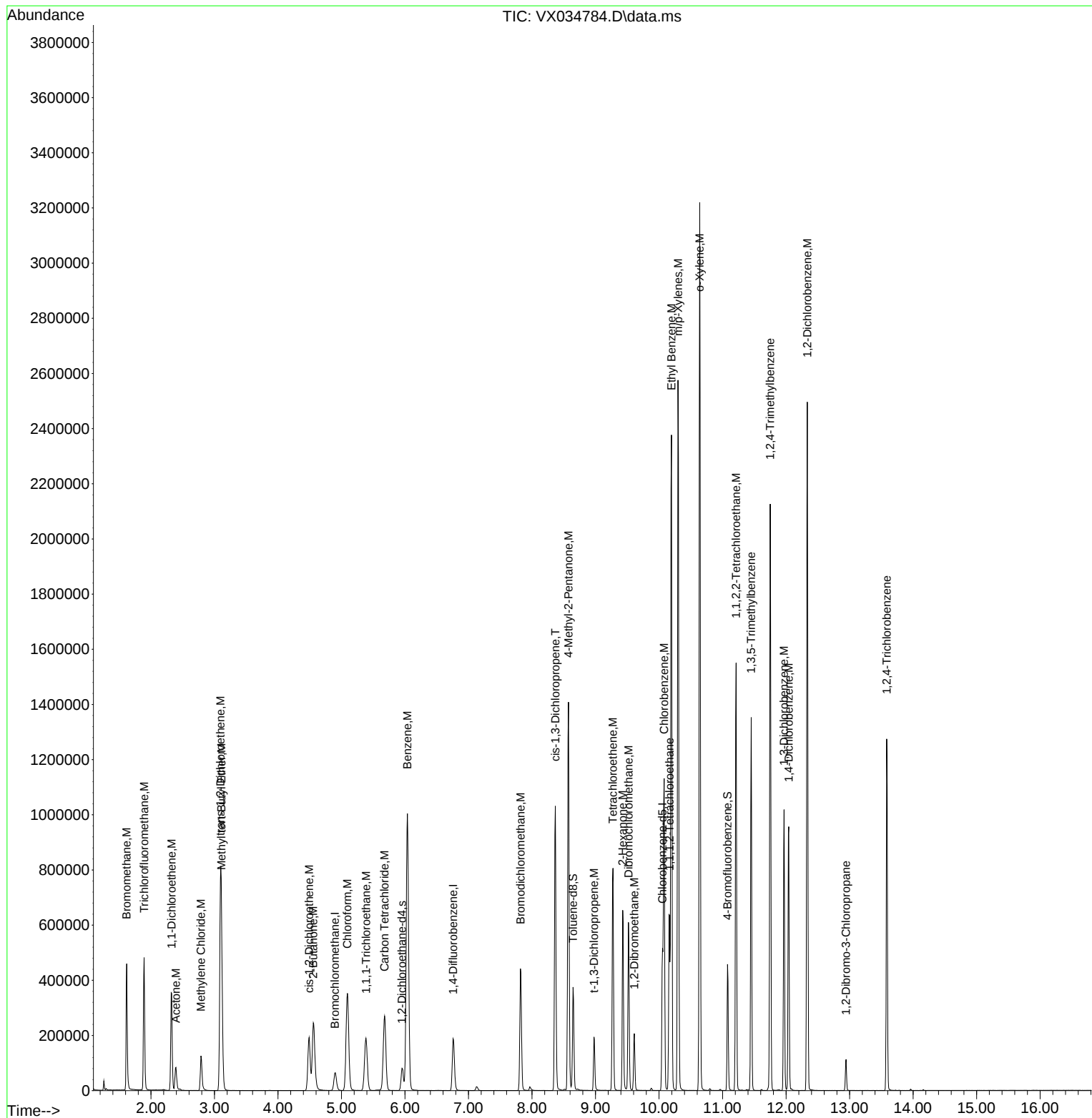
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) Bromochloromethane         | 4.897  | 128   | 25785    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene       | 6.757  | 114   | 189794   | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5          | 10.055 | 117   | 205036   | 30.000   | ug/l  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4     | 5.952  | 65    | 77547    | 31.300   | ug/l  | 0.00     |
| Spiked Amount                 | 30.000 | Range | 91 - 110 | Recovery | =     | 104.333% |
| 60) 4-Bromofluorobenzene      | 11.079 | 95    | 119512   | 29.171   | ug/l  | 0.00     |
| Spiked Amount                 | 30.000 | Range | 63 - 112 | Recovery | =     | 97.233%  |
| 63) Toluene-d8                | 8.647  | 98    | 211413   | 30.341   | ug/l  | 0.00     |
| Spiked Amount                 | 30.000 | Range | 91 - 112 | Recovery | =     | 101.133% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Bromomethane               | 1.618  | 94    | 194700   | 94.610   | ug/l  | 99       |
| 7) Trichlorofluoromethane     | 1.892  | 101   | 289360   | 58.062   | ug/l  | 98       |
| 10) 1,1-Dichloroethene        | 2.325  | 96    | 113485   | 44.340   | ug/l  | 99       |
| 15) Acetone                   | 2.392  | 58    | 29875    | 70.507   | ug/l  | 98       |
| 18) Methylene Chloride        | 2.788  | 84    | 56559    | 18.760   | ug/l  | 95       |
| 19) trans-1,2-Dichloroethene  | 3.093  | 96    | 208030   | 74.279   | ug/l  | 95       |
| 22) cis-1,2-Dichloroethene    | 4.489  | 96    | 117001   | 35.870   | ug/l  | 89       |
| 24) Methyl tert-Butyl Ether   | 3.111  | 73    | 477997   | 50.258   | ug/l  | 99       |
| 25) Chloroform                | 5.093  | 83    | 416814   | 75.533   | ug/l  | 99       |
| 30) 2-Butanone                | 4.556  | 43    | 458393   | 188.296  | ug/l  | 100      |
| 32) 1,1,1-Trichloroethane     | 5.385  | 97    | 183637   | 35.859   | ug/l  | 99       |
| 33) Carbon Tetrachloride      | 5.678  | 117   | 237473   | 56.186   | ug/l  | 95       |
| 34) Benzene                   | 6.038  | 78    | 1170619  | 92.279   | ug/l  | 98       |
| 41) Bromodichloromethane      | 7.818  | 83    | 270039   | 63.291   | ug/l  | 99       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75    | 86346    | 18.574   | ug/l  | 98       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75    | 490195   | 95.981   | ug/l  | 98       |
| 53) Dibromochloromethane      | 9.519  | 129   | 240733   | 77.113   | ug/l  | 98       |
| 54) 1,2-Dibromoethane         | 9.610  | 107   | 111102   | 32.914   | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43    | 833516   | 177.306  | ug/l  | 100      |
| 59) 2-Hexanone                | 9.427  | 43    | 354573   | 100.177  | ug/l  | 100      |
| 61) Tetrachloroethene         | 9.275  | 164   | 142385   | 51.538   | ug/l  | 97       |
| 64) Chlorobenzene             | 10.079 | 112   | 463404   | 56.129   | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131   | 137351   | 46.536   | ug/l  | 98       |
| 66) Ethyl Benzene             | 10.195 | 91    | 1325048  | 88.736   | ug/l  | 99       |
| 67) m/p-Xylenes               | 10.299 | 106   | 566623   | 99.729   | ug/l  | 99       |
| 68) o-Xylene                  | 10.640 | 106   | 637788   | 113.512  | ug/l  | 98       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83    | 565386   | 118.286  | ug/l  | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 544104   | 44.449   | ug/l  | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 879093   | 72.269   | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146   | 294796   | 44.700   | ug/l  | 99       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146   | 293749   | 44.354   | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146   | 713831   | 110.614  | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75    | 21103    | 20.203   | ug/l  | 93       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180   | 277578   | 71.703   | ug/l  | 100      |
| -----                         |        |       |          |          |       |          |

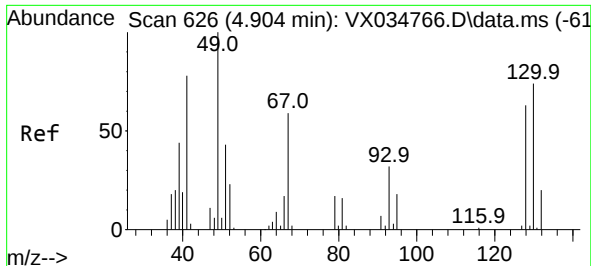
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Tue Mar 28 09:11:00 2023  
Response via : Initial Calibration

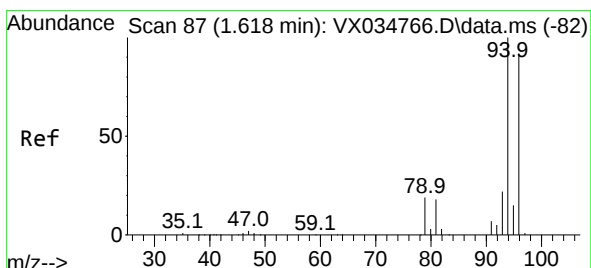
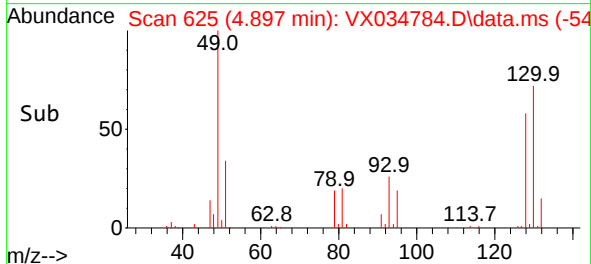
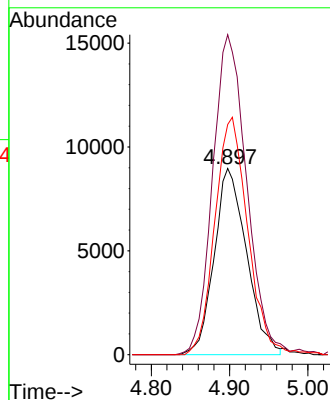
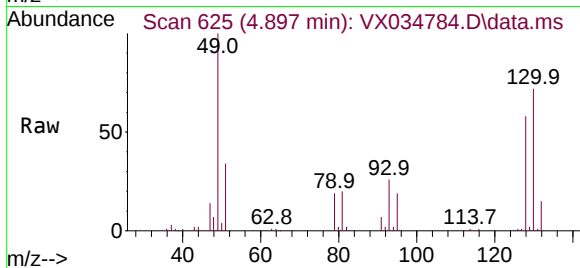




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.897 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

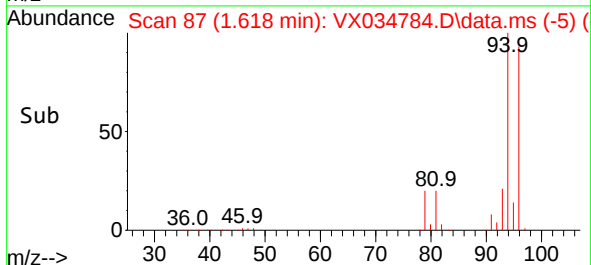
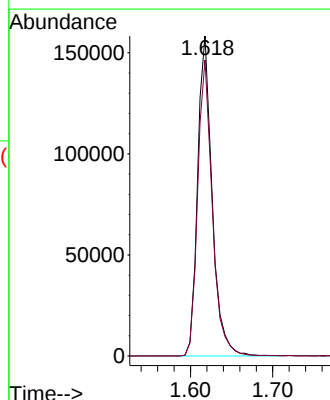
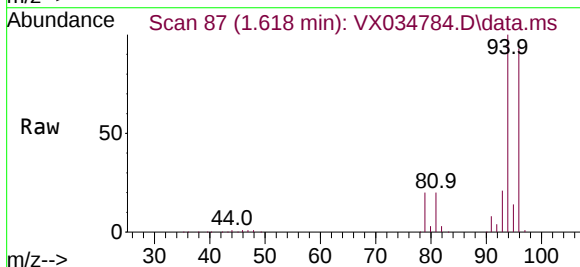
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

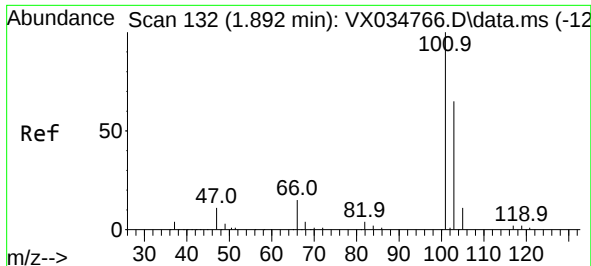
Tgt Ion:128 Resp: 25785  
Ion Ratio Lower Upper  
128 100  
49 180.0 0.0 428.8  
130 128.9 0.0 310.8



#5  
Bromomethane  
Concen: 94.610 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 94 Resp: 194700  
Ion Ratio Lower Upper  
94 100  
96 92.5 73.4 110.0

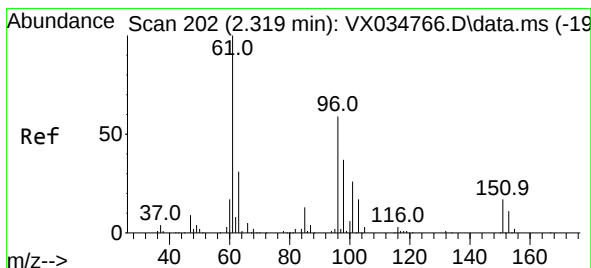
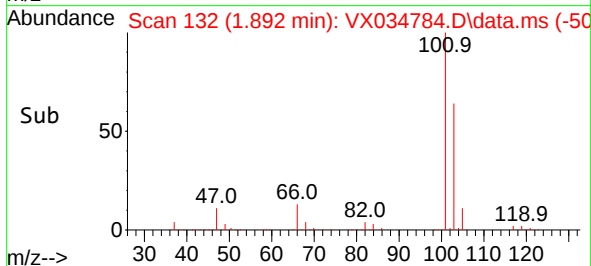
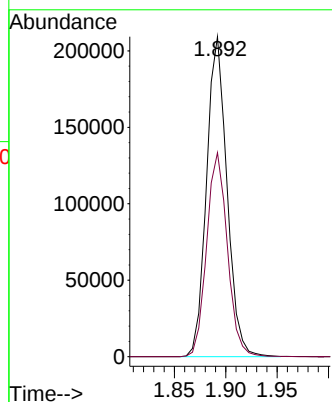
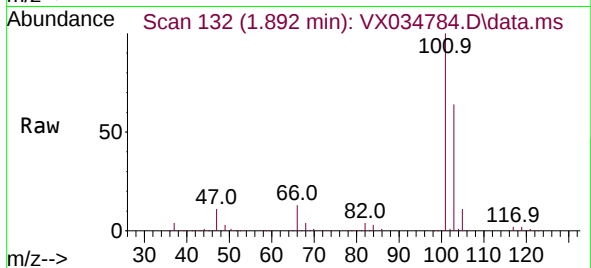




#7  
 Trichlorofluoromethane  
 Concen: 58.062 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034784.D  
 Acq: 28 Mar 2023 11:14

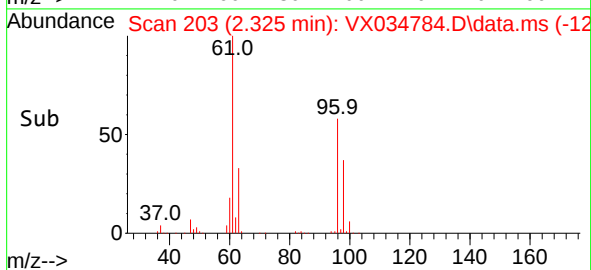
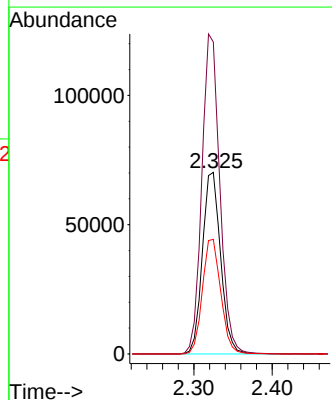
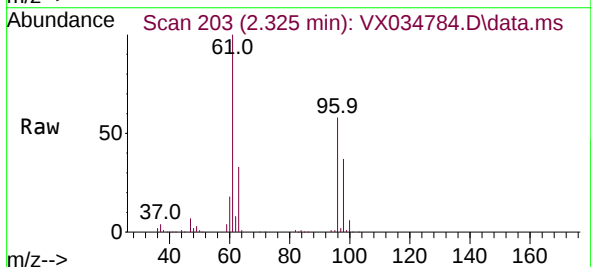
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

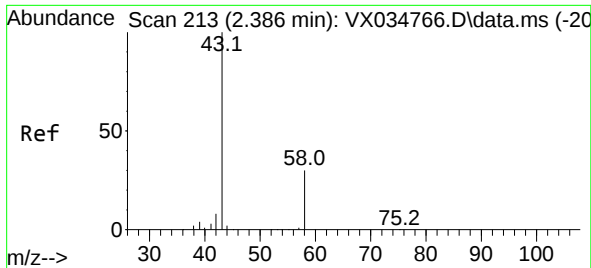
Tgt Ion:101 Resp: 289360  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 52.1 78.1



#10  
 1,1-Dichloroethene  
 Concen: 44.340 ug/l  
 RT: 2.325 min Scan# 203  
 Delta R.T. 0.006 min  
 Lab File: VX034784.D  
 Acq: 28 Mar 2023 11:14

Tgt Ion: 96 Resp: 113485  
 Ion Ratio Lower Upper  
 96 100  
 61 171.9 135.8 203.6  
 98 63.1 49.8 74.6

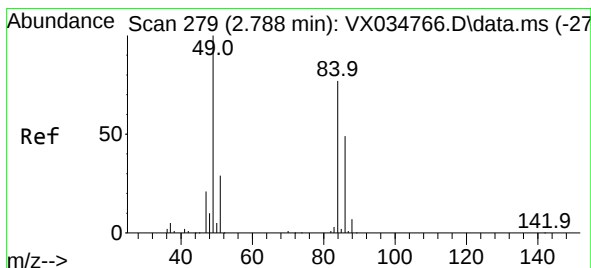
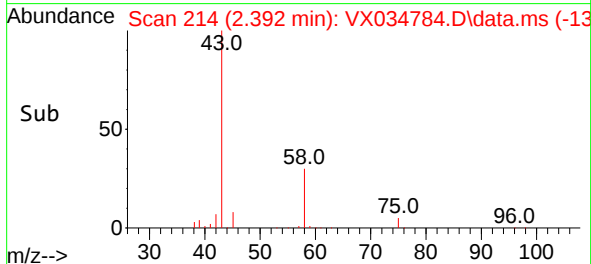
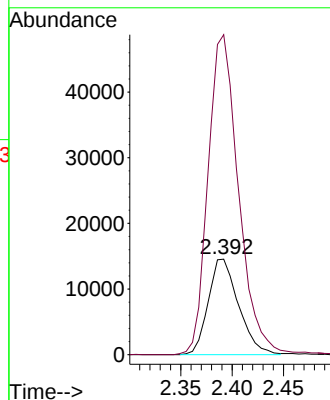
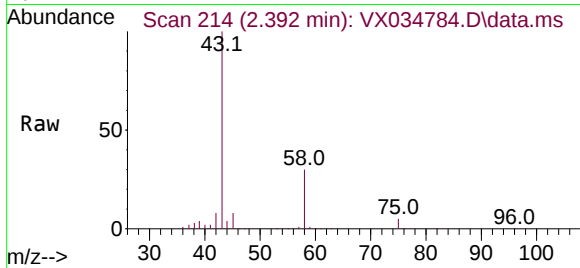




#15  
Acetone  
Concen: 70.507 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

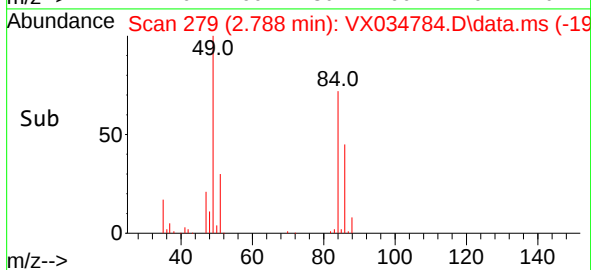
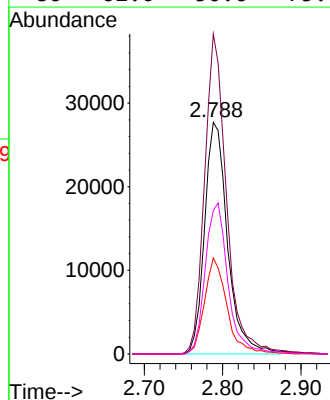
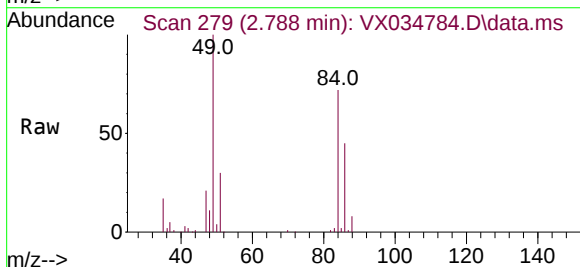
Instrument :  
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ClientSampleId :  
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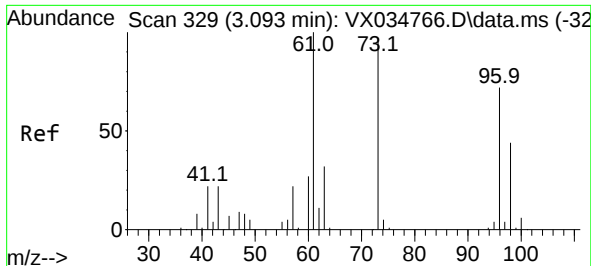
Tgt Ion: 58 Resp: 29875  
Ion Ratio Lower Upper  
58 100  
43 333.5 270.8 406.2



#18  
Methylene Chloride  
Concen: 18.760 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 84 Resp: 56559  
Ion Ratio Lower Upper  
84 100  
49 138.2 103.9 155.9  
51 41.5 30.6 45.8  
86 62.0 50.6 75.8

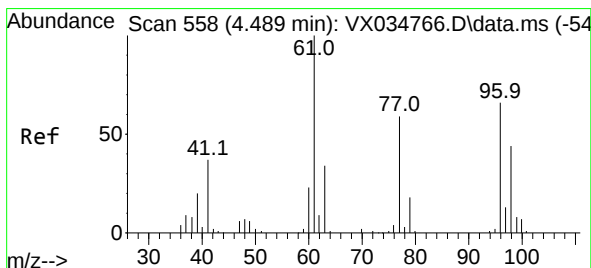
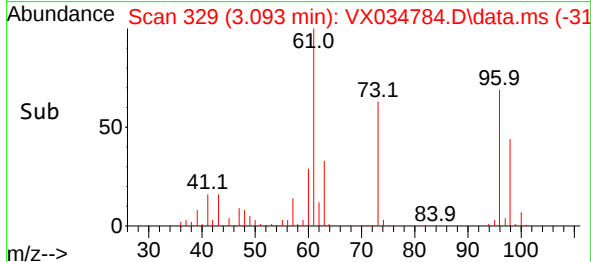
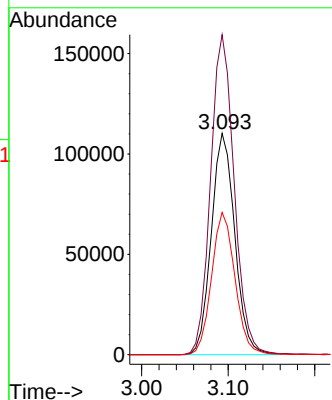
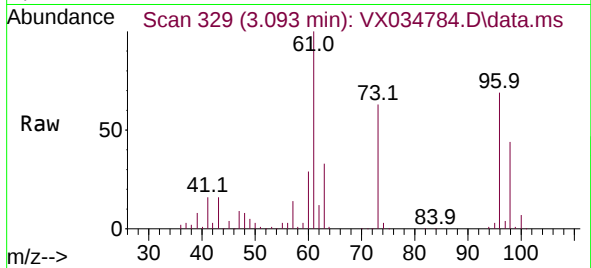




#19  
trans-1,2-Dichloroethene  
Concen: 74.279 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

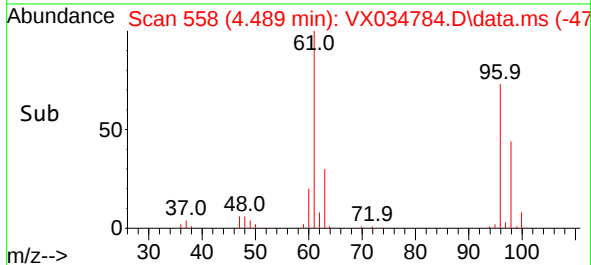
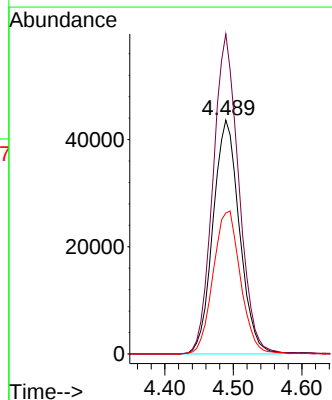
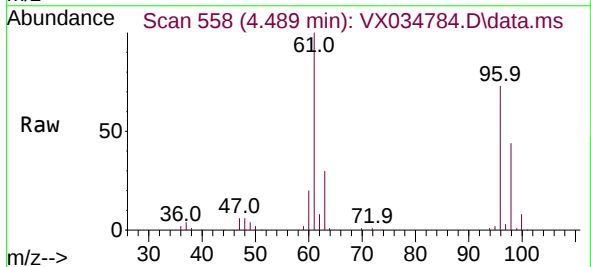
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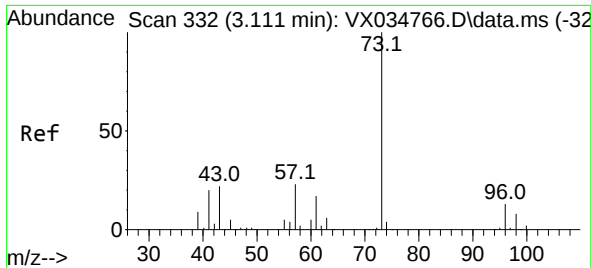
Tgt Ion: 96 Resp: 208030  
Ion Ratio Lower Upper  
96 100  
61 144.6 111.1 166.7  
98 64.3 48.6 72.8



#22  
cis-1,2-Dichloroethene  
Concen: 35.870 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 96 Resp: 117001  
Ion Ratio Lower Upper  
96 100  
61 133.3 121.7 182.5  
98 63.1 52.2 78.2

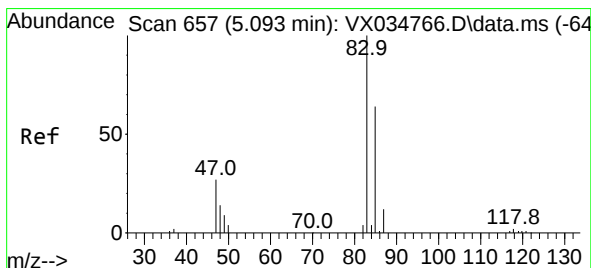
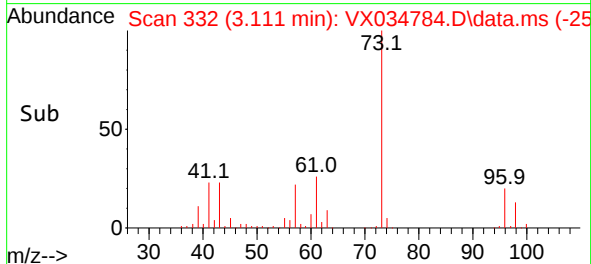
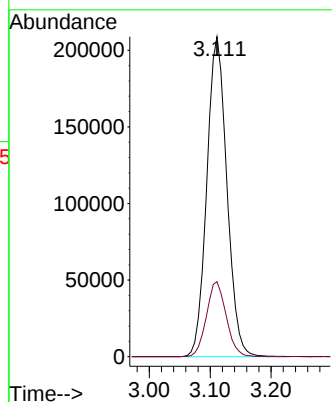
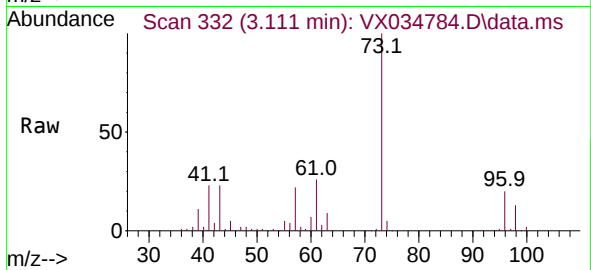




#24  
Methyl tert-Butyl Ether  
Concen: 50.258 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

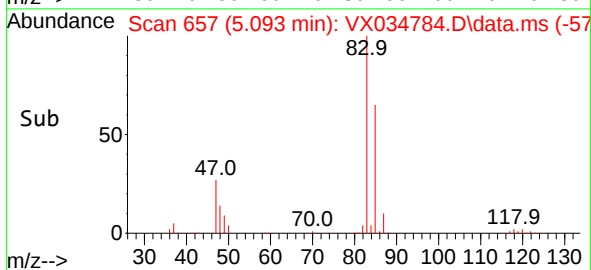
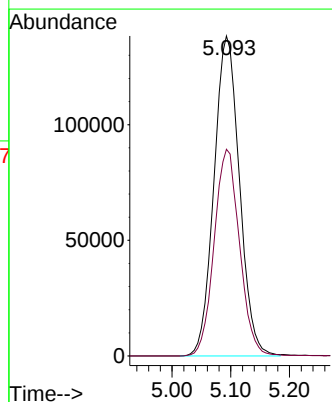
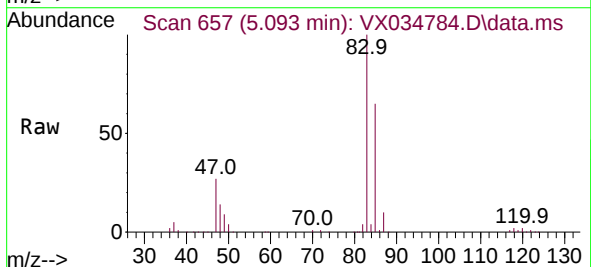
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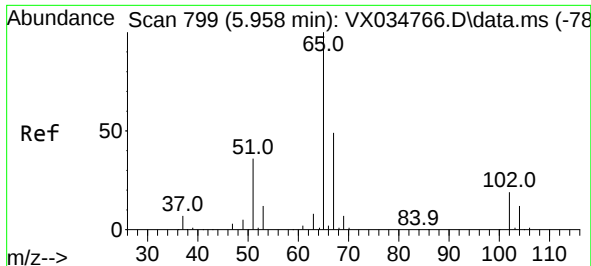
Tgt Ion: 73 Resp: 477997  
Ion Ratio Lower Upper  
73 100  
43 23.1 17.9 26.9



#25  
Chloroform  
Concen: 75.533 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 83 Resp: 416814  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.2 76.8





#27

1,2-Dichloroethane-d4

Concen: 31.300 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

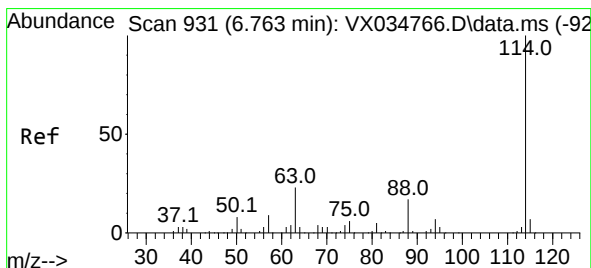
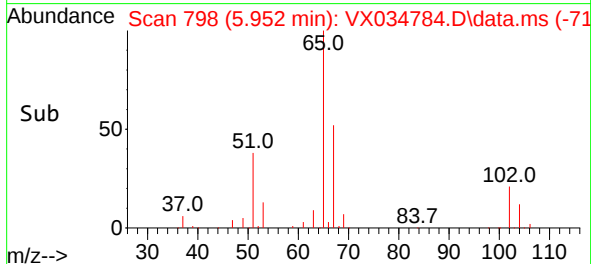
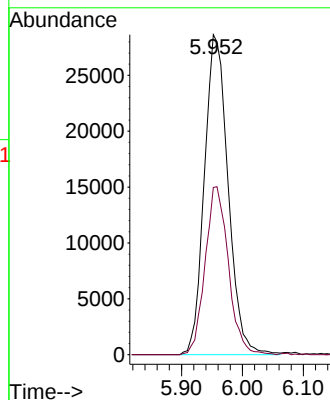
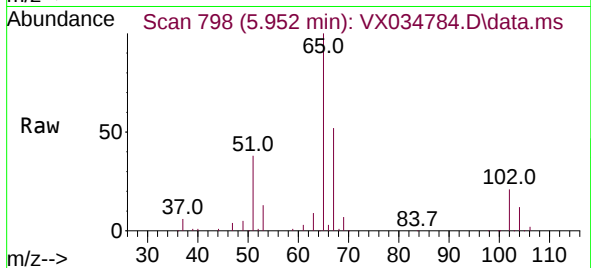
PT-VOA-WP

Tgt Ion: 65 Resp: 77547

Ion Ratio Lower Upper

65 100

67 51.5 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

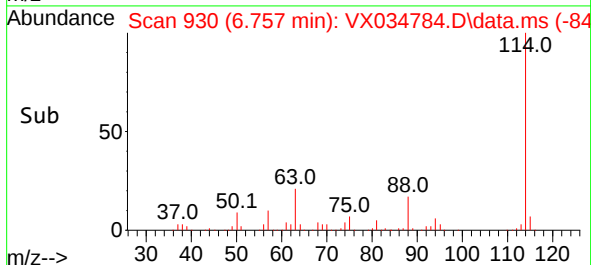
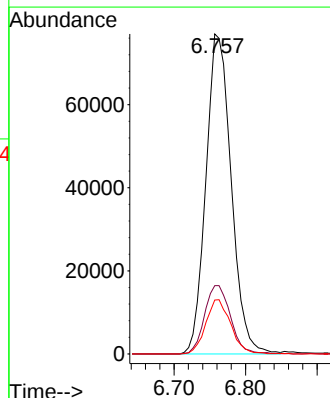
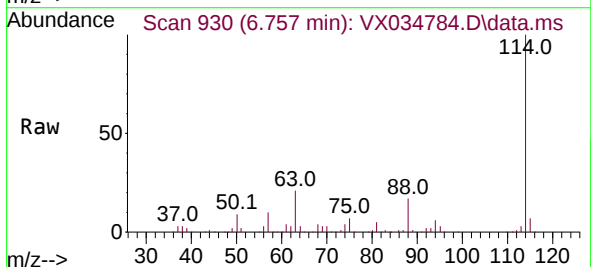
Tgt Ion: 114 Resp: 189794

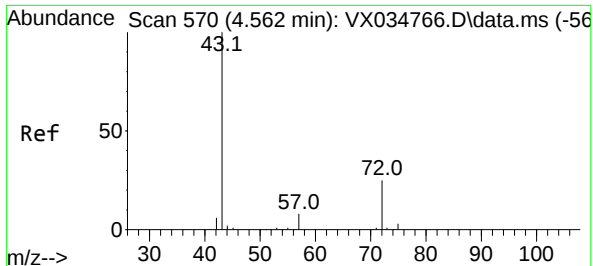
Ion Ratio Lower Upper

114 100

63 21.7 18.0 27.0

88 16.7 13.3 19.9





#30

2-Butanone

Concen: 188.296 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

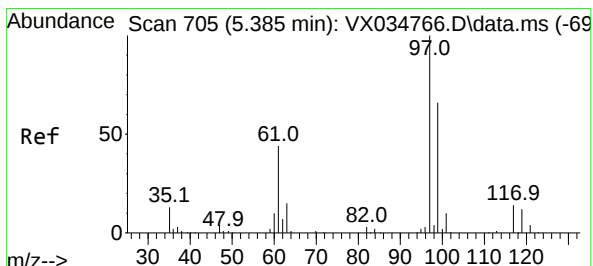
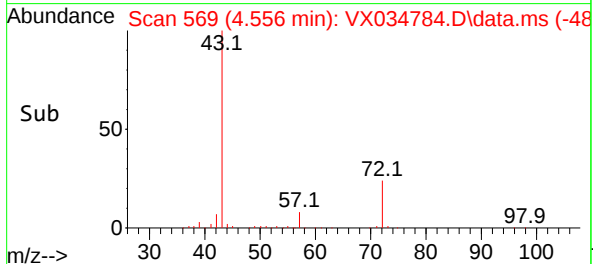
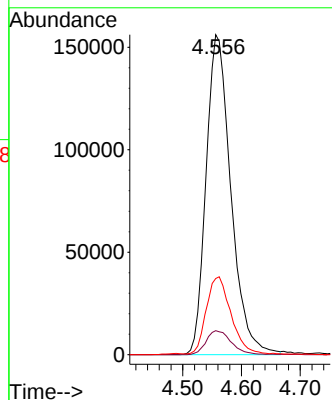
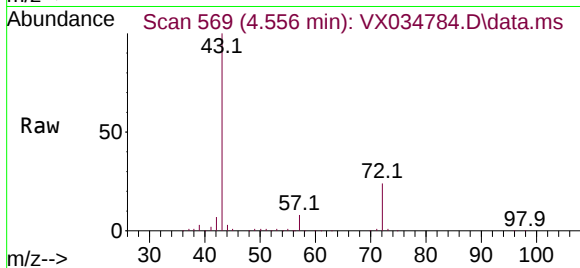
Tgt Ion: 43 Resp: 458393

Ion Ratio Lower Upper

43 100

57 7.6 6.3 9.5

72 24.4 19.6 29.4



#32

1,1,1-Trichloroethane

Concen: 35.859 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

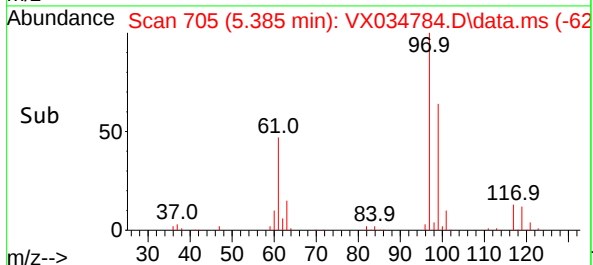
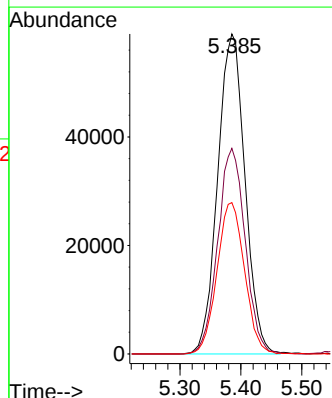
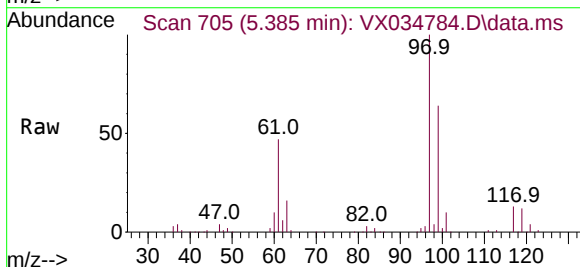
Tgt Ion: 97 Resp: 183637

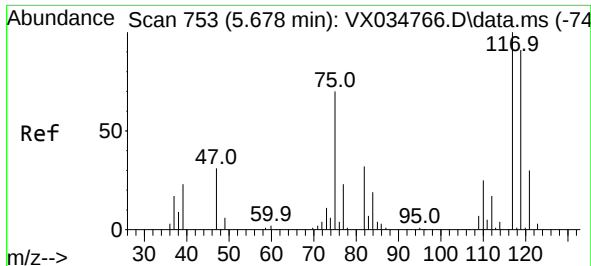
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 47.6 36.6 55.0

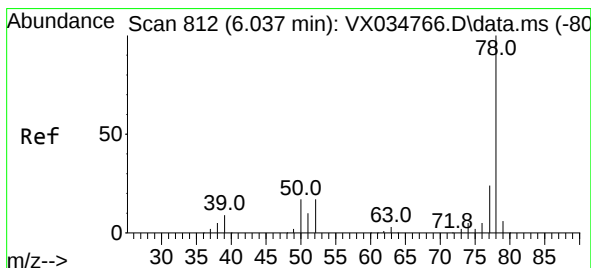
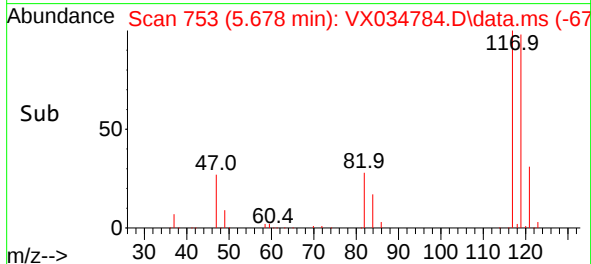
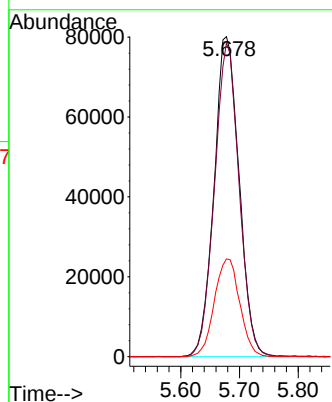
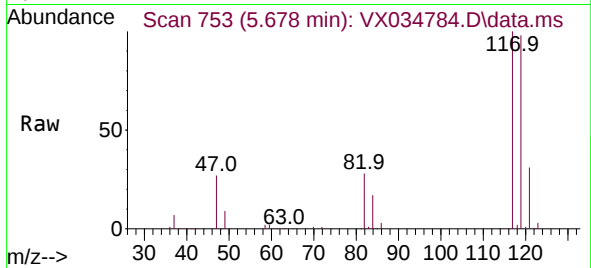




#33  
Carbon Tetrachloride  
Concen: 56.186 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

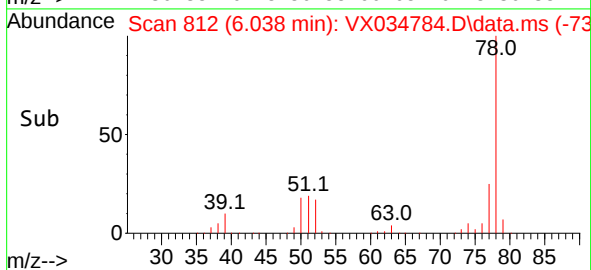
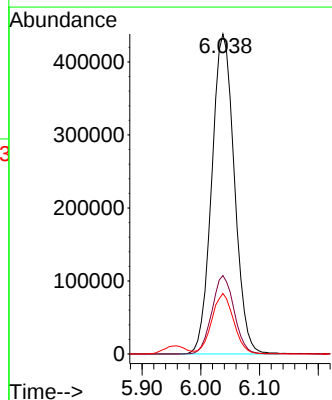
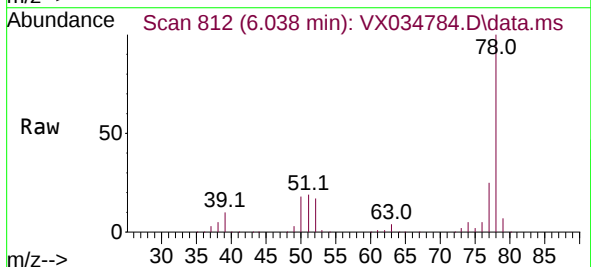
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

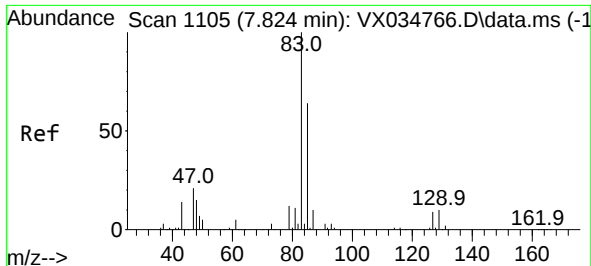
Tgt Ion:117 Resp: 237473  
Ion Ratio Lower Upper  
117 100  
119 98.1 73.3 109.9  
121 30.6 24.0 36.0



#34  
Benzene  
Concen: 92.279 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 78 Resp: 1170619  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.0 28.4  
51 18.9 14.6 21.8

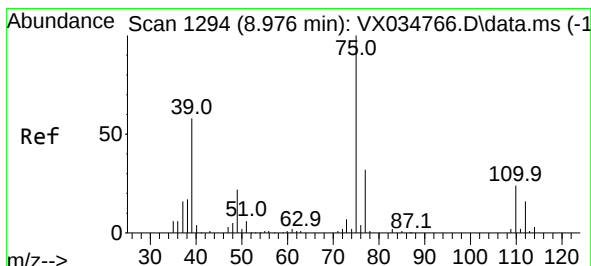
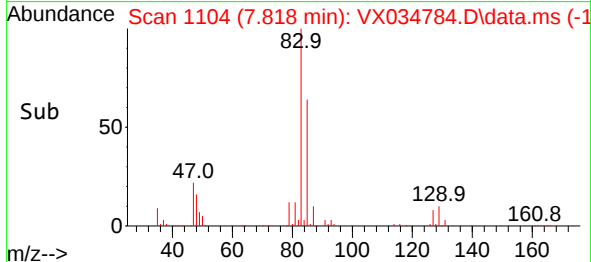
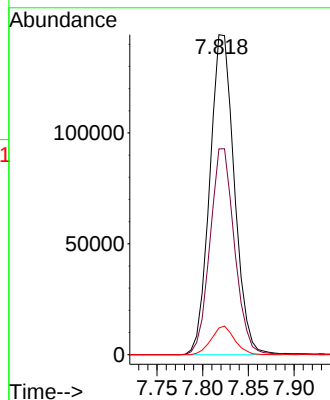
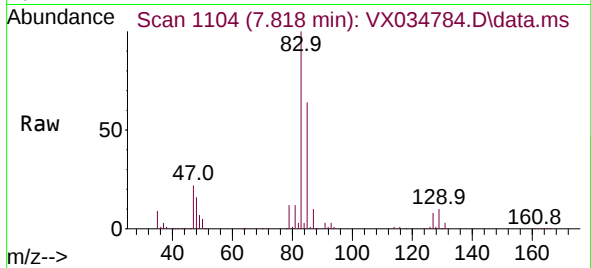




#41  
Bromodichloromethane  
Concen: 63.291 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

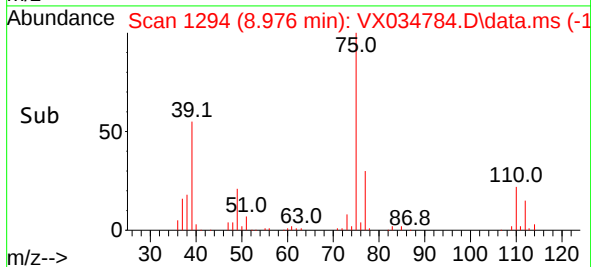
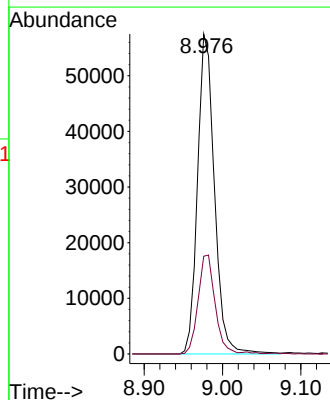
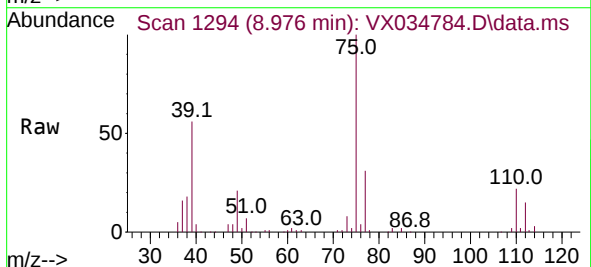
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

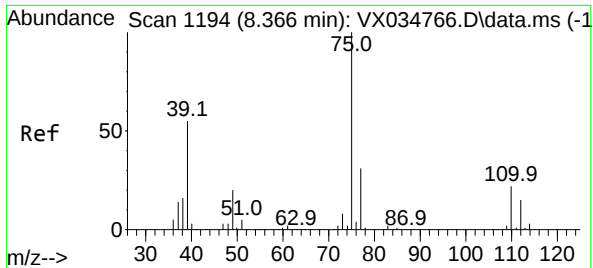
Tgt Ion: 83 Resp: 270039  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.1 76.7  
127 8.3 8.2 12.4



#48  
t-1,3-Dichloropropene  
Concen: 18.574 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 75 Resp: 86346  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 95.981 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

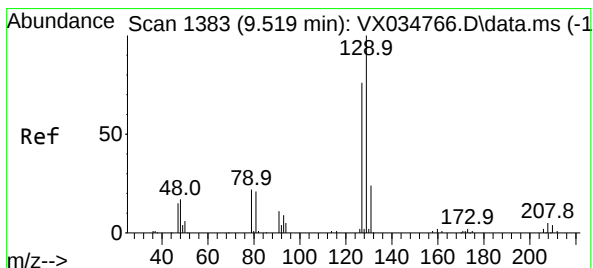
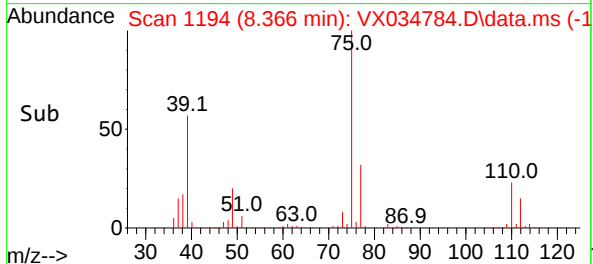
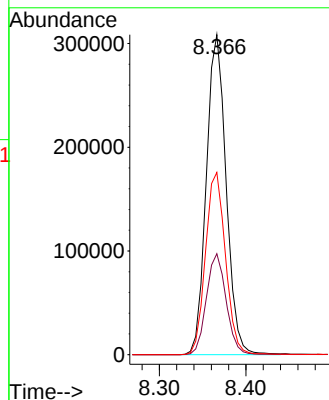
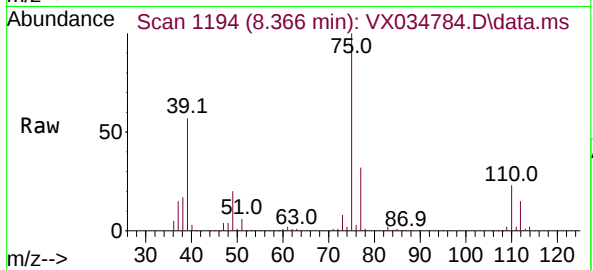
Tgt Ion: 75 Resp: 490195

Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 57.0 44.2 66.2



#53

Dibromochloromethane

Concen: 77.113 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034784.D

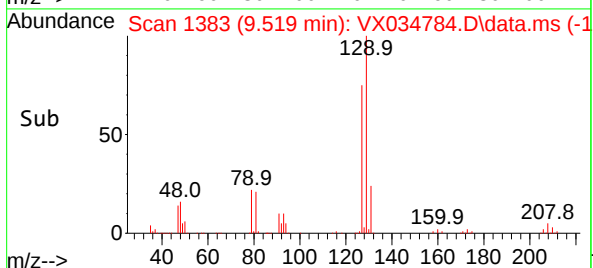
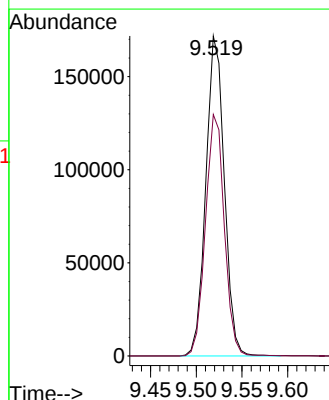
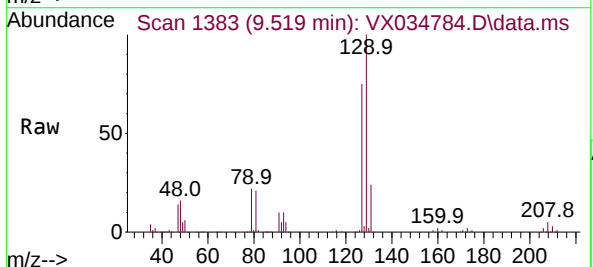
Acq: 28 Mar 2023 11:14

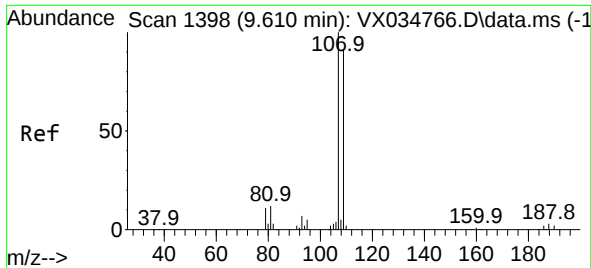
Tgt Ion: 129 Resp: 240733

Ion Ratio Lower Upper

129 100

127 76.8 39.1 117.5

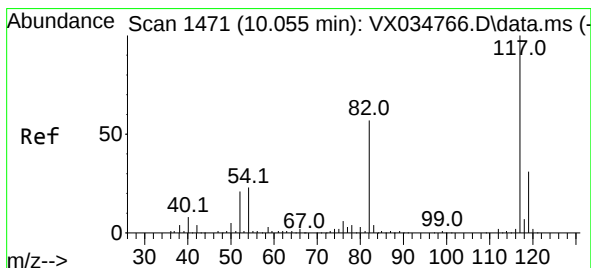
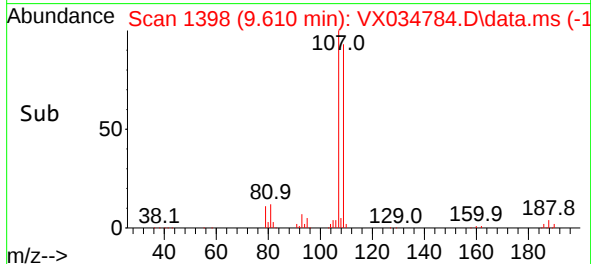
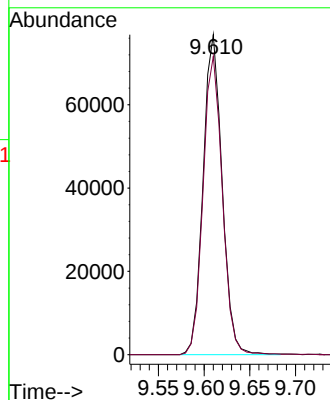
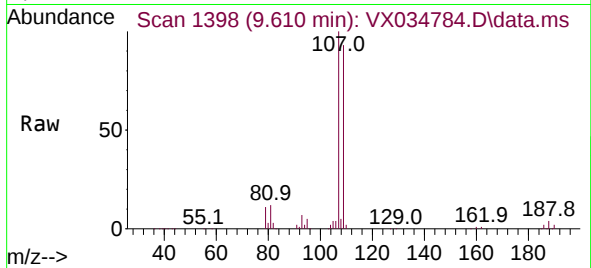




#54  
1,2-Dibromoethane  
Concen: 32.914 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

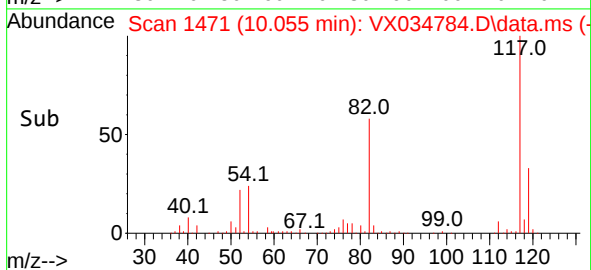
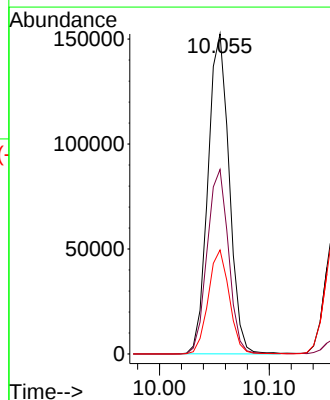
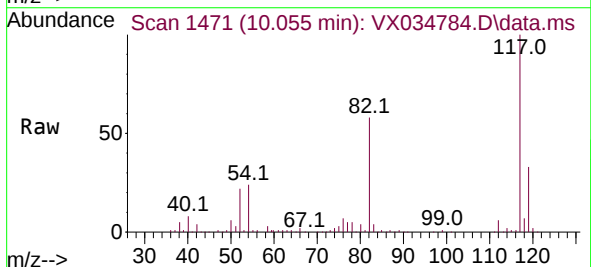
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

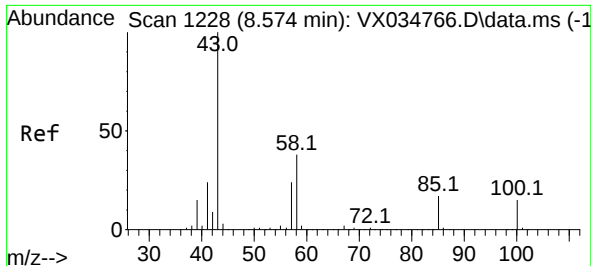
Tgt Ion:107 Resp: 111102  
Ion Ratio Lower Upper  
107 100  
109 94.4 75.4 113.2



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion:117 Resp: 205036  
Ion Ratio Lower Upper  
117 100  
82 58.1 45.8 68.8  
119 32.3 25.4 38.0





#58

4-Methyl-2-Pentanone

Concen: 177.306 ug/l

RT: 8.574 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

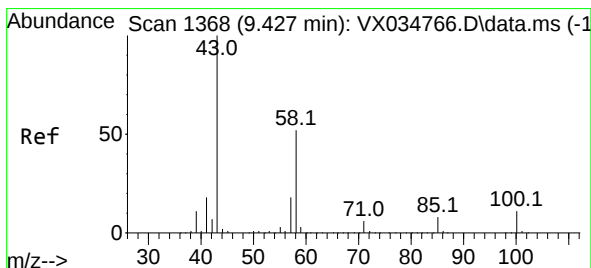
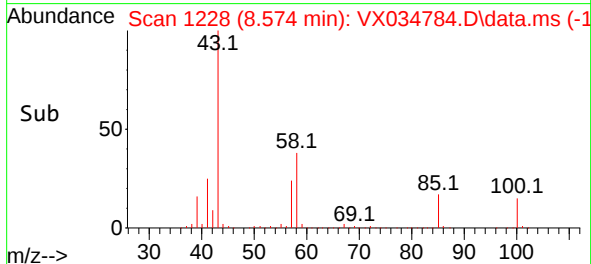
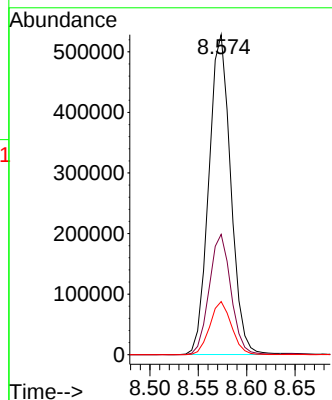
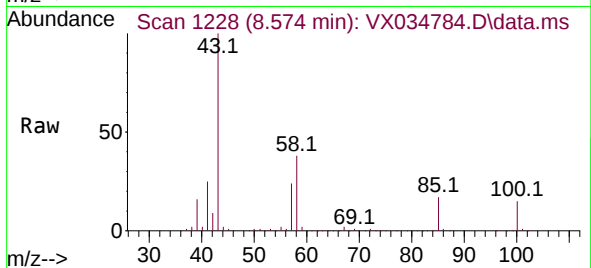
Tgt Ion: 43 Resp: 833516

Ion Ratio Lower Upper

43 100

58 37.4 29.9 44.9

85 16.4 13.2 19.8



#59

2-Hexanone

Concen: 100.177 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

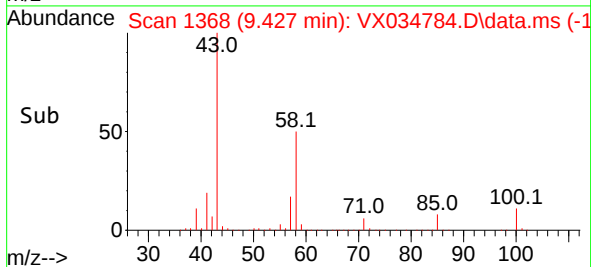
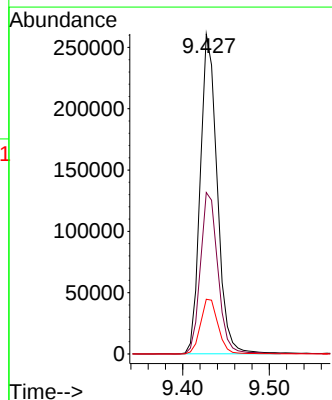
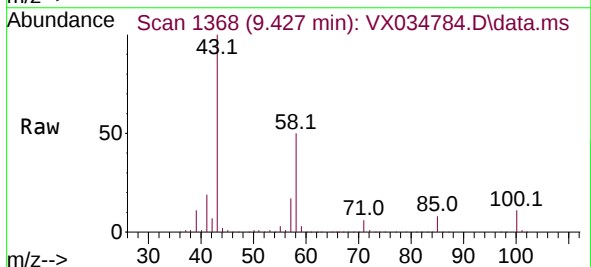
Tgt Ion: 43 Resp: 354573

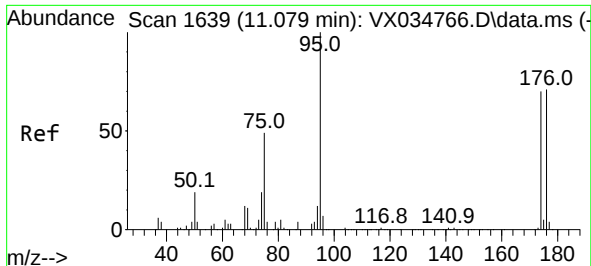
Ion Ratio Lower Upper

43 100

58 52.3 41.7 62.5

57 17.8 14.7 22.1

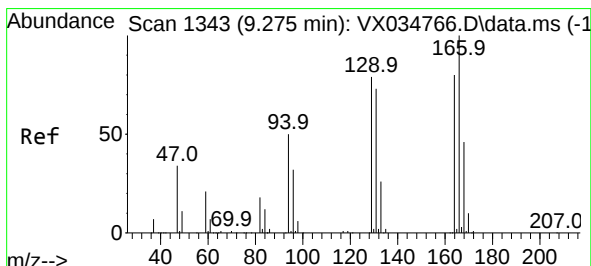
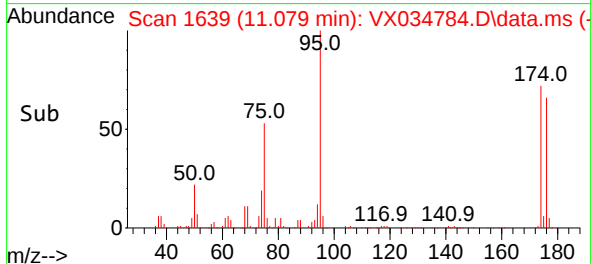
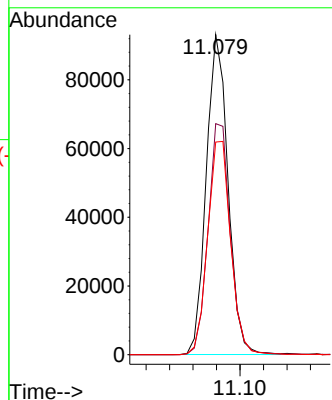
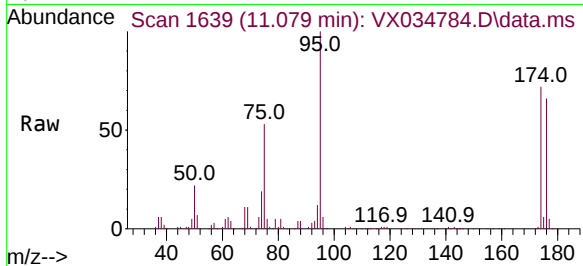




#60  
4-Bromofluorobenzene  
Concen: 29.171 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

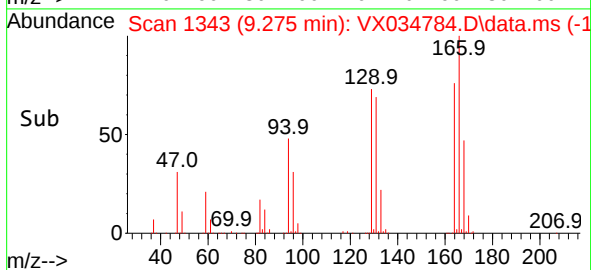
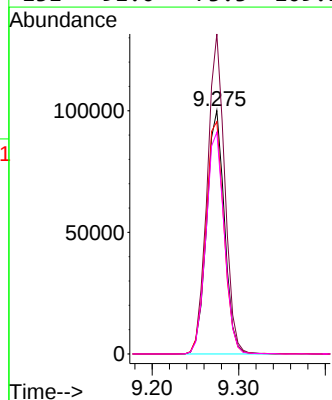
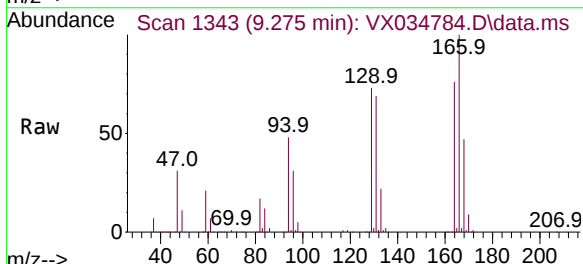
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

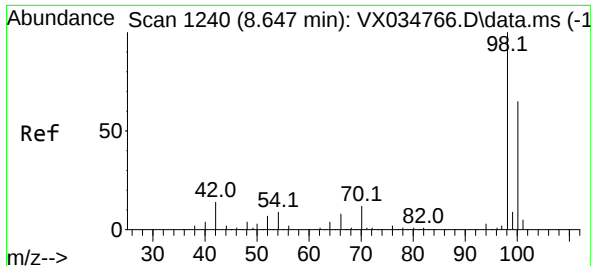
Tgt Ion: 95 Resp: 119512  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.2 0.4#  
176 71.0 0.2 0.2#



#61  
Tetrachloroethene  
Concen: 51.538 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 164 Resp: 142385  
Ion Ratio Lower Upper  
164 100  
166 131.5 100.1 150.1  
129 95.5 79.1 118.7  
131 91.0 73.3 109.9

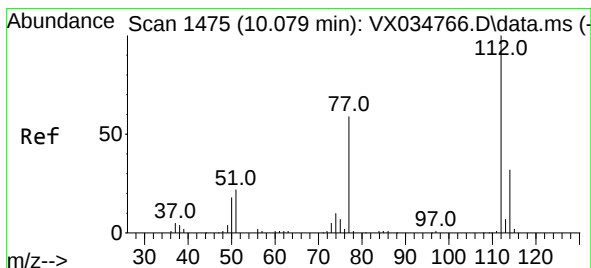
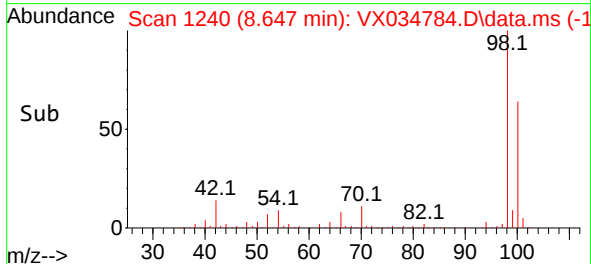
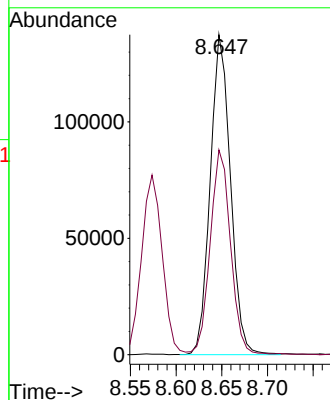
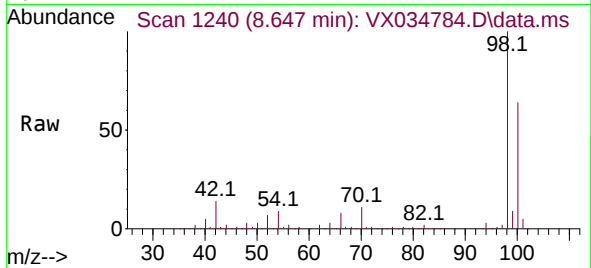




#63  
Toluene-d8  
Concen: 30.341 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

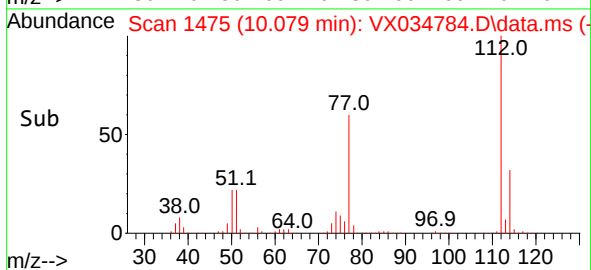
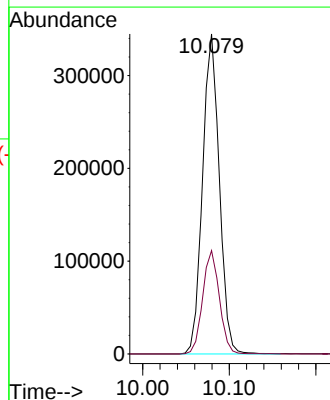
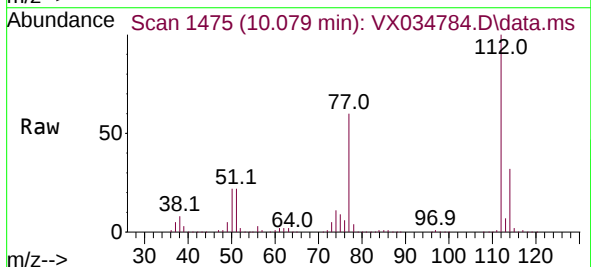
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

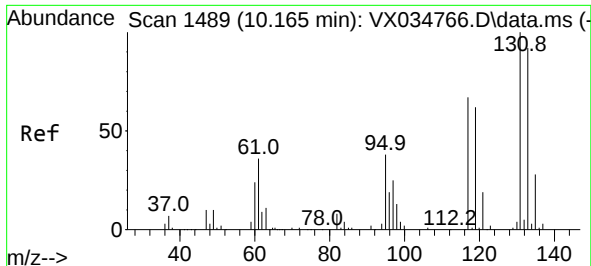
Tgt Ion: 98 Resp: 211413  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.1 78.1



#64  
Chlorobenzene  
Concen: 56.129 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 112 Resp: 463404  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.8

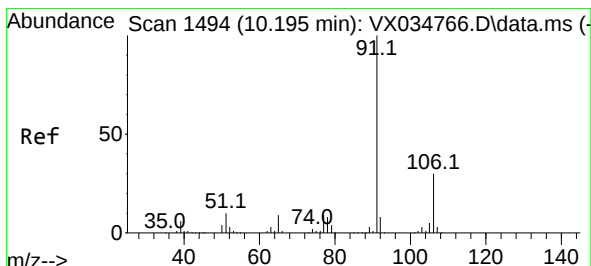
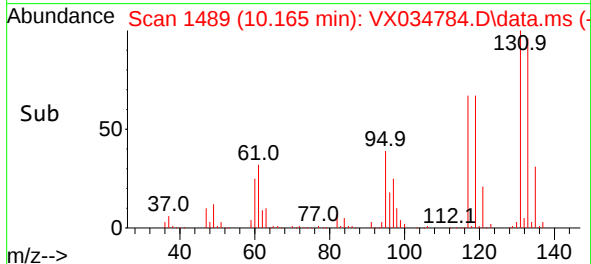
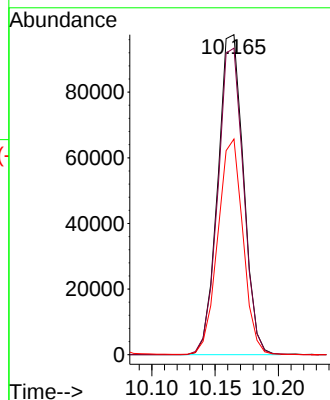
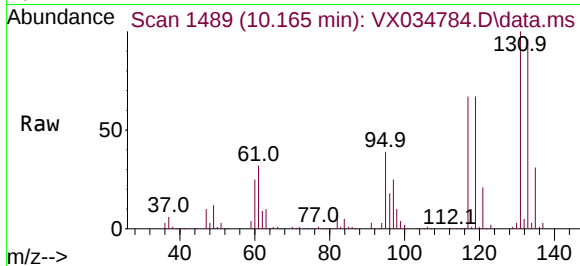




#65  
1,1,1,2-Tetrachloroethane  
Concen: 46.536 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

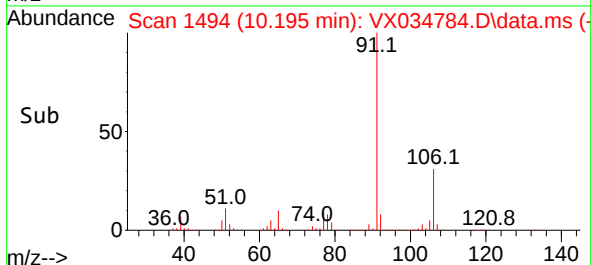
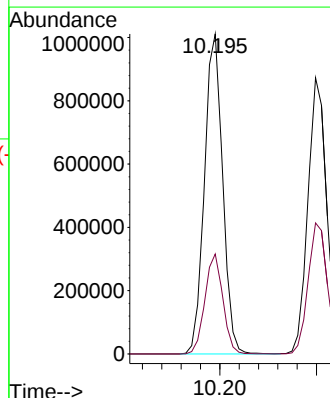
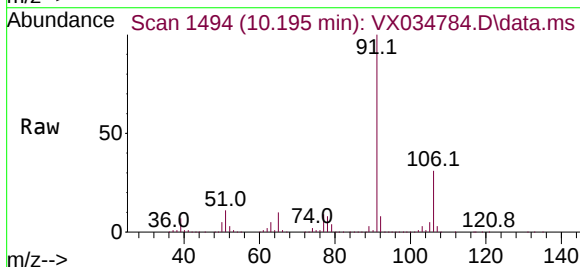
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

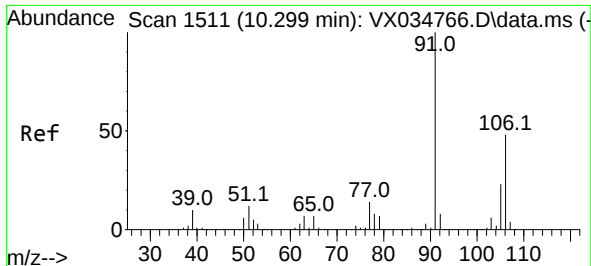
Tgt Ion:131 Resp: 137351  
Ion Ratio Lower Upper  
131 100  
133 95.8 0.0 186.6  
119 66.1 0.0 128.6



#66  
Ethyl Benzene  
Concen: 88.736 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 91 Resp: 1325048  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.4 36.6





#67

m/p-Xylenes

Concen: 99.729 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

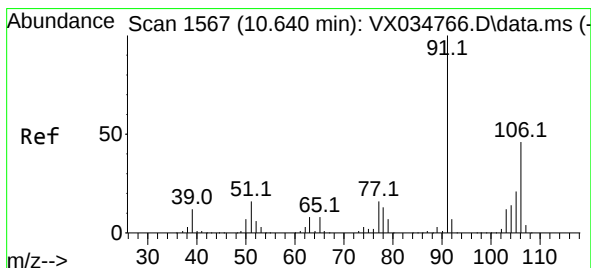
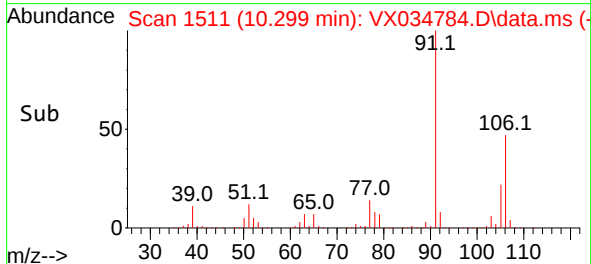
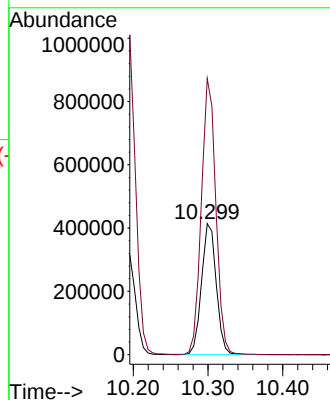
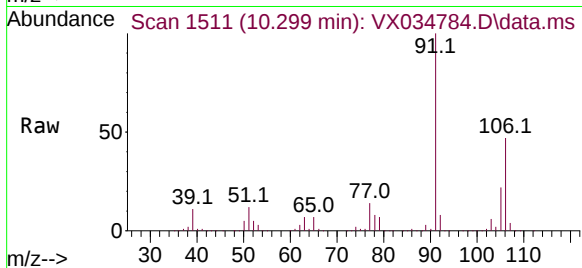
PT-VOA-WP

Tgt Ion:106 Resp: 566623

Ion Ratio Lower Upper

106 100

91 207.4 167.4 251.2



#68

o-Xylene

Concen: 113.512 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034784.D

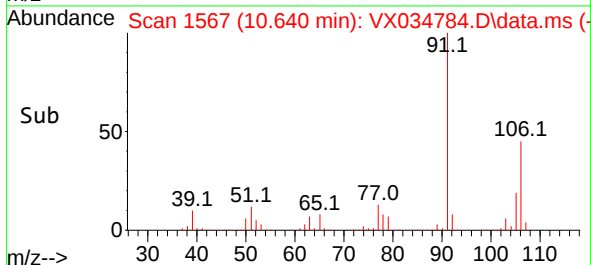
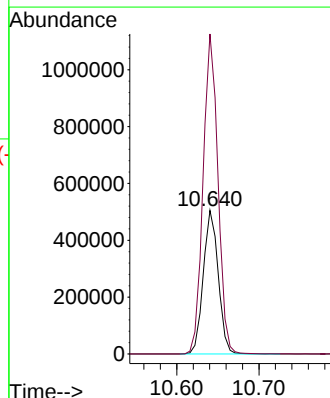
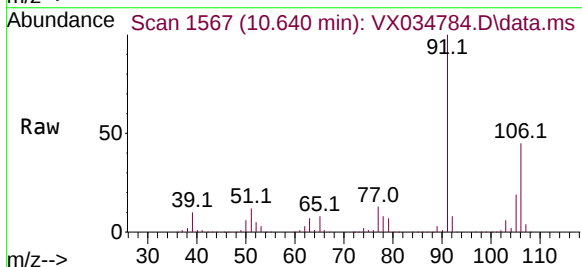
Acq: 28 Mar 2023 11:14

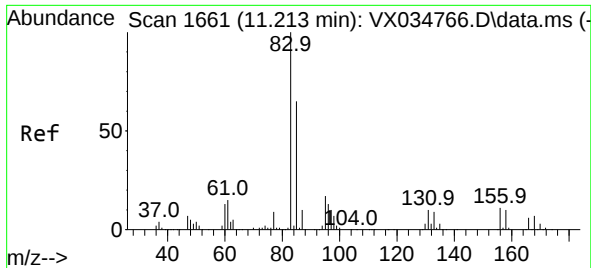
Tgt Ion:106 Resp: 637788

Ion Ratio Lower Upper

106 100

91 221.3 108.9 326.8

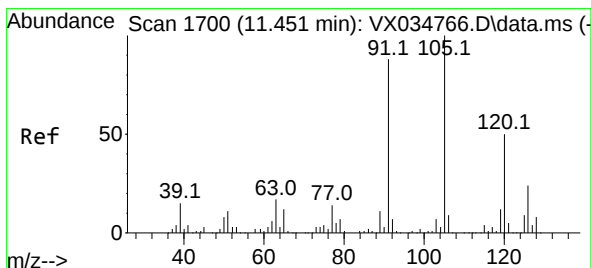
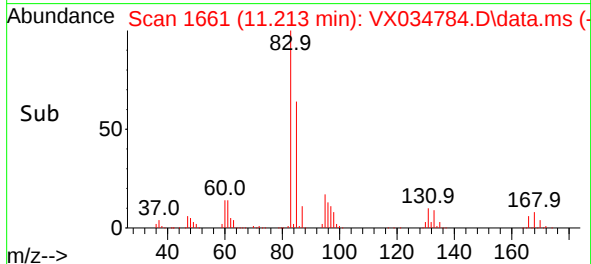
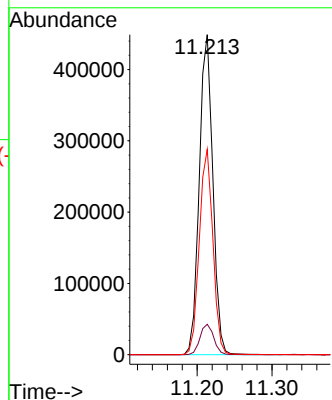
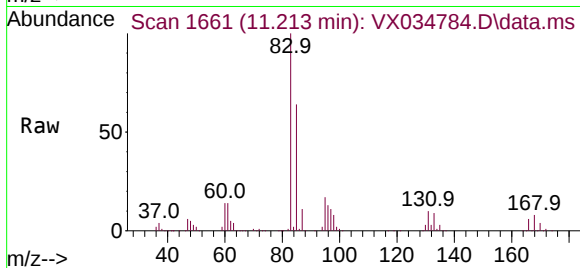




#71  
1,1,2,2-Tetrachloroethane  
Concen: 118.286 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

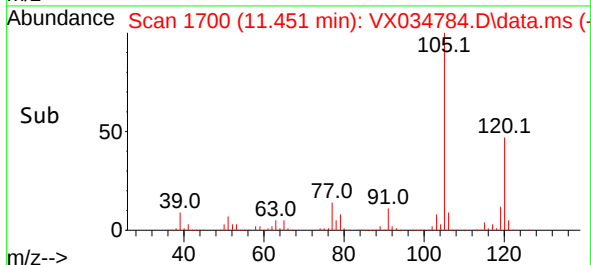
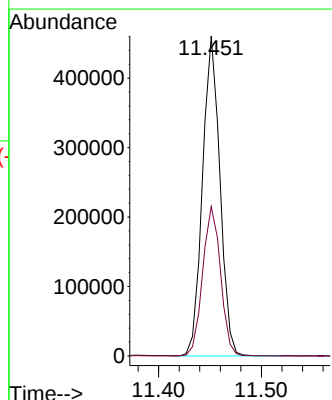
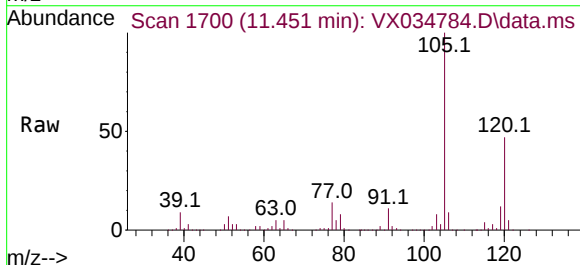
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

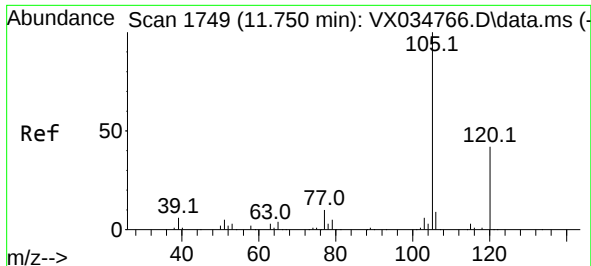
Tgt Ion: 83 Resp: 565386  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.1 15.2  
85 64.2 31.9 95.5



#76  
1,3,5-Trimethylbenzene  
Concen: 44.449 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion: 105 Resp: 544104  
Ion Ratio Lower Upper  
105 100  
120 47.8 0.0 96.4

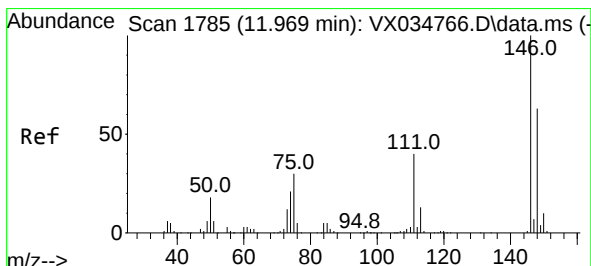
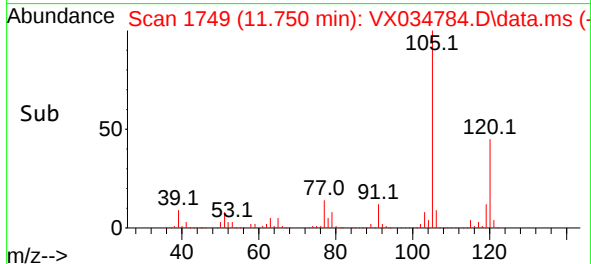
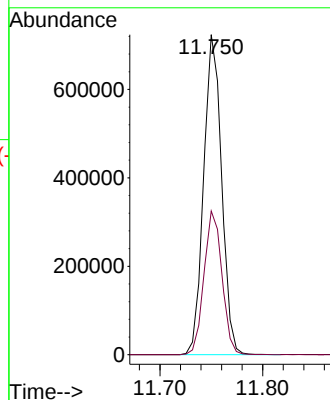
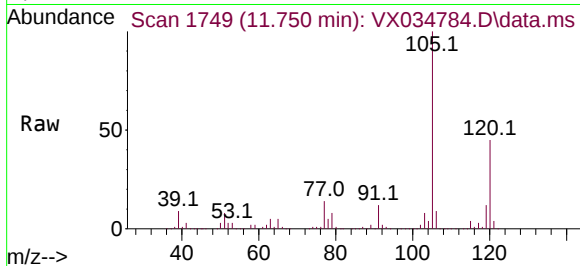




#80  
1,2,4-Trimethylbenzene  
Concen: 72.269 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

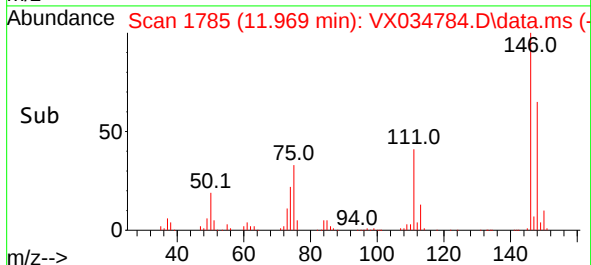
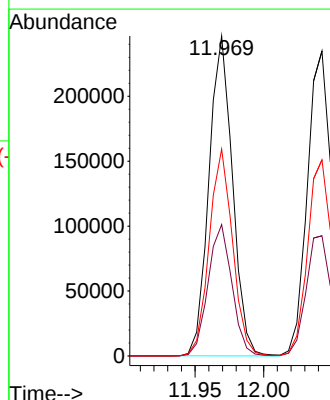
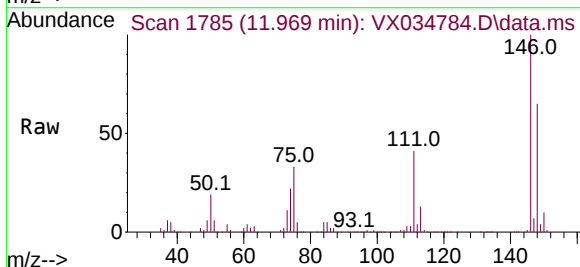
Instrument :  
MSVOA\_X  
ClientSampleId :  
PT-VOA-WP

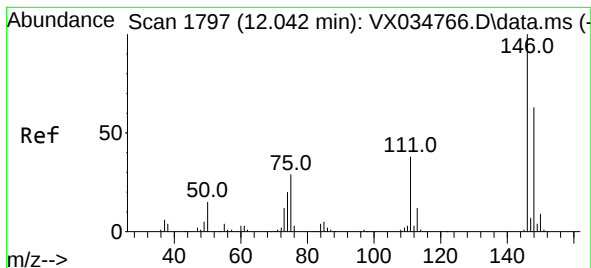
Tgt Ion:105 Resp: 879093  
Ion Ratio Lower Upper  
105 100  
120 45.0 0.0 90.4



#83  
1,3-Dichlorobenzene  
Concen: 44.700 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034784.D  
Acq: 28 Mar 2023 11:14

Tgt Ion:146 Resp: 294796  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.6 61.9  
148 64.2 31.6 94.7





#84

1,4-Dichlorobenzene

Concen: 44.354 ug/l

RT: 12.043 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

Instrument :

MSVOA\_X

ClientSampleId :

PT-VOA-WP

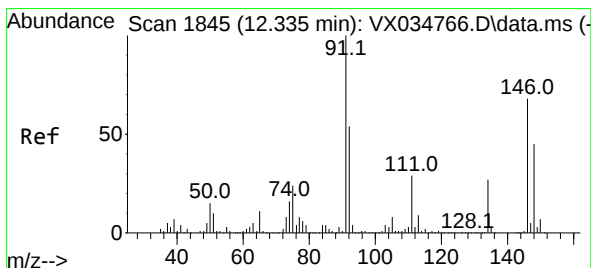
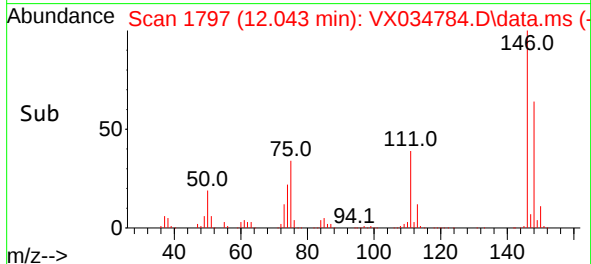
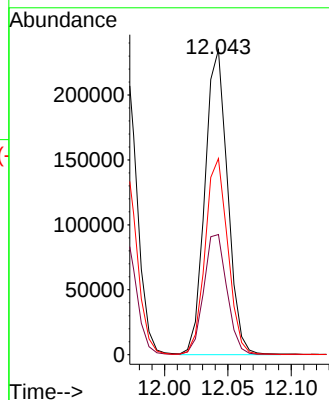
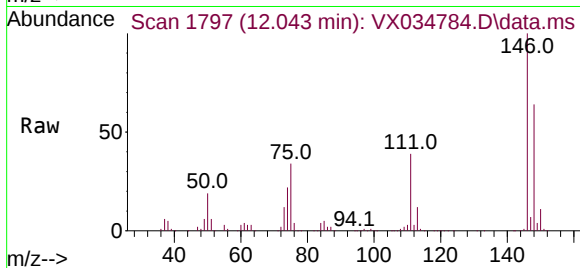
Tgt Ion:146 Resp: 293749

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.9

148 64.3 31.8 95.3



#87

1,2-Dichlorobenzene

Concen: 110.614 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034784.D

Acq: 28 Mar 2023 11:14

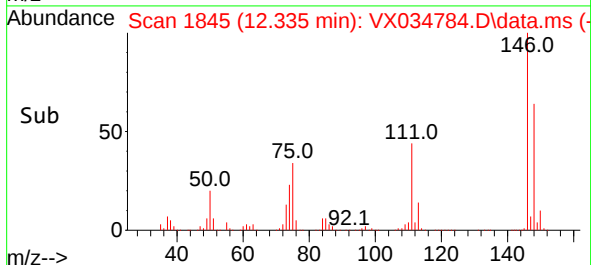
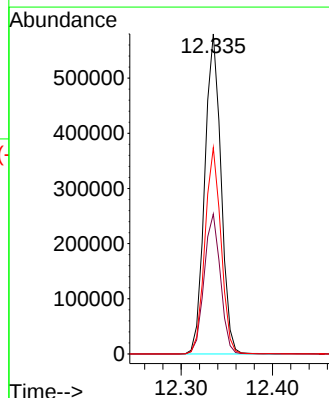
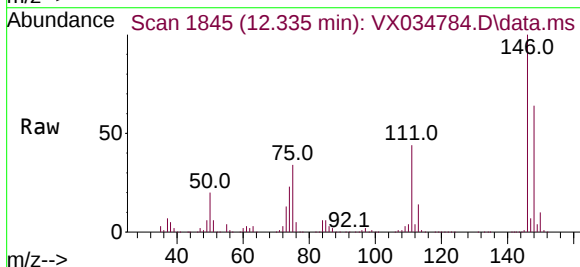
Tgt Ion:146 Resp: 713831

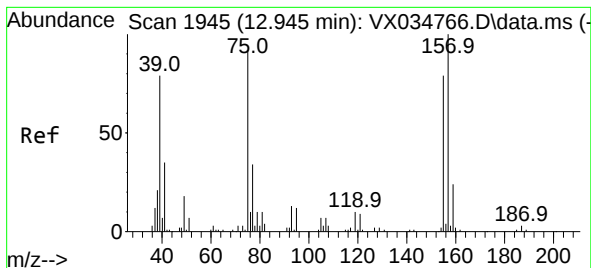
Ion Ratio Lower Upper

146 100

111 43.7 21.3 64.0

148 63.4 31.7 95.1

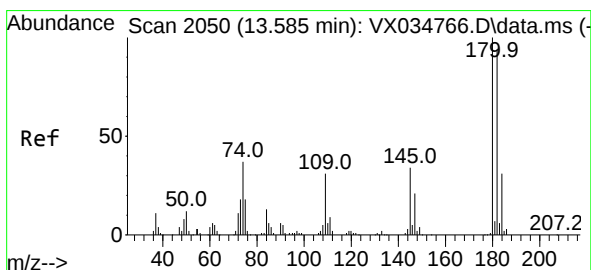
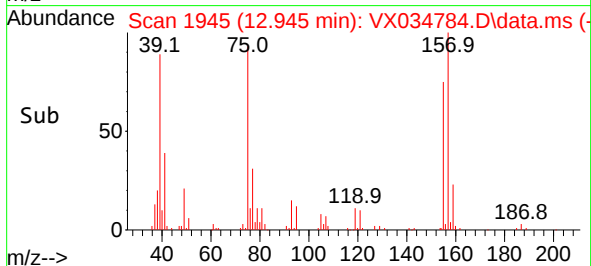
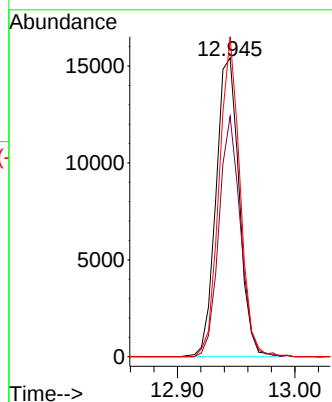
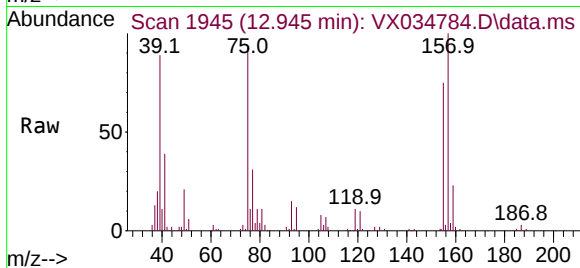




#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.203 ug/l  
 RT: 12.945 min Scan# 1945  
 Delta R.T. 0.000 min  
 Lab File: VX034784.D  
 Acq: 28 Mar 2023 11:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PT-VOA-WP

Tgt Ion: 75 Resp: 21103  
 Ion Ratio Lower Upper  
 75 100  
 155 74.3 63.7 95.5  
 157 96.4 83.7 125.5



#89  
 1,2,4-Trichlorobenzene  
 Concen: 71.703 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX034784.D  
 Acq: 28 Mar 2023 11:14

Tgt Ion:180 Resp: 277578  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 75.8 113.8  
 145 31.7 25.8 38.6

