

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071423\  
 Data File : VX036533.D  
 Acq On : 13 Jul 2023 18:18  
 Operator : JC/MD  
 Sample : VX0714WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0714WBL01

Quant Time: Jul 14 04:37:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jul 14 04:32:22 2023  
 Response via : Initial Calibration

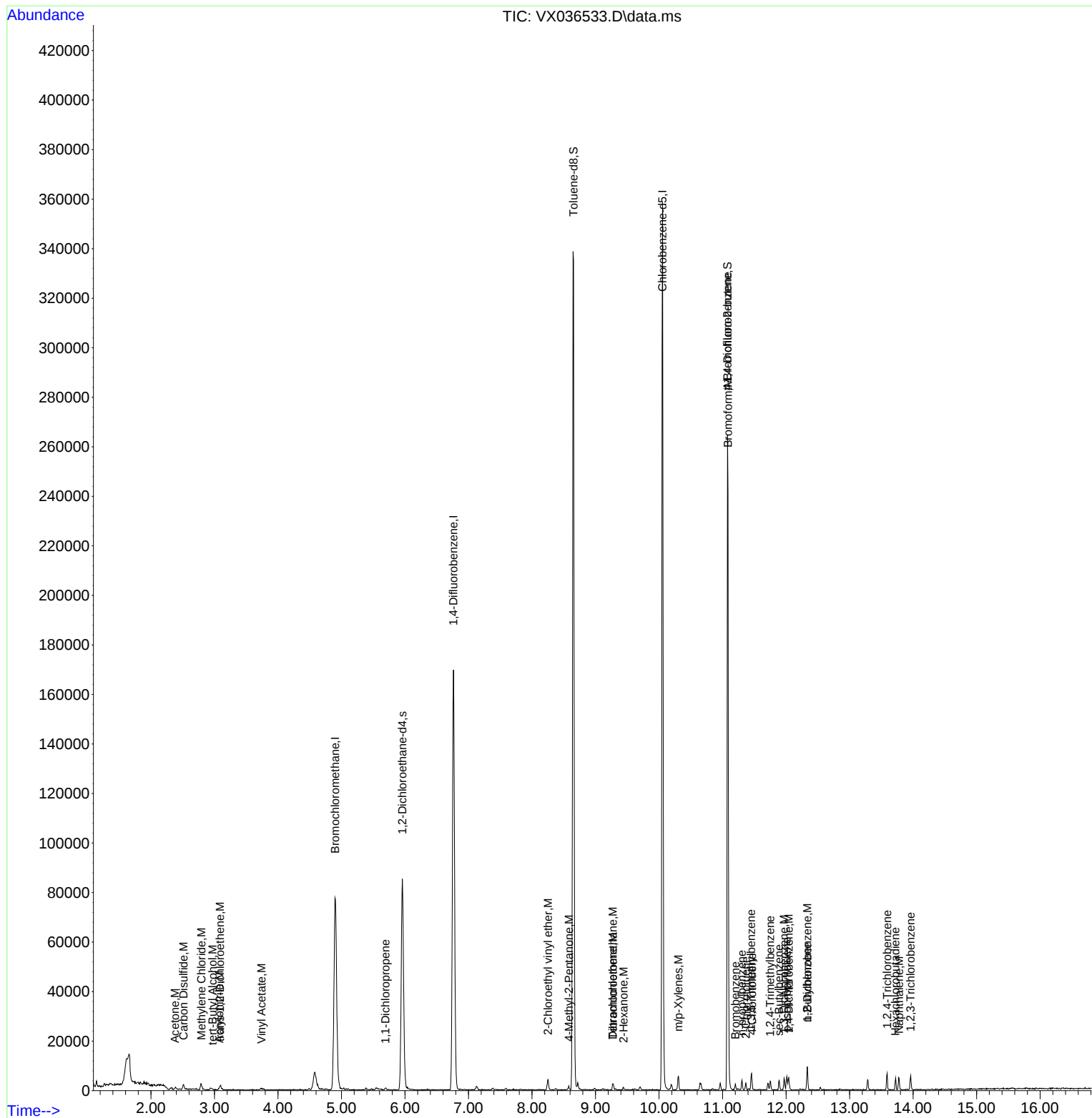
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Bromochloromethane         | 4.898  | 128   | 32614    | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene       | 6.763  | 114   | 170710   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5          | 10.055 | 117   | 153535   | 30.000   | ug/l   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4     | 5.958  | 65    | 79005    | 29.187   | ug/l   | 0.00     |
| Spiked Amount                 | 30.000 | Range | 91 - 110 | Recovery | =      | 97.300%  |
| 60) 4-Bromofluorobenzene      | 11.079 | 95    | 69788    | 28.022   | ug/l   | 0.00     |
| Spiked Amount                 | 30.000 | Range | 63 - 112 | Recovery | =      | 93.400%  |
| 63) Toluene-d8                | 8.653  | 98    | 211166   | 29.889   | ug/l   | 0.00     |
| Spiked Amount                 | 30.000 | Range | 91 - 112 | Recovery | =      | 99.633%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 14) Acrylonitrile             | 3.075  | 53    | 468      | 0.372    | ug/l   | 74       |
| 15) Acetone                   | 2.380  | 58    | 316      | 0.888    | ug/l # | 1        |
| 16) Carbon Disulfide          | 2.514  | 76    | 2605     | 0.563    | ug/l   | 98       |
| 18) Methylene Chloride        | 2.794  | 84    | 1128     | 0.491    | ug/l # | 79       |
| 19) trans-1,2-Dichloroethene  | 3.087  | 96    | 643      | 0.308    | ug/l # | 84       |
| 23) tert-Butyl Alcohol        | 2.971  | 59    | 248      | 0.425    | ug/l # | 1        |
| 29) 1,1-Dichloropropene       | 5.690  | 75    | 518      | 0.201    | ug/l # | 64       |
| 42) Vinyl Acetate             | 3.739  | 43    | 1223     | 0.250    | ug/l # | 75       |
| 53) Dibromochloromethane      | 9.275  | 129   | 454      | 0.213    | ug/l # | 11       |
| 55) 2-Chloroethyl vinyl ether | 8.251  | 63    | 1852     | 1.037    | ug/l   | 96       |
| 56) Bromoform                 | 11.085 | 173   | 746      | 0.502    | ug/l # | 1        |
| 58) 4-Methyl-2-Pentanone      | 8.580  | 43    | 983      | 0.310    | ug/l # | 69       |
| 59) 2-Hexanone                | 9.439  | 43    | 650      | 0.269    | ug/l # | 86       |
| 61) Tetrachloroethene         | 9.275  | 164   | 584      | 0.318    | ug/l # | 78       |
| 67) m/p-Xylenes               | 10.305 | 106   | 1484     | 0.407    | ug/l   | 99       |
| 73) Bromobenzene              | 11.201 | 156   | 515      | 0.231    | ug/l   | 89       |
| 74) n-propylbenzene           | 11.305 | 91    | 2669     | 0.251    | ug/l   | 99       |
| 75) 2-Chlorotoluene           | 11.366 | 91    | 1440     | 0.223    | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 1624     | 0.209    | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 11.079 | 75    | 36198    | 36.125   | ug/l # | 7        |
| 78) 4-Chlorotoluene           | 11.463 | 91    | 2300     | 0.313    | ug/l   | 96       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 2087     | 0.272    | ug/l   | 92       |
| 81) sec-Butylbenzene          | 11.890 | 105   | 2278     | 0.246    | ug/l   | 97       |
| 82) p-Isopropyltoluene        | 12.012 | 119   | 2345     | 0.304    | ug/l   | 92       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146   | 1726     | 0.416    | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene       | 12.043 | 146   | 1774     | 0.429    | ug/l   | 97       |
| 85) n-Butylbenzene            | 12.335 | 91    | 2711     | 0.386    | ug/l   | 98       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146   | 1294     | 0.311    | ug/l   | 94       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180   | 1767     | 0.673    | ug/l   | 95       |
| 90) Hexachlorobutadiene       | 13.719 | 225   | 705      | 0.740    | ug/l   | 96       |
| 91) Naphthalene               | 13.780 | 128   | 3740     | 0.406    | ug/l # | 92       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180   | 1496     | 0.565    | ug/l   | 97       |
| -----                         |        |       |          |          |        |          |

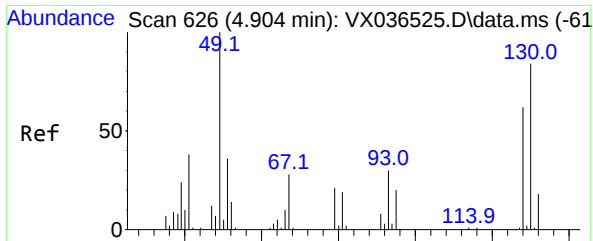
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071423\  
Data File : VX036533.D  
Acq On : 13 Jul 2023 18:18  
Operator : JC/MD  
Sample : VX0714WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

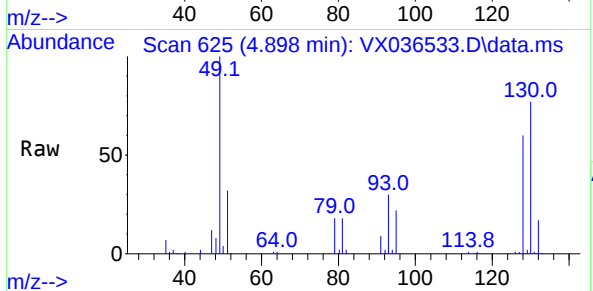
Quant Time: Jul 14 04:37:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X071423W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jul 14 04:32:22 2023  
Response via : Initial Calibration





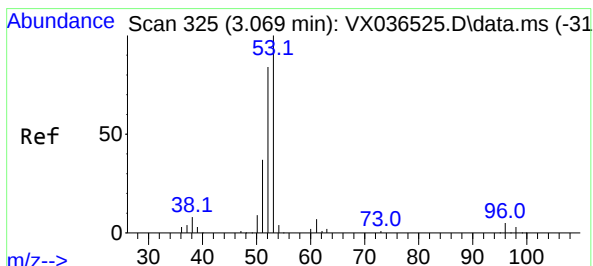
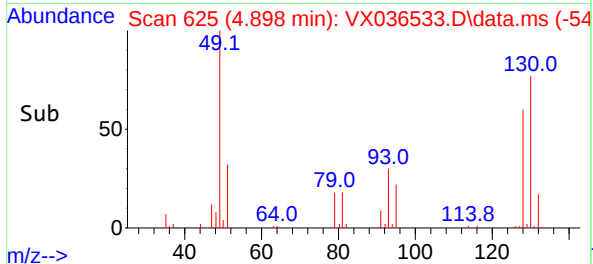
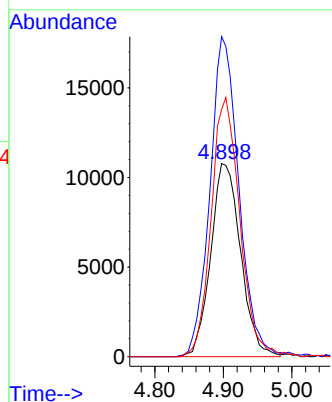
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.898 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01



Tgt Ion:128 Resp: 32614

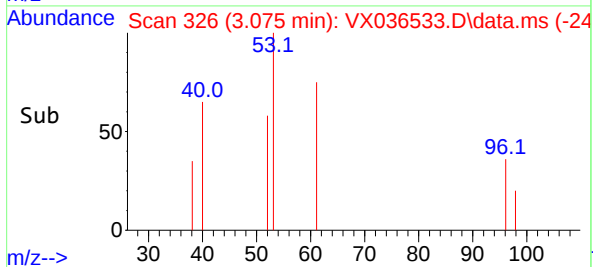
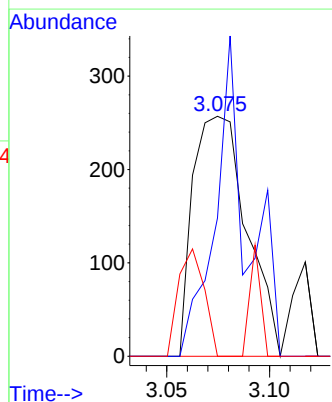
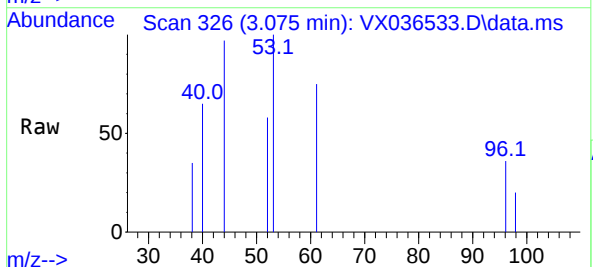
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 49  | 160.4 | 0.0   | 406.3 |
| 130 | 128.5 | 0.0   | 328.0 |

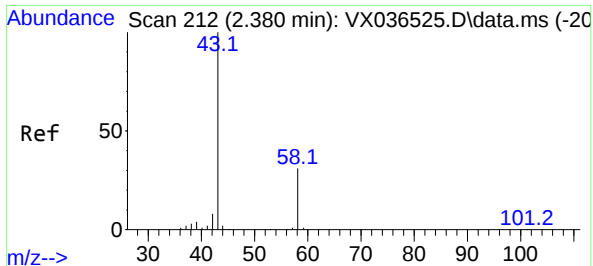


#14  
Acrylonitrile  
Concen: 0.372 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 53 Resp: 468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 56.2  | 40.0  | 119.9 |
| 51  | 21.4  | 18.2  | 54.6  |

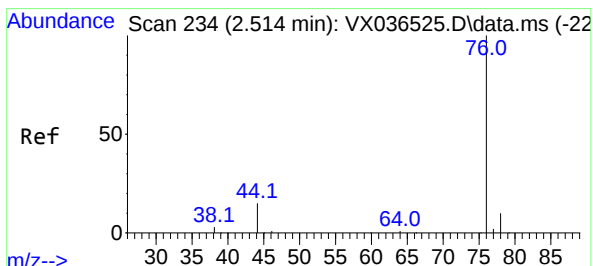
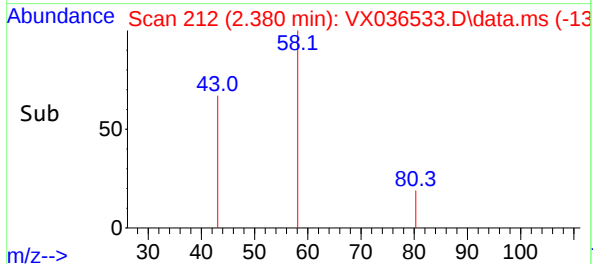
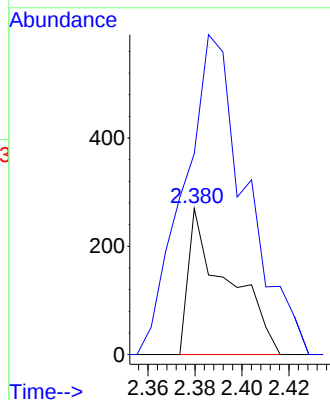
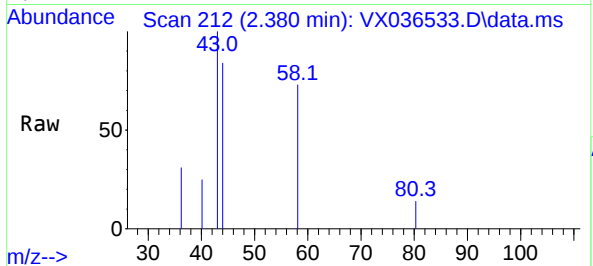




#15  
Acetone  
Concen: 0.888 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

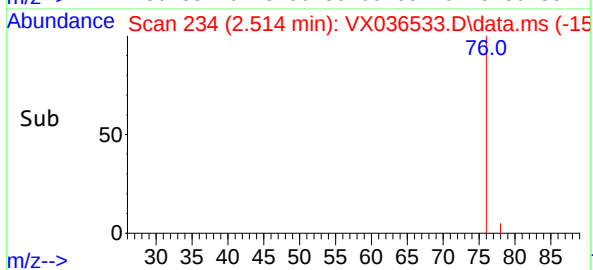
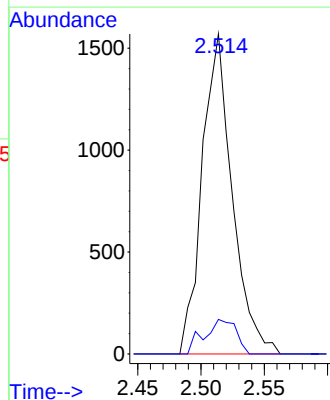
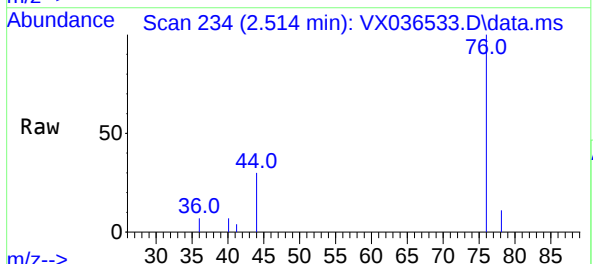
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

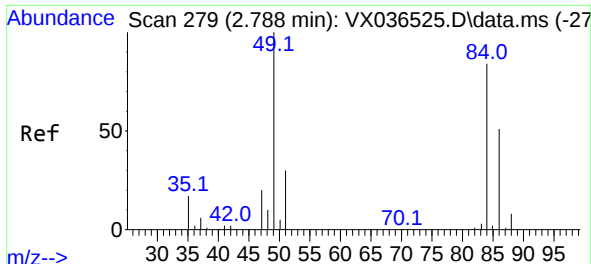
Tgt Ion: 58 Resp: 316  
Ion Ratio Lower Upper  
58 100  
43 90.7 261.0 391.4#



#16  
Carbon Disulfide  
Concen: 0.563 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 76 Resp: 2605  
Ion Ratio Lower Upper  
76 100  
78 10.8 8.0 12.0



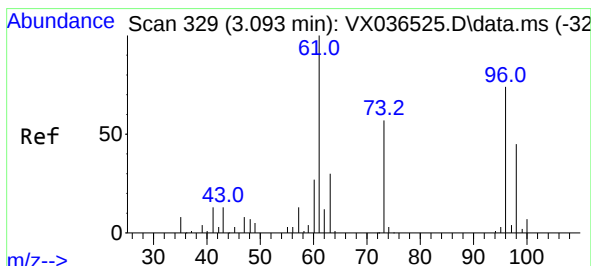
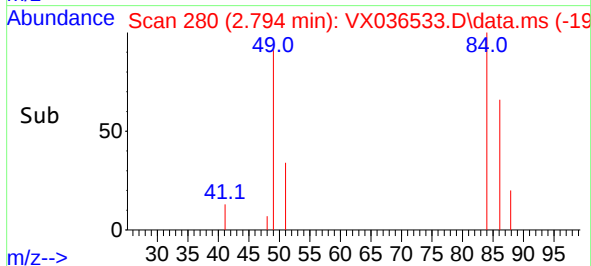
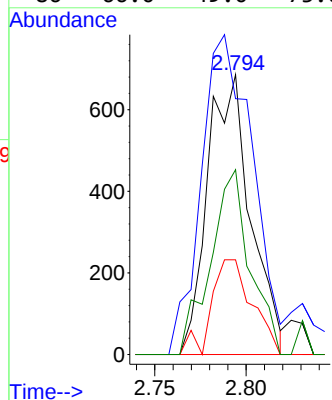
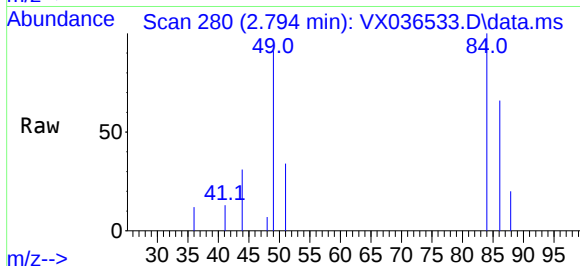


#18  
Methylene Chloride  
Concen: 0.491 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

Tgt Ion: 84 Resp: 1128

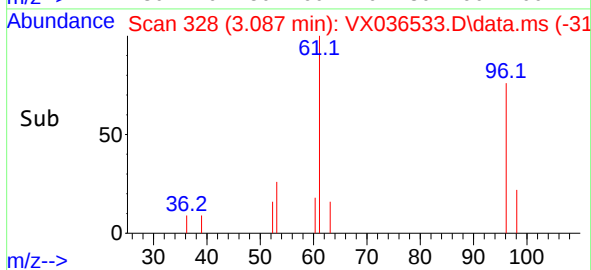
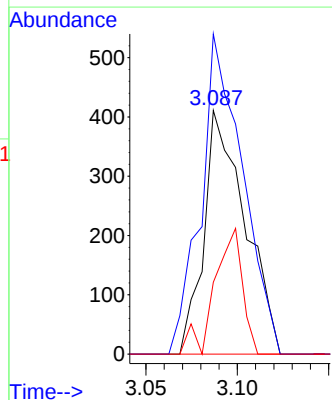
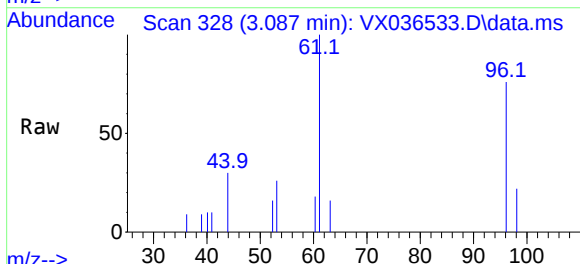
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 80.6  | 95.4  | 143.0# |
| 51  | 33.8  | 28.3  | 42.5   |
| 86  | 66.0  | 49.0  | 73.6   |

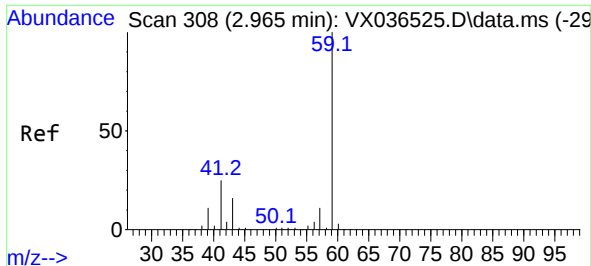


#19  
trans-1,2-Dichloroethene  
Concen: 0.308 ug/l  
RT: 3.087 min Scan# 328  
Delta R.T. -0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 96 Resp: 643

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 131.4 | 108.7 | 163.1 |
| 98  | 29.4  | 49.1  | 73.7# |

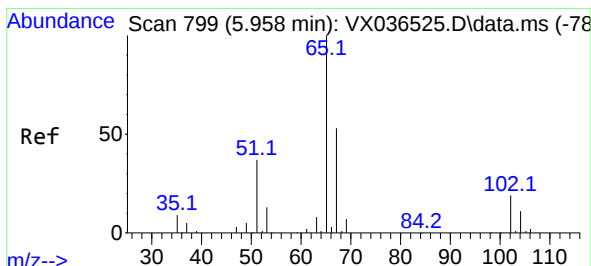
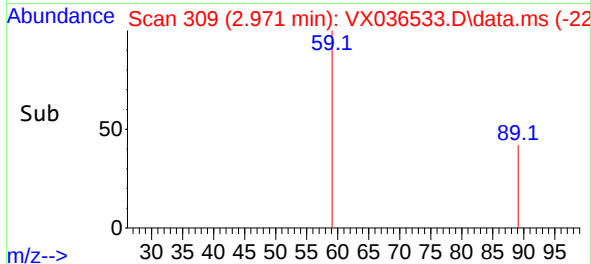
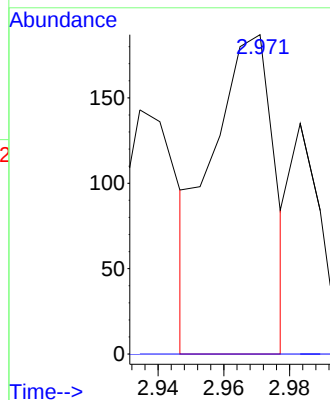
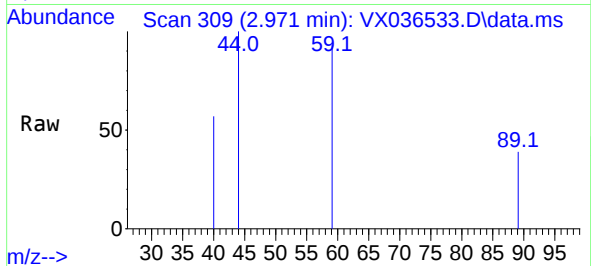




#23  
tert-Butyl Alcohol  
Concen: 0.425 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

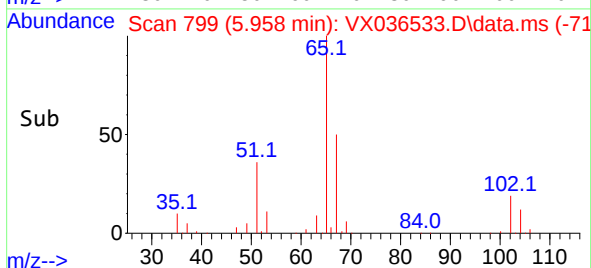
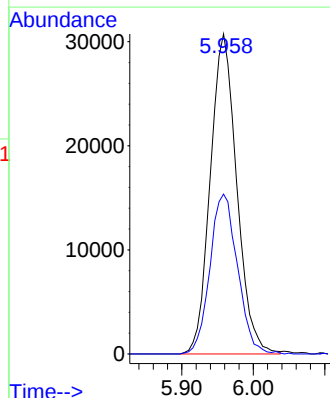
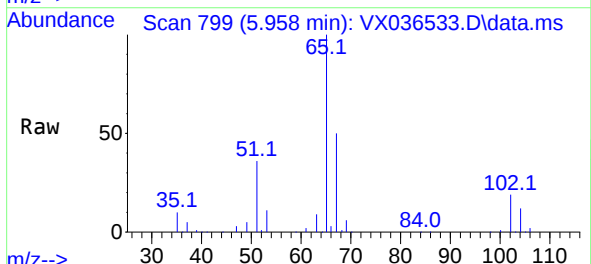
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

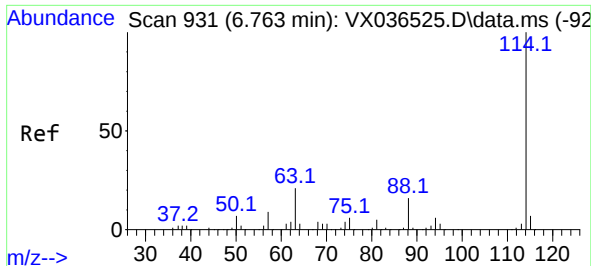
Tgt Ion: 59 Resp: 248  
Ion Ratio Lower Upper  
59 100  
52 0.0 142.6 213.8#



#27  
1,2-Dichloroethane-d4  
Concen: 29.187 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 65 Resp: 79005  
Ion Ratio Lower Upper  
65 100  
67 51.9 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0714WBL01

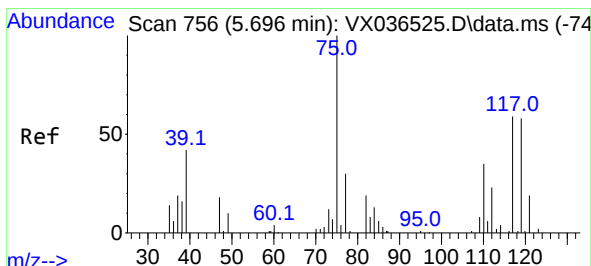
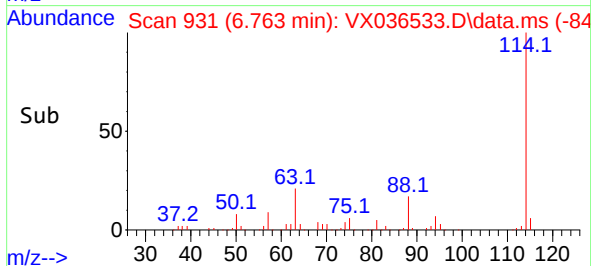
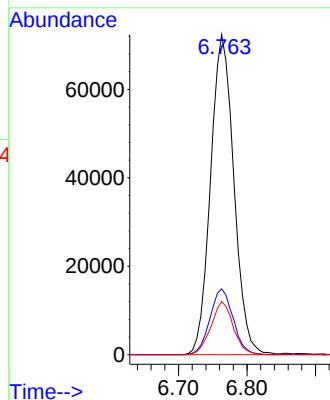
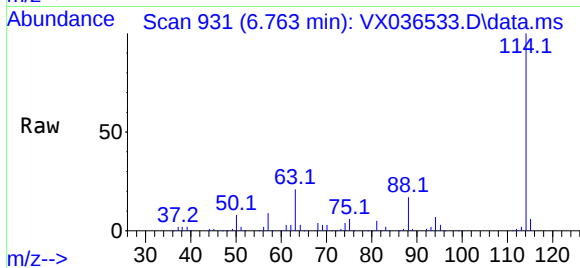
Tgt Ion:114 Resp: 170710

Ion Ratio Lower Upper

114 100

63 20.4 16.6 24.8

88 15.9 12.9 19.3



#29

1,1-Dichloropropene

Concen: 0.201 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

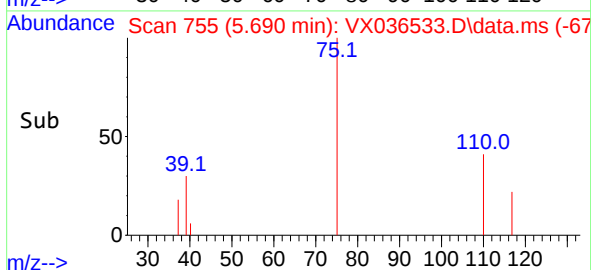
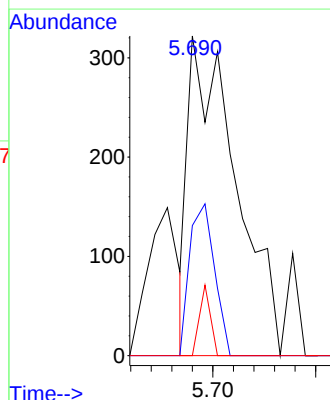
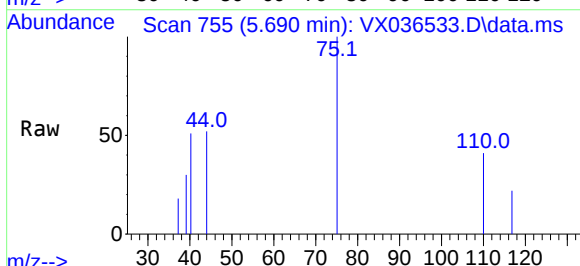
Tgt Ion: 75 Resp: 518

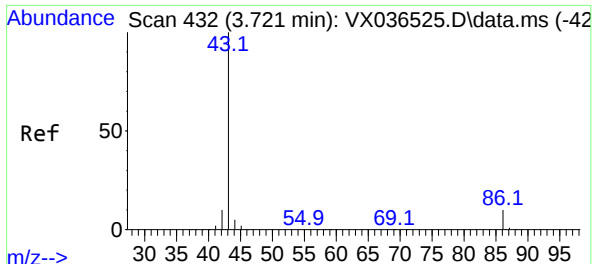
Ion Ratio Lower Upper

75 100

110 24.9 0.0 70.4

77 0.0 0.0 62.8

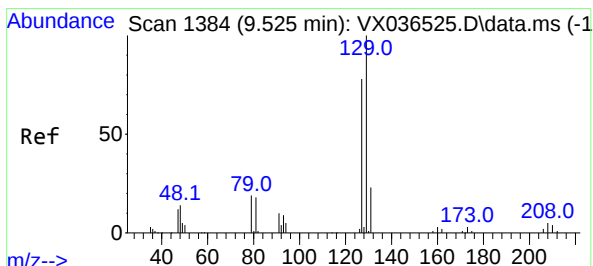
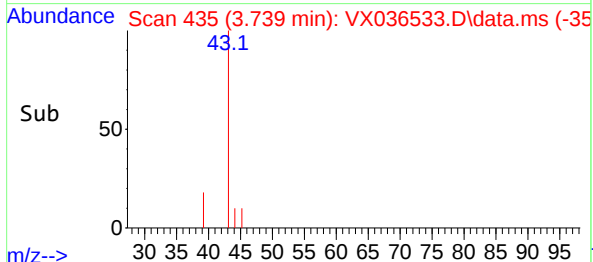
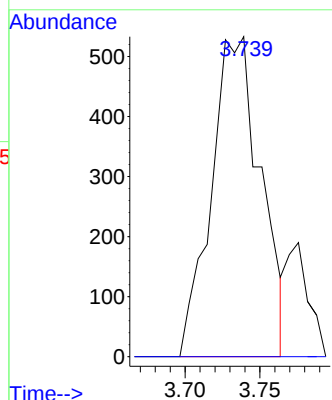
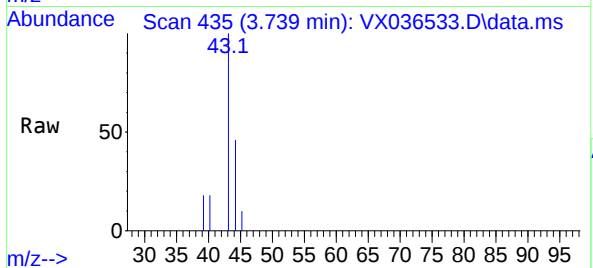




#42  
 Vinyl Acetate  
 Concen: 0.250 ug/l  
 RT: 3.739 min Scan# 41  
 Delta R.T. 0.018 min  
 Lab File: VX036533.D  
 Acq: 13 Jul 2023 18:18

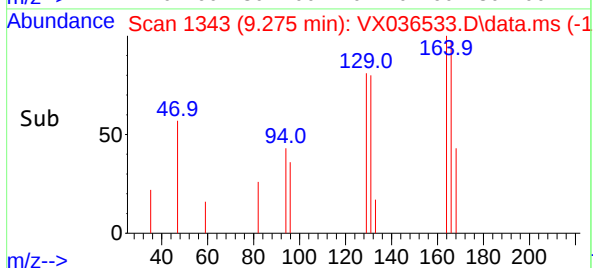
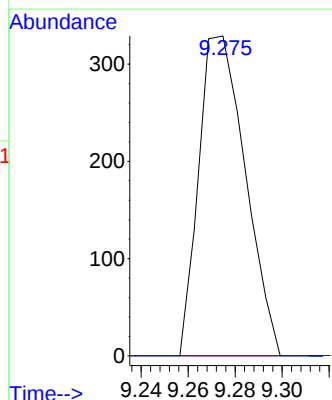
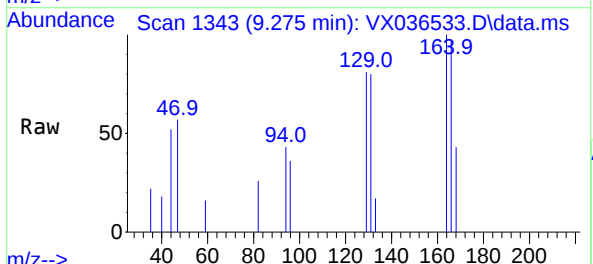
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0714WBL01

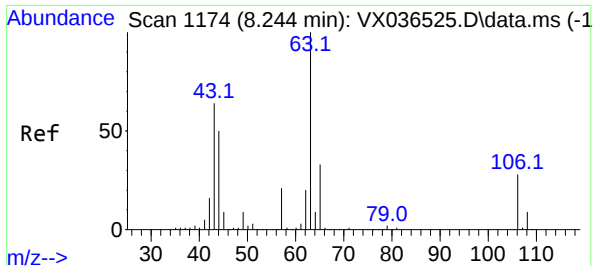
Tgt Ion: 43 Resp: 1223  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 7.4 11.0#



#53  
 Dibromochloromethane  
 Concen: 0.213 ug/l  
 RT: 9.275 min Scan# 1343  
 Delta R.T. -0.250 min  
 Lab File: VX036533.D  
 Acq: 13 Jul 2023 18:18

Tgt Ion: 129 Resp: 454  
 Ion Ratio Lower Upper  
 129 100  
 127 0.0 38.6 115.8#

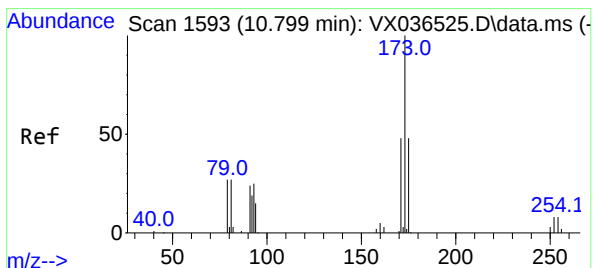
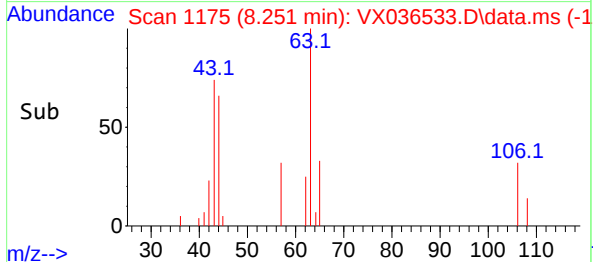
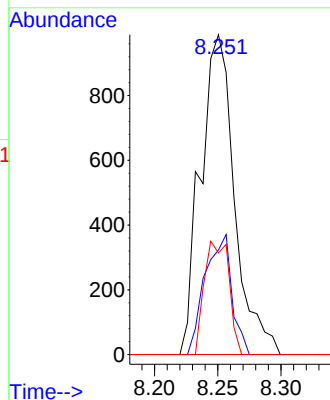
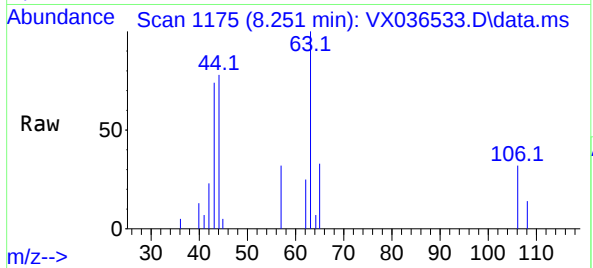




#55  
2-Chloroethyl vinyl ether  
Concen: 1.037 ug/l  
RT: 8.251 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

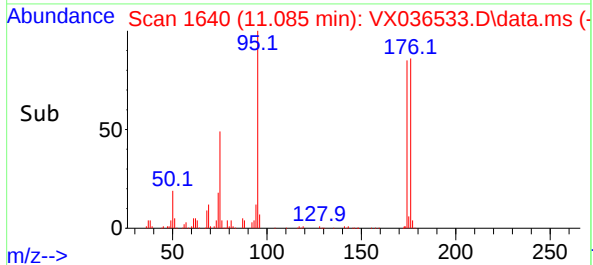
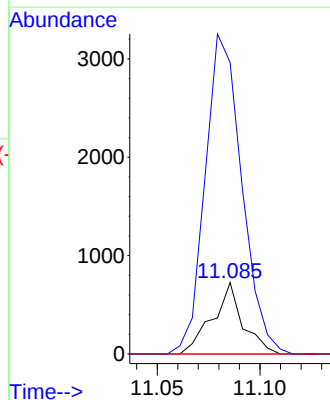
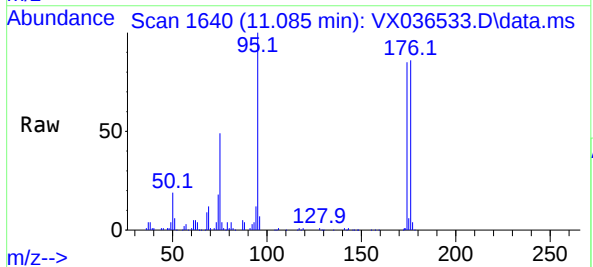
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

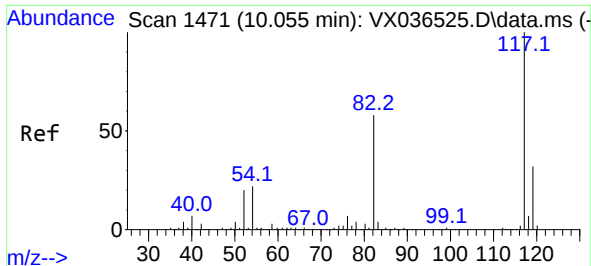
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 1852  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 29.4     | 25.9 38.9   |
| 106 25.6    | 21.8 32.8   |



#56  
Bromoform  
Concen: 0.502 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.287 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:173 | Resp: | 746   |
| Ion | Ratio   | Lower | Upper |
| 173 | 100     |       |       |
| 175 | 540.1   | 38.1  | 57.1# |
| 254 | 0.0     | 6.7   | 10.1# |





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0714WBL01

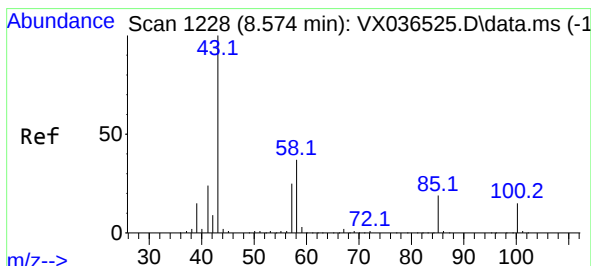
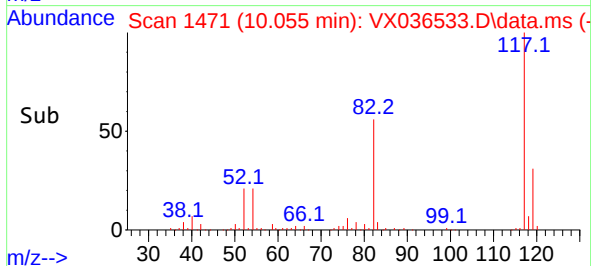
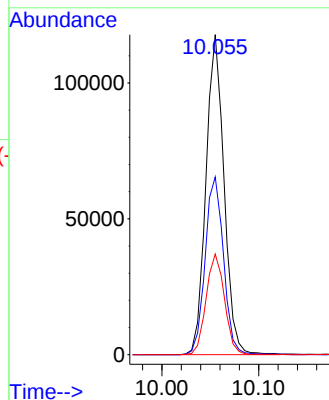
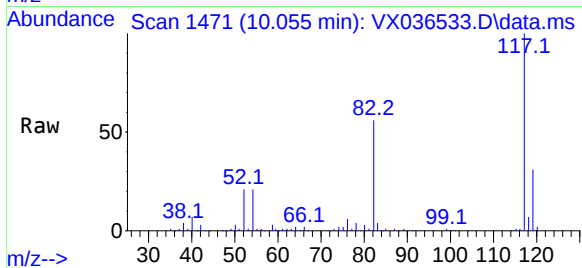
Tgt Ion:117 Resp: 153535

Ion Ratio Lower Upper

117 100

82 56.5 44.7 67.1

119 31.9 25.6 38.4



#58

4-Methyl-2-Pentanone

Concen: 0.310 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

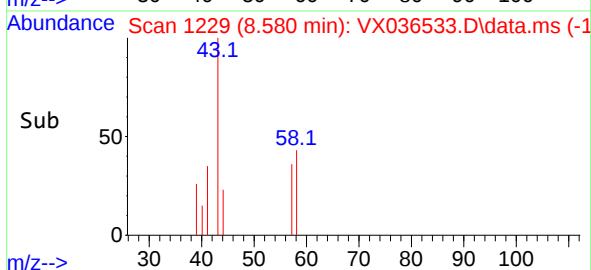
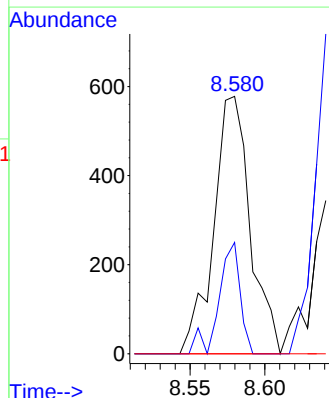
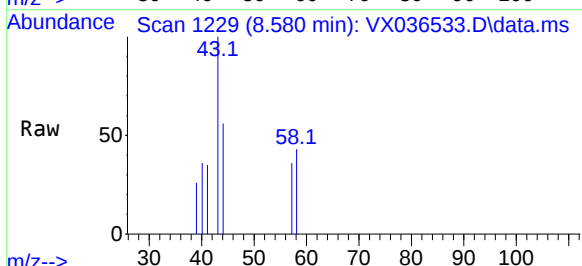
Tgt Ion: 43 Resp: 983

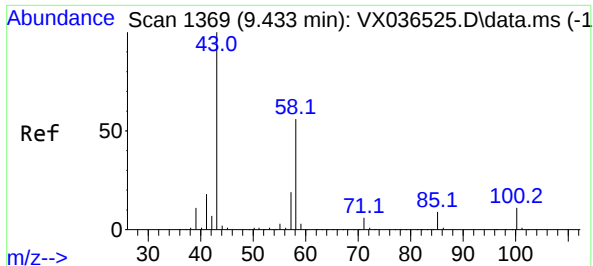
Ion Ratio Lower Upper

43 100

58 22.9 30.9 46.3#

85 0.0 14.4 21.6#





#59

2-Hexanone

Concen: 0.269 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0714WBL01

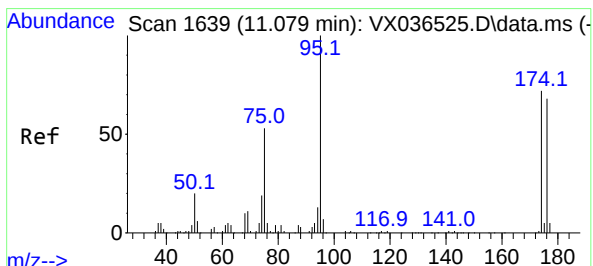
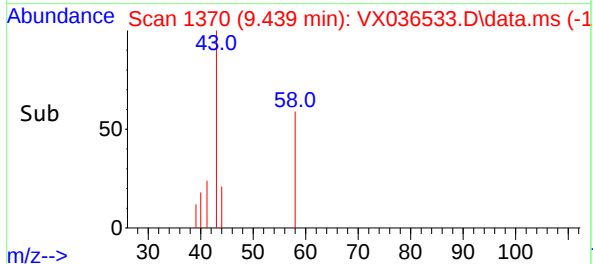
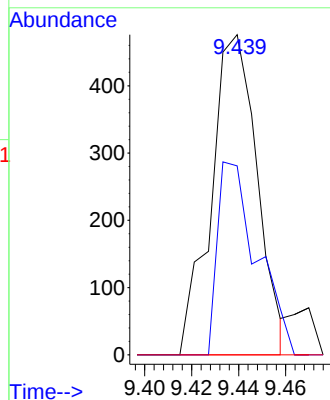
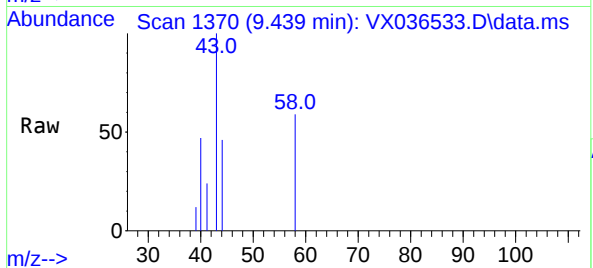
Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

43 100

58 51.7 43.4 65.2

57 0.0 15.1 22.7#



#60

4-Bromofluorobenzene

Concen: 28.022 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

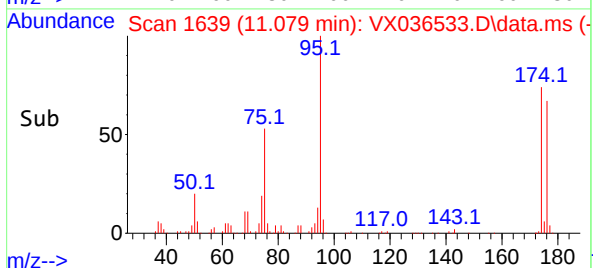
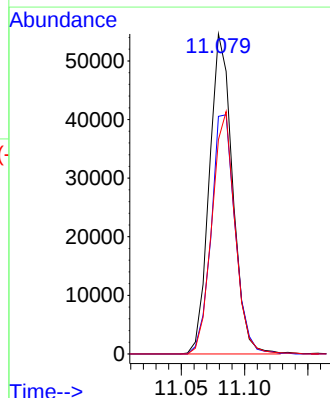
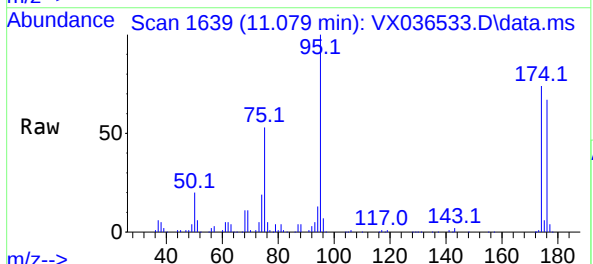
Tgt Ion: 95 Resp: 69788

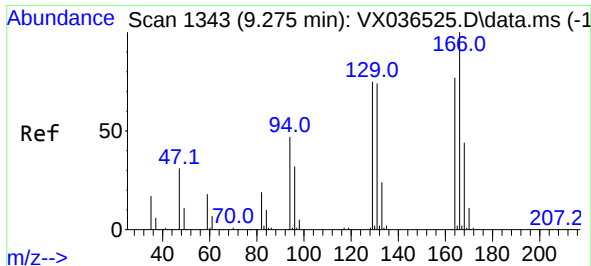
Ion Ratio Lower Upper

95 100

174 77.0 60.5 90.7

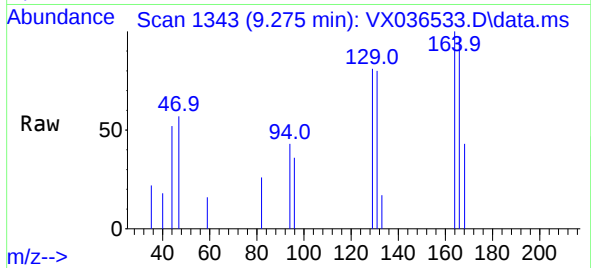
176 74.9 58.2 87.4



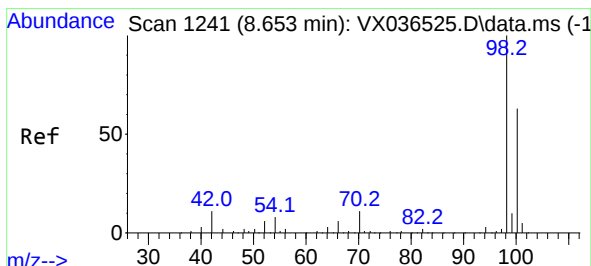
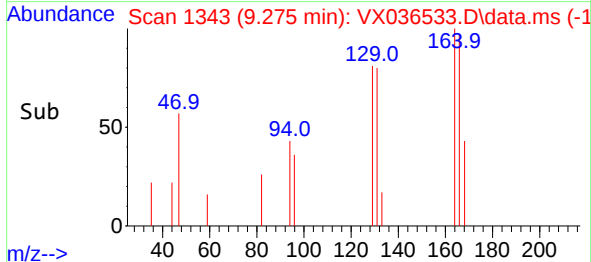
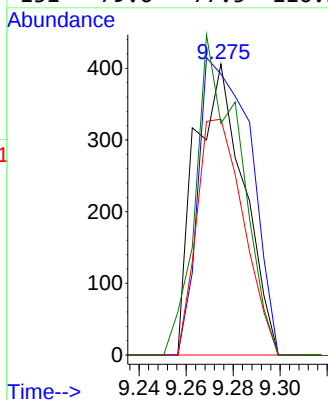


#61  
Tetrachloroethene  
Concen: 0.318 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

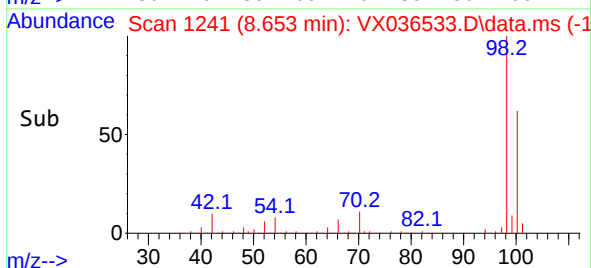
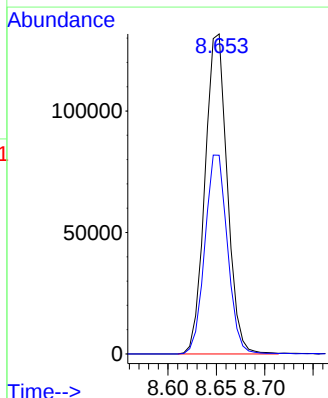
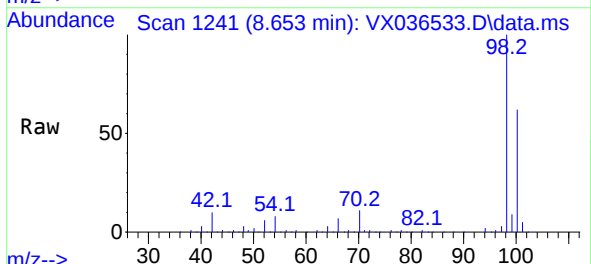


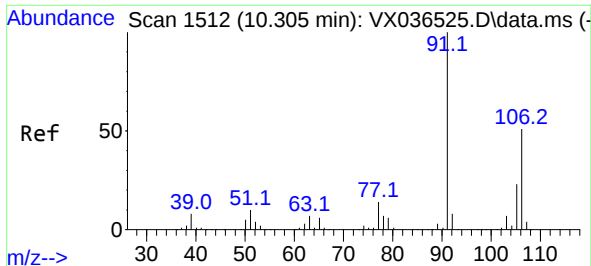
Tgt Ion:164 Resp: 584  
Ion Ratio Lower Upper  
164 100  
166 96.6 104.5 156.7#  
129 81.0 78.0 117.0  
131 79.6 77.5 116.3



#63  
Toluene-d8  
Concen: 29.889 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 98 Resp: 211166  
Ion Ratio Lower Upper  
98 100  
100 63.0 51.6 77.4

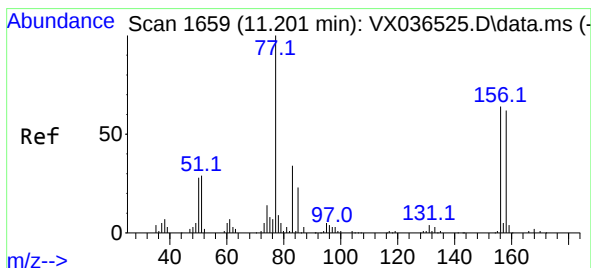
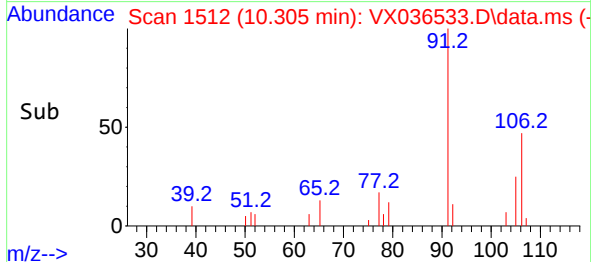
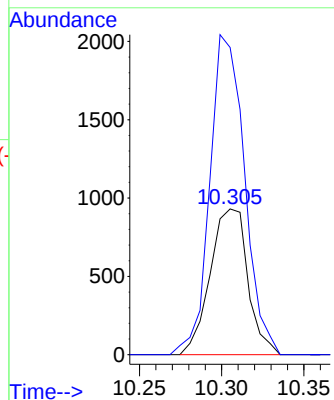
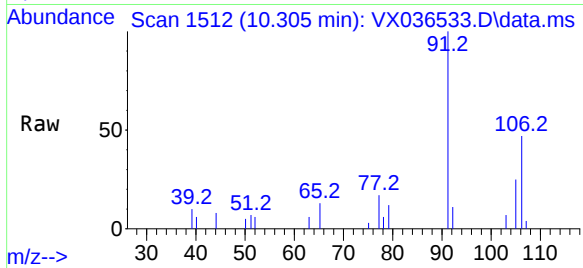




#67  
m/p-Xylenes  
Concen: 0.407 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

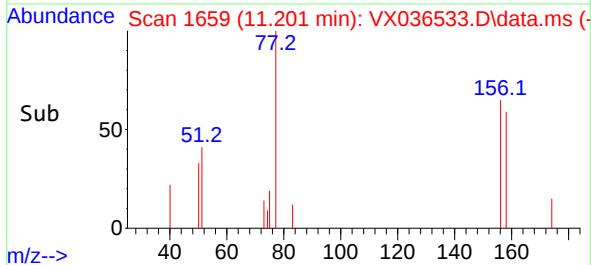
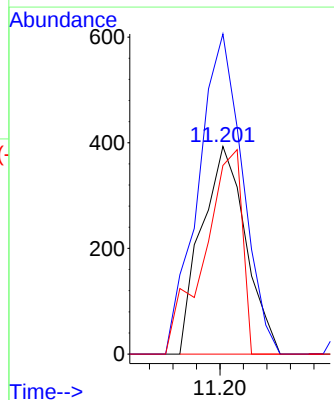
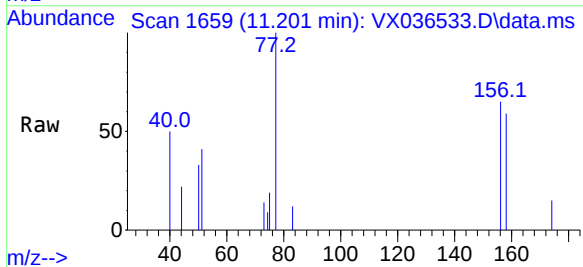
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

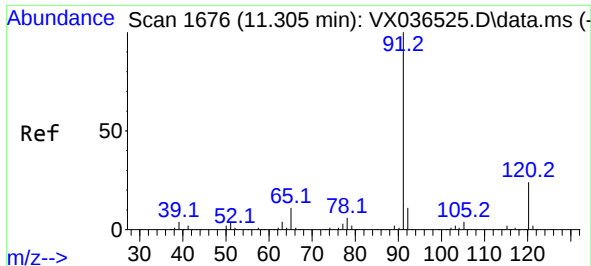
Tgt Ion:106 Resp: 1484  
Ion Ratio Lower Upper  
106 100  
91 202.4 160.5 240.7



#73  
Bromobenzene  
Concen: 0.231 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion:156 Resp: 515  
Ion Ratio Lower Upper  
156 100  
77 154.8 0.0 333.0  
158 84.3 0.0 196.4

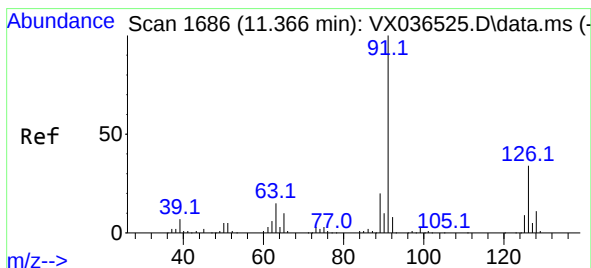
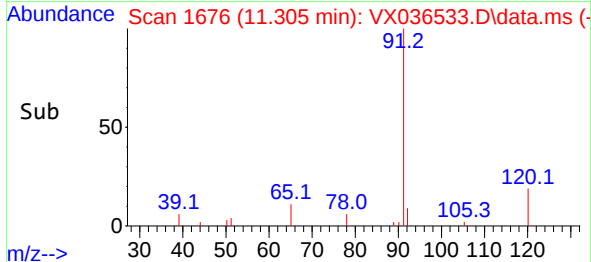
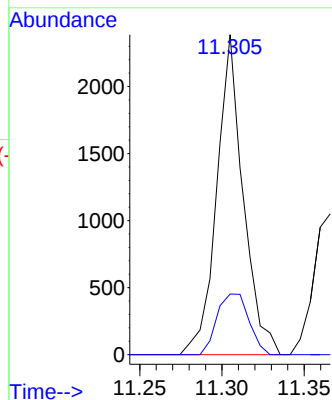
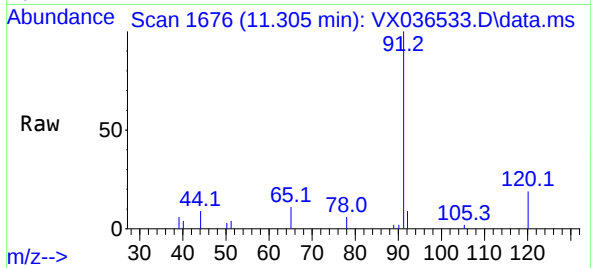




#74  
n-propylbenzene  
Concen: 0.251 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

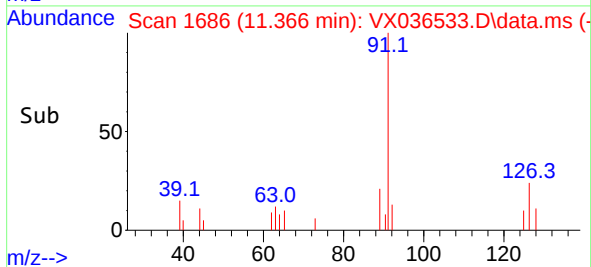
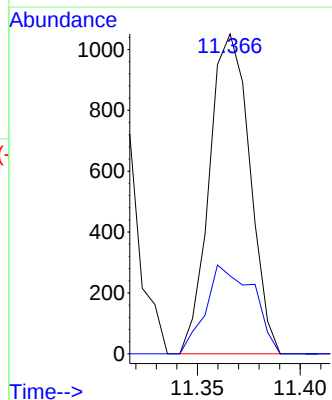
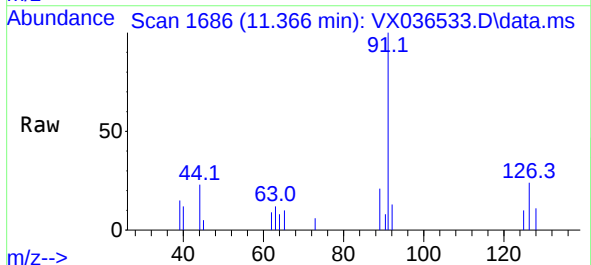
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

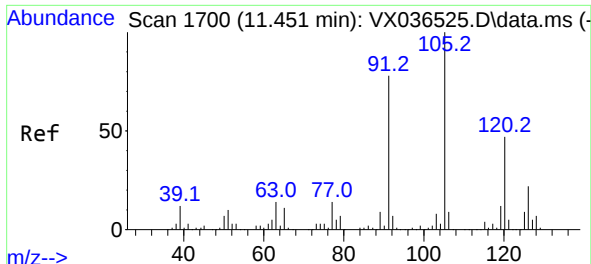
Tgt Ion: 91 Resp: 2669  
Ion Ratio Lower Upper  
91 100  
120 22.8 0.0 46.6



#75  
2-Chlorotoluene  
Concen: 0.223 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 91 Resp: 1440  
Ion Ratio Lower Upper  
91 100  
126 32.3 0.0 66.2

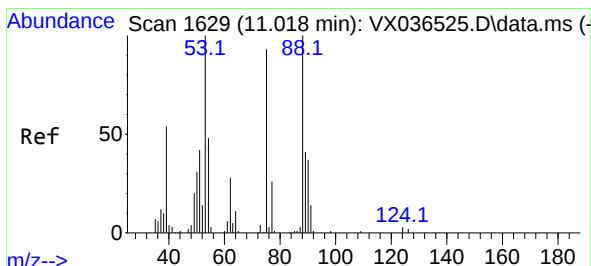
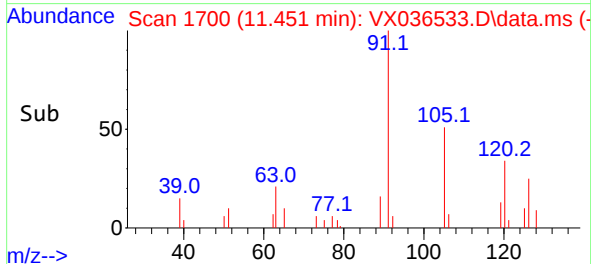
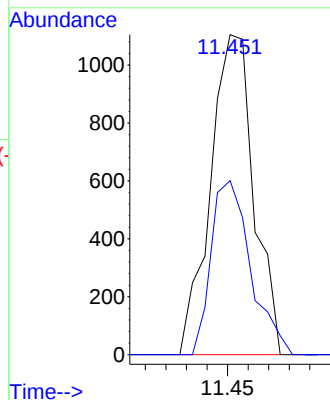
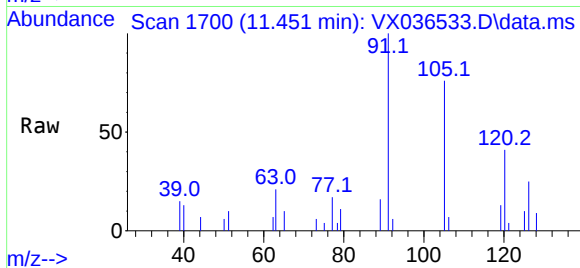




#76  
1,3,5-Trimethylbenzene  
Concen: 0.209 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

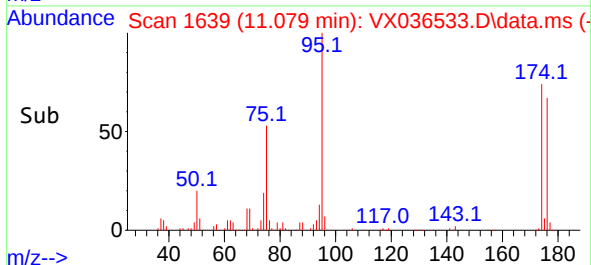
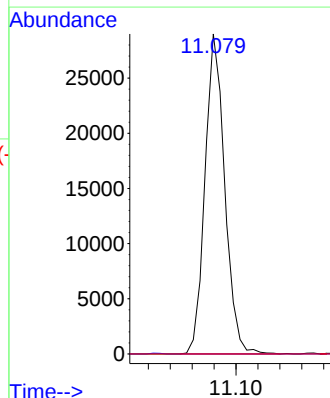
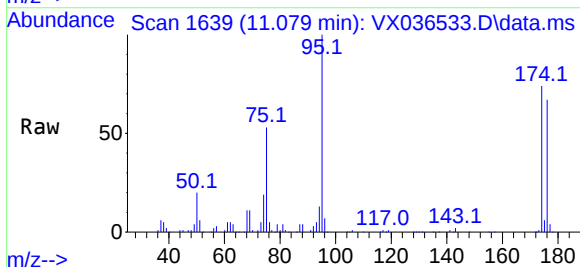
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

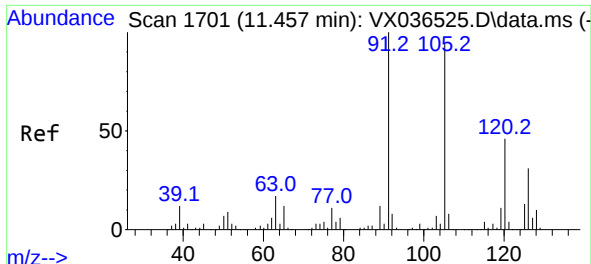
Tgt Ion:105 Resp: 1624  
Ion Ratio Lower Upper  
105 100  
120 49.5 0.0 96.4



#77  
t-1,4-Dichloro-2-butene  
Concen: 36.125 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 75 Resp: 36198  
Ion Ratio Lower Upper  
75 100  
53 0.0 53.9 161.7#  
89 0.0 22.1 66.1#

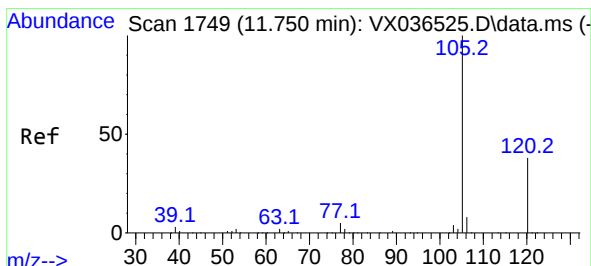
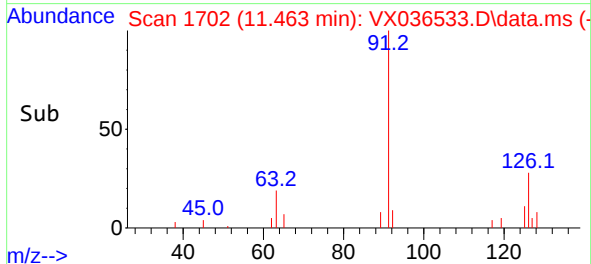
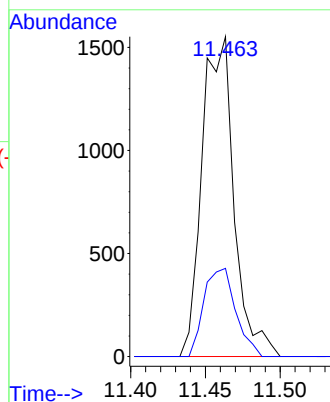
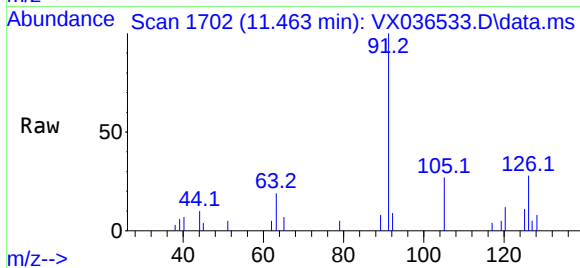




#78  
4-Chlorotoluene  
Concen: 0.313 ug/l  
RT: 11.463 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

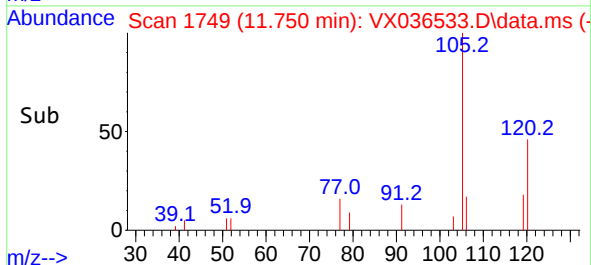
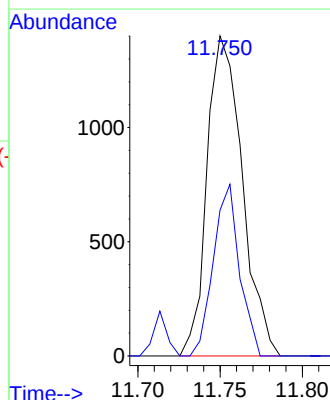
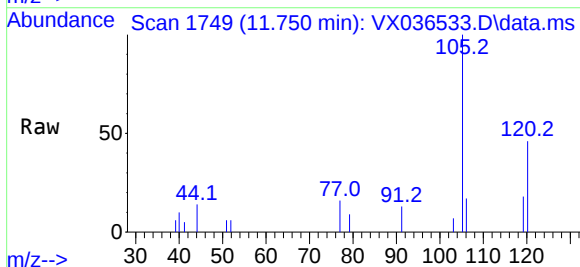
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

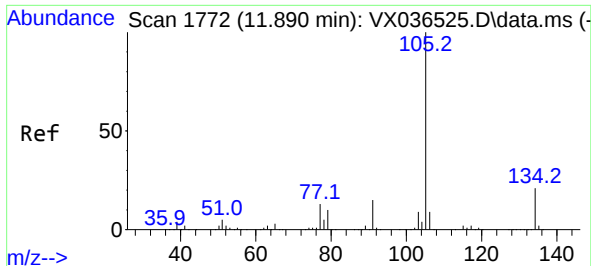
Tgt Ion: 91 Resp: 2300  
Ion Ratio Lower Upper  
91 100  
126 27.5 0.0 59.4



#80  
1,2,4-Trimethylbenzene  
Concen: 0.272 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 105 Resp: 2087  
Ion Ratio Lower Upper  
105 100  
120 39.8 0.0 90.2

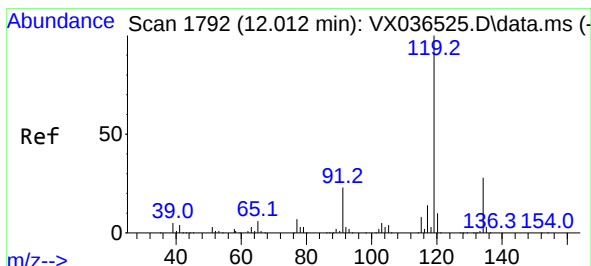
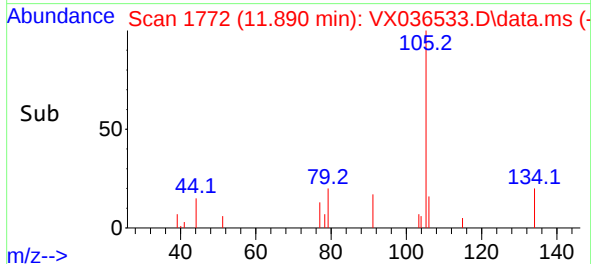
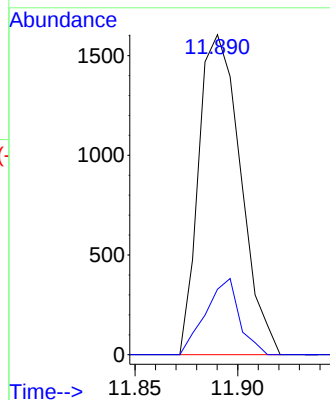
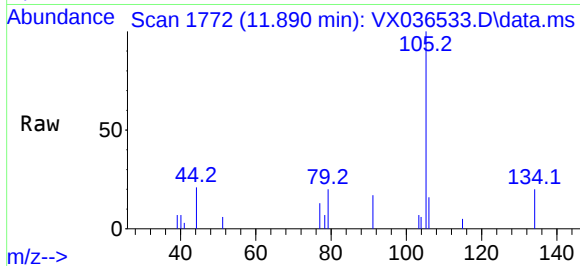




#81  
 sec-Butylbenzene  
 Concen: 0.246 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036533.D  
 Acq: 13 Jul 2023 18:18

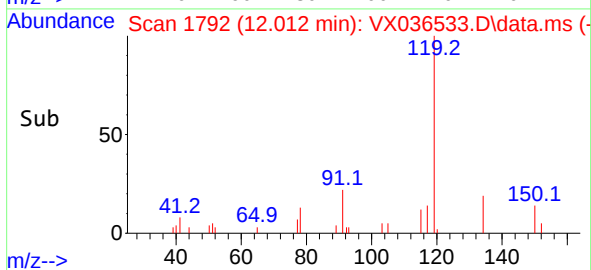
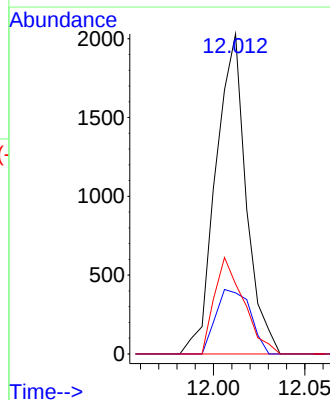
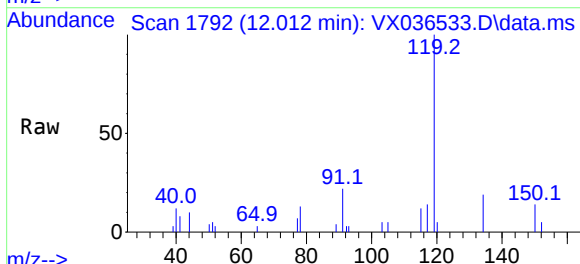
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0714WBL01

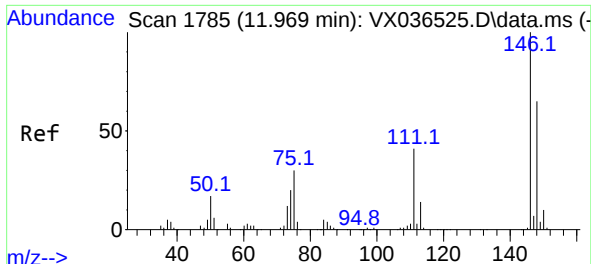
Tgt Ion:105 Resp: 2278  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 0.0 41.2



#82  
 p-Isopropyltoluene  
 Concen: 0.304 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX036533.D  
 Acq: 13 Jul 2023 18:18

Tgt Ion:119 Resp: 2345  
 Ion Ratio Lower Upper  
 119 100  
 134 22.8 0.0 53.2  
 91 29.1 0.0 49.4

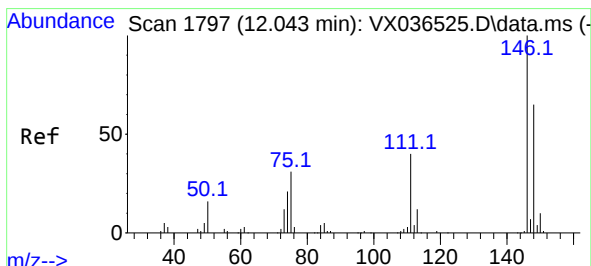
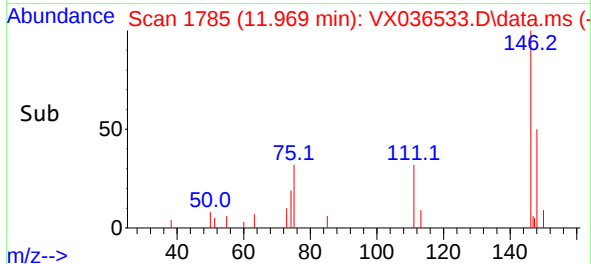
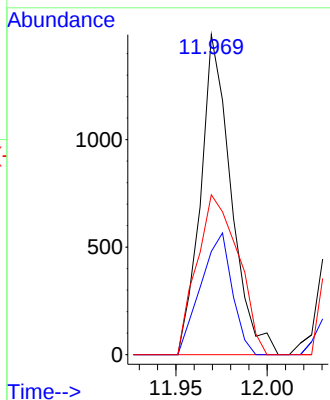
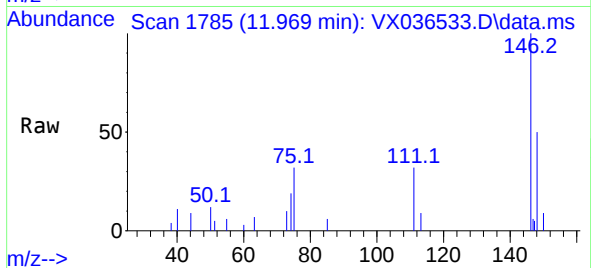




#83  
1,3-Dichlorobenzene  
Concen: 0.416 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

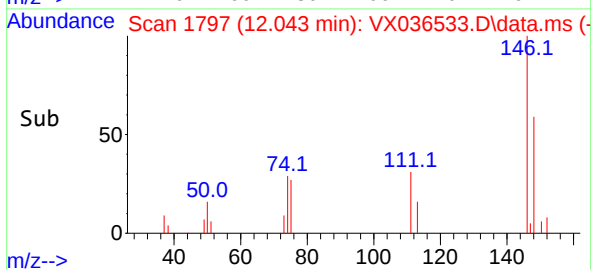
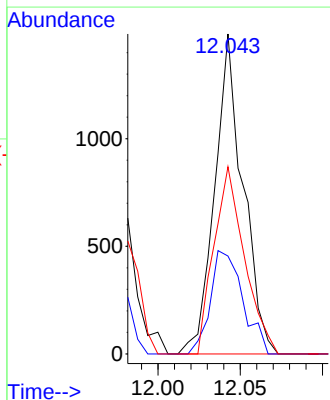
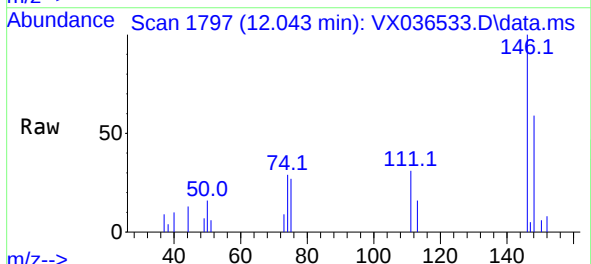
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

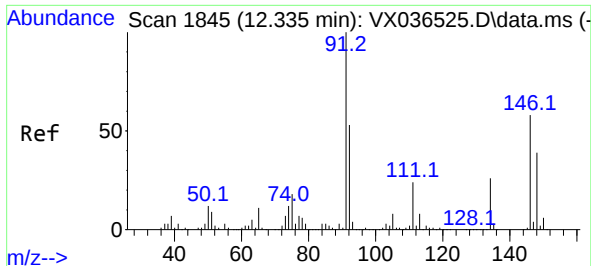
Tgt Ion:146 Resp: 1726  
Ion Ratio Lower Upper  
146 100  
111 39.2 20.4 61.2  
148 67.7 31.6 94.8



#84  
1,4-Dichlorobenzene  
Concen: 0.429 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion:146 Resp: 1774  
Ion Ratio Lower Upper  
146 100  
111 37.0 20.2 60.6  
148 63.4 32.1 96.3



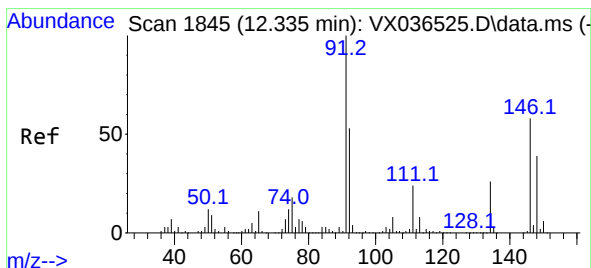
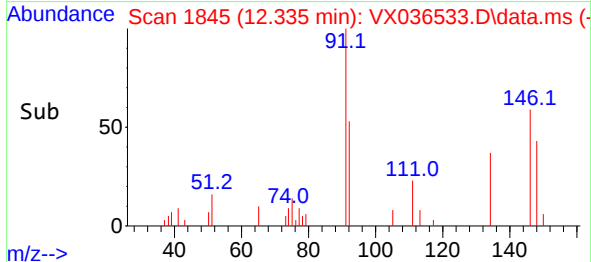
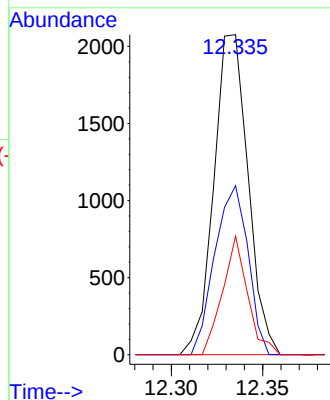
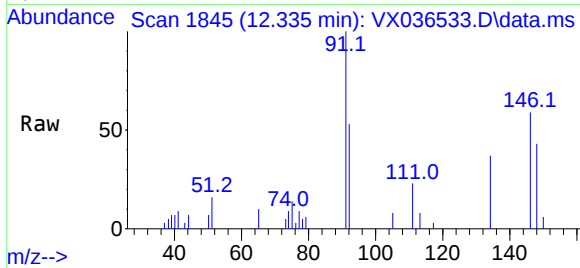


#85  
n-Butylbenzene  
Concen: 0.386 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

Tgt Ion: 91 Resp: 2711

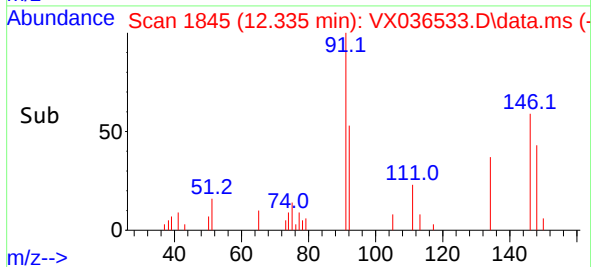
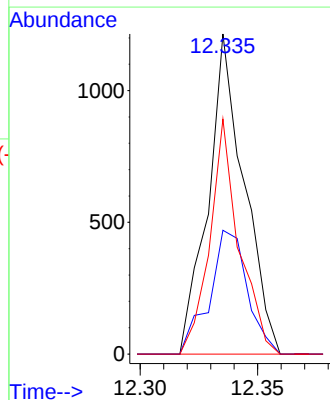
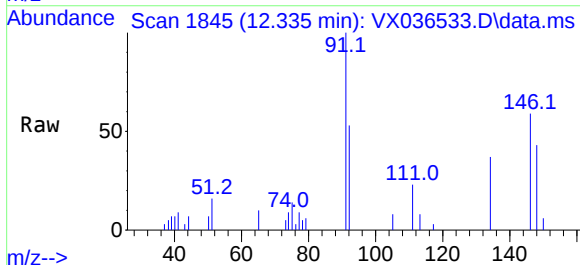
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.1  | 0.0   | 105.2 |
| 134 | 27.2  | 0.0   | 51.4  |

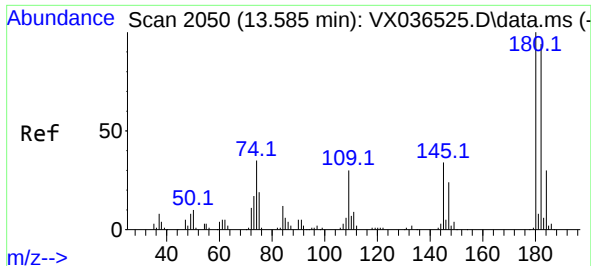


#87  
1,2-Dichlorobenzene  
Concen: 0.311 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion: 146 Resp: 1294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.8  | 21.4  | 64.3  |
| 148 | 59.7  | 33.2  | 99.6  |





#89

1,2,4-Trichlorobenzene

Concen: 0.673 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

Instrument :

MSVOA\_X

ClientSampleId :

VX0714WBL01

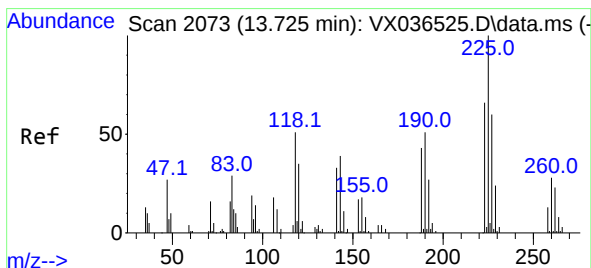
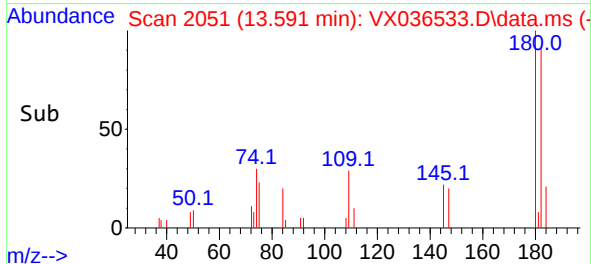
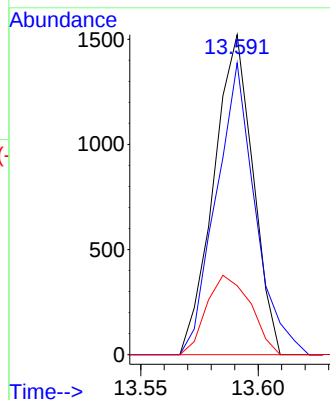
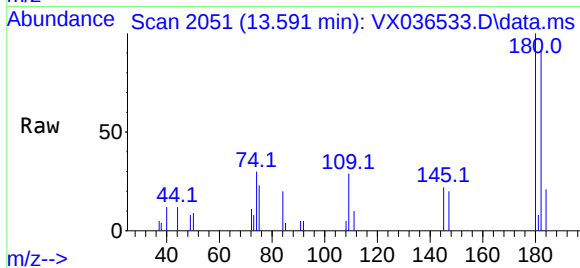
Tgt Ion:180 Resp: 1767

Ion Ratio Lower Upper

180 100

182 90.8 75.6 113.4

145 27.8 25.4 38.2



#90

Hexachlorobutadiene

Concen: 0.740 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX036533.D

Acq: 13 Jul 2023 18:18

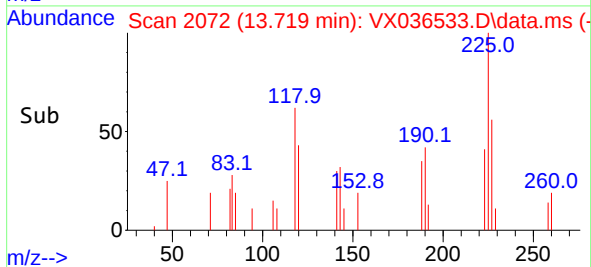
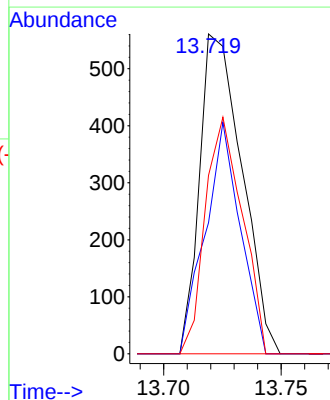
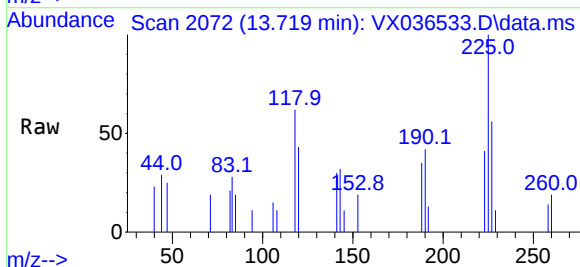
Tgt Ion:225 Resp: 705

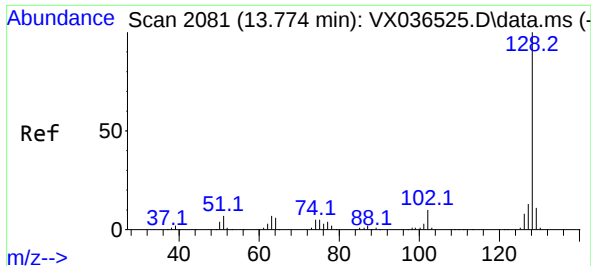
Ion Ratio Lower Upper

225 100

223 59.7 0.0 124.2

227 64.5 0.0 120.4

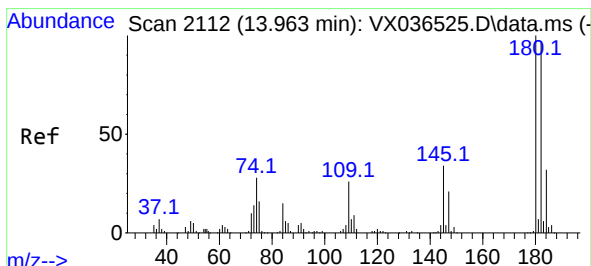
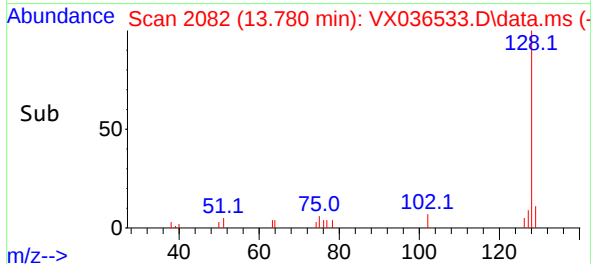
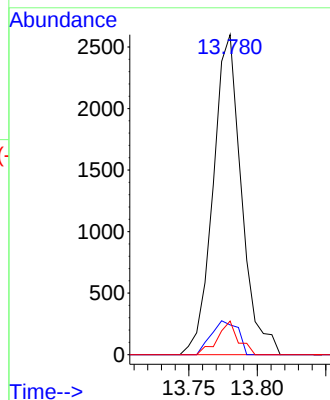
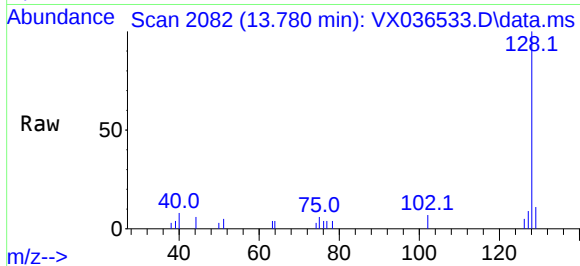




#91  
Naphthalene  
Concen: 0.406 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.006 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0714WBL01

Tgt Ion:128 Resp: 3740  
Ion Ratio Lower Upper  
128 100  
127 10.0 10.3 15.5#  
129 7.7 8.7 13.1#



#92  
1,2,3-Trichlorobenzene  
Concen: 0.565 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX036533.D  
Acq: 13 Jul 2023 18:18

Tgt Ion:180 Resp: 1496  
Ion Ratio Lower Upper  
180 100  
182 92.0 0.0 190.6  
145 32.4 0.0 66.8

