

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
 Data File : VX044116.D  
 Acq On : 04 Dec 2024 14:56  
 Operator : JC/MD  
 Sample : P5006-09DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 05 00:27:23 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

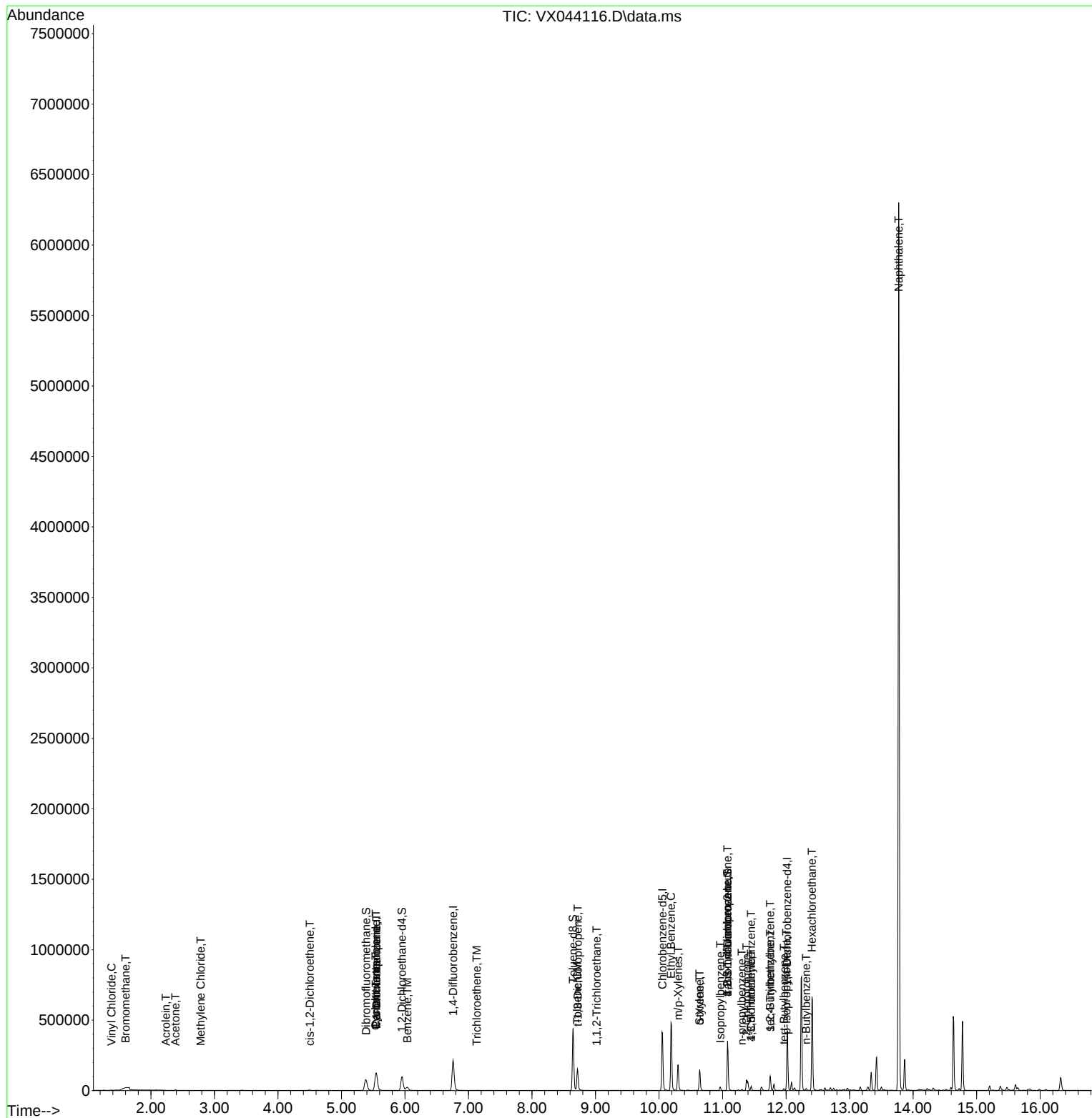
| Compound                      | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                         |                |      |                     |         |        |          |
| Internal Standards            |                |      |                     |         |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 107028              | 50.000  | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.757          | 114  | 209800              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 182342              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018         | 152  | 79045               | 50.000  | ug/l   | 0.00     |
|                               |                |      |                     |         |        |          |
| System Monitoring Compounds   |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952          | 65   | 96351               | 52.487  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = 104.980% |         |        |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 68065               | 45.403  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = 90.800%  |         |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 258636              | 50.049  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = 100.100% |         |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 87724               | 49.880  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 77 - 121 |      | Recovery = 99.760%  |         |        |          |
|                               |                |      |                     |         |        |          |
| Target Compounds              |                |      |                     |         |        | Qvalue   |
| 4) Vinyl Chloride             | 1.380          | 62   | 362                 | 0.239   | ug/l   | 96       |
| 5) Bromomethane               | 1.599          | 94   | 245                 | 0.262   | ug/l   | 86       |
| 13) Acrolein                  | 2.233          | 56   | 83                  | 0.267   | ug/l # | 60       |
| 16) Acetone                   | 2.386          | 43   | 4639                | 5.502   | ug/l # | 87       |
| 20) Methylene Chloride        | 2.782          | 84   | 323                 | 0.226   | ug/l # | 77       |
| 27) cis-1,2-Dichloroethene    | 4.501          | 96   | 1929                | 1.226   | ug/l   | 92       |
| 31) Cyclohexane               | 5.537          | 56   | 3482                | 1.702   | ug/l # | 56       |
| 36) 1,1-Dichloropropene       | 5.550          | 75   | 10710               | 5.733   | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.544          | 117  | 12614               | 6.009   | ug/l # | 14       |
| 40) Benzene                   | 6.037          | 78   | 27877               | 4.791   | ug/l   | 98       |
| 44) Trichloroethene           | 7.129          | 130  | 617                 | 0.375   | ug/l   | 41       |
| 52) Toluene                   | 8.714          | 92   | 56542               | 16.234  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.720          | 75   | 846                 | 0.410   | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 9.018          | 97   | 630                 | 0.438   | ug/l # | 23       |
| 67) Ethyl Benzene             | 10.189         | 91   | 285080              | 42.010  | ug/l   | 100      |
| 68) m/p-Xylenes               | 10.299         | 106  | 42056               | 16.619  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640         | 106  | 31086               | 12.581  | ug/l   | 94       |
| 70) Styrene                   | 10.640         | 104  | 1806                | 0.442   | ug/l # | 1        |
| 73) Isopropylbenzene          | 10.963         | 105  | 12846               | 2.114   | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 50364               | 29.054  | ug/l # | 34       |
| 78) n-propylbenzene           | 11.305         | 91   | 4359                | 0.642   | ug/l   | 87       |
| 79) 2-Chlorotoluene           | 11.378         | 91   | 8671                | 2.021   | ug/l # | 45       |
| 80) 1,3,5-Trimethylbenzene    | 11.451         | 105  | 12227               | 2.446   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 50364               | 79.282  | ug/l # | 6        |
| 82) 4-Chlorotoluene           | 11.451         | 91   | 1922                | 0.397   | ug/l # | 46       |
| 83) tert-Butylbenzene         | 11.969         | 119  | 3022                | 0.610   | ug/l   | 69       |
| 84) 1,2,4-Trimethylbenzene    | 11.750         | 105  | 43311               | 8.703   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.750         | 105  | 43311               | 7.134   | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 12.006         | 119  | 2372                | 0.481   | ug/l # | 73       |
| 89) n-Butylbenzene            | 12.317         | 91   | 1910                | 0.439   | ug/l # | 32       |
| 90) Hexachloroethane          | 12.408         | 117  | 24928               | 29.729  | ug/l # | 18       |
| 95) Naphthalene               | 13.774         | 128  | 3511065             | 620.989 | ug/l   | 99       |
| -----                         |                |      |                     |         |        |          |

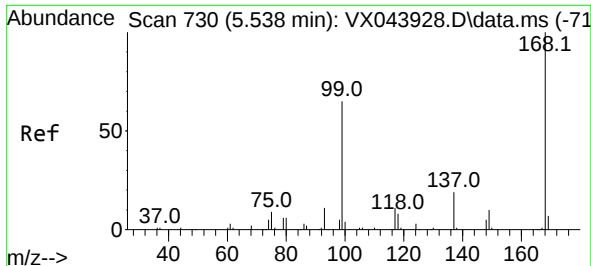
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
Data File : VX044116.D  
Acq On : 04 Dec 2024 14:56  
Operator : JC/MD  
Sample : P5006-09DL 5X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Dec 05 00:27:23 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

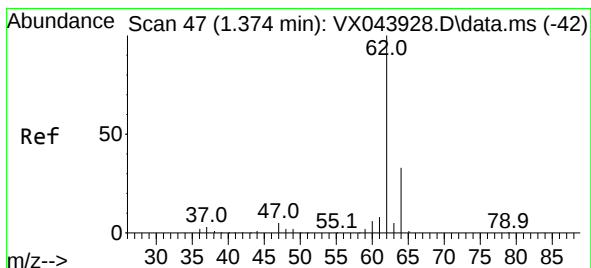
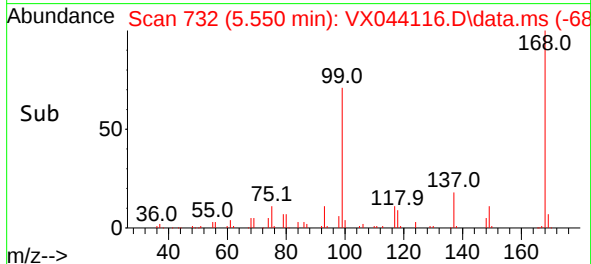
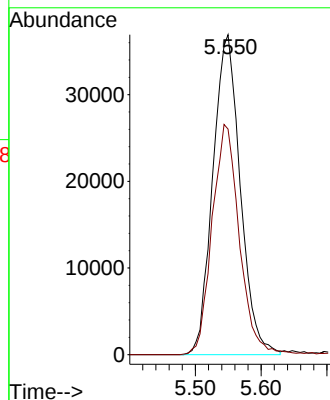
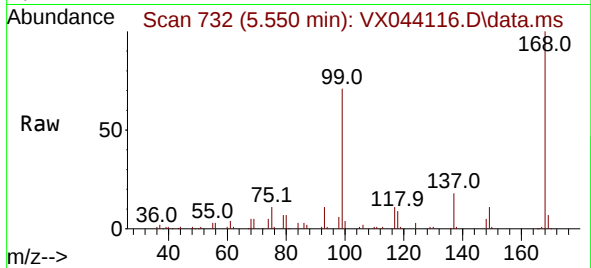




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

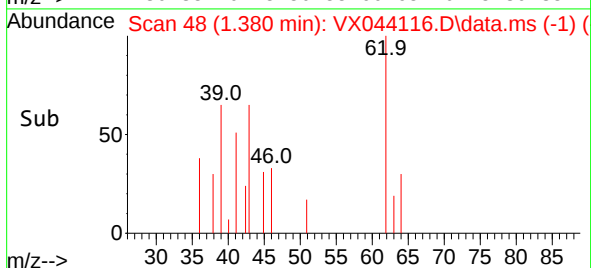
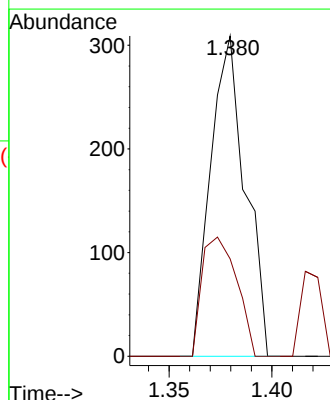
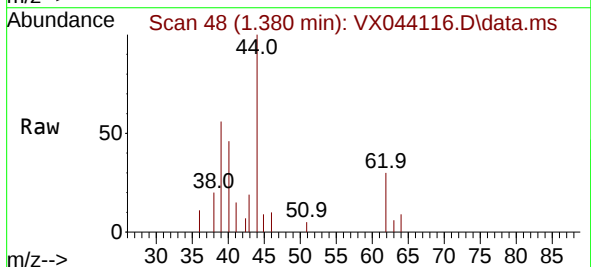
Instrument :  
MSVOA\_X  
ClientSampleId :

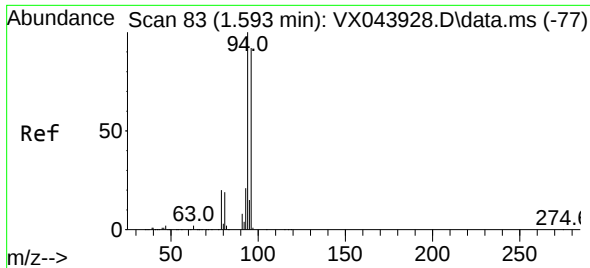
Tgt Ion:168 Resp: 107028  
Ion Ratio Lower Upper  
168 100  
99 70.5 51.8 77.8



#4  
Vinyl Chloride  
Concen: 0.239 ug/l  
RT: 1.380 min Scan# 48  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 62 Resp: 362  
Ion Ratio Lower Upper  
62 100  
64 30.4 26.2 39.4

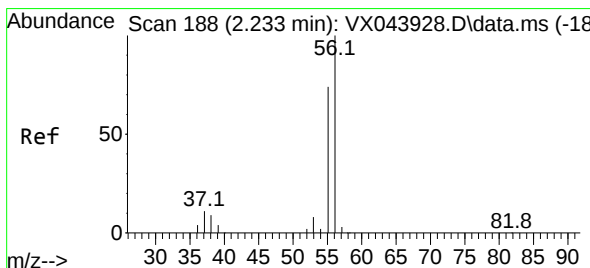
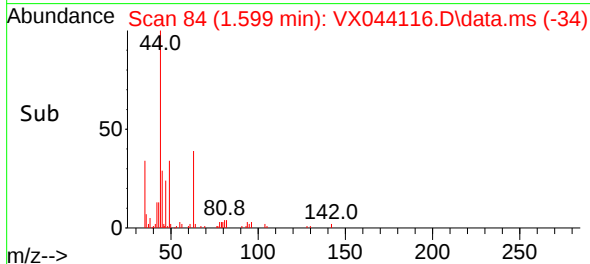
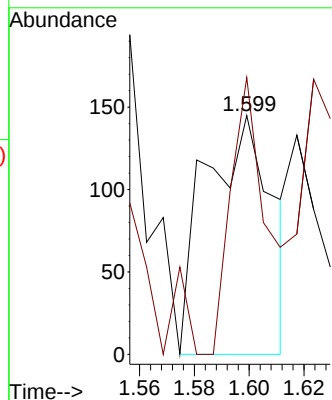
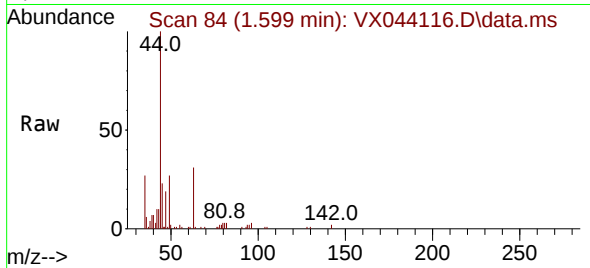




#5  
Bromomethane  
Concen: 0.262 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

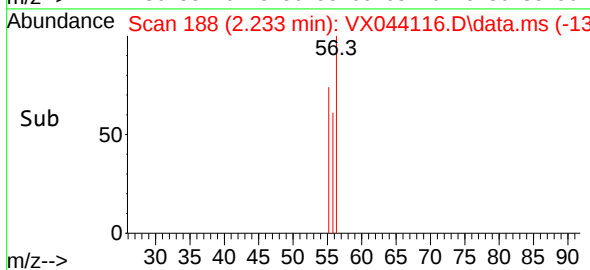
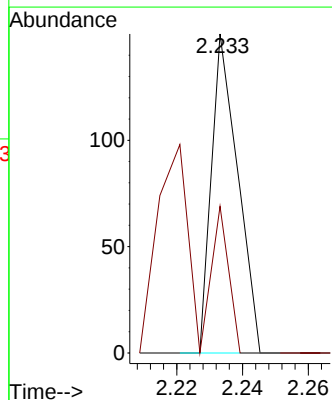
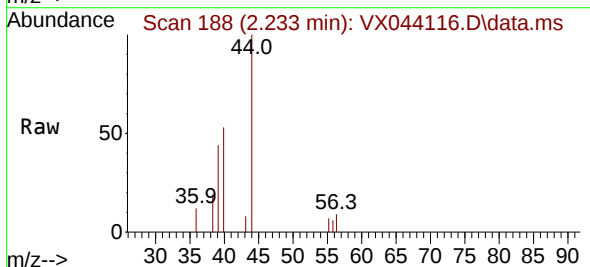
Instrument :  
MSVOA\_X  
ClientSampleId :

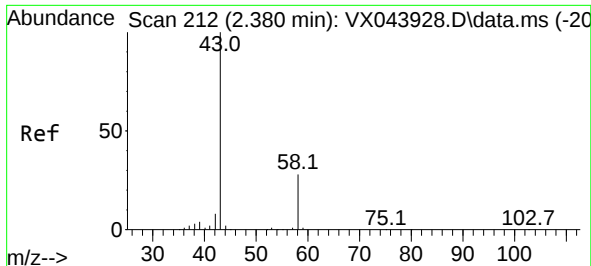
Tgt Ion: 94 Resp: 245  
Ion Ratio Lower Upper  
94 100  
96 79.3 73.9 110.9



#13  
Acrolein  
Concen: 0.267 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 56 Resp: 83  
Ion Ratio Lower Upper  
56 100  
55 106.0 58.2 87.2#

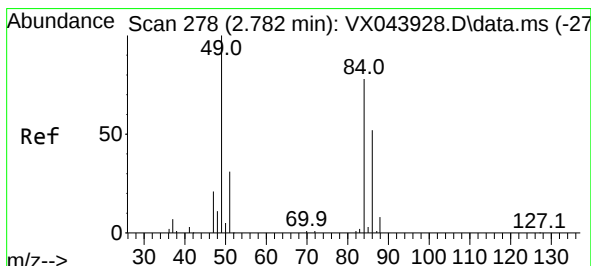
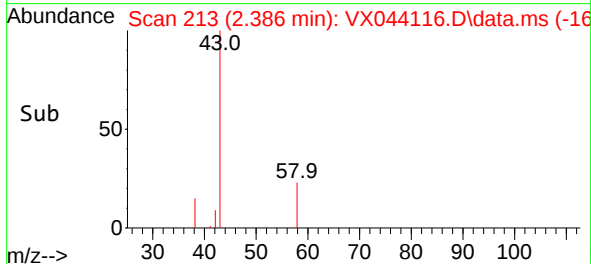
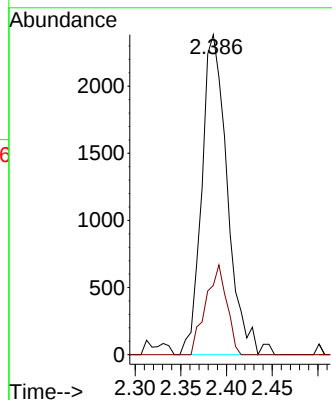
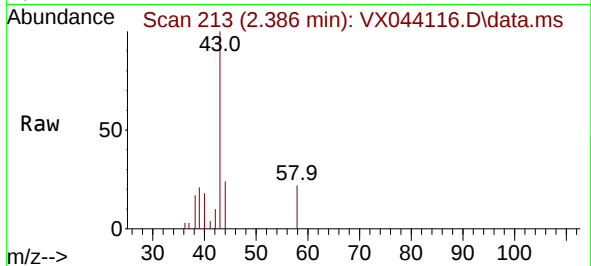




#16  
Acetone  
Concen: 5.502 ug/l  
RT: 2.386 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

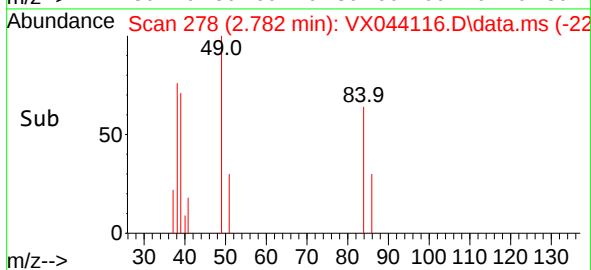
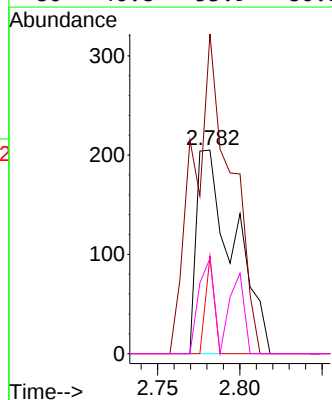
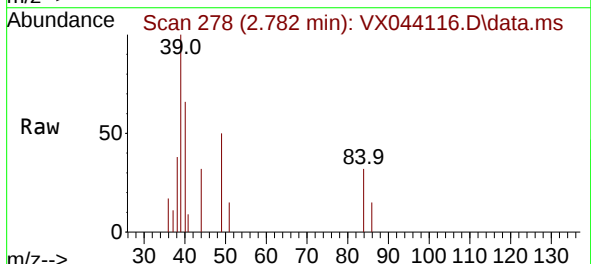
Instrument :  
MSVOA\_X  
ClientSampleId :

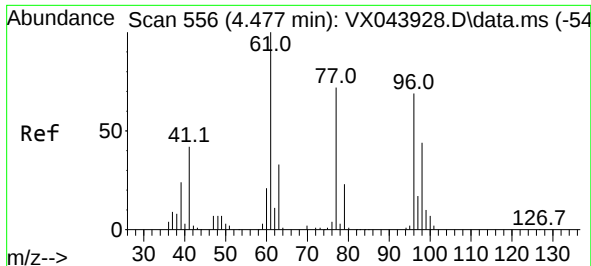
Tgt Ion: 43 Resp: 4639  
Ion Ratio Lower Upper  
43 100  
58 21.6 22.7 34.1#



#20  
Methylene Chloride  
Concen: 0.226 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 84 Resp: 323  
Ion Ratio Lower Upper  
84 100  
49 157.1 102.7 154.1#  
51 47.8 31.7 47.5#  
86 46.8 53.9 80.9#

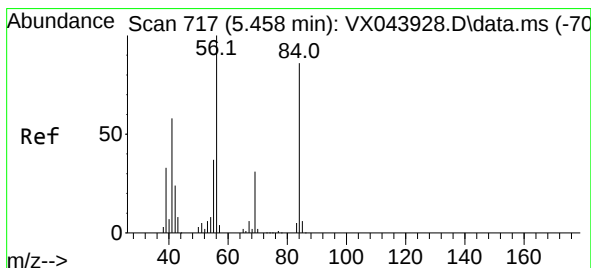
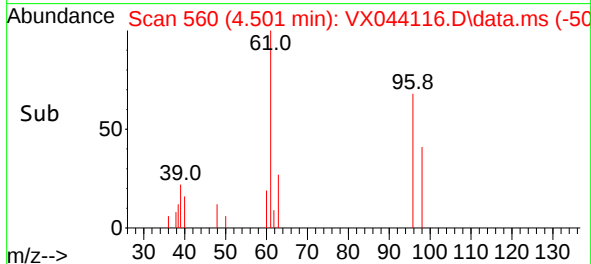
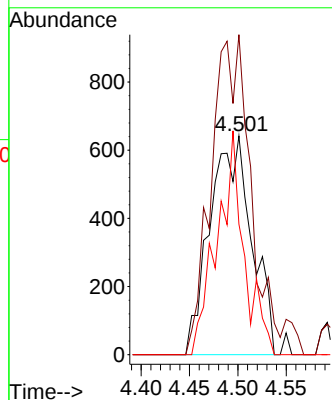
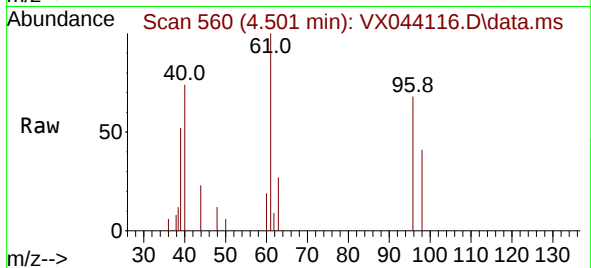




#27  
 cis-1,2-Dichloroethene  
 Concen: 1.226 ug/l  
 RT: 4.501 min Scan# 50  
 Delta R.T. 0.024 min  
 Lab File: VX044116.D  
 Acq: 04 Dec 2024 14:56

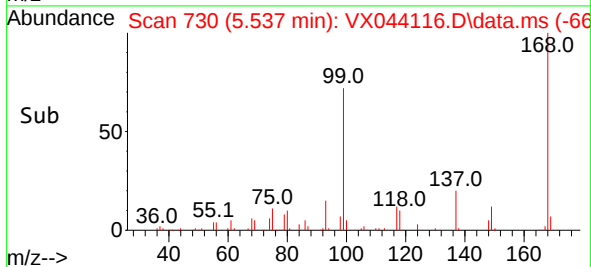
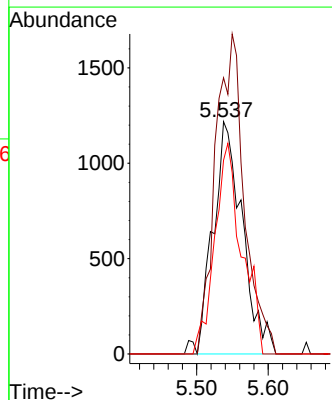
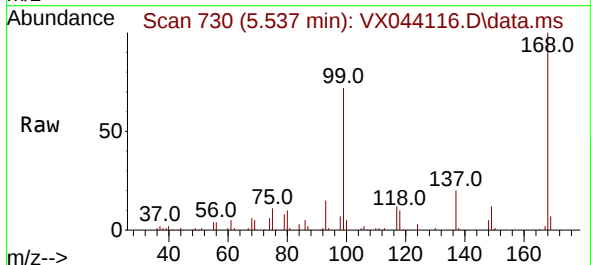
Instrument :  
 MSVOA\_X  
 ClientSampleId :

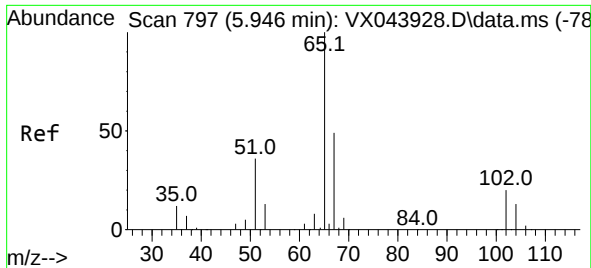
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 96 | Resp: | 1929        |
| Ion         | Ratio | Lower Upper |
| 96          | 100   |             |
| 61          | 136.2 | 0.0 297.4   |
| 98          | 65.6  | 0.0 127.8   |



#31  
 Cyclohexane  
 Concen: 1.702 ug/l  
 RT: 5.537 min Scan# 730  
 Delta R.T. 0.079 min  
 Lab File: VX044116.D  
 Acq: 04 Dec 2024 14:56

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 56 | Resp: | 3482        |
| Ion         | Ratio | Lower Upper |
| 56          | 100   |             |
| 69          | 118.9 | 24.7 37.1#  |
| 84          | 83.4  | 68.7 103.1  |

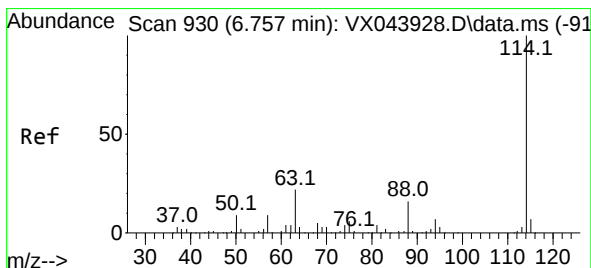
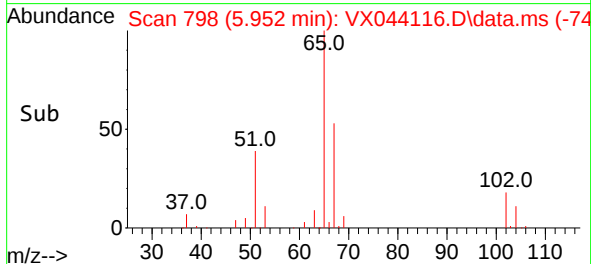
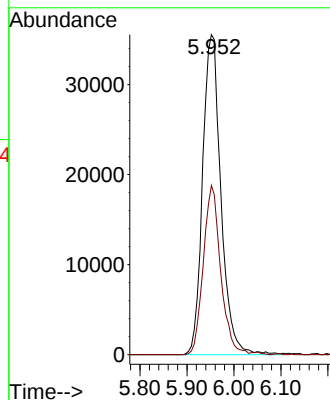
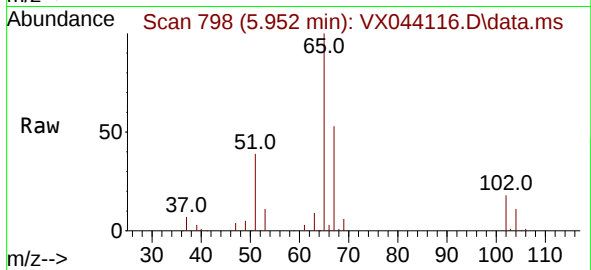




#33  
1,2-Dichloroethane-d4  
Concen: 52.487 ug/l  
RT: 5.952 min Scan# 797  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

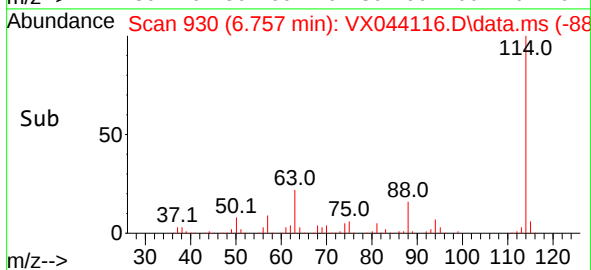
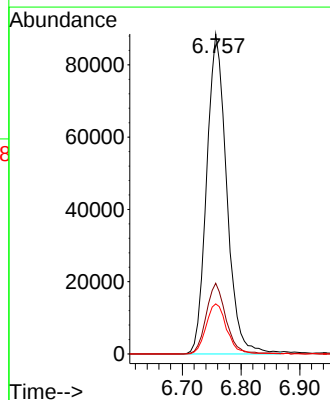
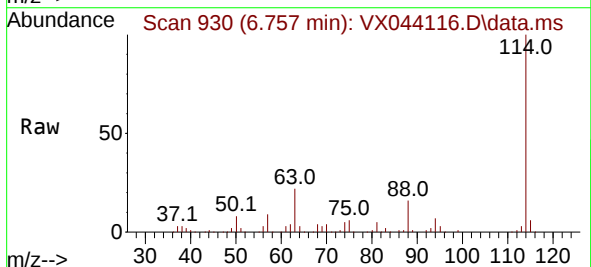
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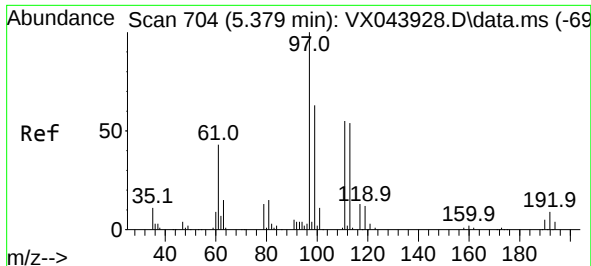
Tgt Ion: 65 Resp: 96351  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

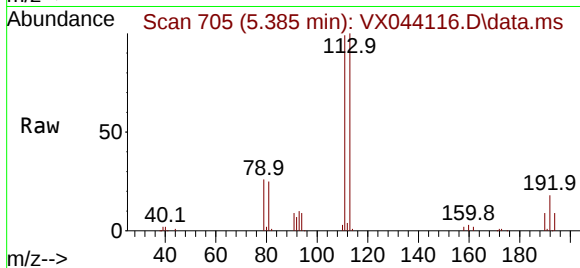
Tgt Ion: 114 Resp: 209800  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 44.0  
88 15.6 0.0 32.4



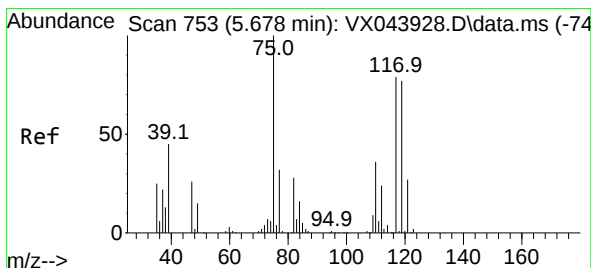
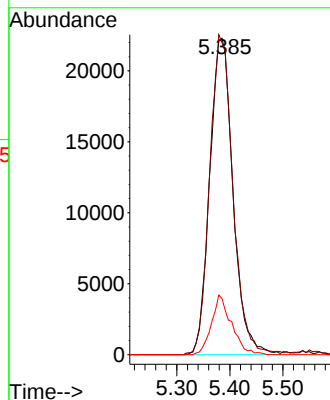
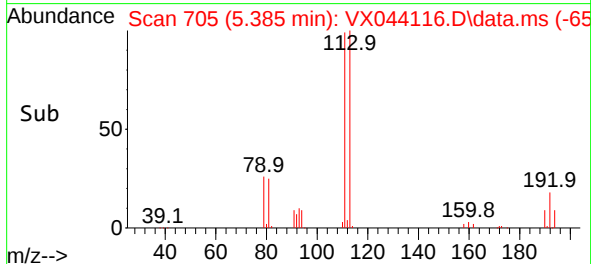


#35  
Dibromofluoromethane  
Concen: 45.403 ug/l  
RT: 5.385 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

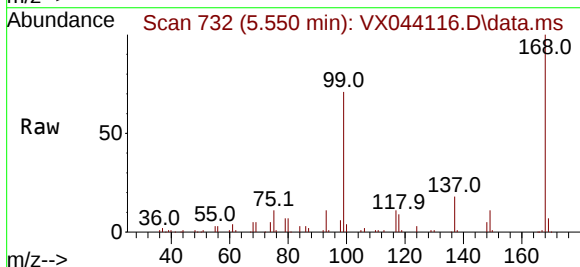
Instrument :  
MSVOA\_X  
ClientSampleId :



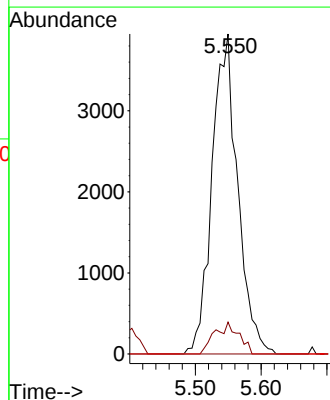
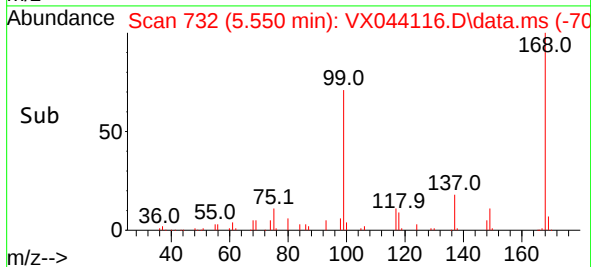
Tgt Ion:113 Resp: 68065  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.0 121.4  
192 16.2 13.0 19.6

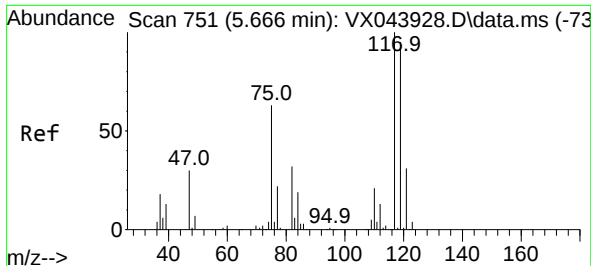


#36  
1,1-Dichloropropene  
Concen: 5.733 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56



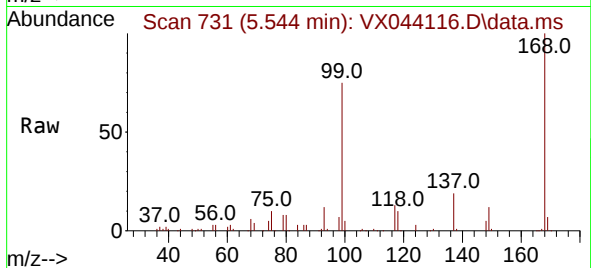
Tgt Ion: 75 Resp: 10710  
Ion Ratio Lower Upper  
75 100  
110 9.3 17.4 52.2#  
77 0.0 25.8 38.8#



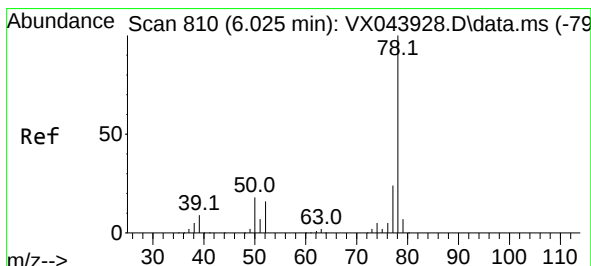
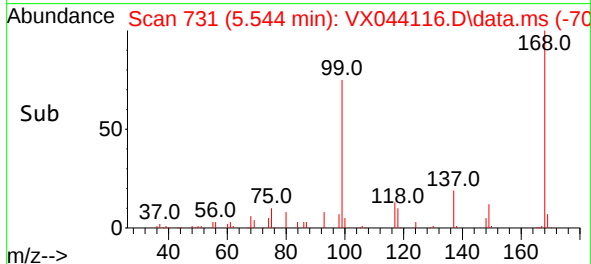
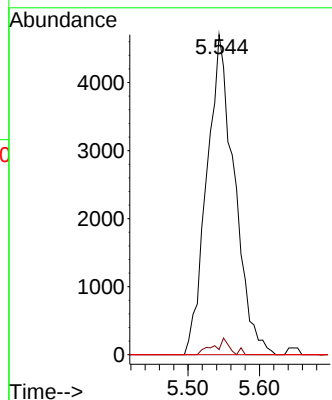


#38  
Carbon Tetrachloride  
Concen: 6.009 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.122 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Instrument :  
MSVOA\_X  
ClientSampleId :

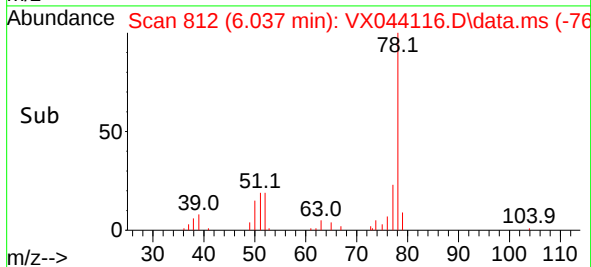
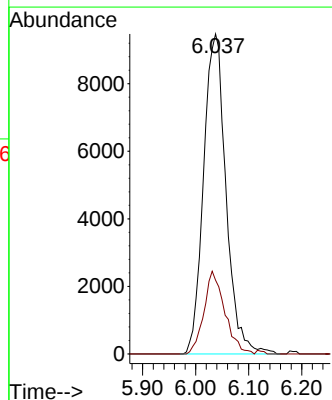
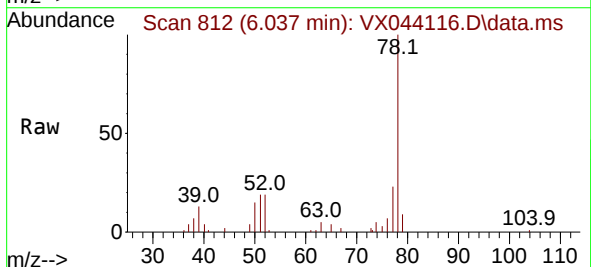


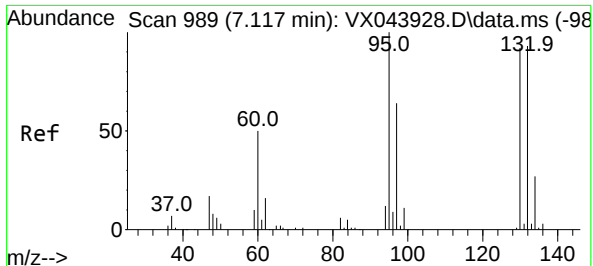
Tgt Ion:117 Resp: 12614  
Ion Ratio Lower Upper  
117 100  
119 1.6 75.2 112.8#  
121 0.0 24.5 36.7#



#40  
Benzene  
Concen: 4.791 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.012 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 78 Resp: 27877  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.2 28.8

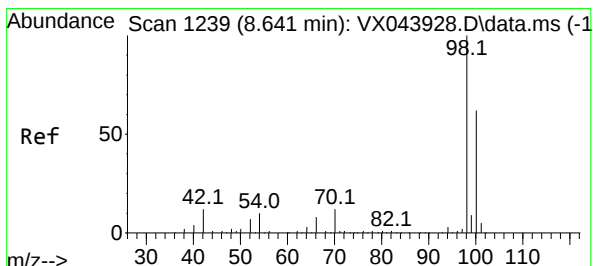
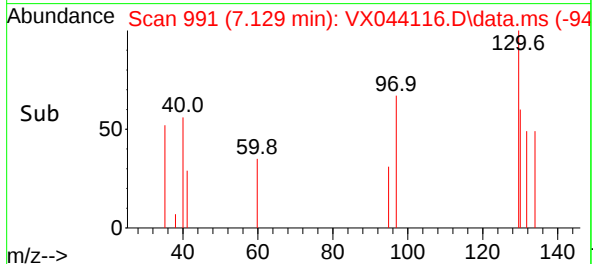
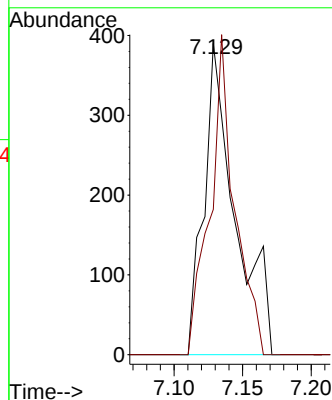
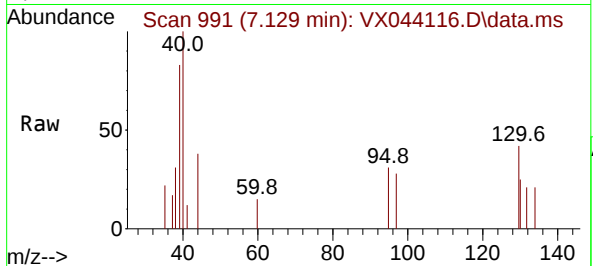




#44  
Trichloroethene  
Concen: 0.375 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

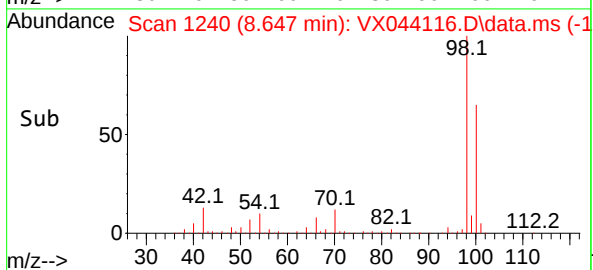
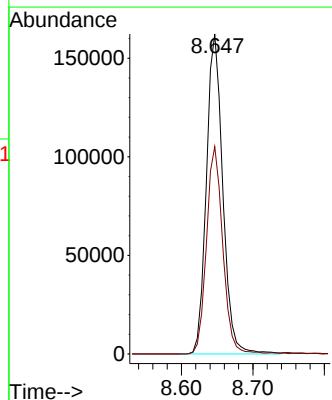
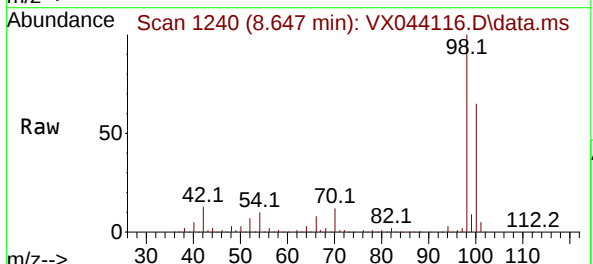
Instrument :  
MSVOA\_X  
ClientSampleId :

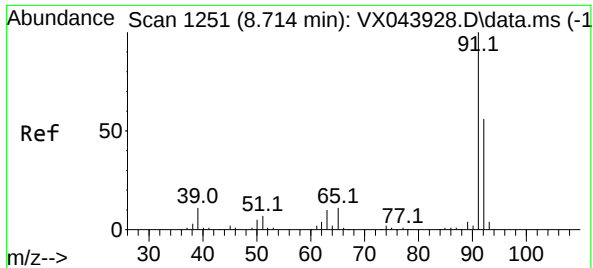
Tgt Ion:130 Resp: 617  
Ion Ratio Lower Upper  
130 100  
95 46.7 0.0 217.8



#50  
Toluene-d8  
Concen: 50.049 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 98 Resp: 258636  
Ion Ratio Lower Upper  
98 100  
100 64.2 52.6 79.0





#52

Toluene

Concen: 16.234 ug/l

RT: 8.714 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

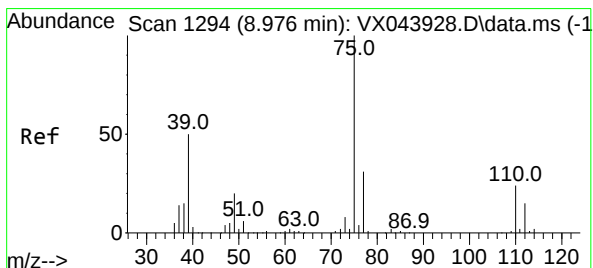
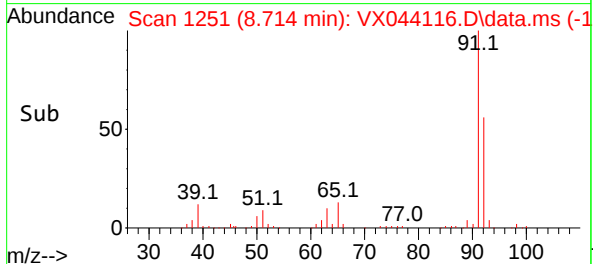
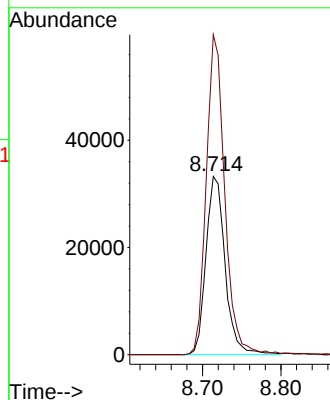
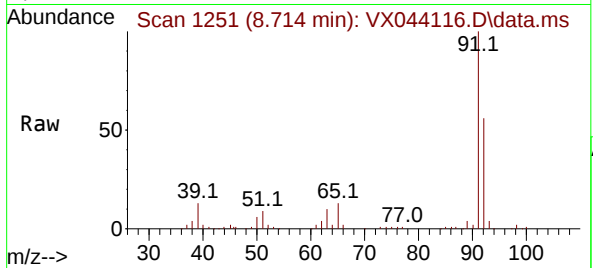
ClientSampleId :

Tgt Ion: 92 Resp: 56542

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#53

t-1,3-Dichloropropene

Concen: 0.410 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX044116.D

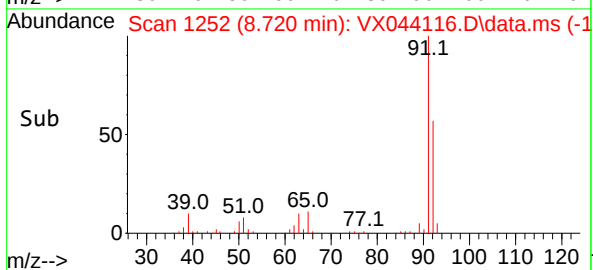
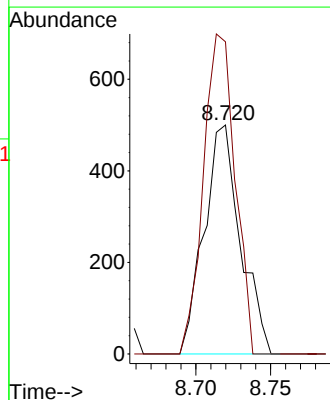
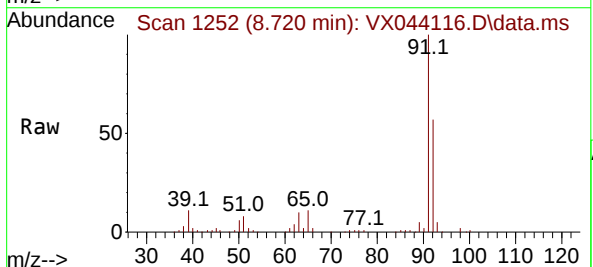
Acq: 04 Dec 2024 14:56

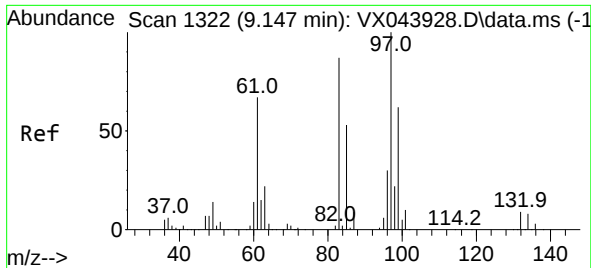
Tgt Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

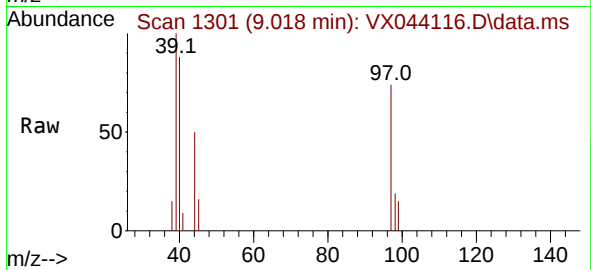
77 136.4 25.1 37.7#



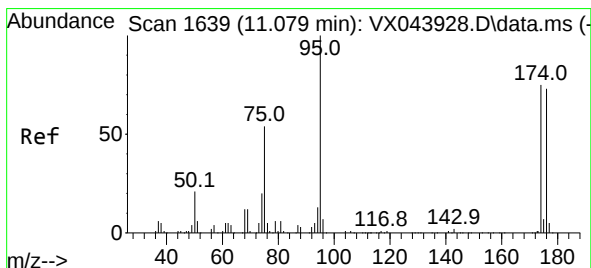
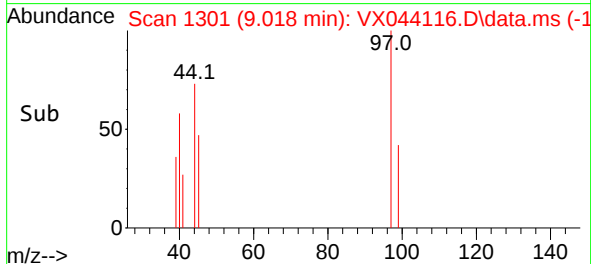
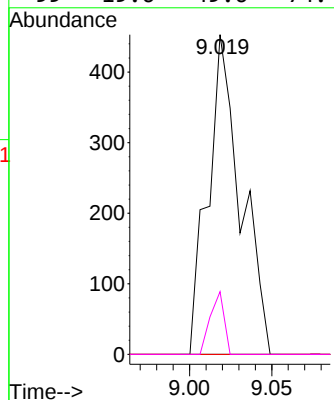


#55  
 1,1,2-Trichloroethane  
 Concen: 0.438 ug/l  
 RT: 9.018 min Scan# 11  
 Delta R.T. -0.128 min  
 Lab File: VX044116.D  
 Acq: 04 Dec 2024 14:56

Instrument :  
 MSVOA\_X  
 ClientSampleId :

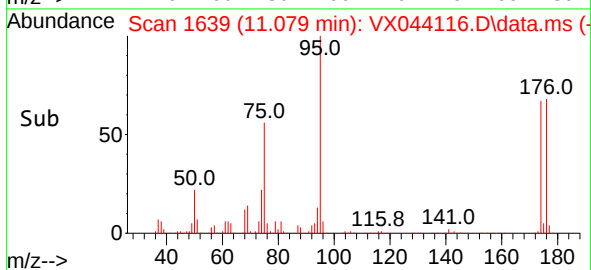
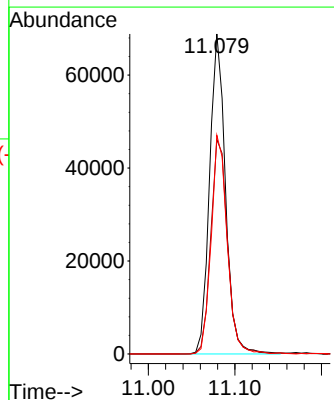
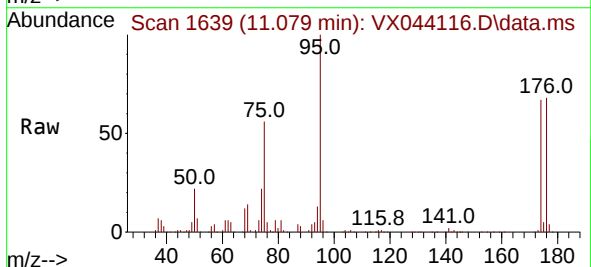


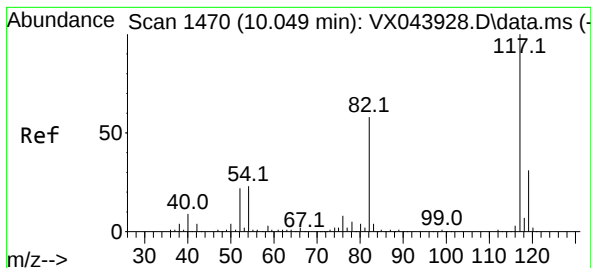
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 630   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 0.0      | 69.4 104.0# |
| 85 0.0      | 42.3 63.5#  |
| 99 19.6     | 49.6 74.4#  |



#62  
 4-Bromofluorobenzene  
 Concen: 49.880 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.000 min  
 Lab File: VX044116.D  
 Acq: 04 Dec 2024 14:56

|             |             |
|-------------|-------------|
| Tgt Ion: 95 | Resp: 87724 |
| Ion Ratio   | Lower Upper |
| 95 100      |             |
| 174 70.8    | 0.0 150.4   |
| 176 68.8    | 0.0 146.0   |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

ClientSampleId :

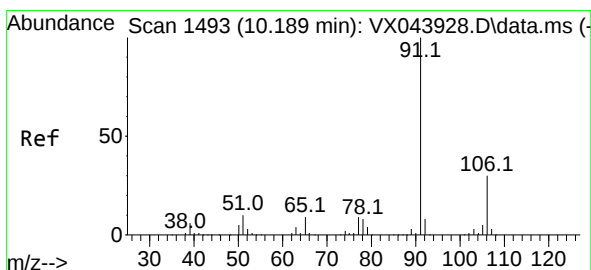
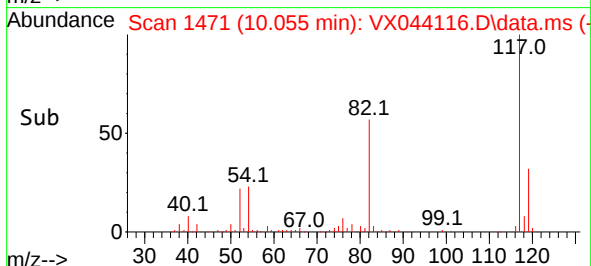
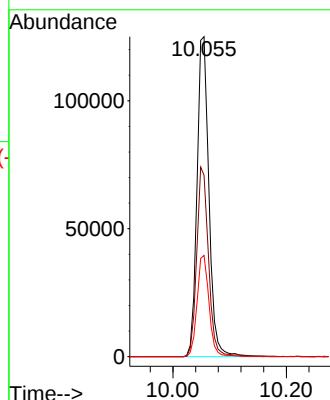
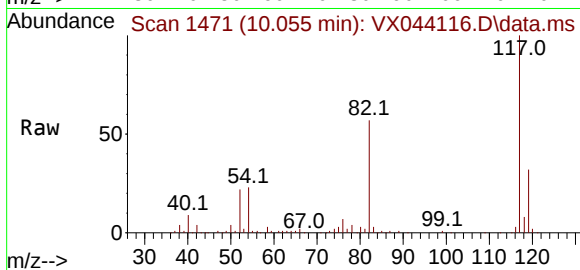
Tgt Ion:117 Resp: 182342

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 31.7 24.6 37.0



#67

Ethyl Benzene

Concen: 42.010 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044116.D

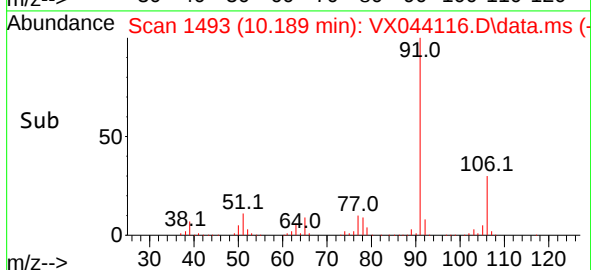
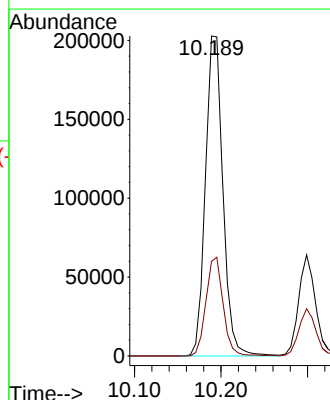
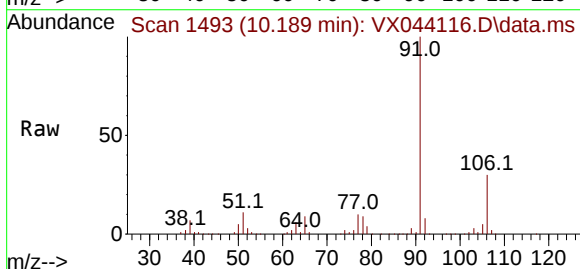
Acq: 04 Dec 2024 14:56

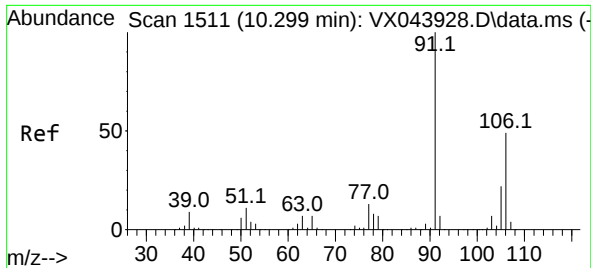
Tgt Ion: 91 Resp: 285080

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4

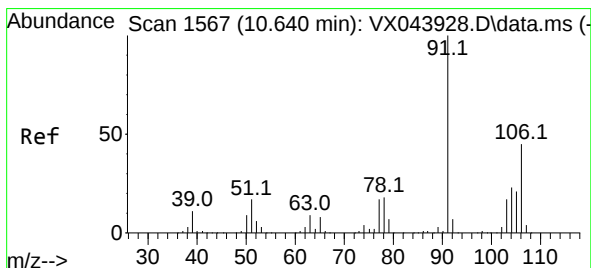
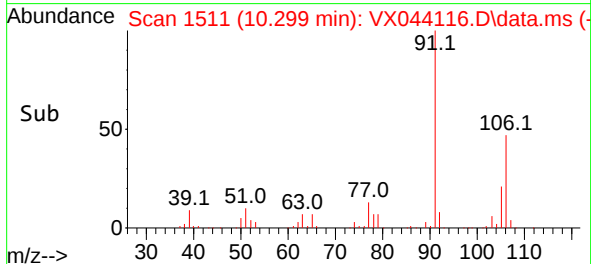
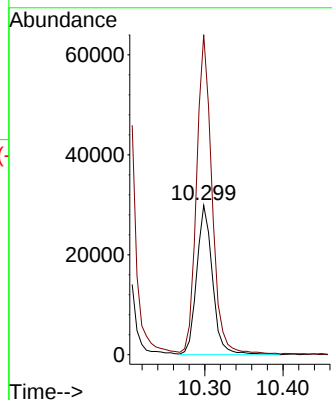
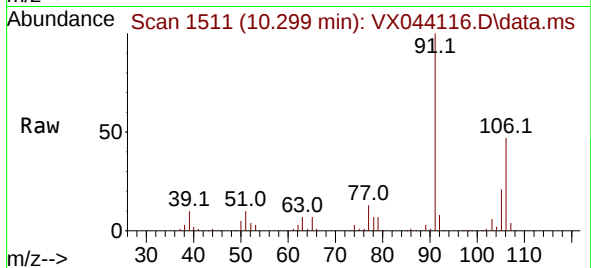




#68  
m/p-Xylenes  
Concen: 16.619 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

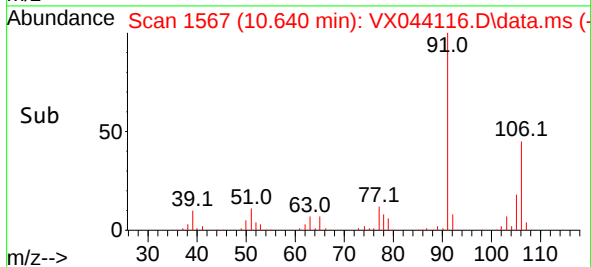
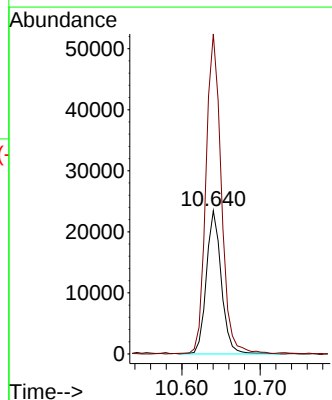
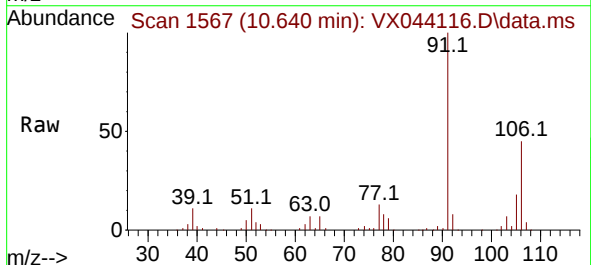
Instrument :  
MSVOA\_X  
ClientSampleId :

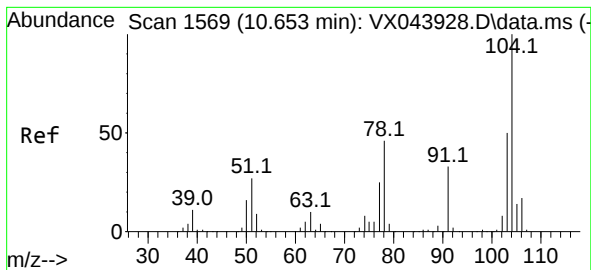
Tgt Ion:106 Resp: 42056  
Ion Ratio Lower Upper  
106 100  
91 207.9 168.1 252.1



#69  
o-Xylene  
Concen: 12.581 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion:106 Resp: 31086  
Ion Ratio Lower Upper  
106 100  
91 230.0 110.2 330.6





#70

Styrene

Concen: 0.442 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.012 min

Lab File: VX044116.D

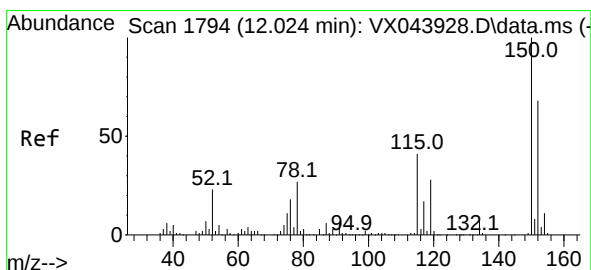
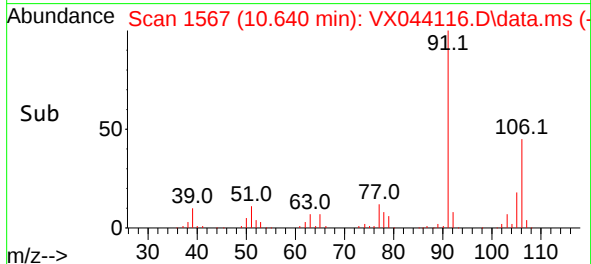
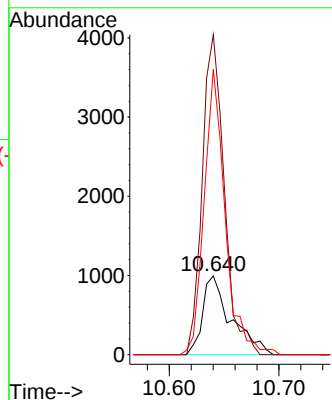
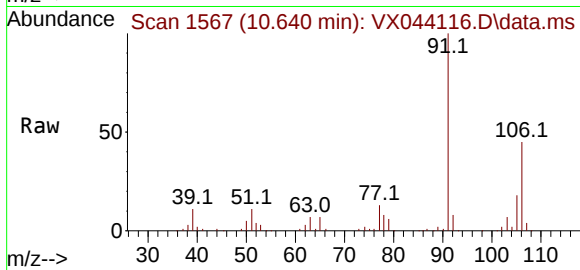
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 1806       |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 312.8 | 42.2 63.2# |
| 103         | 266.7 | 44.7 67.1# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

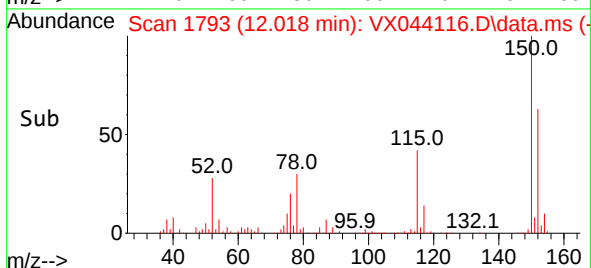
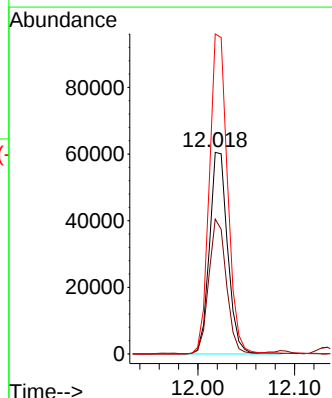
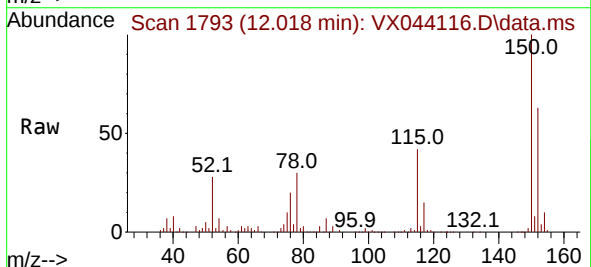
RT: 12.018 min Scan# 1793

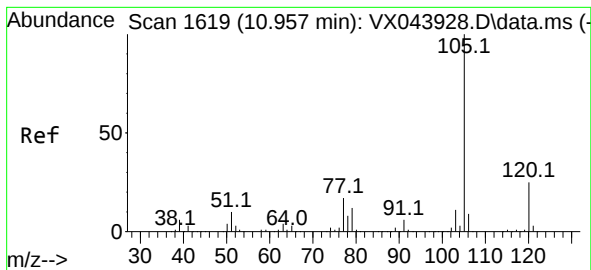
Delta R.T. -0.006 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 79045      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 64.5  | 45.4 136.2 |
| 150         | 158.9 | 0.0 353.0  |





#73

Isopropylbenzene

Concen: 2.114 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

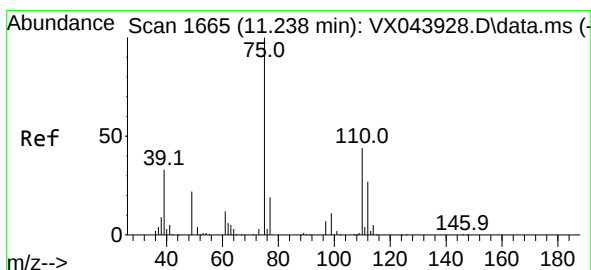
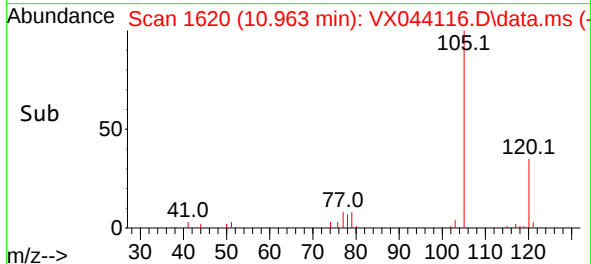
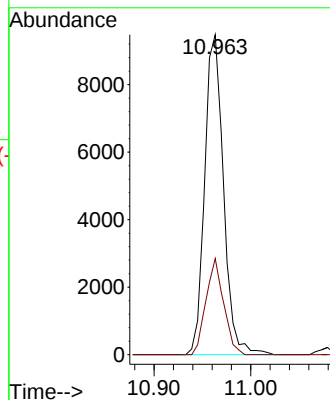
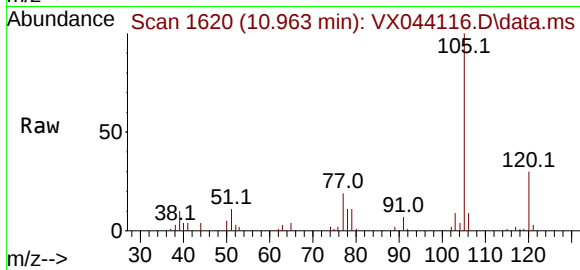
ClientSampleId :

Tgt Ion:105 Resp: 12846

Ion Ratio Lower Upper

105 100

120 28.2 13.0 38.9



#76

1,2,3-Trichloropropane

Concen: 29.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044116.D

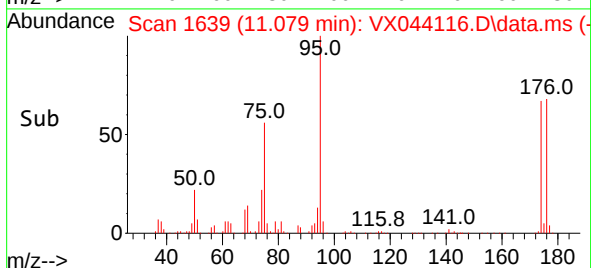
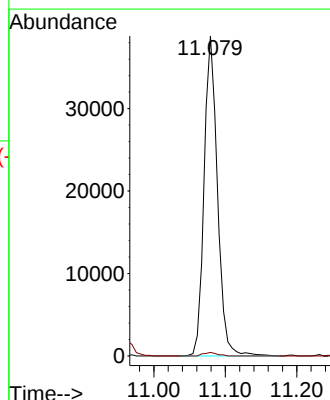
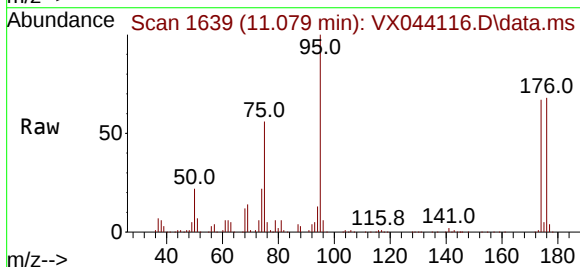
Acq: 04 Dec 2024 14:56

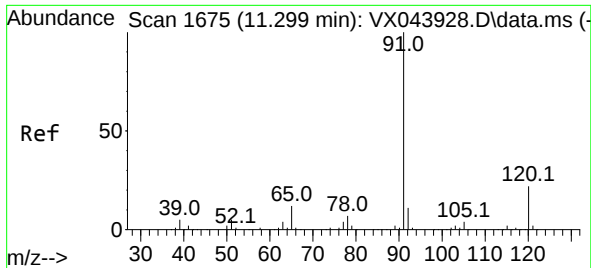
Tgt Ion: 75 Resp: 50364

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#

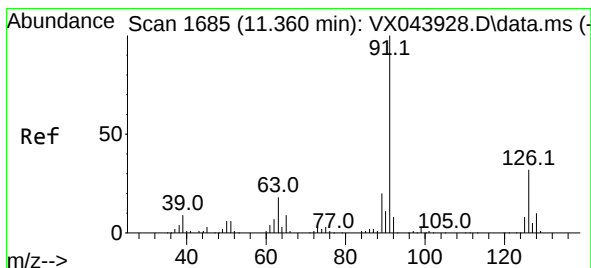
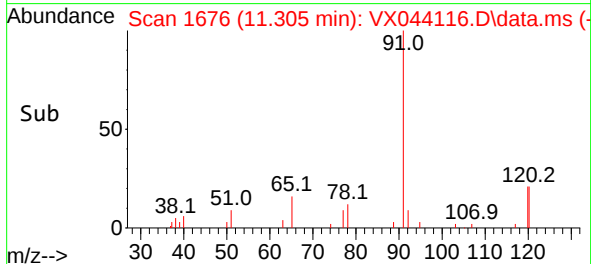
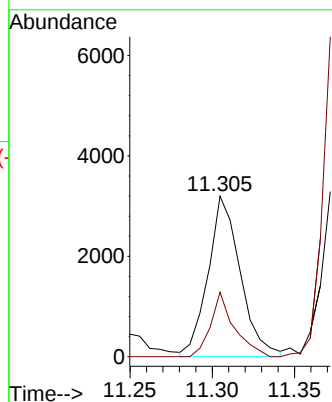
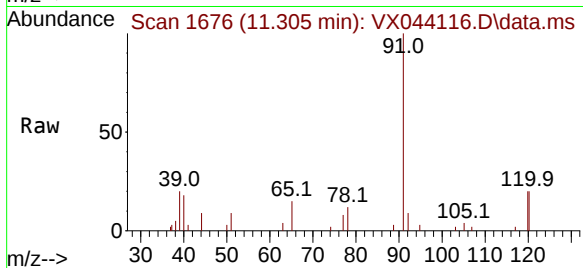




#78  
n-propylbenzene  
Concen: 0.642 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

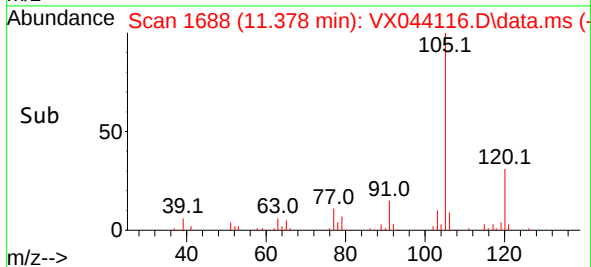
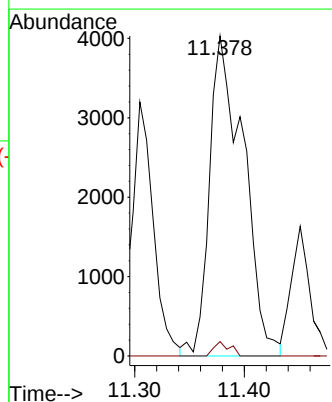
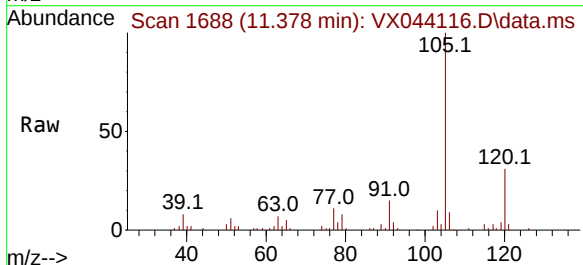
Instrument :  
MSVOA\_X  
ClientSampleId :

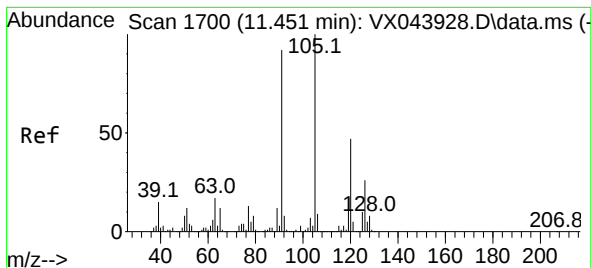
Tgt Ion: 91 Resp: 4359  
Ion Ratio Lower Upper  
91 100  
120 29.4 11.5 34.4



#79  
2-Chlorotoluene  
Concen: 2.021 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.018 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 91 Resp: 8671  
Ion Ratio Lower Upper  
91 100  
126 2.1 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.446 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

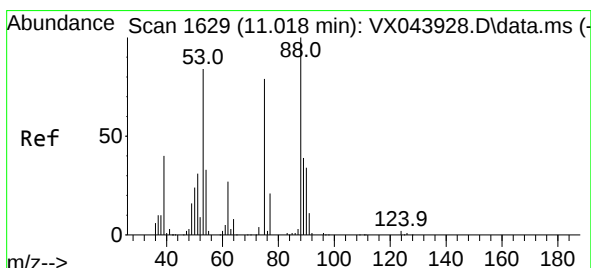
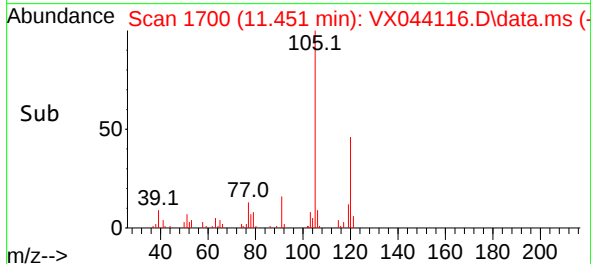
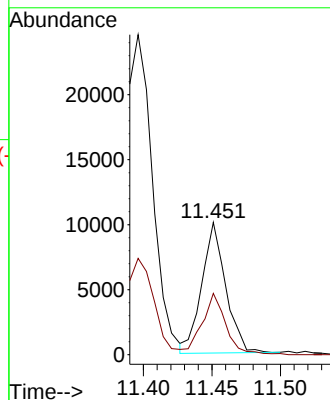
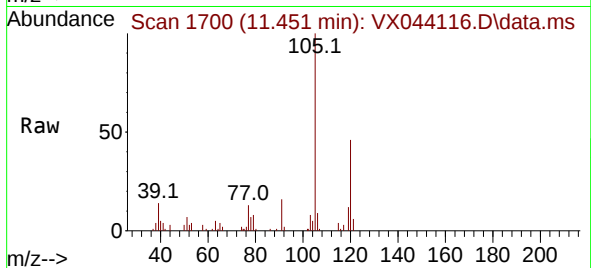
ClientSampleId :

Tgt Ion:105 Resp: 12227

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8



#81

trans-1,4-Dichloro-2-butene

Concen: 79.282 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

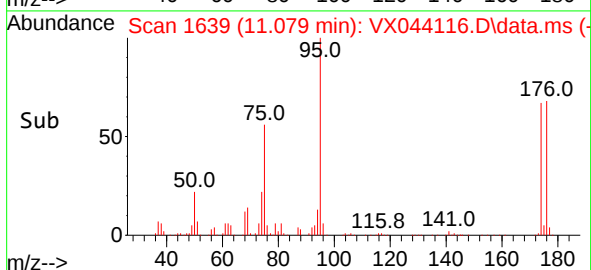
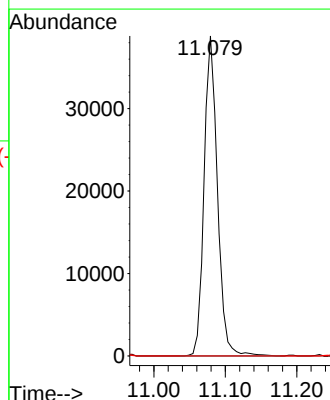
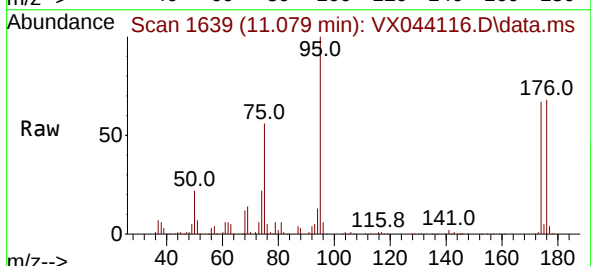
Tgt Ion: 75 Resp: 50364

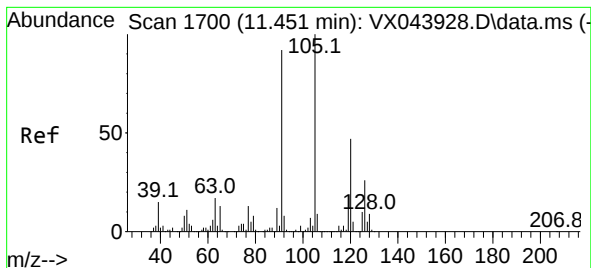
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

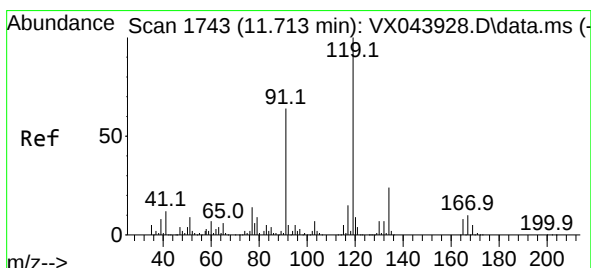
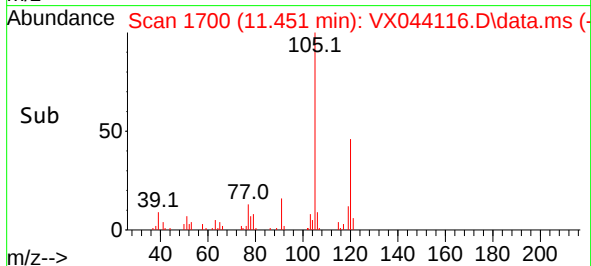
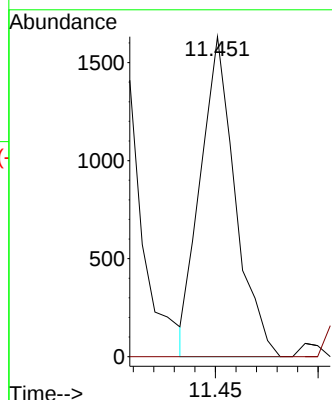
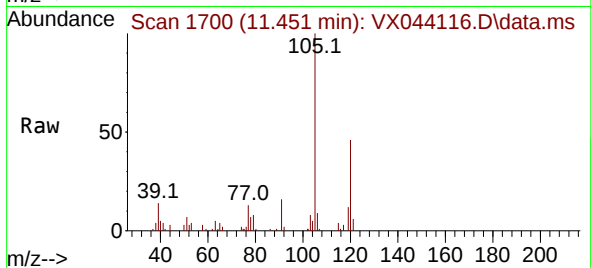




#82  
4-Chlorotoluene  
Concen: 0.397 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

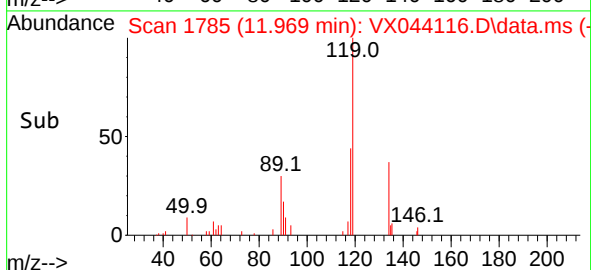
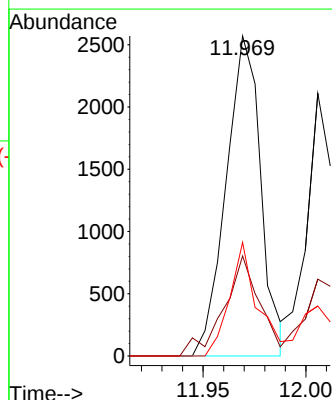
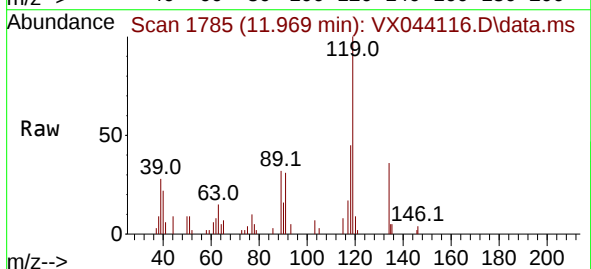
Instrument :  
MSVOA\_X  
ClientSampleId :

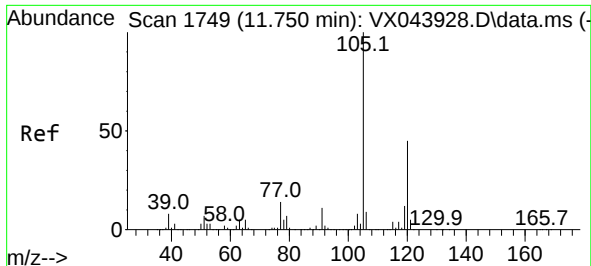
Tgt Ion: 91 Resp: 1922  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.3 42.9#



#83  
tert-Butylbenzene  
Concen: 0.610 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.256 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion: 119 Resp: 3022  
Ion Ratio Lower Upper  
119 100  
91 32.3 31.0 93.0  
134 28.6 11.6 34.8

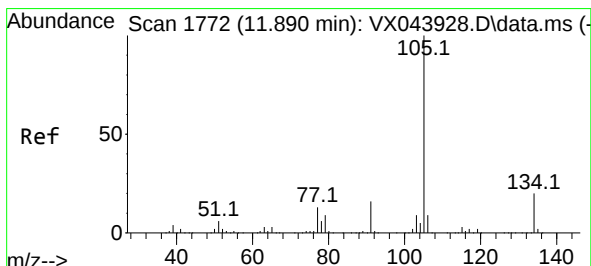
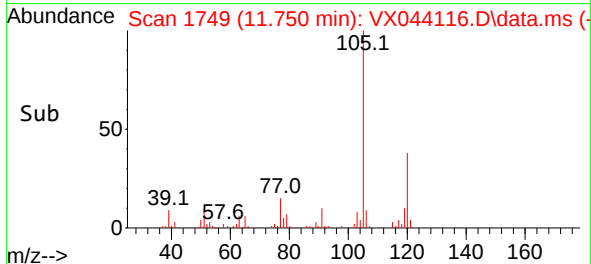
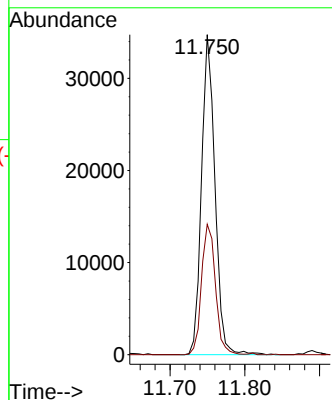
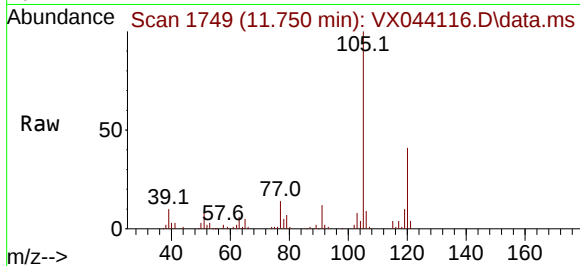




#84  
1,2,4-Trimethylbenzene  
Concen: 8.703 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

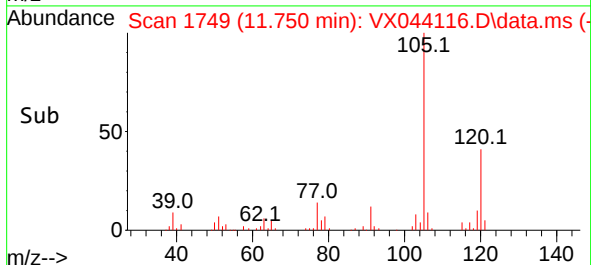
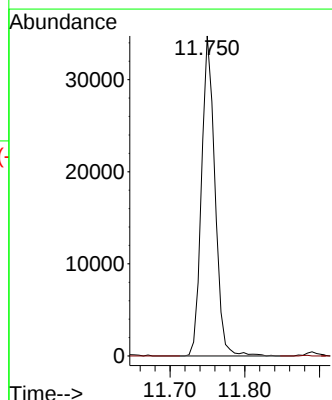
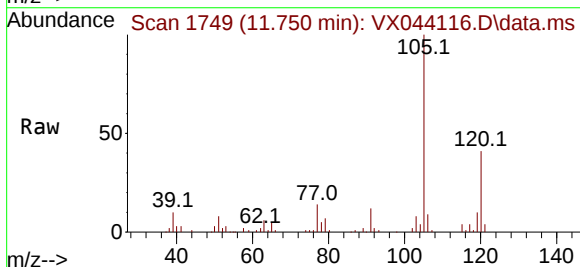
Instrument :  
MSVOA\_X  
ClientSampleId :

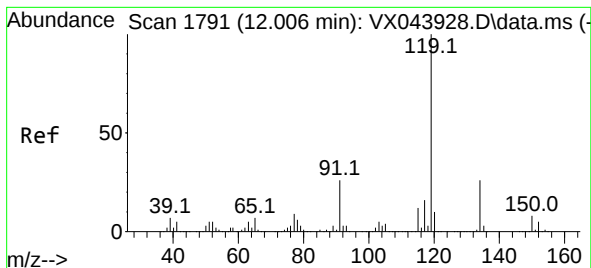
Tgt Ion:105 Resp: 43311  
Ion Ratio Lower Upper  
105 100  
120 42.2 21.9 65.7



#85  
sec-Butylbenzene  
Concen: 7.134 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.141 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion:105 Resp: 43311  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.481 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA\_X

ClientSampleId :

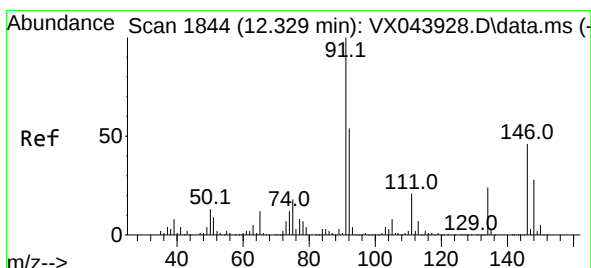
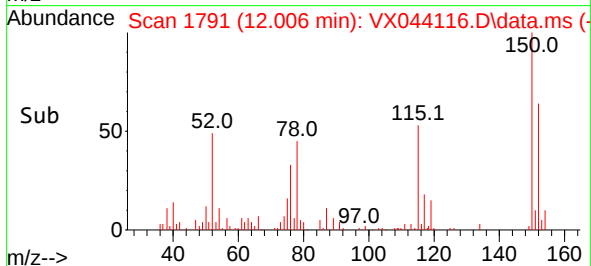
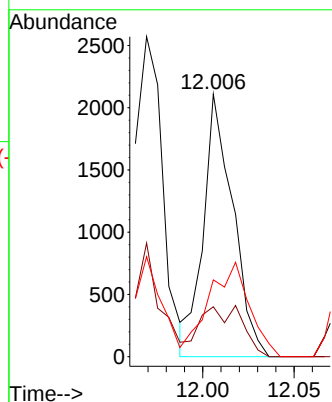
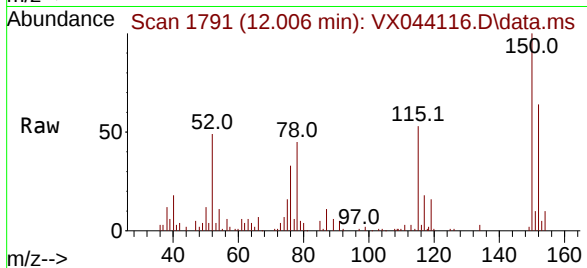
Tgt Ion:119 Resp: 2372

Ion Ratio Lower Upper

119 100

134 27.9 13.0 38.9

91 0.0 13.0 38.9#



#89

n-Butylbenzene

Concen: 0.439 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

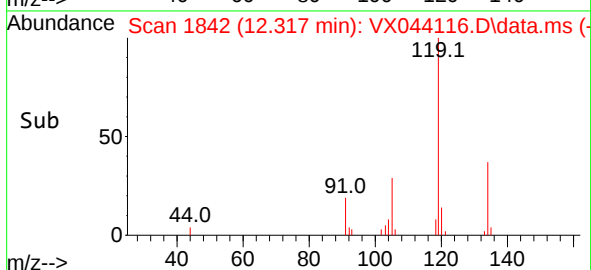
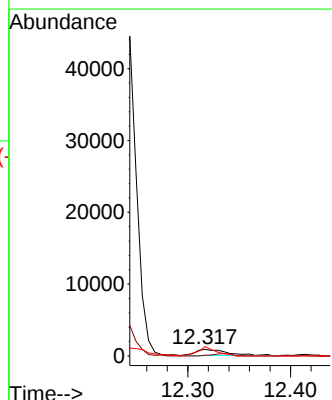
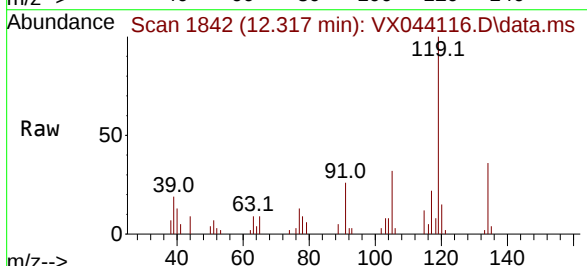
Tgt Ion: 91 Resp: 1910

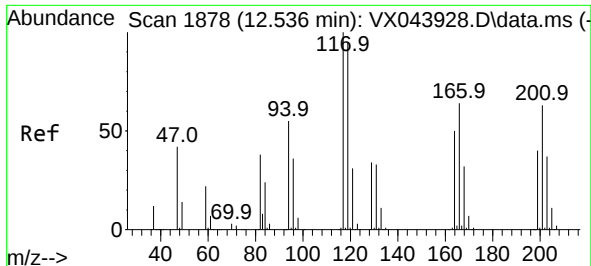
Ion Ratio Lower Upper

91 100

92 21.8 26.6 79.8#

134 84.2 12.4 37.2#

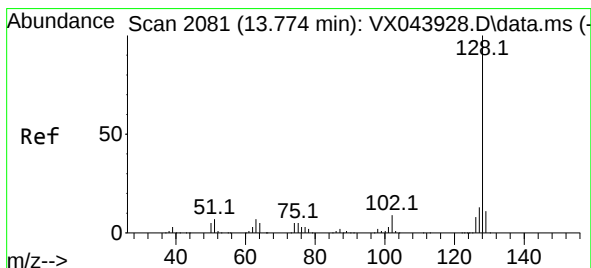
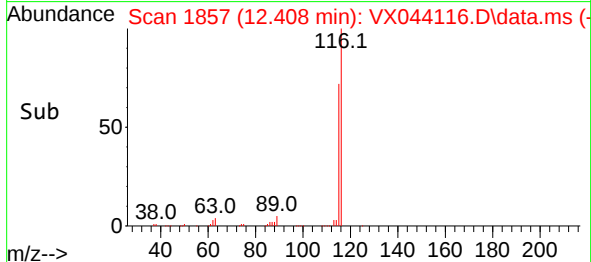
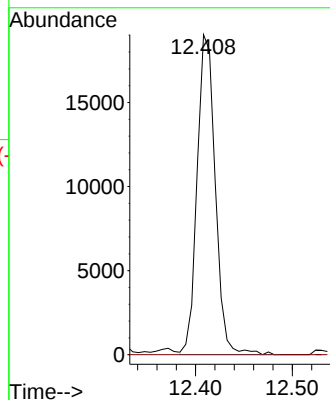
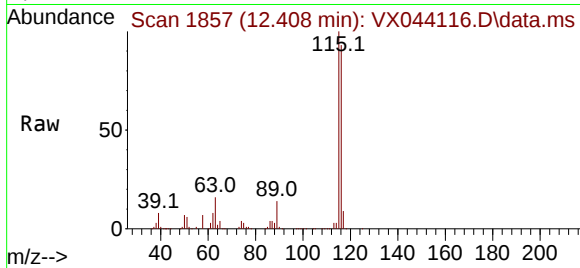




#90  
Hexachloroethane  
Concen: 29.729 ug/l  
RT: 12.408 min Scan# 117  
Delta R.T. -0.128 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 24928  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.4 97.0#



#95  
Naphthalene  
Concen: 620.989 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044116.D  
Acq: 04 Dec 2024 14:56

Tgt Ion:128 Resp: 3511065  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 11.2 8.6 12.8

