

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120224\  
 Data File : VX044066.D  
 Acq On : 02 Dec 2024 15:15  
 Operator : JC/MD  
 Sample : P5001-06DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 03 00:21:36 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   | 120449   | 50.000   | ug/l       | 0.01     |
| 34) 1,4-Difluorobenzene       | 6.757  | 114   | 231562   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 204334   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018 | 152   | 95432    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 105705   | 51.166   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 74 - 125 | Recovery | = 102.340% |          |
| 35) Dibromofluoromethane      | 5.379  | 113   | 75420    | 45.581   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 91.160%  |          |
| 50) Toluene-d8                | 8.647  | 98    | 287296   | 50.370   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 86 - 113 | Recovery | = 100.740% |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 102472   | 52.790   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 77 - 121 | Recovery | = 105.580% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 4) Vinyl Chloride             | 1.374  | 62    | 1133     | 0.663    | ug/l       | 98       |
| 5) Bromomethane               | 1.605  | 94    | 314      | 0.299    | ug/l #     | 3        |
| 11) Tert butyl alcohol        | 2.940  | 59    | 3141     | 9.472    | ug/l #     | 73       |
| 16) Acetone                   | 2.380  | 43    | 2519     | 2.655    | ug/l       | 97       |
| 18) Methyl Acetate            | 2.703  | 43    | 1074     | 0.486    | ug/l #     | 75       |
| 27) cis-1,2-Dichloroethene    | 4.483  | 96    | 27228    | 15.372   | ug/l       | 89       |
| 31) Cyclohexane               | 5.537  | 56    | 3641     | 1.581    | ug/l #     | 55       |
| 36) 1,1-Dichloropropene       | 5.544  | 75    | 11900    | 5.771    | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.537  | 117   | 14751    | 6.367    | ug/l #     | 16       |
| 40) Benzene                   | 6.037  | 78    | 64882    | 10.102   | ug/l       | 98       |
| 44) Trichloroethene           | 7.129  | 130   | 3102     | 1.706    | ug/l       | 87       |
| 51) 4-Methyl-2-Pentanone      | 8.641  | 43    | 1647     | 0.663    | ug/l #     | 1        |
| 52) Toluene                   | 8.714  | 92    | 52917    | 13.766   | ug/l       | 98       |
| 53) t-1,3-Dichloropropene     | 8.708  | 75    | 726      | 0.319    | ug/l #     | 1        |
| 55) 1,1,2-Trichloroethane     | 9.012  | 97    | 488      | 0.308    | ug/l #     | 15       |
| 67) Ethyl Benzene             | 10.189 | 91    | 308936   | 40.625   | ug/l       | 99       |
| 68) m/p-Xylenes               | 10.299 | 106   | 43816    | 15.451   | ug/l       | 97       |
| 69) o-Xylene                  | 10.640 | 106   | 34942    | 12.620   | ug/l       | 91       |
| 70) Styrene                   | 10.640 | 104   | 2243     | 0.490    | ug/l #     | 1        |
| 71) Bromoform                 | 10.805 | 173   | 20       | 1.223    | ug/l #     | 29       |
| 73) Isopropylbenzene          | 10.963 | 105   | 11928    | 1.626    | ug/l       | 98       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 58012    | 27.720   | ug/l #     | 34       |
| 78) n-propylbenzene           | 11.305 | 91    | 3611     | 0.441    | ug/l #     | 53       |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 8786     | 1.696    | ug/l #     | 44       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 11810    | 1.957    | ug/l       | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 58012    | 75.640   | ug/l #     | 6        |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 1777     | 0.304    | ug/l #     | 46       |
| 83) tert-Butylbenzene         | 11.750 | 119   | 4746     | 0.793    | ug/l #     | 42       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 39796    | 6.623    | ug/l       | 96       |
| 85) sec-Butylbenzene          | 11.750 | 105   | 39796    | 5.430    | ug/l #     | 57       |
| 86) p-Isopropyltoluene        | 12.006 | 119   | 1690     | 0.284    | ug/l #     | 64       |
| 89) n-Butylbenzene            | 12.238 | 91    | 64481    | 12.285   | ug/l #     | 44       |
| 90) Hexachloroethane          | 12.408 | 117   | 14596    | 14.418   | ug/l #     | 18       |
| 95) Naphthalene               | 13.774 | 128   | 3349221  | 490.647  | ug/l       | 99       |
| -----                         |        |       |          |          |            |          |

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Sample : P5001-06DL 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

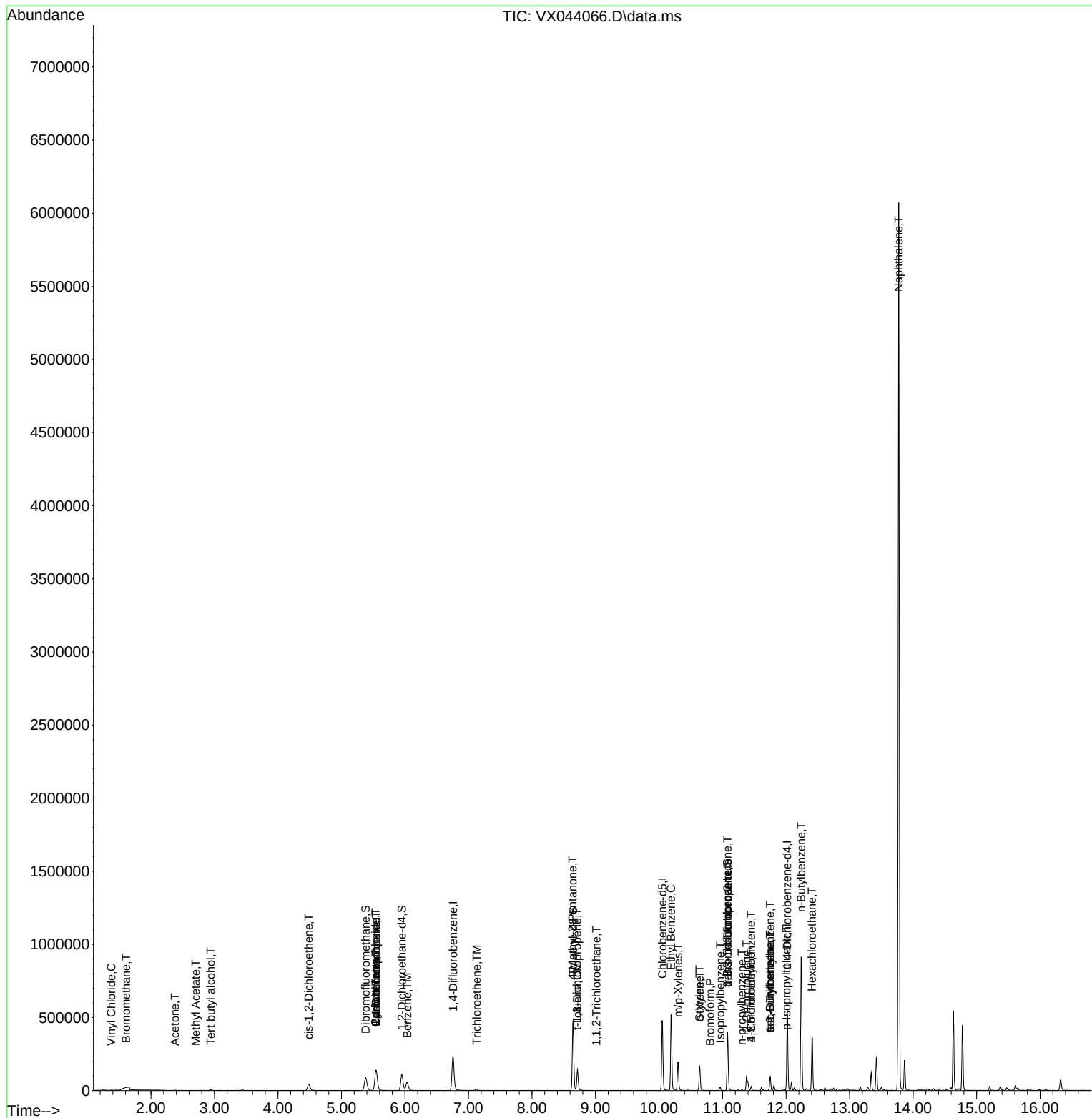
Quant Time: Dec 03 00:21:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration

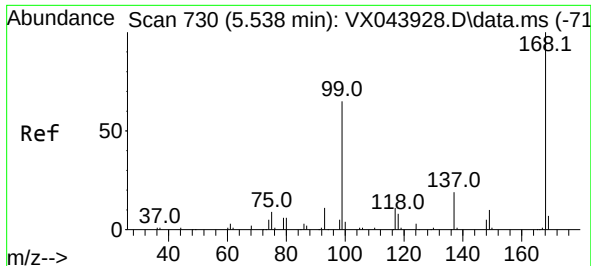
| Compound                                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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#1  
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.012 min

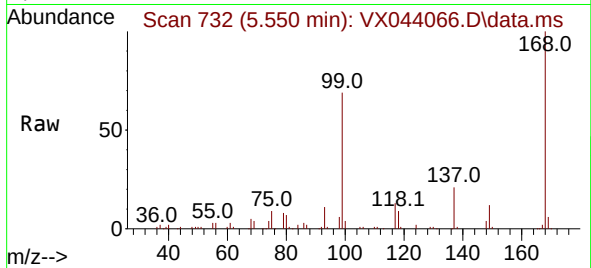
Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

ClientSampleId :

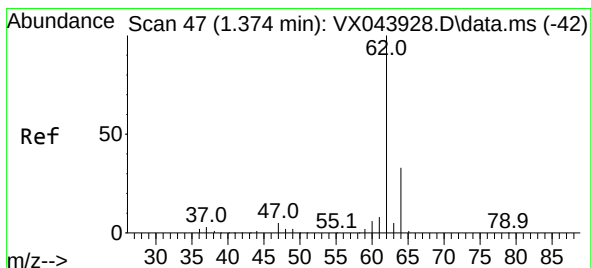
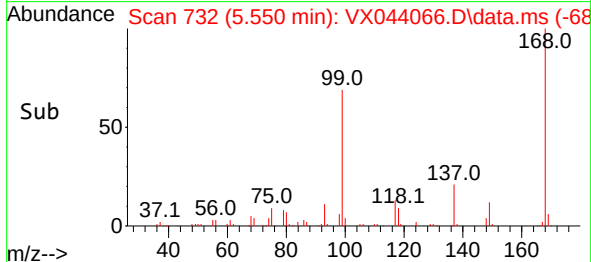
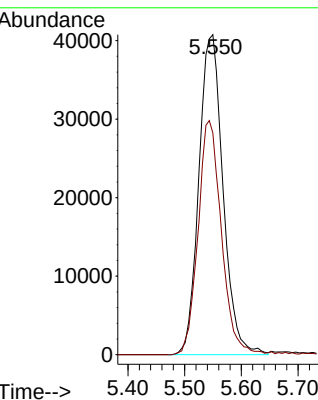


Tgt Ion:168 Resp: 120449

Ion Ratio Lower Upper

168 100

99 69.3 51.8 77.8



#4

Vinyl Chloride

Concen: 0.663 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044066.D

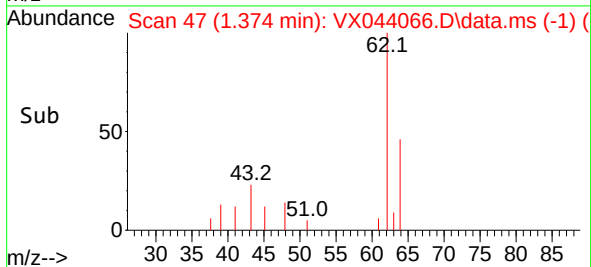
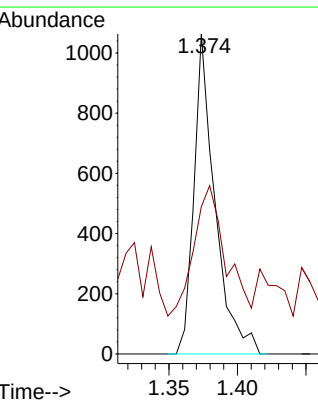
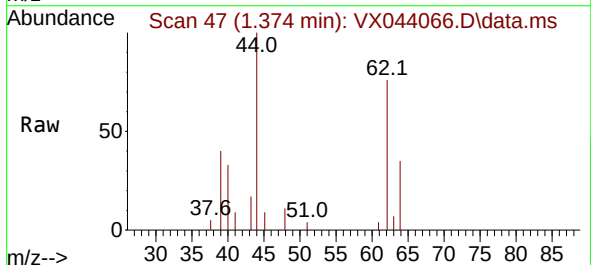
Acq: 02 Dec 2024 15:15

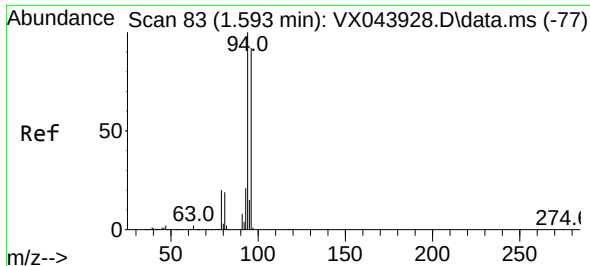
Tgt Ion: 62 Resp: 1133

Ion Ratio Lower Upper

62 100

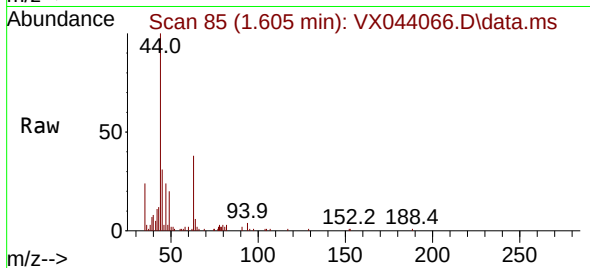
64 34.1 26.2 39.4



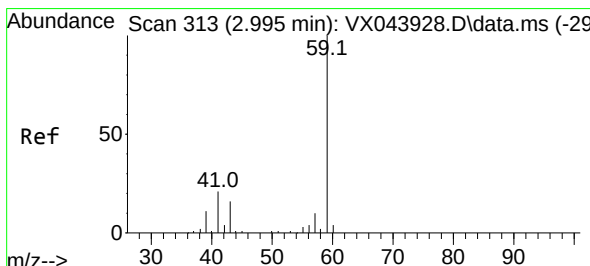
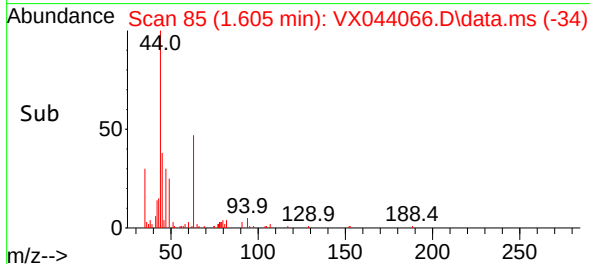
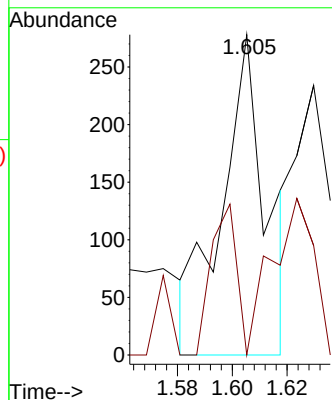


#5  
Bromomethane  
Concen: 0.299 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Instrument :  
MSVOA\_X  
ClientSampleId :

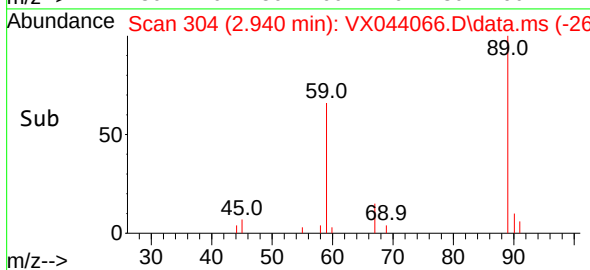
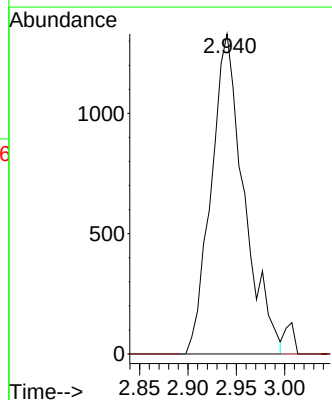
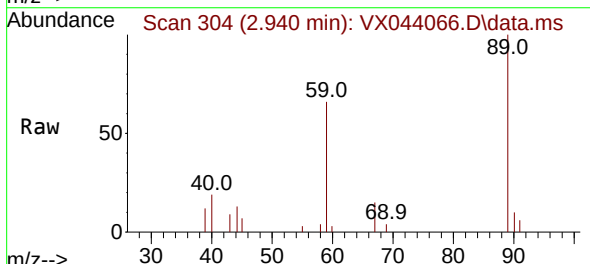


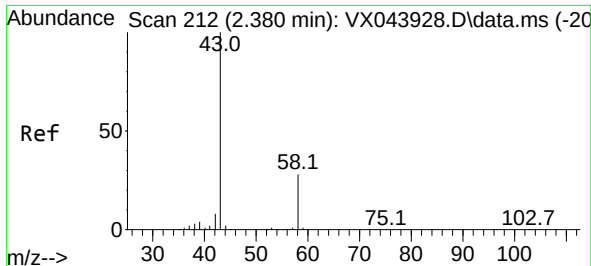
Tgt Ion: 94 Resp: 314  
Ion Ratio Lower Upper  
94 100  
96 0.0 73.9 110.9#



#11  
Tert butyl alcohol  
Concen: 9.472 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.055 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 59 Resp: 3141  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.9 11.9#





#16

Acetone

Concen: 2.655 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

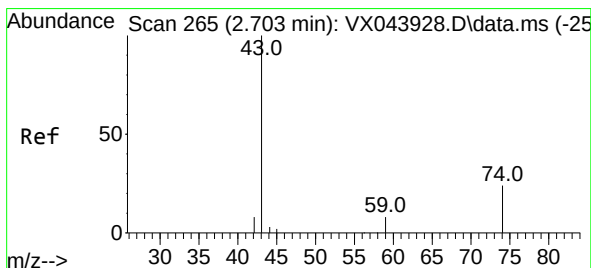
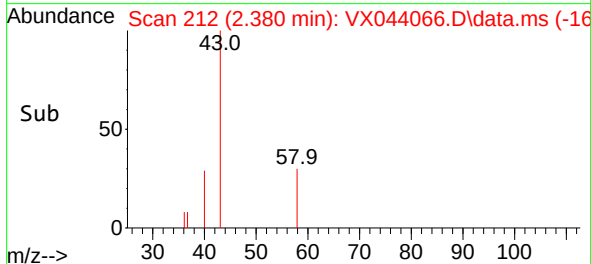
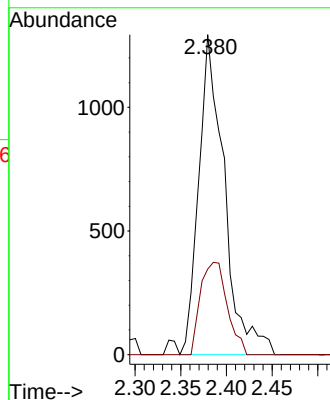
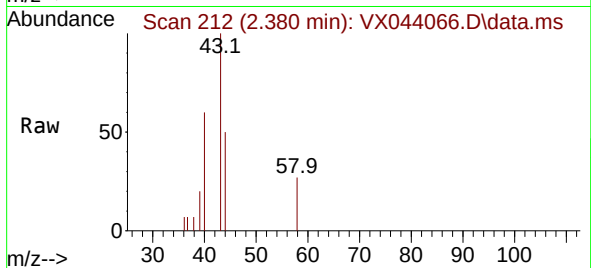
ClientSampleId :

Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

58 26.7 22.7 34.1



#18

Methyl Acetate

Concen: 0.486 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX044066.D

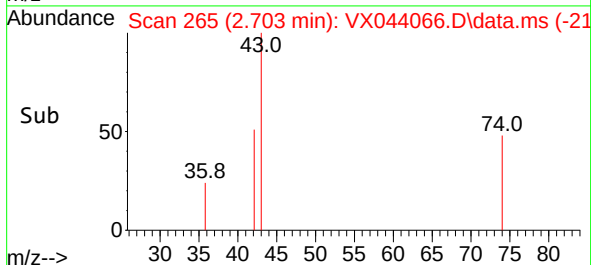
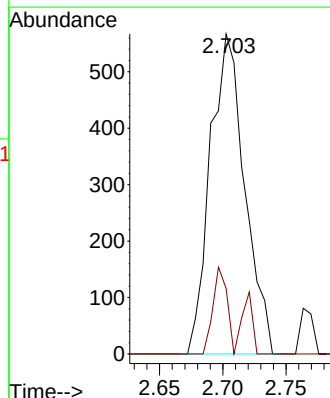
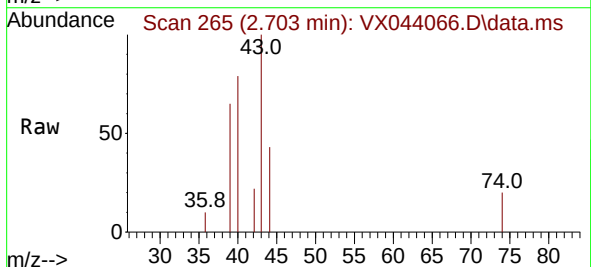
Acq: 02 Dec 2024 15:15

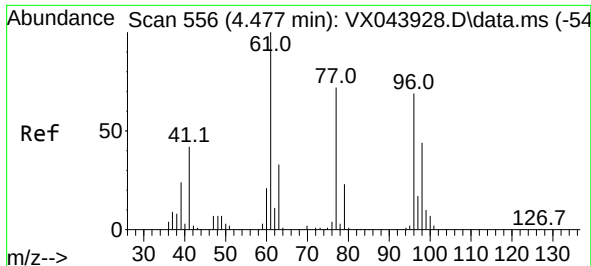
Tgt Ion: 43 Resp: 1074

Ion Ratio Lower Upper

43 100

74 11.2 18.9 28.3#





#27

cis-1,2-Dichloroethene

Concen: 15.372 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

ClientSampleId :

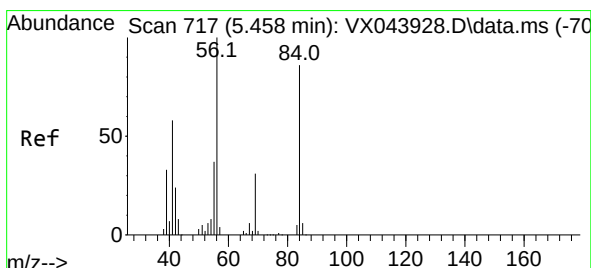
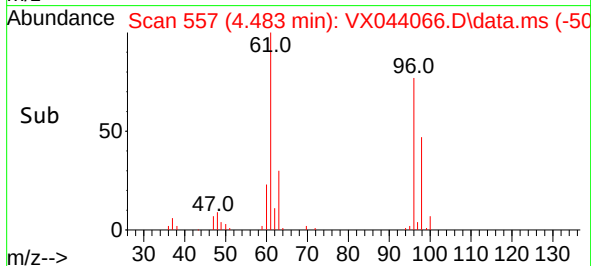
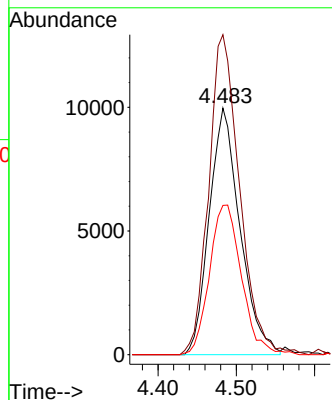
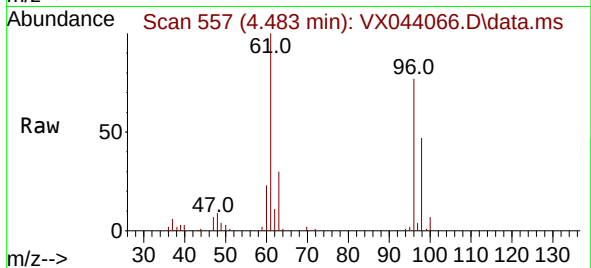
Tgt Ion: 96 Resp: 27228

Ion Ratio Lower Upper

96 100

61 130.3 0.0 297.4

98 63.1 0.0 127.8



#31

Cyclohexane

Concen: 1.581 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

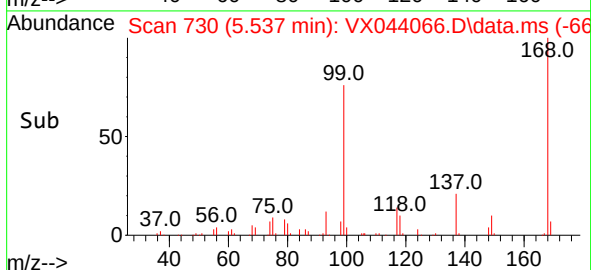
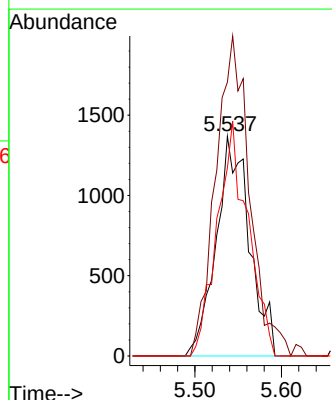
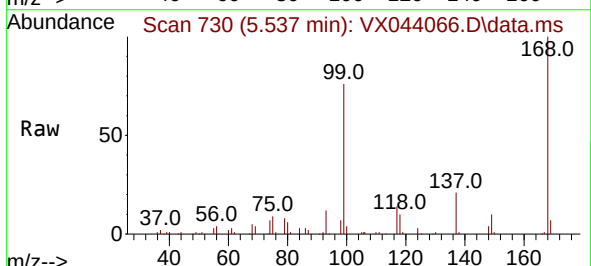
Tgt Ion: 56 Resp: 3641

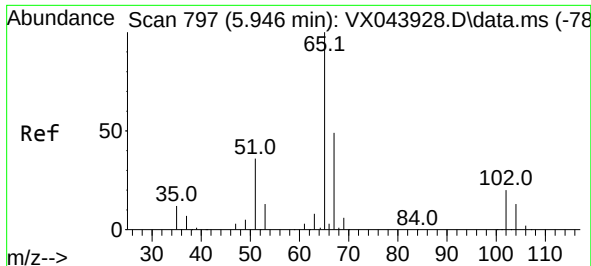
Ion Ratio Lower Upper

56 100

69 124.6 24.7 37.1#

84 85.5 68.7 103.1

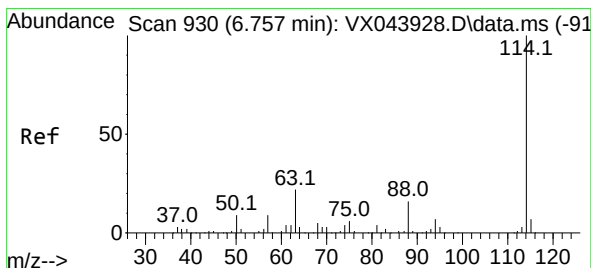
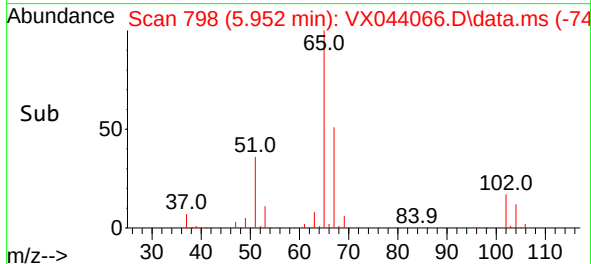
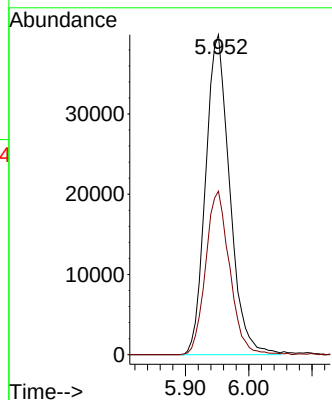
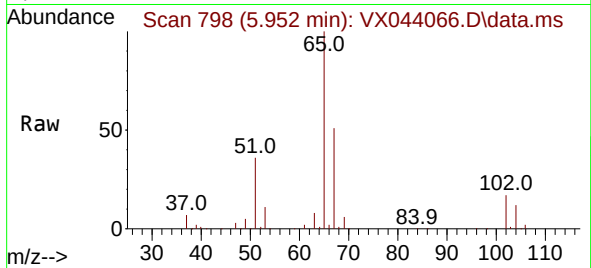




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.166 ug/l  
 RT: 5.952 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: VX044066.D  
 Acq: 02 Dec 2024 15:15

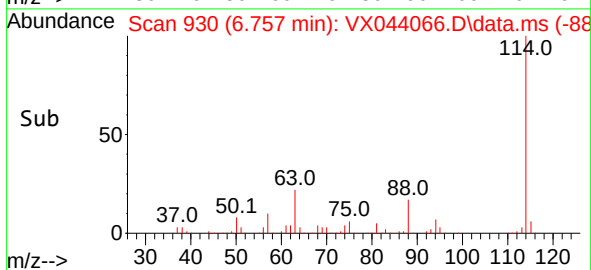
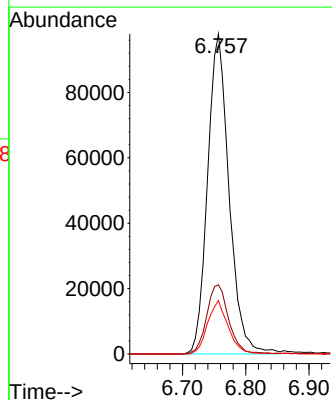
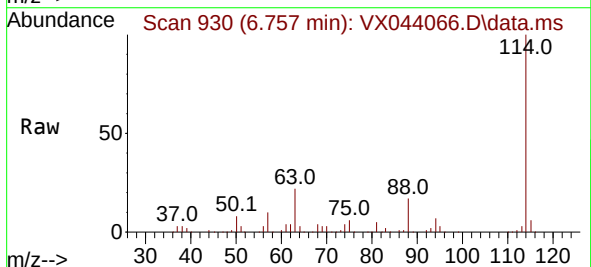
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 65 Resp: 105705  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 100.8

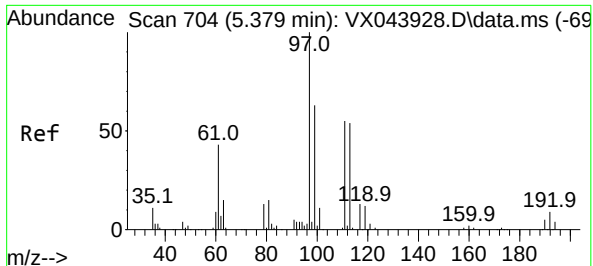


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX044066.D  
 Acq: 02 Dec 2024 15:15

Tgt Ion: 114 Resp: 231562  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 44.0  
 88 16.7 0.0 32.4

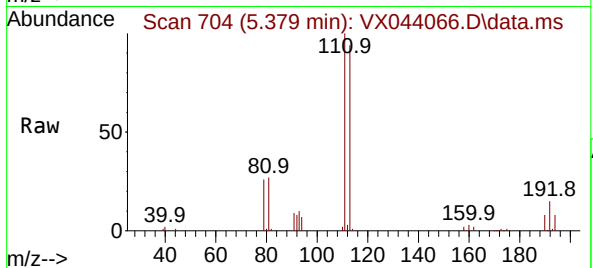




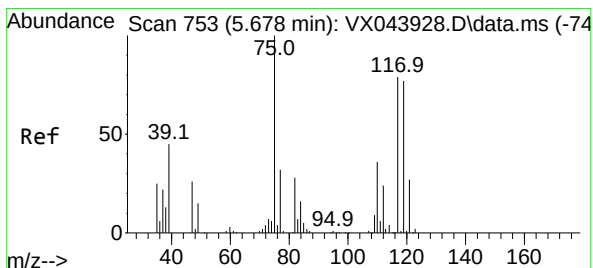
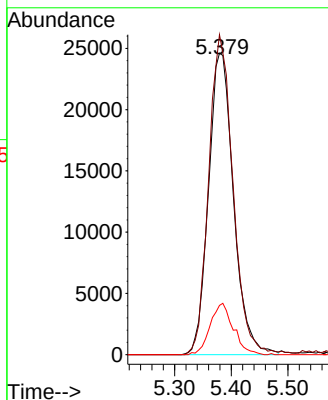
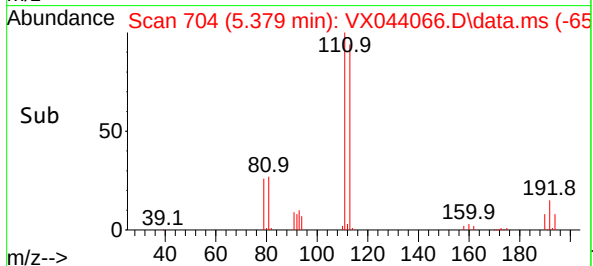


#35  
Dibromofluoromethane  
Concen: 45.581 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

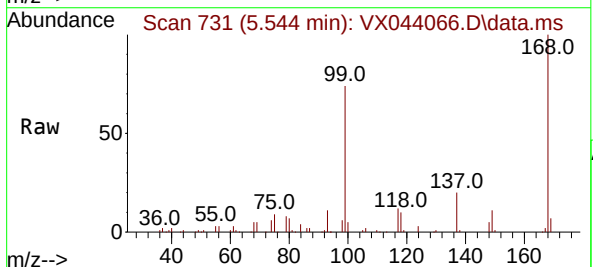
Instrument :  
MSVOA\_X  
ClientSampleId :



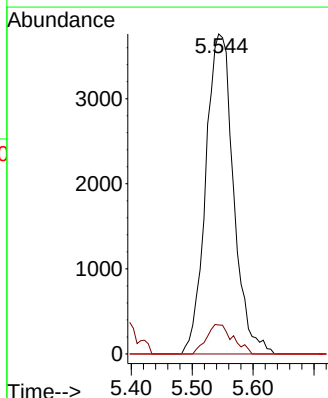
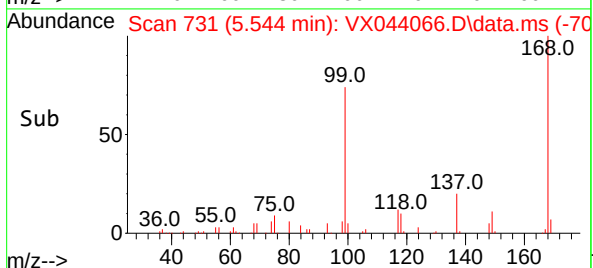
Tgt Ion:113 Resp: 75420  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.0 121.4  
192 15.8 13.0 19.6

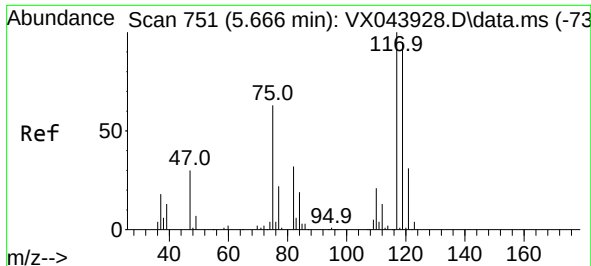


#36  
1,1-Dichloropropene  
Concen: 5.771 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.134 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15



Tgt Ion: 75 Resp: 11900  
Ion Ratio Lower Upper  
75 100  
110 8.7 17.4 52.2#  
77 0.0 25.8 38.8#





#38

Carbon Tetrachloride

Concen: 6.367 ug/l

RT: 5.537 min Scan# 71

Delta R.T. -0.128 min

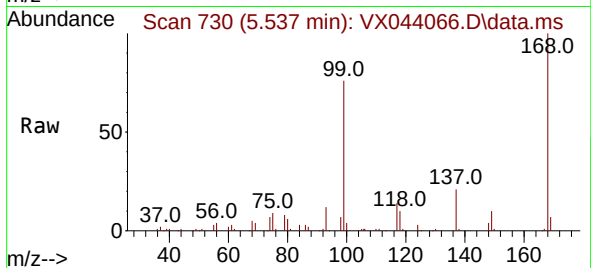
Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

ClientSampleId :



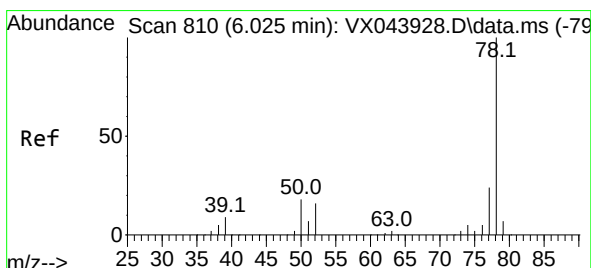
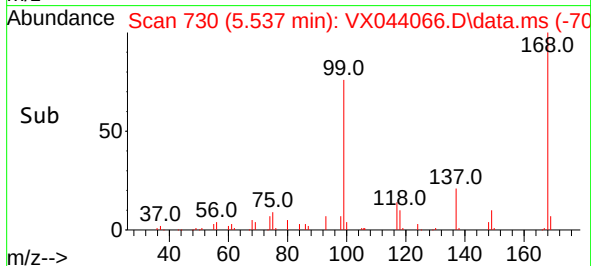
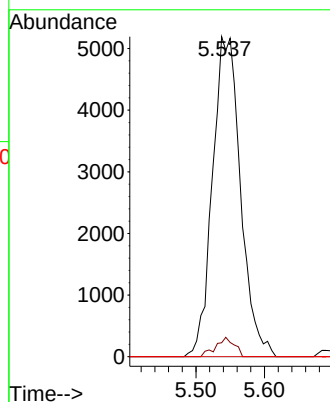
Tgt Ion:117 Resp: 14751

Ion Ratio Lower Upper

117 100

119 4.3 75.2 112.8#

121 0.0 24.5 36.7#



#40

Benzene

Concen: 10.102 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.012 min

Lab File: VX044066.D

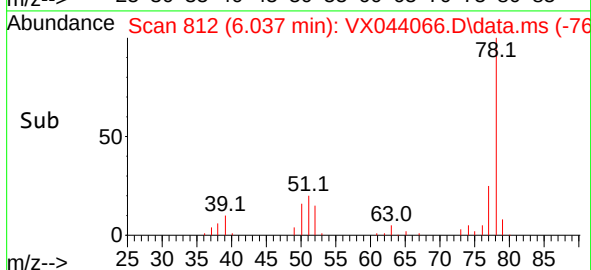
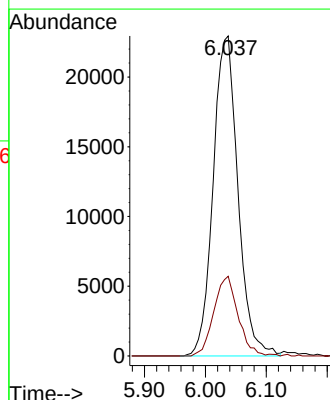
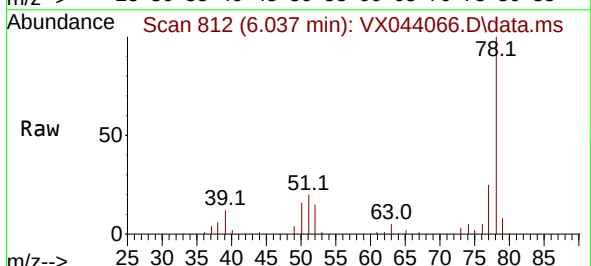
Acq: 02 Dec 2024 15:15

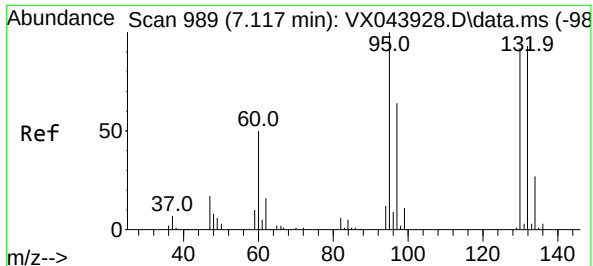
Tgt Ion: 78 Resp: 64882

Ion Ratio Lower Upper

78 100

77 24.9 19.2 28.8

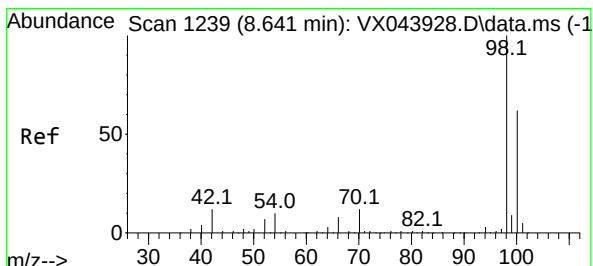
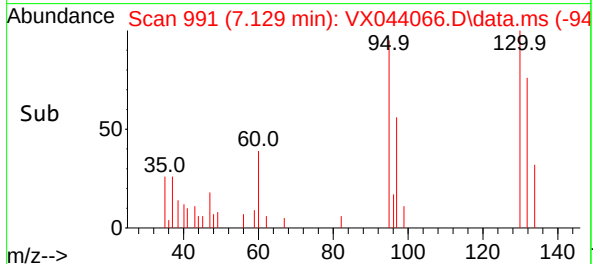
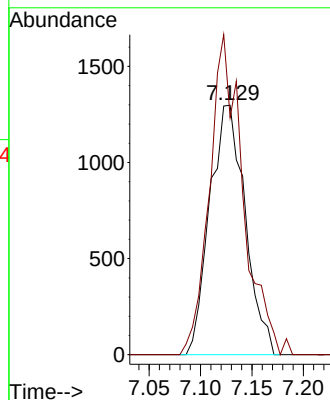
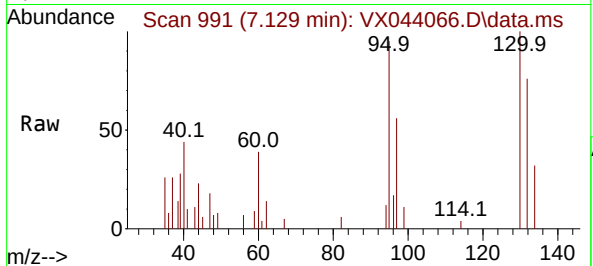




#44  
Trichloroethene  
Concen: 1.706 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

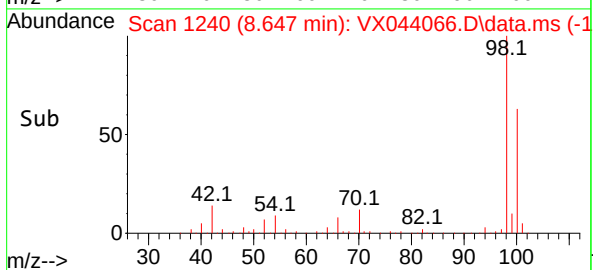
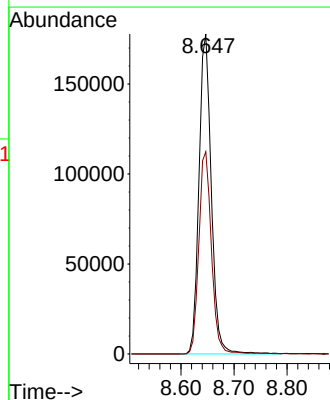
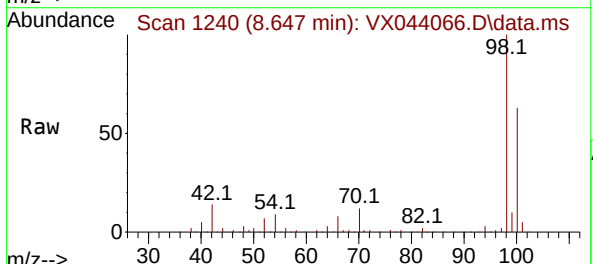
Instrument :  
MSVOA\_X  
ClientSampleId :

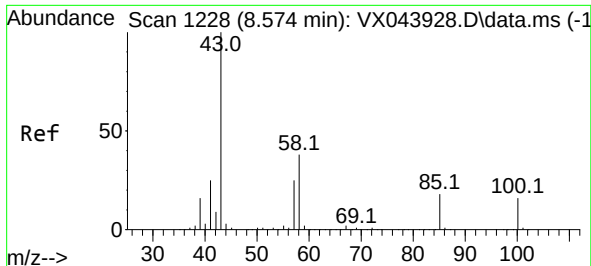
Tgt Ion:130 Resp: 3102  
Ion Ratio Lower Upper  
130 100  
95 95.1 0.0 217.8



#50  
Toluene-d8  
Concen: 50.370 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.006 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 98 Resp: 287296  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 0.663 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

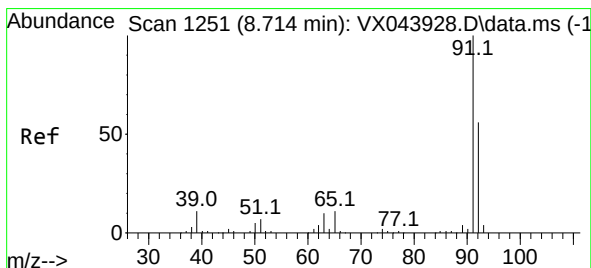
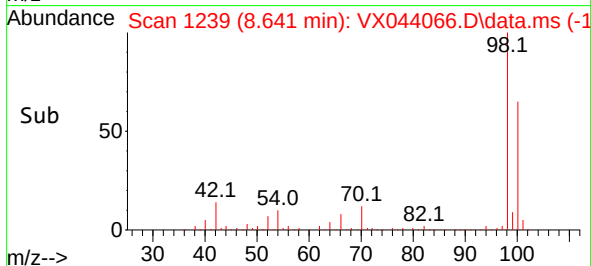
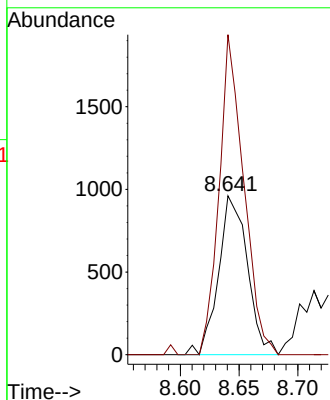
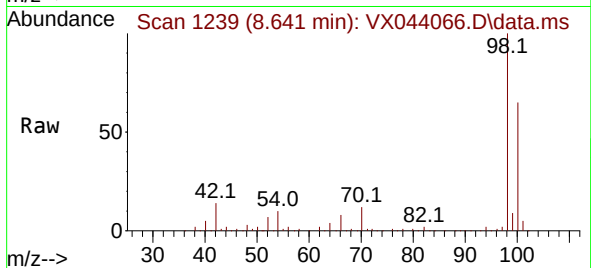
ClientSampleId :

Tgt Ion: 43 Resp: 1647

Ion Ratio Lower Upper

43 100

58 171.7 30.0 45.0#



#52

Toluene

Concen: 13.766 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044066.D

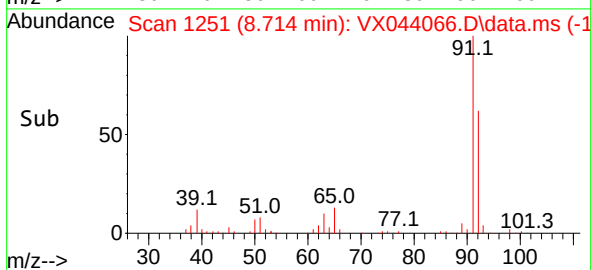
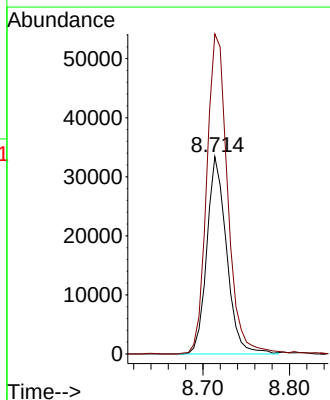
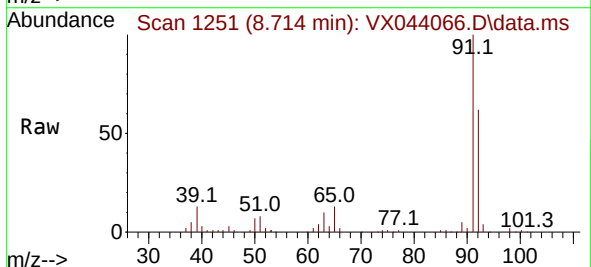
Acq: 02 Dec 2024 15:15

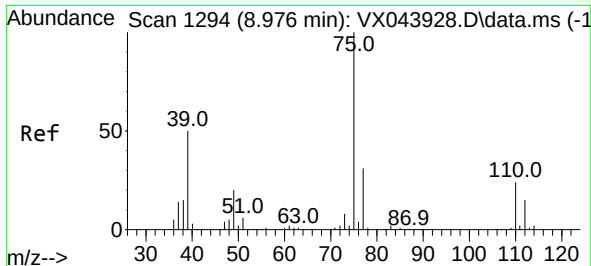
Tgt Ion: 92 Resp: 52917

Ion Ratio Lower Upper

92 100

91 171.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 0.319 ug/l

RT: 8.708 min Scan# 11

Delta R.T. -0.268 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

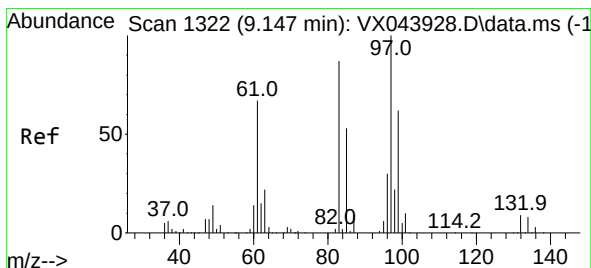
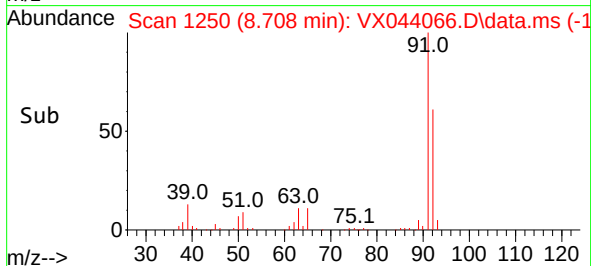
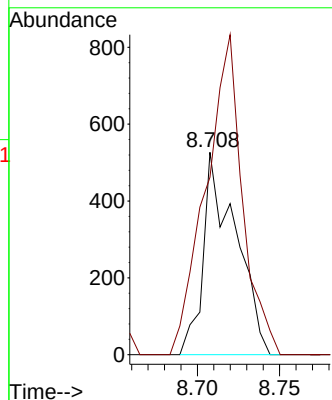
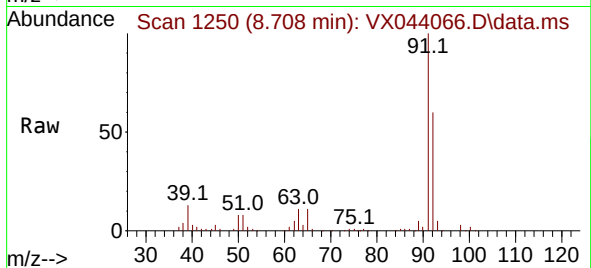
ClientSampleId :

Tgt Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

77 87.7 25.1 37.7#



#55

1,1,2-Trichloroethane

Concen: 0.308 ug/l

RT: 9.012 min Scan# 1300

Delta R.T. -0.134 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Tgt Ion: 97 Resp: 488

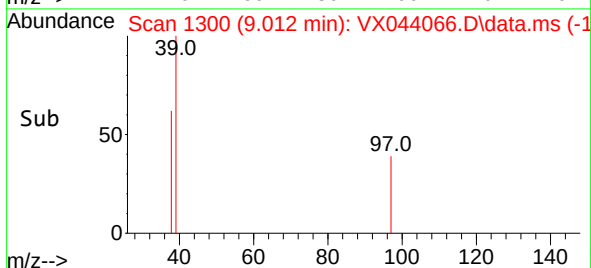
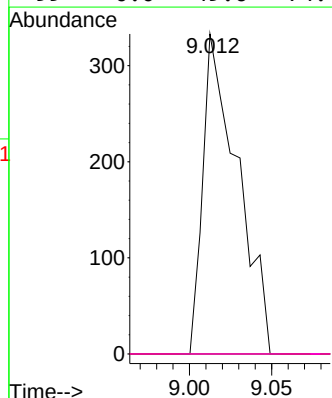
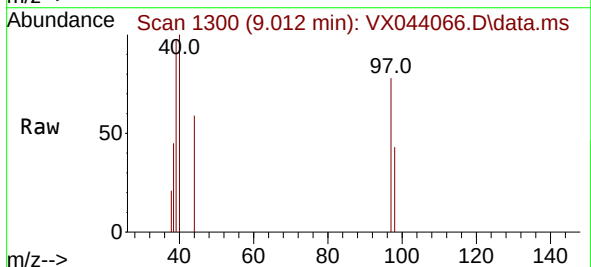
Ion Ratio Lower Upper

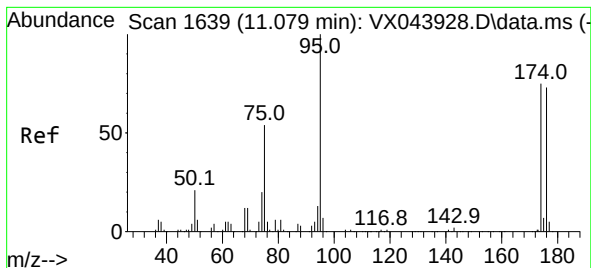
97 100

83 0.0 69.4 104.0#

85 0.0 42.3 63.5#

99 0.0 49.6 74.4#

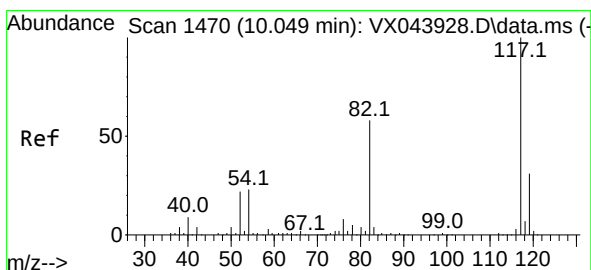
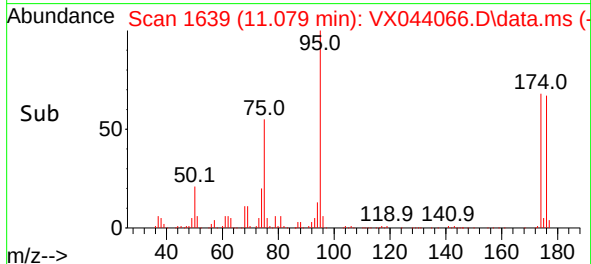
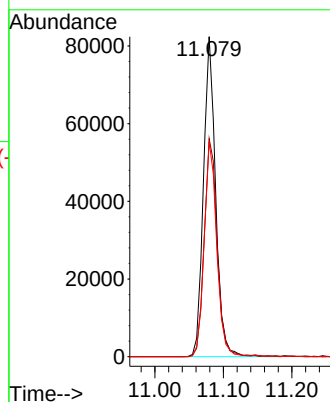
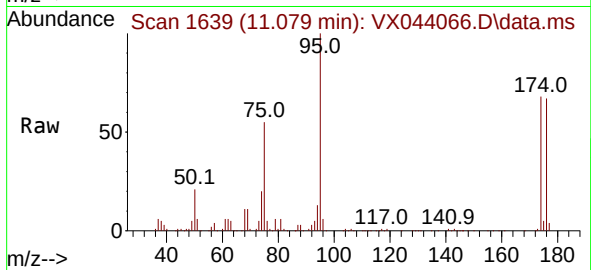




#62  
4-Bromofluorobenzene  
Concen: 52.790 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

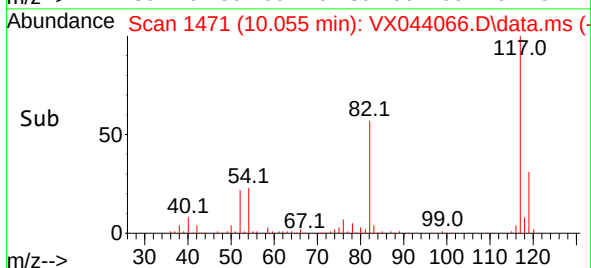
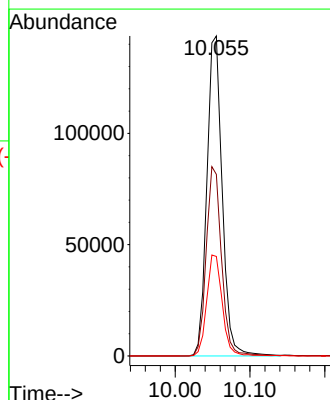
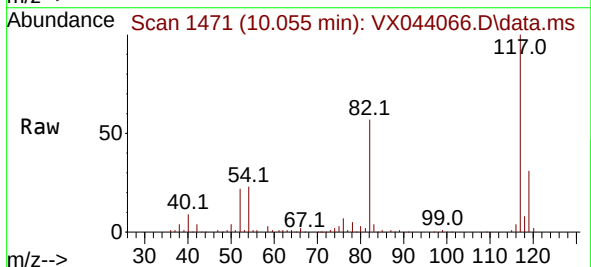
Instrument :  
MSVOA\_X  
ClientSampleId :

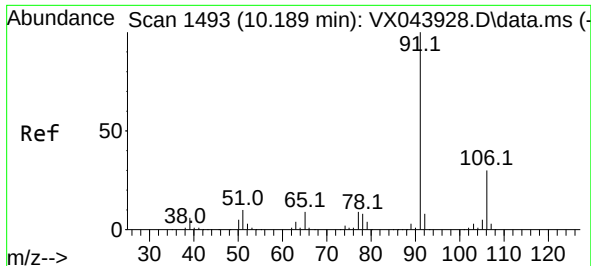
Tgt Ion: 95 Resp: 102472  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 150.4  
176 68.7 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 117 Resp: 204334  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.4 69.6  
119 31.1 24.6 37.0

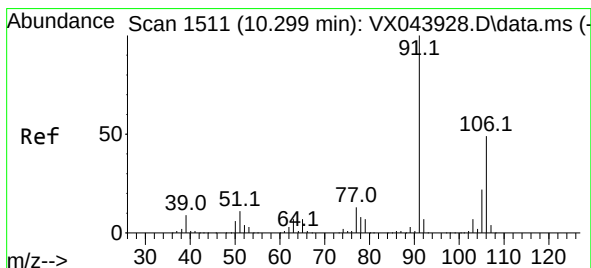
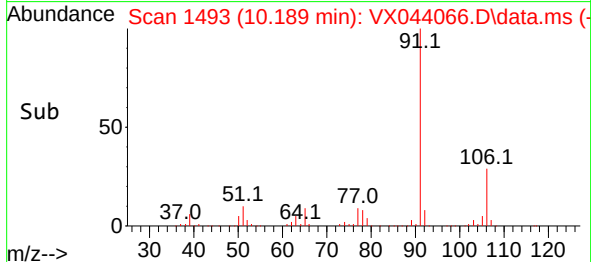
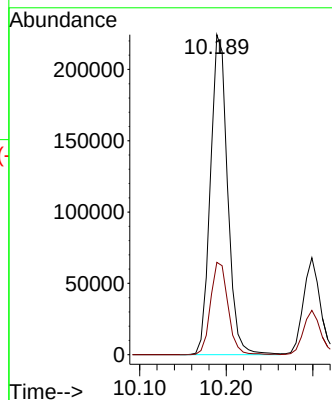
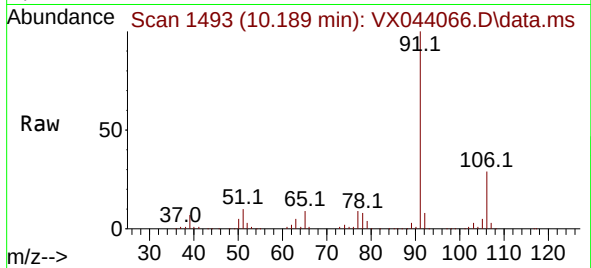




#67  
Ethyl Benzene  
Concen: 40.625 ug/l  
RT: 10.189 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

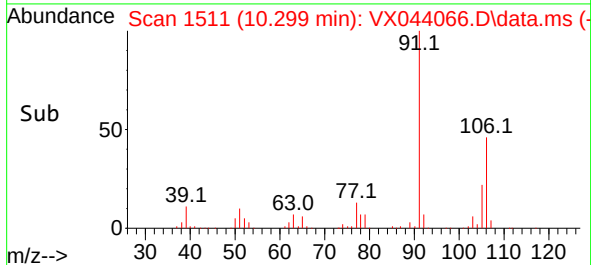
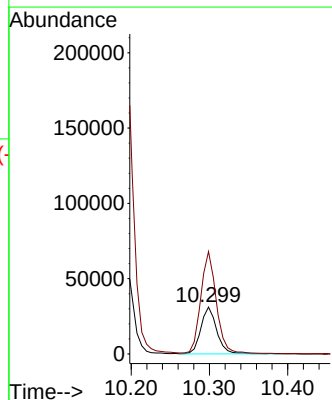
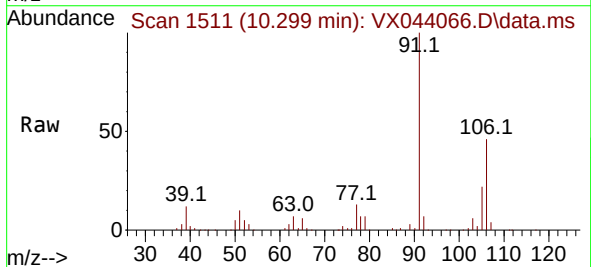
Instrument :  
MSVOA\_X  
ClientSampleId :

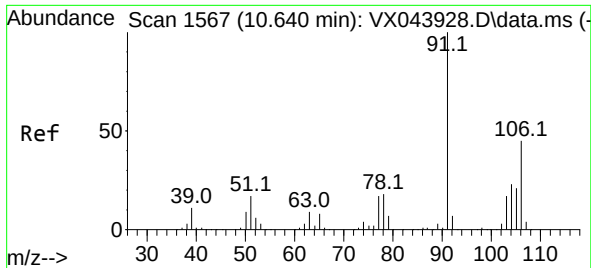
Tgt Ion: 91 Resp: 308936  
Ion Ratio Lower Upper  
91 100  
106 28.9 23.6 35.4



#68  
m/p-Xylenes  
Concen: 15.451 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 106 Resp: 43816  
Ion Ratio Lower Upper  
106 100  
91 215.2 168.1 252.1

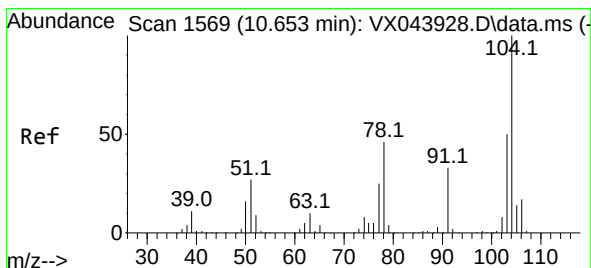
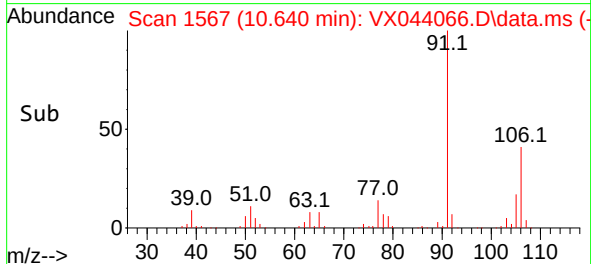
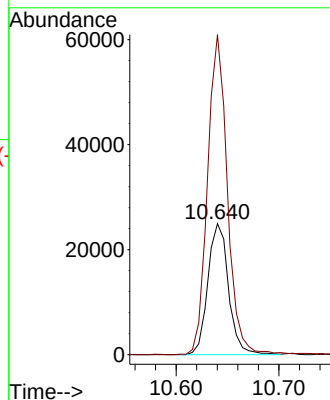
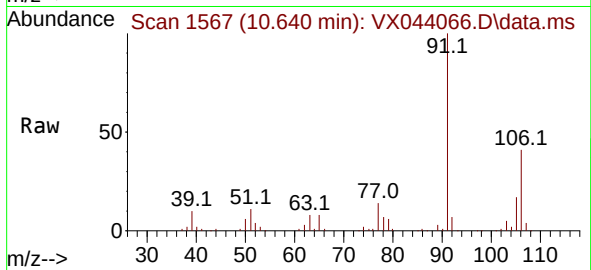




#69  
o-Xylene  
Concen: 12.620 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

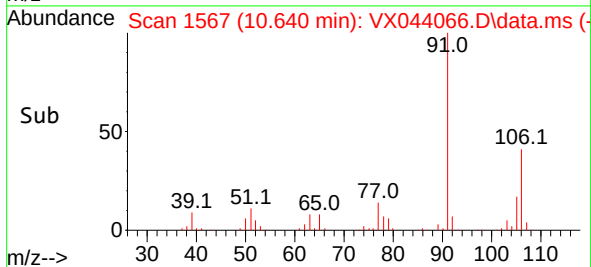
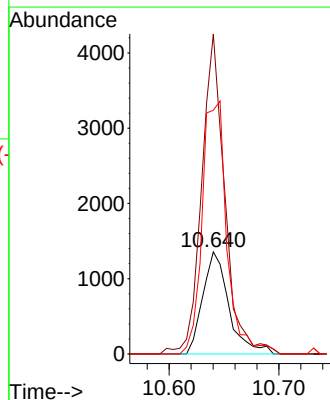
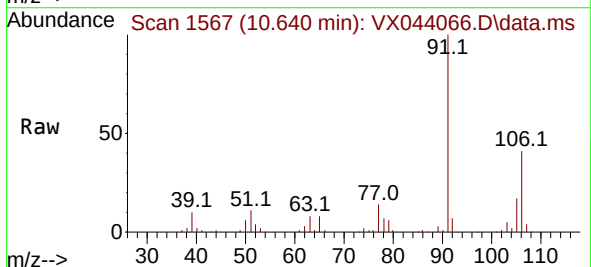
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:106 Resp: 34942  
Ion Ratio Lower Upper  
106 100  
91 234.9 110.2 330.6

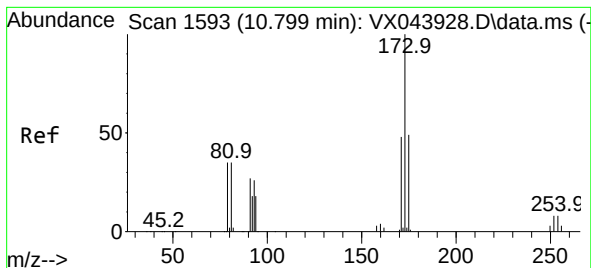


#70  
Styrene  
Concen: 0.490 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.012 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion:104 Resp: 2243  
Ion Ratio Lower Upper  
104 100  
78 278.2 42.2 63.2#  
103 235.4 44.7 67.1#







#71

Bromoform

Concen: 1.223 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

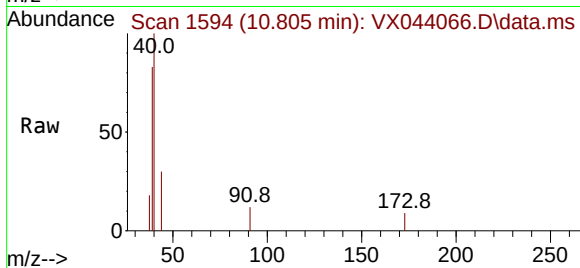
Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

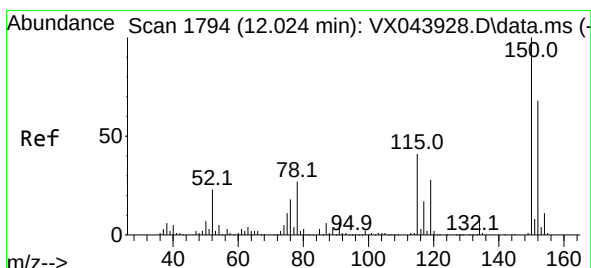
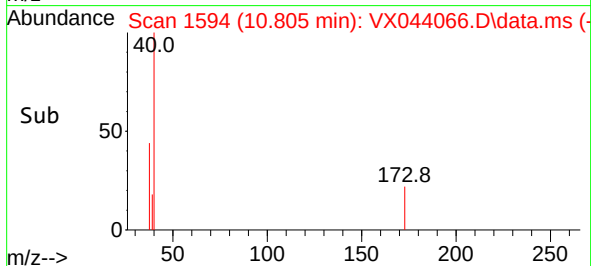
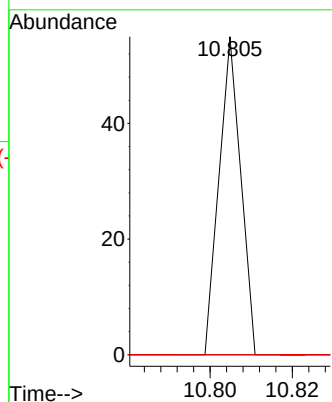
Instrument :

MSVOA\_X

ClientSampleId :



|             |       |            |
|-------------|-------|------------|
| Tgt Ion:173 | Resp: | 20         |
| Ion Ratio   | Lower | Upper      |
| 173         | 100   |            |
| 175         | 0.0   | 24.1 72.2# |
| 254         | 0.0   | 0.0 0.0    |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

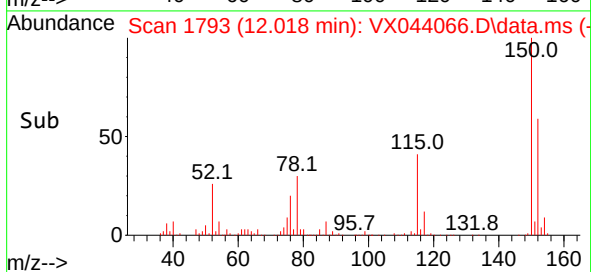
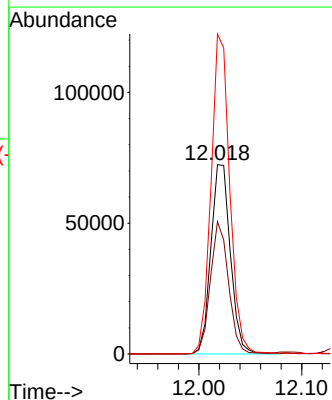
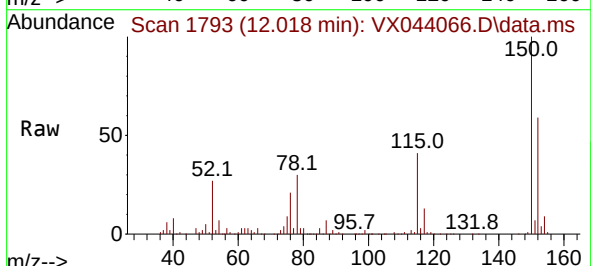
RT: 12.018 min Scan# 1793

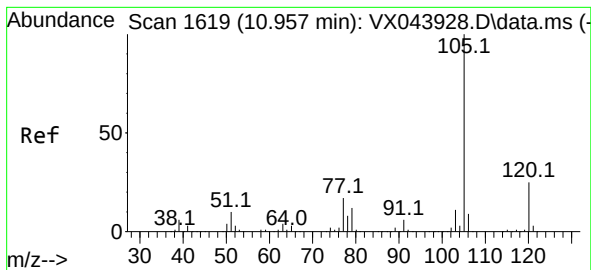
Delta R.T. -0.006 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 95432      |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 64.6  | 45.4 136.2 |
| 150         | 162.6 | 0.0 353.0  |





#73

Isopropylbenzene

Concen: 1.626 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

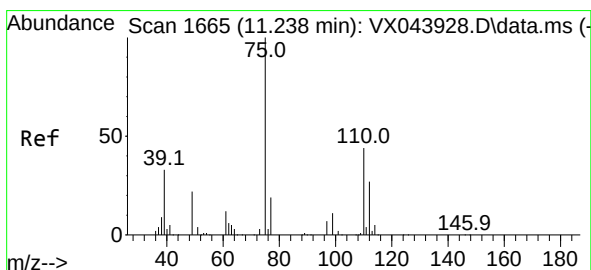
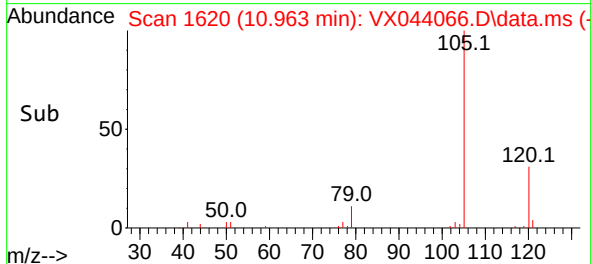
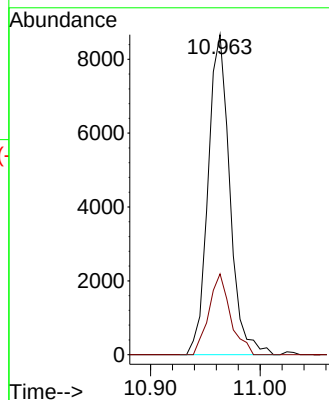
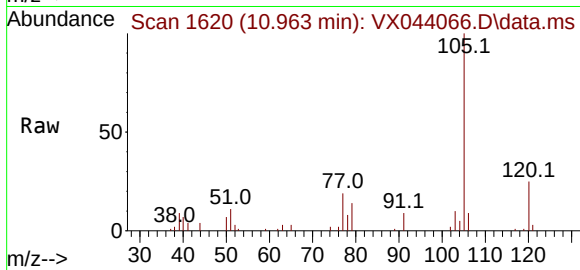
ClientSampleId :

Tgt Ion:105 Resp: 11928

Ion Ratio Lower Upper

105 100

120 25.1 13.0 38.9



#76

1,2,3-Trichloropropane

Concen: 27.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044066.D

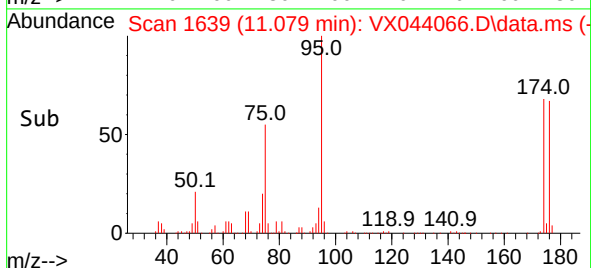
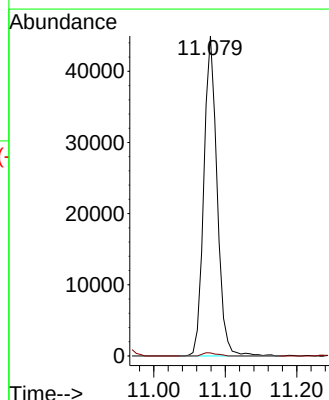
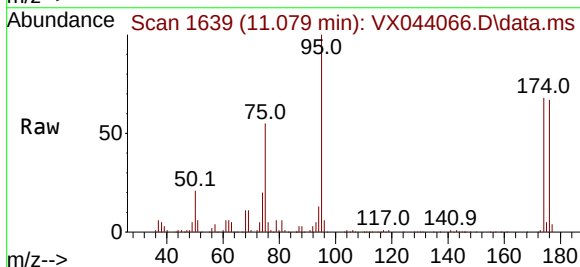
Acq: 02 Dec 2024 15:15

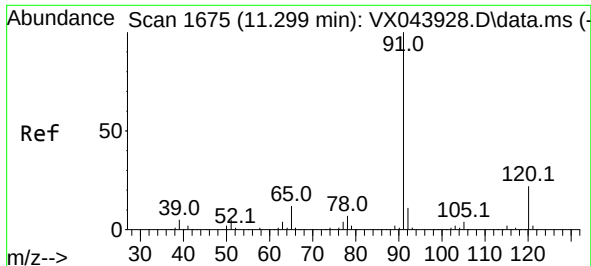
Tgt Ion: 75 Resp: 58012

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#

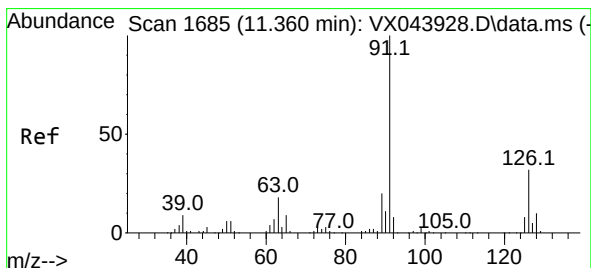
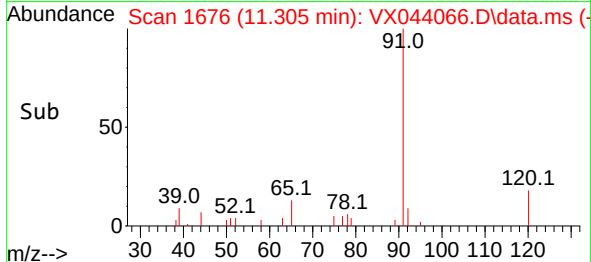
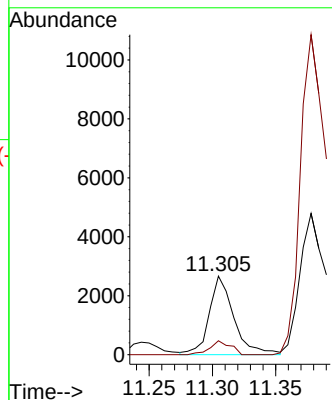
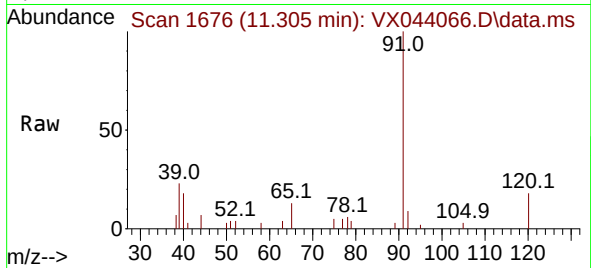




#78  
n-propylbenzene  
Concen: 0.441 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

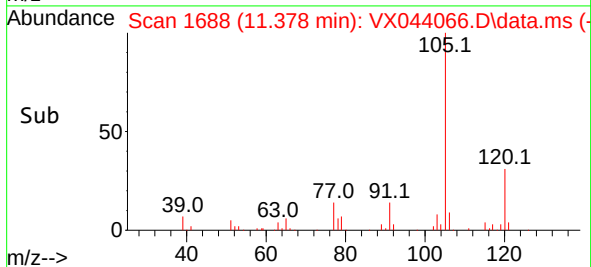
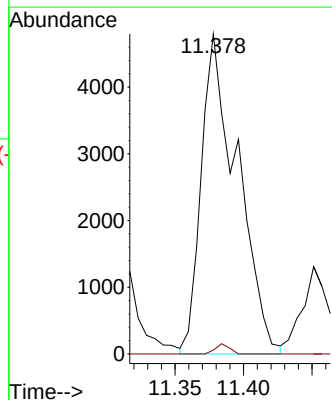
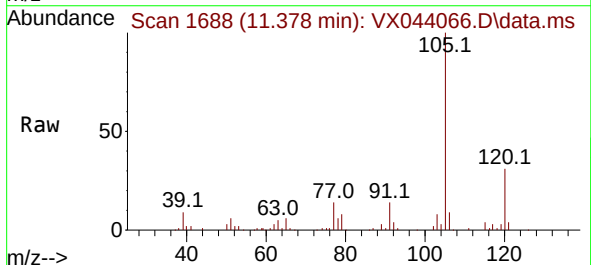
Instrument :  
MSVOA\_X  
ClientSampleId :

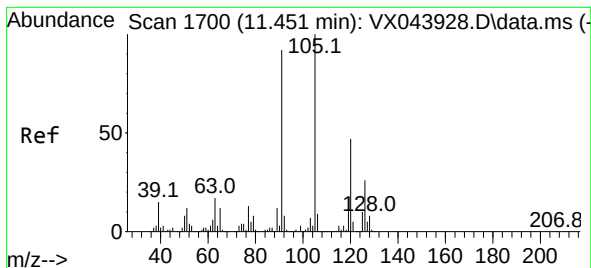
Tgt Ion: 91 Resp: 3611  
Ion Ratio Lower Upper  
91 100  
120 0.0 11.5 34.4#



#79  
2-Chlorotoluene  
Concen: 1.696 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.018 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 91 Resp: 8786  
Ion Ratio Lower Upper  
91 100  
126 1.2 16.6 49.8#





#80

1,3,5-Trimethylbenzene

Concen: 1.957 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

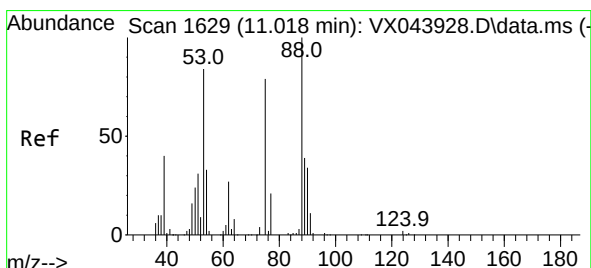
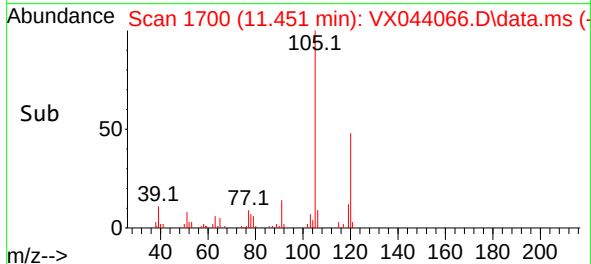
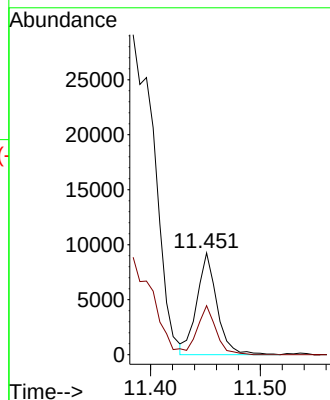
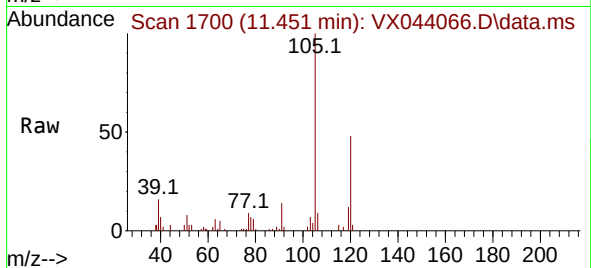
ClientSampleId :

Tgt Ion:105 Resp: 11810

Ion Ratio Lower Upper

105 100

120 43.4 23.3 69.8



#81

trans-1,4-Dichloro-2-butene

Concen: 75.640 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

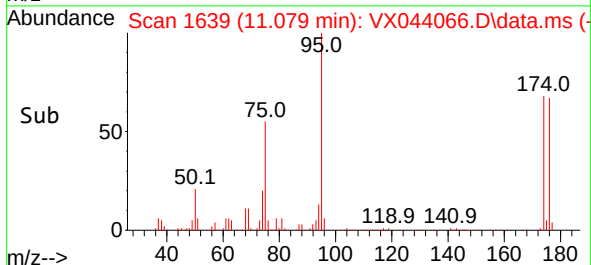
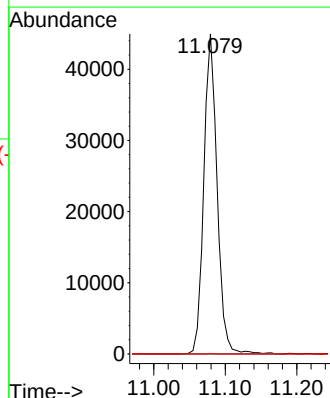
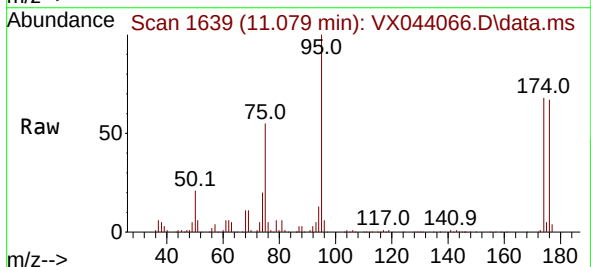
Tgt Ion: 75 Resp: 58012

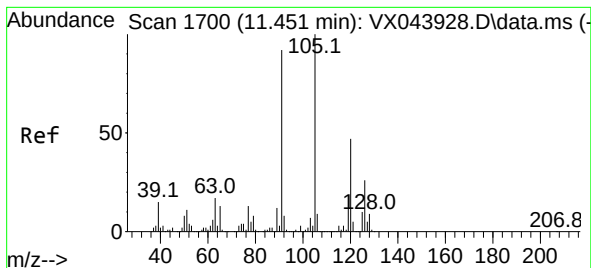
Ion Ratio Lower Upper

75 100

53 0.0 86.7 130.1#

89 0.0 38.2 57.2#

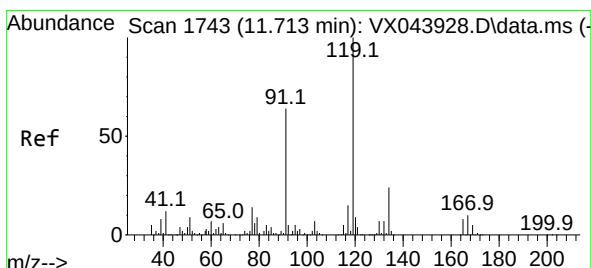
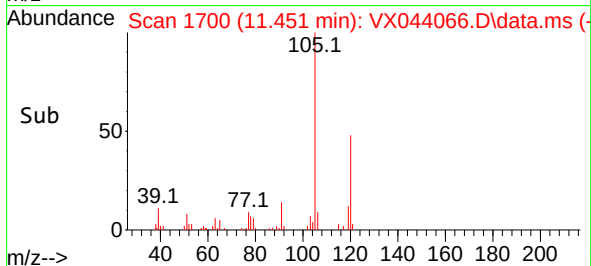
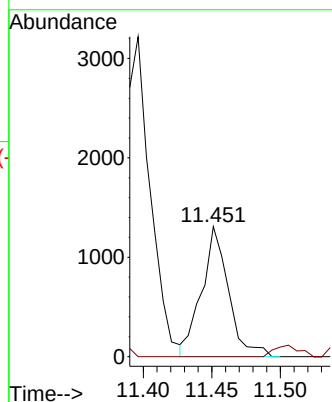
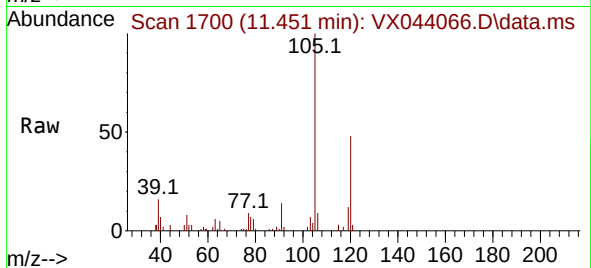




#82  
4-Chlorotoluene  
Concen: 0.304 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

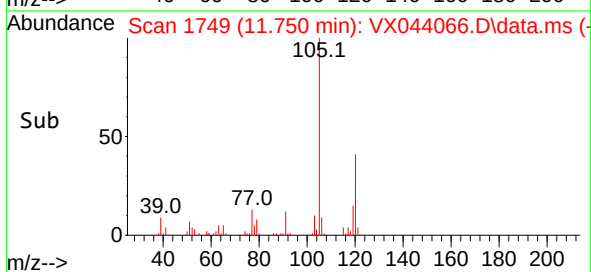
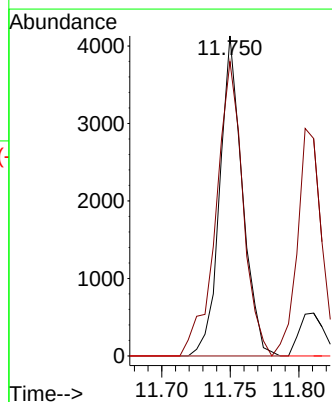
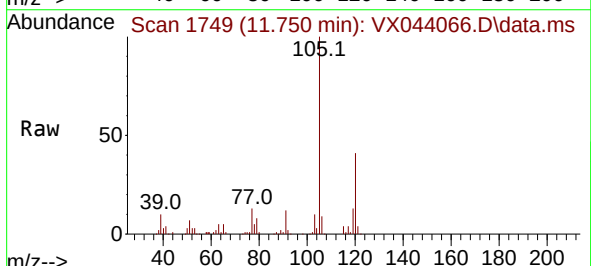
Instrument :  
MSVOA\_X  
ClientSampleId :

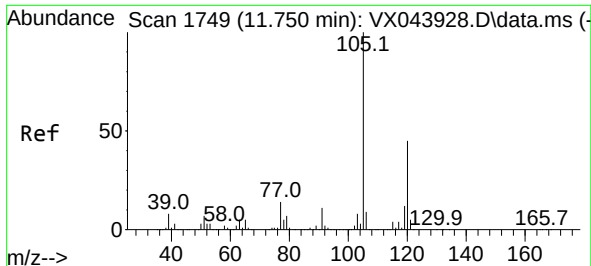
Tgt Ion: 91 Resp: 1777  
Ion Ratio Lower Upper  
91 100  
126 0.0 14.3 42.9#



#83  
tert-Butylbenzene  
Concen: 0.793 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.036 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion: 119 Resp: 4746  
Ion Ratio Lower Upper  
119 100  
91 109.8 31.0 93.0#  
134 0.0 11.6 34.8#

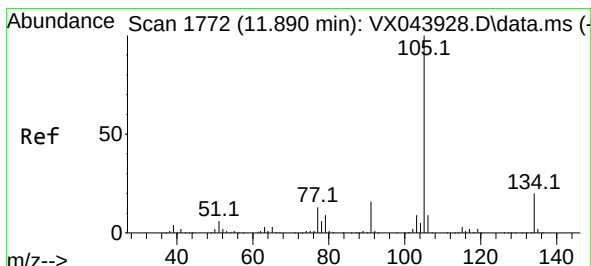
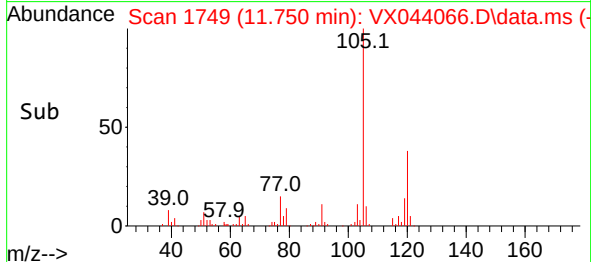
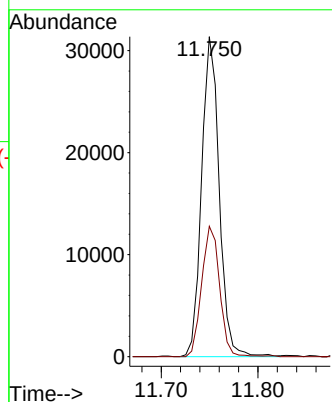
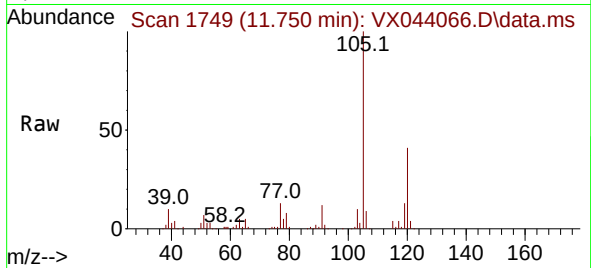




#84  
1,2,4-Trimethylbenzene  
Concen: 6.623 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

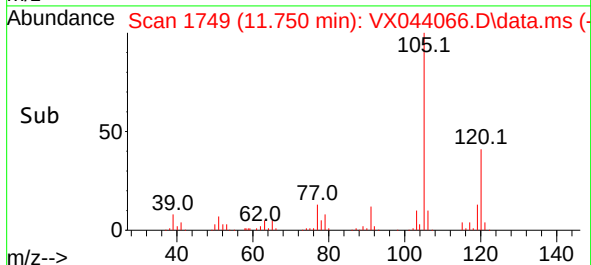
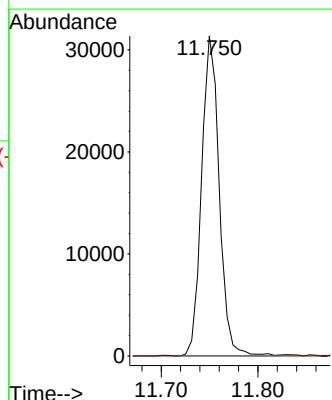
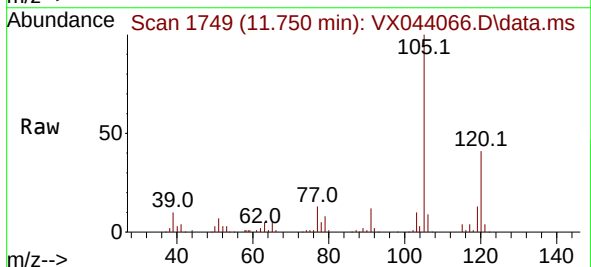
Instrument :  
MSVOA\_X  
ClientSampleId :

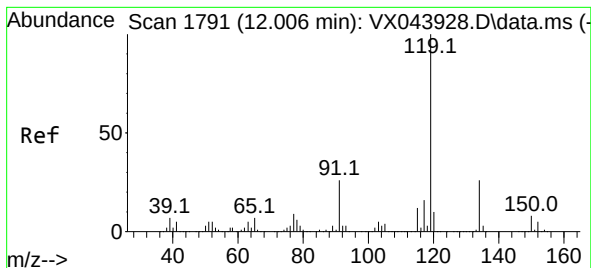
Tgt Ion:105 Resp: 39796  
Ion Ratio Lower Upper  
105 100  
120 41.5 21.9 65.7



#85  
sec-Butylbenzene  
Concen: 5.430 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.140 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion:105 Resp: 39796  
Ion Ratio Lower Upper  
105 100  
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 0.284 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044066.D

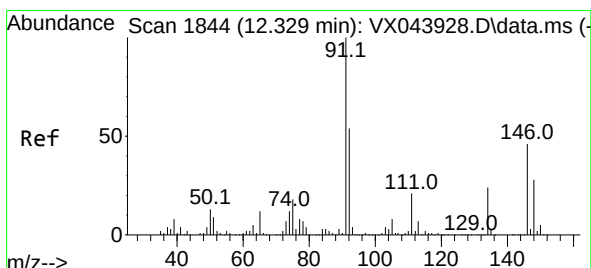
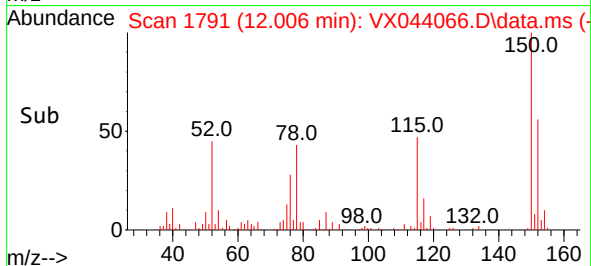
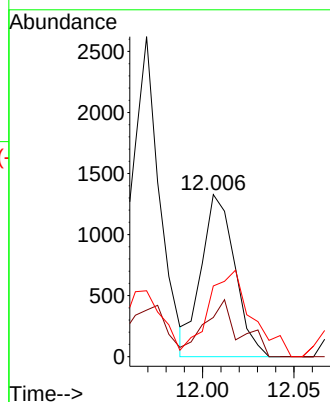
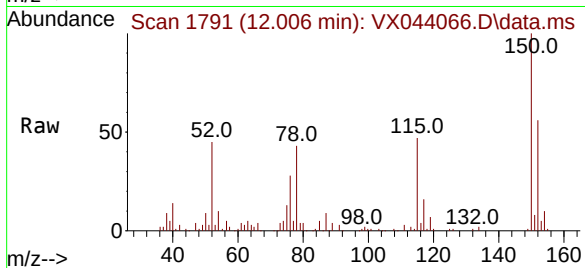
Acq: 02 Dec 2024 15:15

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 1690  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 37.1  | 13.0  | 38.9  |
| 91       | 0.0   | 13.0  | 38.9# |



#89

n-Butylbenzene

Concen: 12.285 ug/l

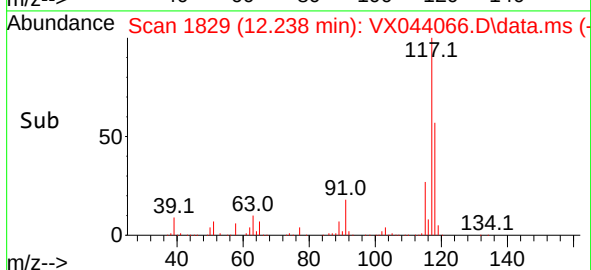
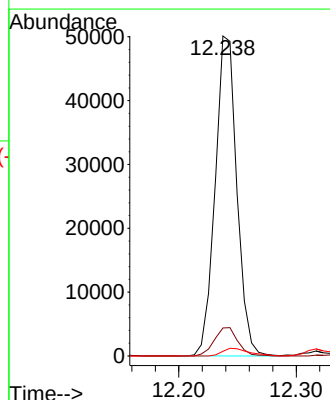
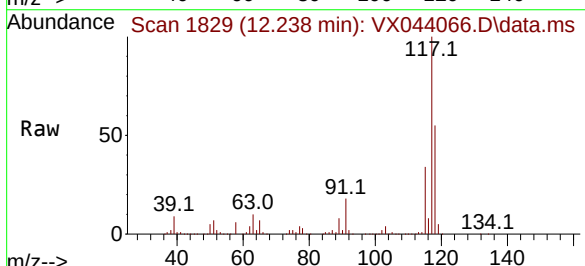
RT: 12.238 min Scan# 1829

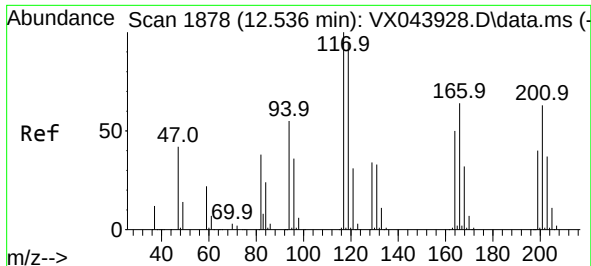
Delta R.T. -0.092 min

Lab File: VX044066.D

Acq: 02 Dec 2024 15:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 64481 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 9.6   | 26.6  | 79.8# |
| 134      | 2.9   | 12.4  | 37.2# |

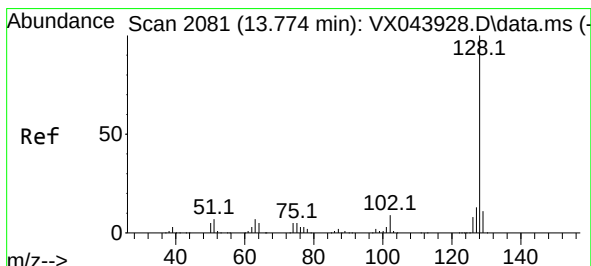
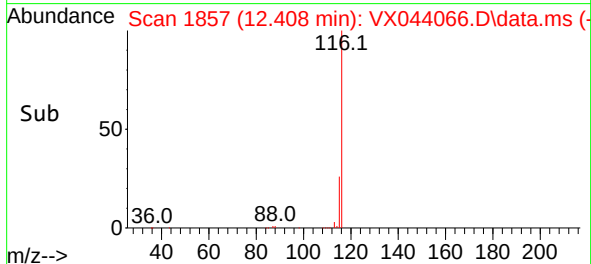
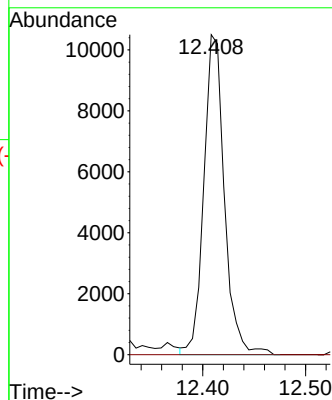
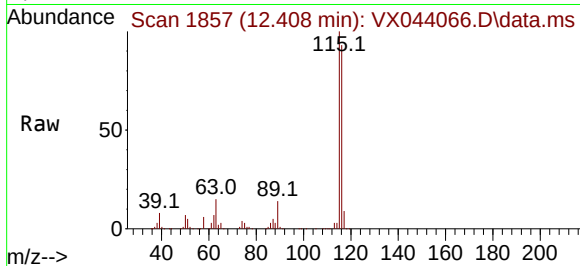




#90  
Hexachloroethane  
Concen: 14.418 ug/l  
RT: 12.408 min Scan# 117  
Delta R.T. -0.128 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion:117 Resp: 14596  
Ion Ratio Lower Upper  
117 100  
201 0.0 32.4 97.0#



#95  
Naphthalene  
Concen: 490.647 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044066.D  
Acq: 02 Dec 2024 15:15

Tgt Ion:128 Resp: 3349221  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 11.0 8.6 12.8

