

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040924\  
 Data File : VX040950.D  
 Acq On : 09 Apr 2024 12:47  
 Operator : JC/MD  
 Sample : P2026-03DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 50312DL

Quant Time: Apr 10 00:36:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

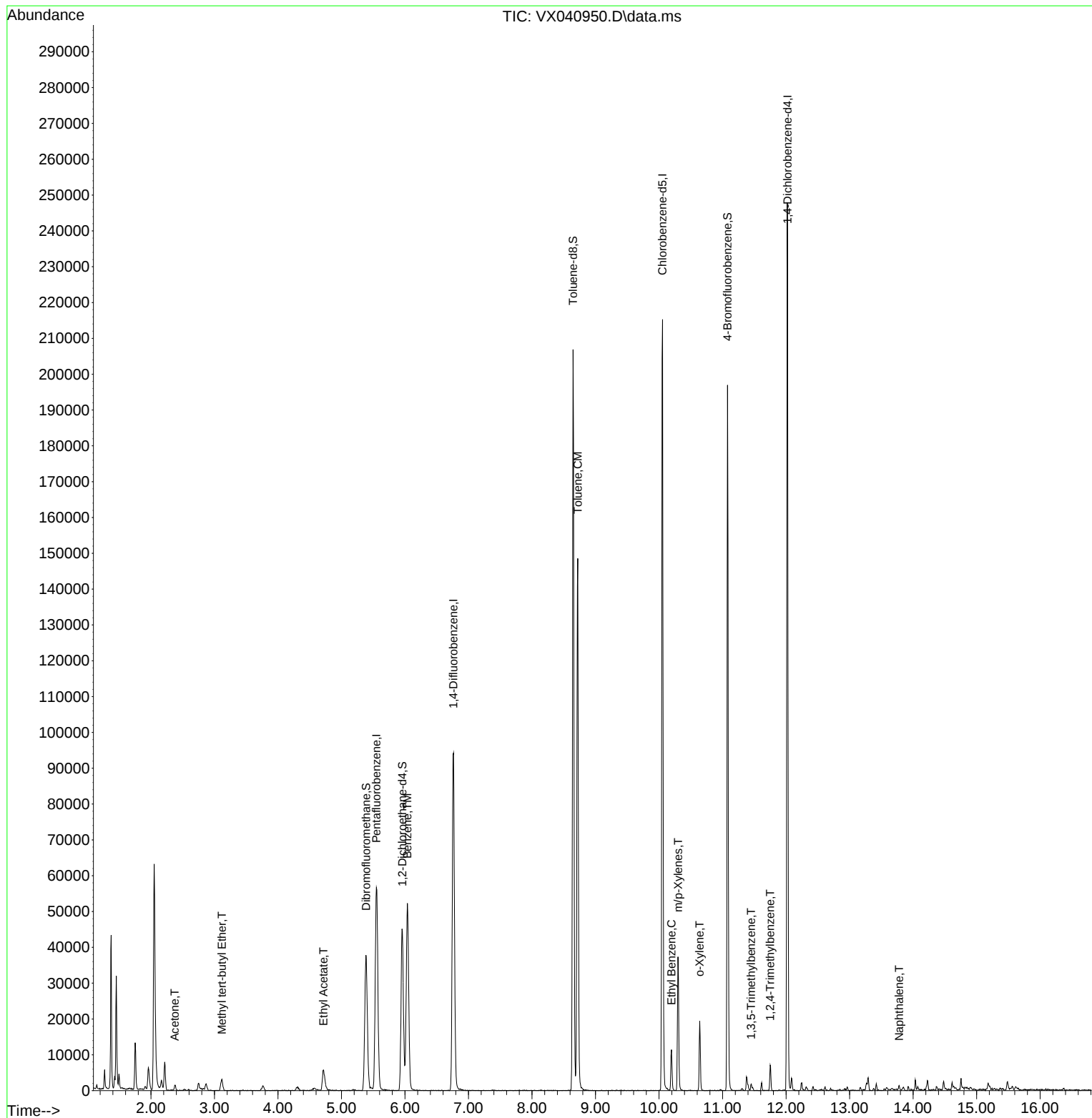
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 50294    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 91510    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 90715    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 47234    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 47126    | 52.222   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 104.440% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 31880    | 49.185   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 98.380%  |          |
| 50) Toluene-d8              | 8.647  | 98    | 116290   | 49.651   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.300%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 48151    | 51.481   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.960% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.374  | 43    | 1779     | 5.077    | ug/l       | 97       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 3146     | 1.588    | ug/l #     | 88       |
| 37) Ethyl Acetate           | 4.715  | 43    | 10747    | 9.503    | ug/l       | 96       |
| 40) Benzene                 | 6.038  | 78    | 60057    | 23.495   | ug/l       | 97       |
| 52) Toluene                 | 8.720  | 92    | 54117    | 33.553   | ug/l       | 94       |
| 67) Ethyl Benzene           | 10.195 | 91    | 6695     | 1.892    | ug/l       | 96       |
| 68) m/p-Xylenes             | 10.299 | 106   | 8141     | 6.324    | ug/l       | 90       |
| 69) o-Xylene                | 10.640 | 106   | 3746     | 3.089    | ug/l       | 88       |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 1221     | 0.433    | ug/l       | 81       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 3349     | 1.180    | ug/l       | 97       |
| 95) Naphthalene             | 13.780 | 128   | 1126     | 0.329    | ug/l #     | 93       |
| -----                       |        |       |          |          |            |          |

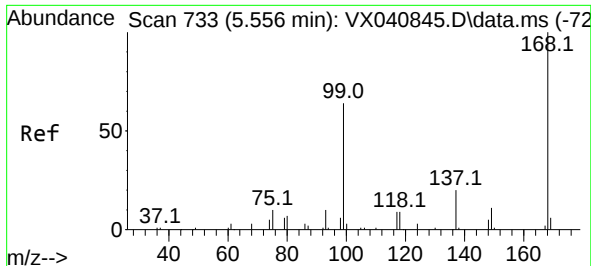
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040924\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
50312DL

Quant Time: Apr 10 00:36:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

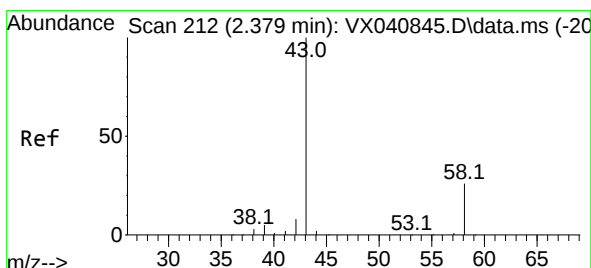
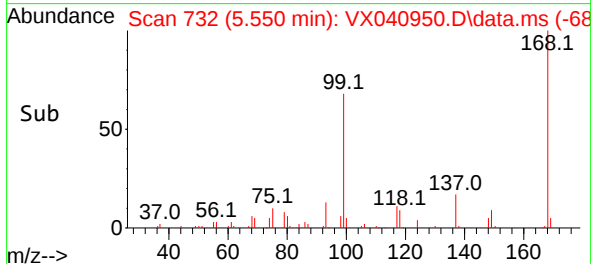
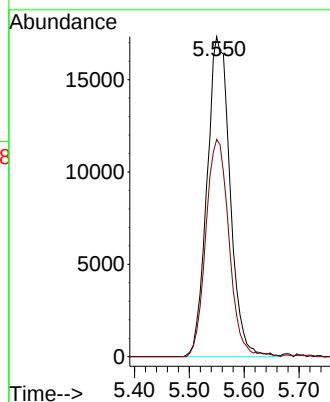
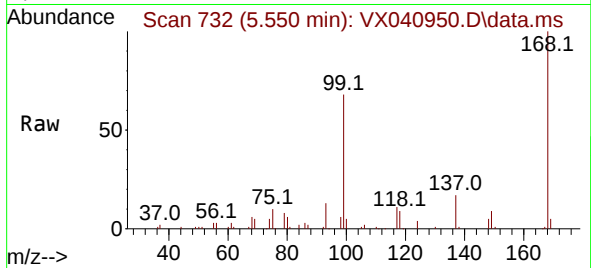
Instrument :

MSVOA\_X

ClientSampleId :

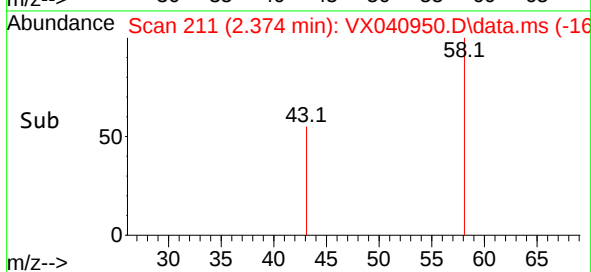
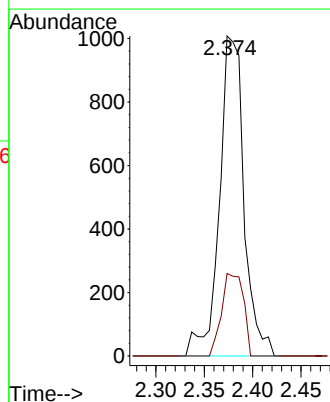
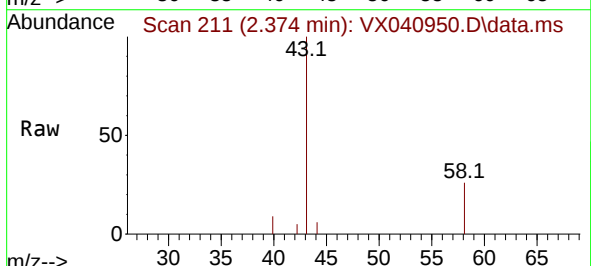
50312DL

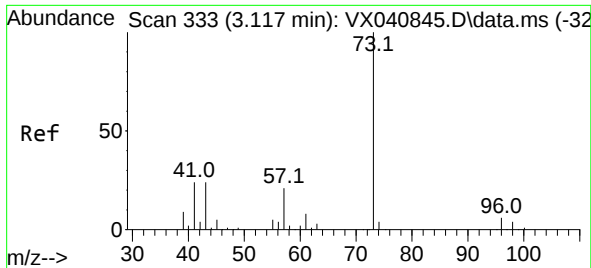
Tgt Ion:168 Resp: 50294  
Ion Ratio Lower Upper  
168 100  
99 67.9 56.6 85.0



#16  
Acetone  
Concen: 5.077 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

Tgt Ion: 43 Resp: 1779  
Ion Ratio Lower Upper  
43 100  
58 25.8 21.9 32.9

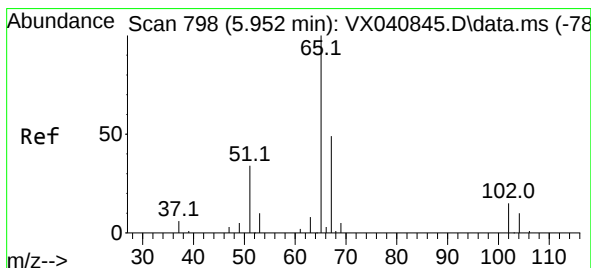
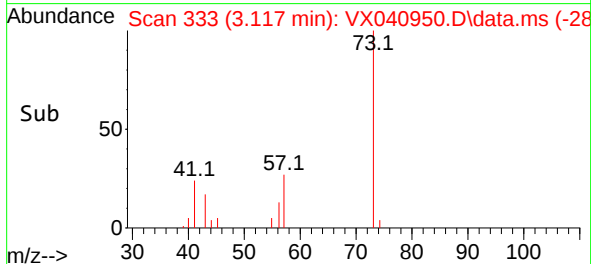
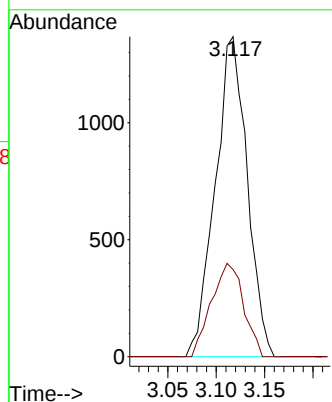
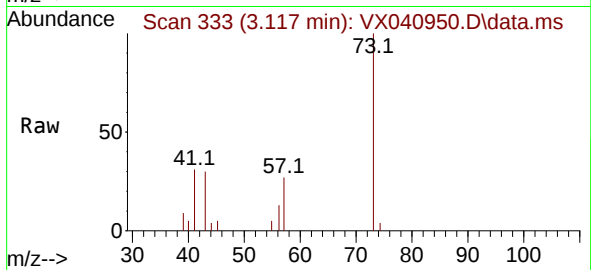




#19  
Methyl tert-butyl Ether  
Concen: 1.588 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

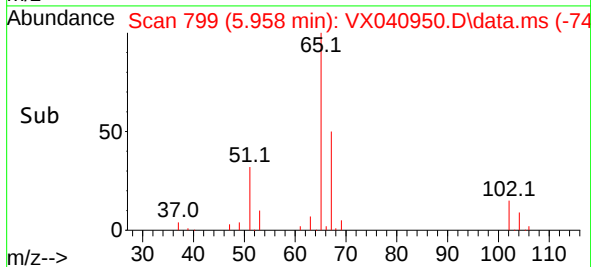
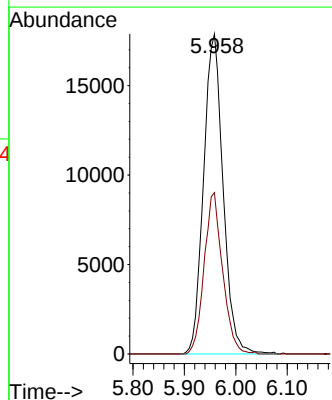
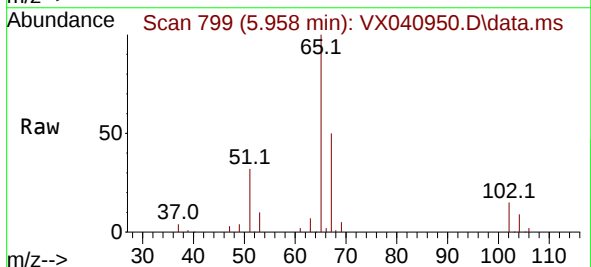
Instrument :  
MSVOA\_X  
ClientSampleId :  
50312DL

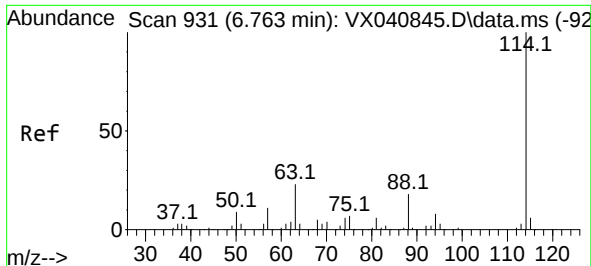
Tgt Ion: 73 Resp: 3146  
Ion Ratio Lower Upper  
73 100  
57 27.3 17.3 25.9#



#33  
1,2-Dichloroethane-d4  
Concen: 52.222 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

Tgt Ion: 65 Resp: 47126  
Ion Ratio Lower Upper  
65 100  
67 47.7 0.0 100.2

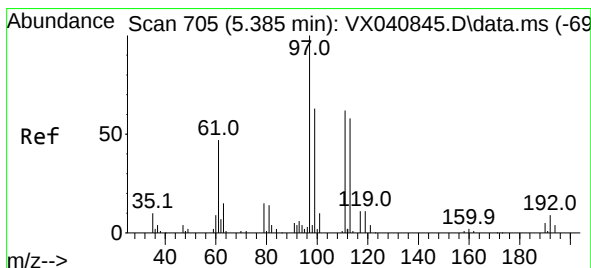
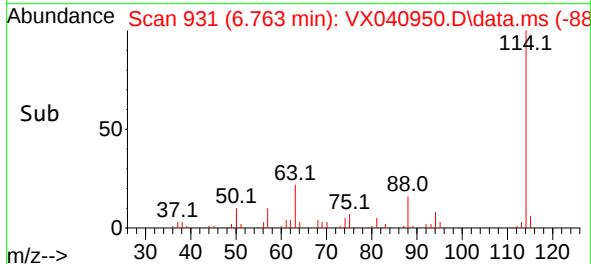
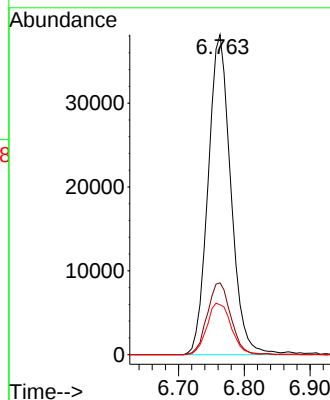
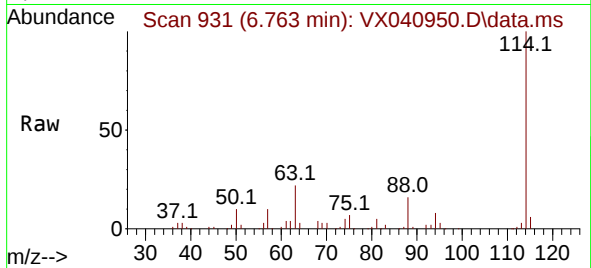




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX040950.D  
 Acq: 09 Apr 2024 12:47

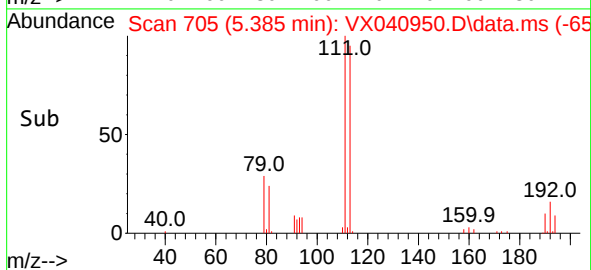
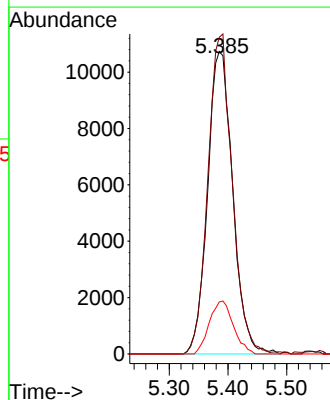
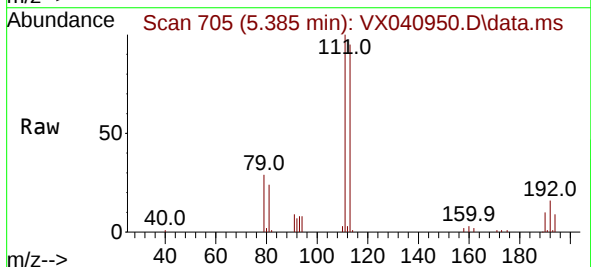
Instrument :  
 MSVOA\_X  
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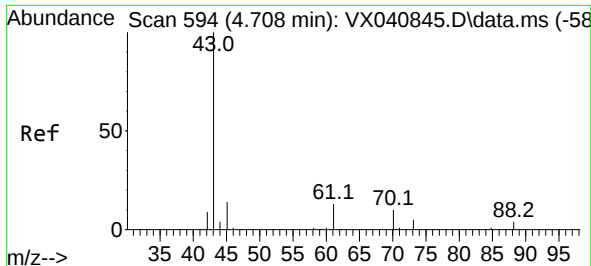
Tgt Ion:114 Resp: 91510  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 45.0  
 88 15.6 0.0 36.6



#35  
 Dibromofluoromethane  
 Concen: 49.185 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.000 min  
 Lab File: VX040950.D  
 Acq: 09 Apr 2024 12:47

Tgt Ion:113 Resp: 31880  
 Ion Ratio Lower Upper  
 113 100  
 111 102.6 82.9 124.3  
 192 16.7 13.3 19.9





#37

Ethyl Acetate

Concen: 9.503 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

Instrument :

MSVOA\_X

ClientSampleId :

50312DL

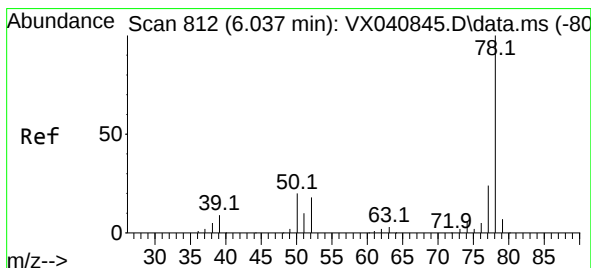
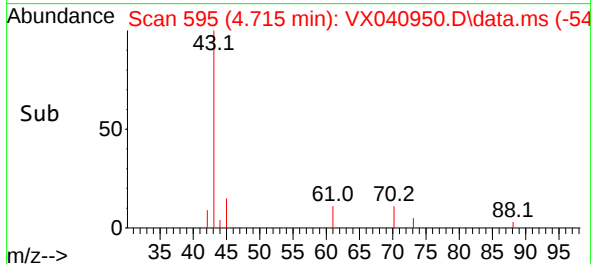
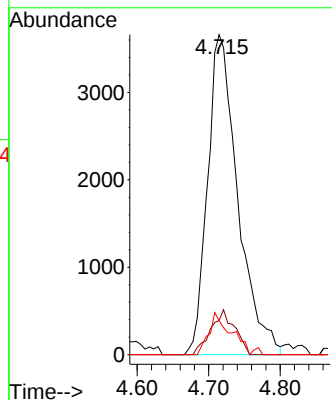
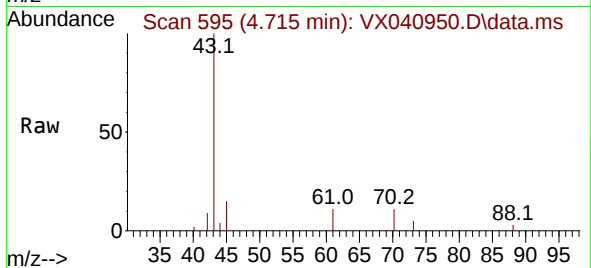
Tgt Ion: 43 Resp: 10747

Ion Ratio Lower Upper

43 100

61 11.0 10.6 16.0

70 9.7 8.3 12.5



#40

Benzene

Concen: 23.495 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040950.D

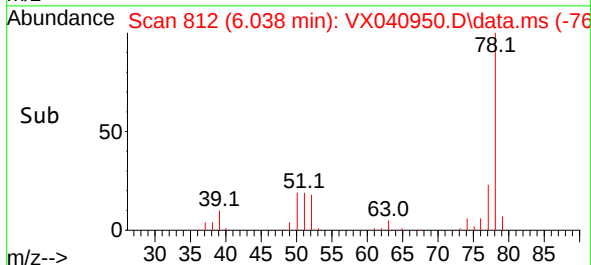
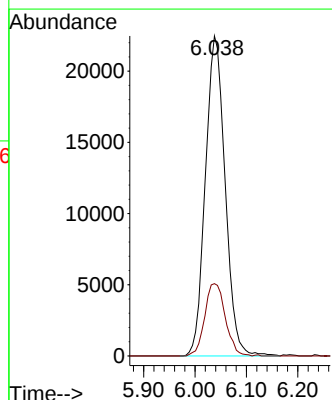
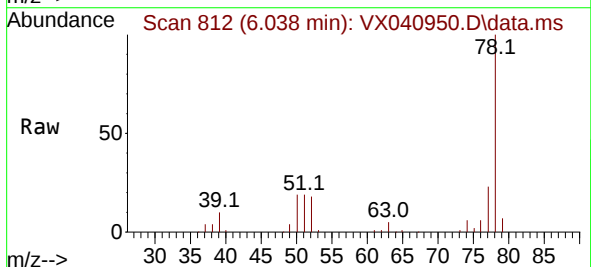
Acq: 09 Apr 2024 12:47

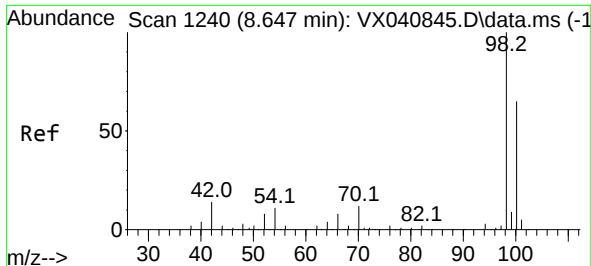
Tgt Ion: 78 Resp: 60057

Ion Ratio Lower Upper

78 100

77 22.6 19.3 28.9

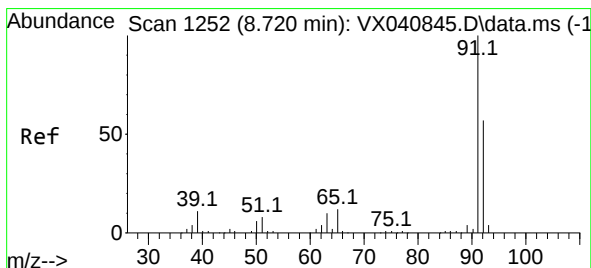
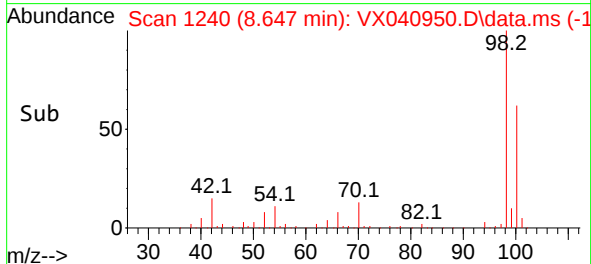
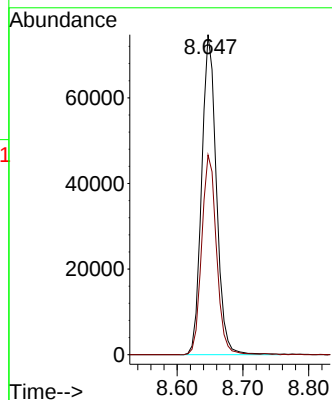
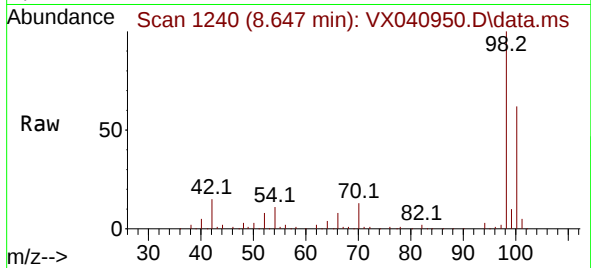




#50  
Toluene-d8  
Concen: 49.651 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

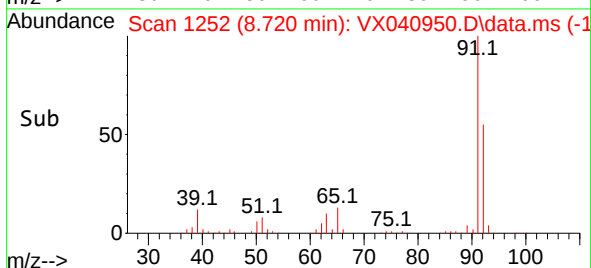
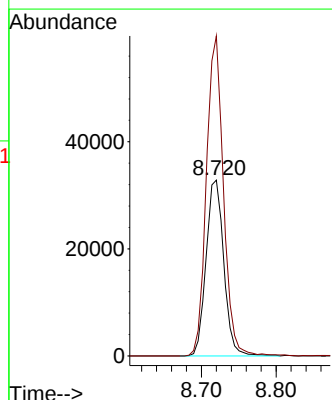
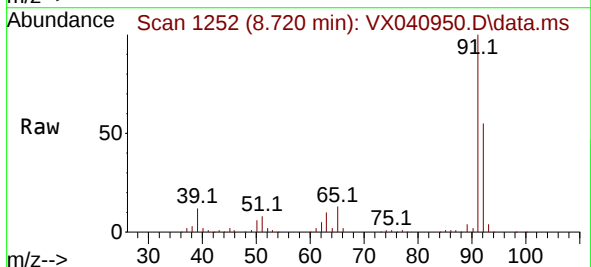
Instrument :  
MSVOA\_X  
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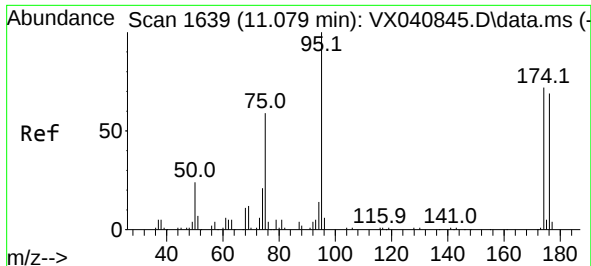
Tgt Ion: 98 Resp: 116290  
Ion Ratio Lower Upper  
98 100  
100 62.7 53.1 79.7



#52  
Toluene  
Concen: 33.553 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

Tgt Ion: 92 Resp: 54117  
Ion Ratio Lower Upper  
92 100  
91 175.4 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 51.481 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

Instrument :

MSVOA\_X

ClientSampleId :

50312DL

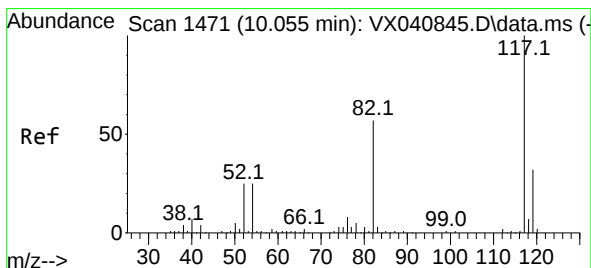
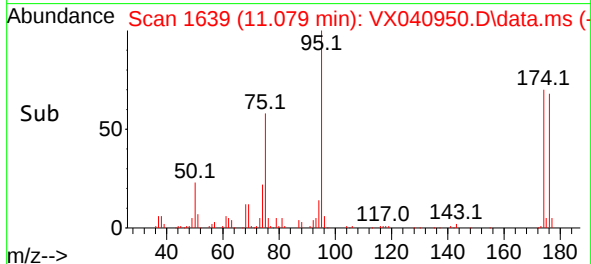
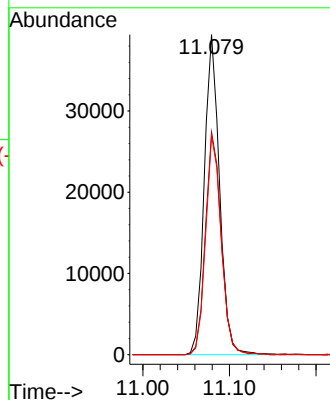
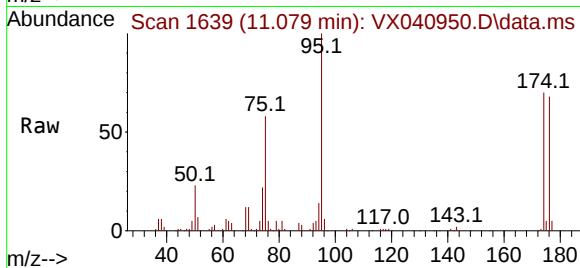
Tgt Ion: 95 Resp: 48151

Ion Ratio Lower Upper

95 100

174 72.1 0.0 135.6

176 69.9 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

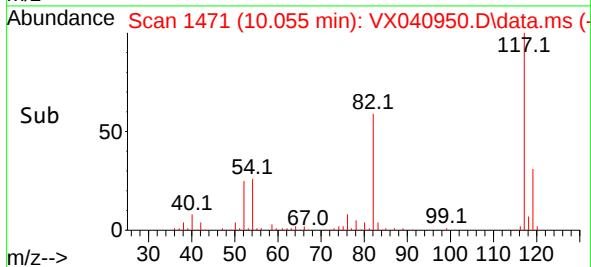
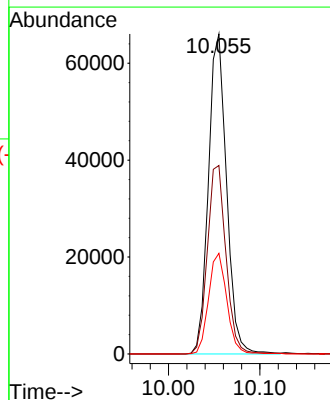
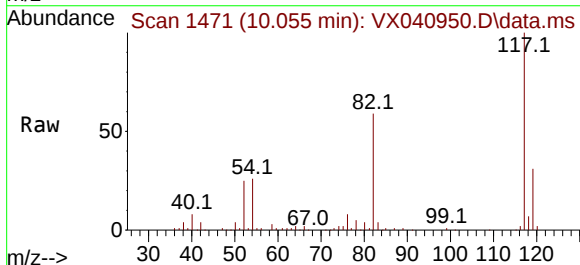
Tgt Ion: 117 Resp: 90715

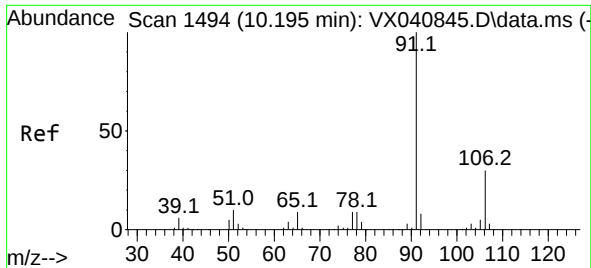
Ion Ratio Lower Upper

117 100

82 58.9 46.2 69.4

119 31.5 25.5 38.3

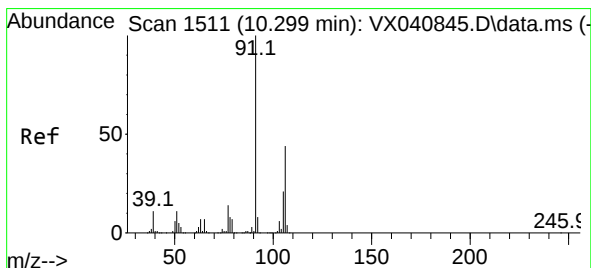
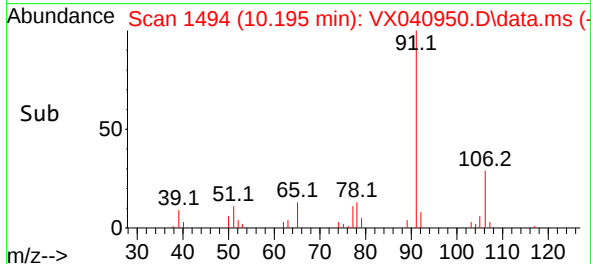
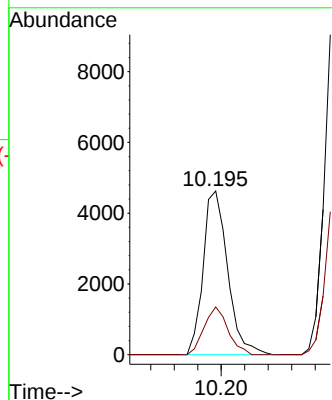
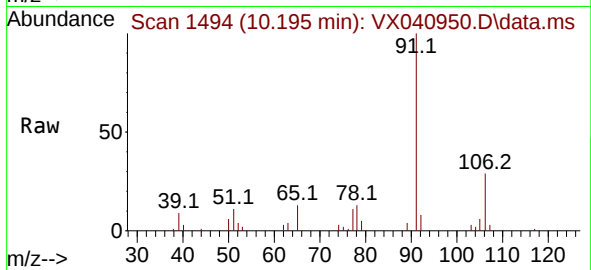




#67  
Ethyl Benzene  
Concen: 1.892 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

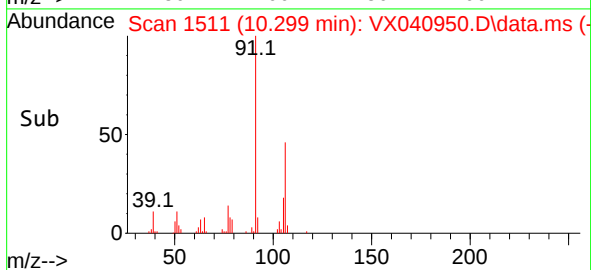
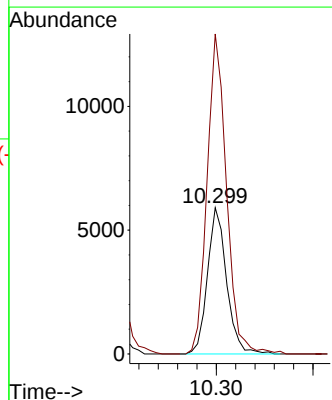
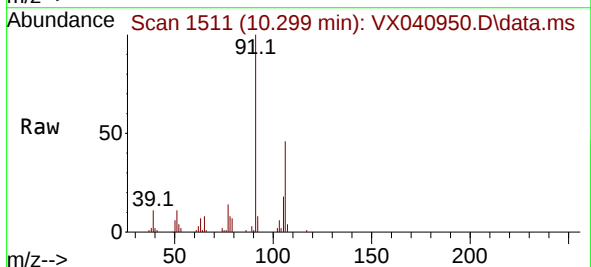
Instrument :  
MSVOA\_X  
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50312DL

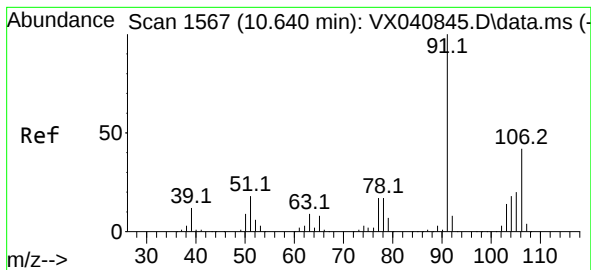
Tgt Ion: 91 Resp: 6695  
Ion Ratio Lower Upper  
91 100  
106 29.2 24.9 37.3



#68  
m/p-Xylenes  
Concen: 6.324 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

Tgt Ion: 106 Resp: 8141  
Ion Ratio Lower Upper  
106 100  
91 221.7 165.5 248.3





#69

o-Xylene

Concen: 3.089 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

Instrument :

MSVOA\_X

ClientSampleId :

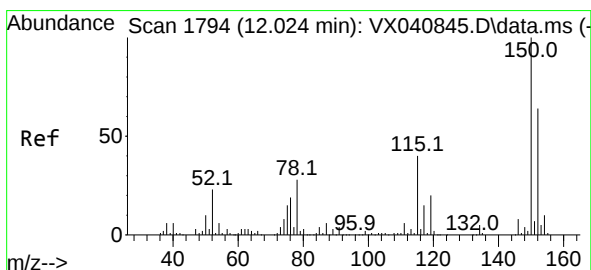
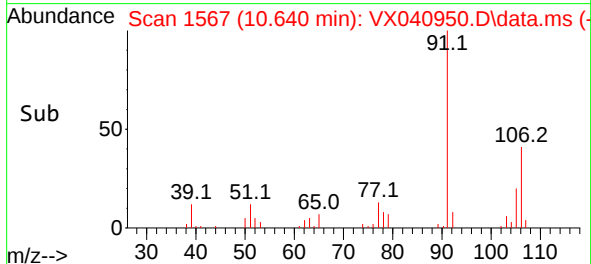
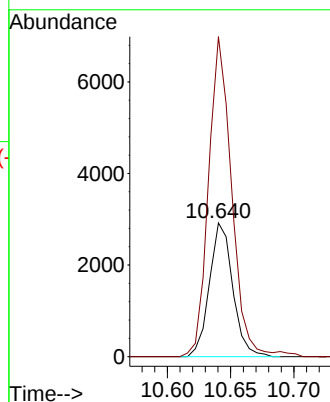
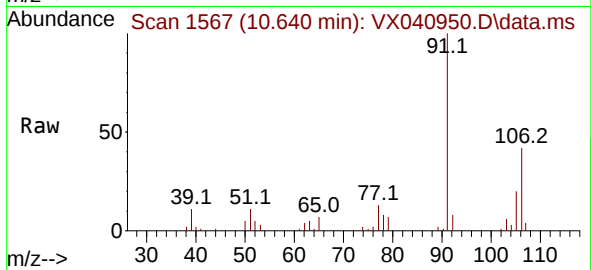
50312DL

Tgt Ion:106 Resp: 3746

Ion Ratio Lower Upper

106 100

91 237.6 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

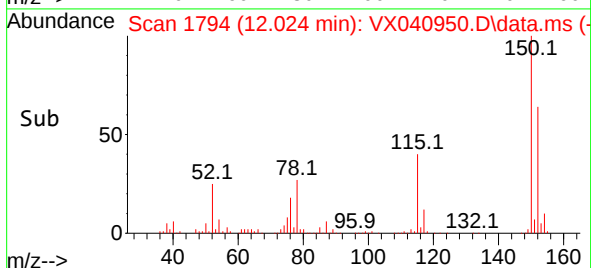
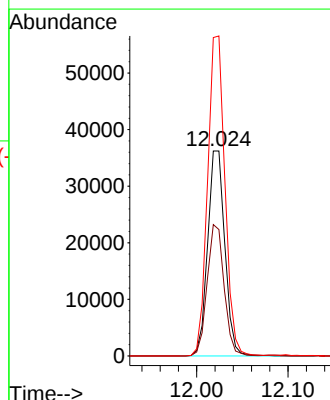
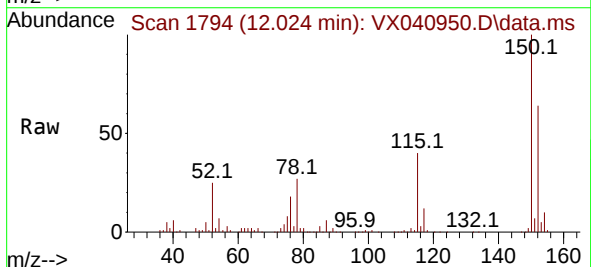
Tgt Ion:152 Resp: 47234

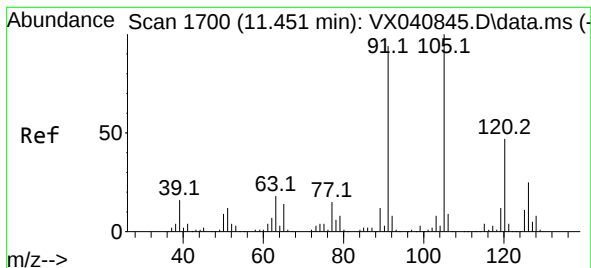
Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 157.5 0.0 345.0





#80

1,3,5-Trimethylbenzene

Concen: 0.433 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040950.D

Acq: 09 Apr 2024 12:47

Instrument :

MSVOA\_X

ClientSampleId :

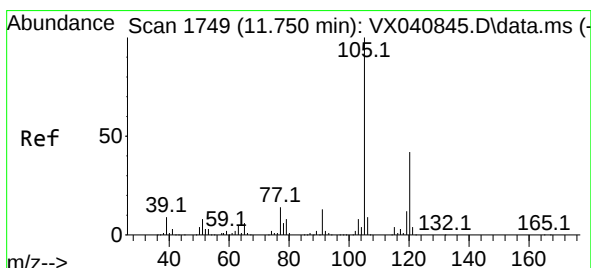
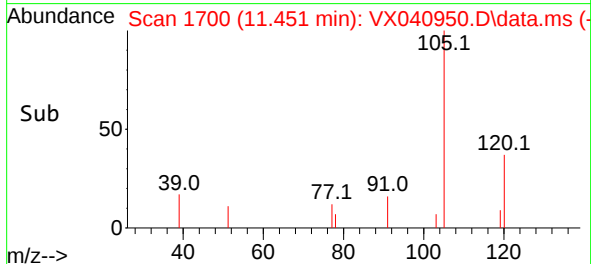
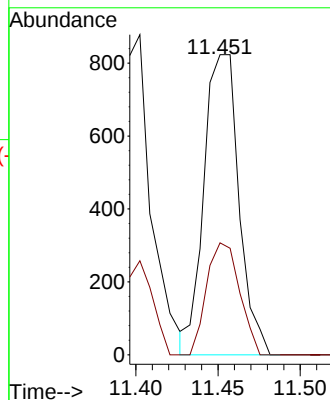
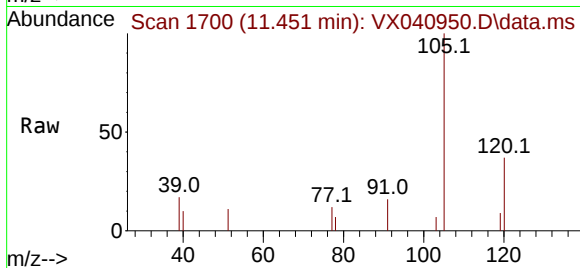
50312DL

Tgt Ion:105 Resp: 1221

Ion Ratio Lower Upper

105 100

120 35.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 1.180 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040950.D

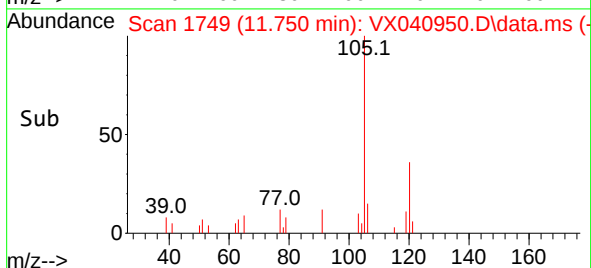
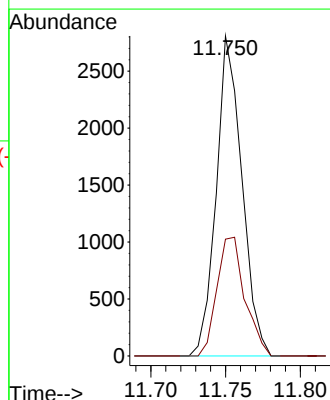
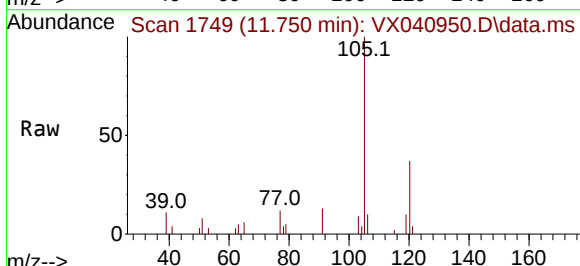
Acq: 09 Apr 2024 12:47

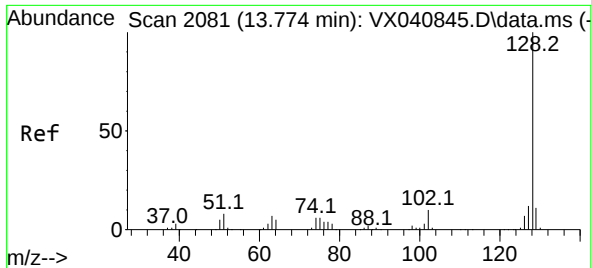
Tgt Ion:105 Resp: 3349

Ion Ratio Lower Upper

105 100

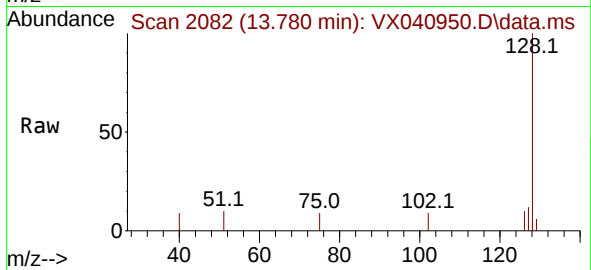
120 40.4 21.2 63.6





#95  
Naphthalene  
Concen: 0.329 ug/l  
RT: 13.780 min Scan# 20  
Delta R.T. 0.006 min  
Lab File: VX040950.D  
Acq: 09 Apr 2024 12:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
50312DL



Tgt Ion:128 Resp: 1126  
Ion Ratio Lower Upper  
128 100  
127 9.7 10.3 15.5#  
129 9.1 8.8 13.2

