

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102325\  
 Data File : VX048320.D  
 Acq On : 23 Oct 2025 13:22  
 Operator : JC/MD  
 Sample : Q3414-03 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-3

Quant Time: Oct 24 05:43:59 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 20 14:13:59 2025  
 Response via : Initial Calibration

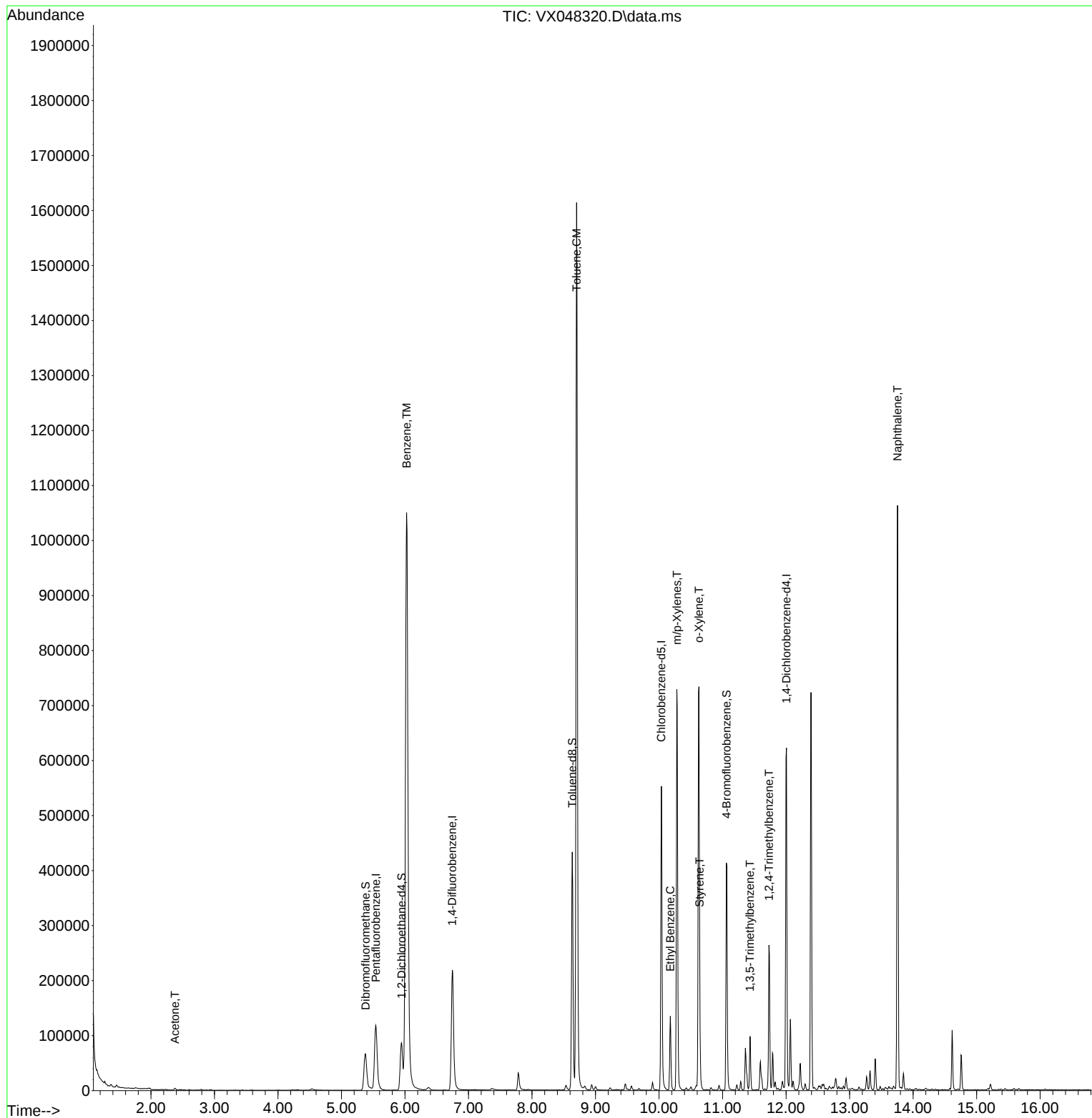
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------------|----------|
| -----                       |        |       |          |          |             |          |
| Internal Standards          |        |       |          |          |             |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 116739   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.745  | 114   | 234904   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 10.037 | 117   | 244134   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006 | 152   | 128394   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 96557    | 58.993   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 117.980%# |          |
| 35) Dibromofluoromethane    | 5.379  | 113   | 64758    | 40.381   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 80.760%   |          |
| 50) Toluene-d8              | 8.634  | 98    | 263311   | 46.844   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 93.680%   |          |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 118306   | 55.324   | ug/l        | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 110.640%  |          |
| Target Compounds            |        |       |          |          |             |          |
|                             |        |       |          |          | Qvalue      |          |
| 16) Acetone                 | 2.379  | 43    | 4374     | 7.790    | ug/l        | 97       |
| 40) Benzene                 | 6.025  | 78    | 1353870  | 204.583  | ug/l        | 99       |
| 52) Toluene                 | 8.701  | 92    | 627017   | 149.143  | ug/l        | 100      |
| 67) Ethyl Benzene           | 10.177 | 91    | 77697    | 8.310    | ug/l        | 99       |
| 68) m/p-Xylenes             | 10.280 | 106   | 170461   | 49.067   | ug/l        | 99       |
| 69) o-Xylene                | 10.628 | 106   | 155130   | 46.252   | ug/l        | 100      |
| 70) Styrene                 | 10.640 | 104   | 47447    | 8.308    | ug/l #      | 51       |
| 80) 1,3,5-Trimethylbenzene  | 11.433 | 105   | 41744    | 5.379    | ug/l        | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.731 | 105   | 115805   | 14.952   | ug/l        | 95       |
| 95) Naphthalene             | 13.755 | 128   | 622517   | 83.483   | ug/l        | 100      |
| -----                       |        |       |          |          |             |          |

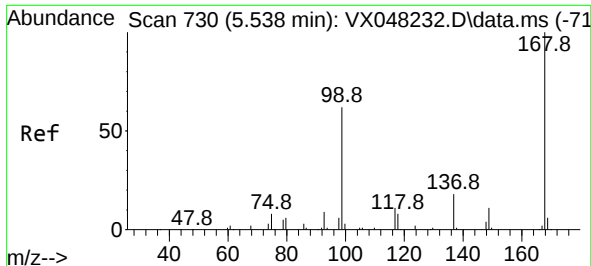
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102325\  
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Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Oct 24 05:43:59 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102025W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 20 14:13:59 2025  
Response via : Initial Calibration

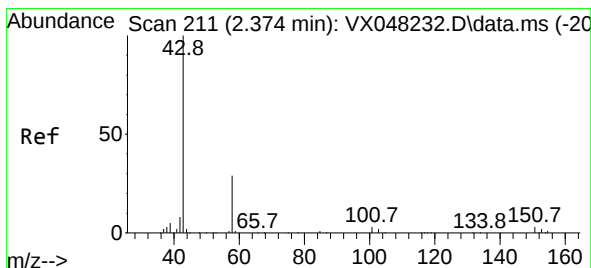
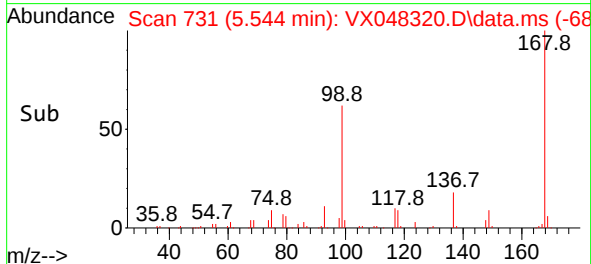
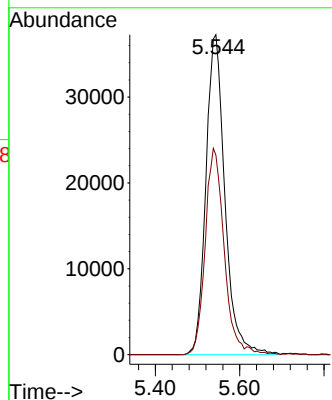
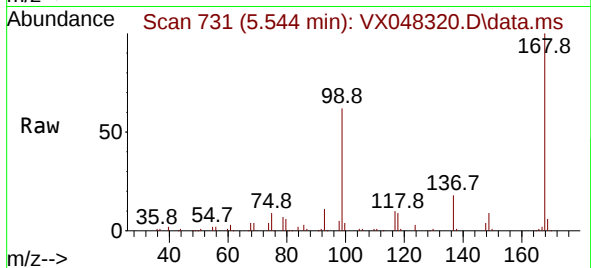




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

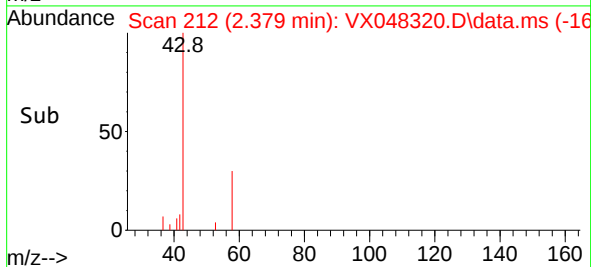
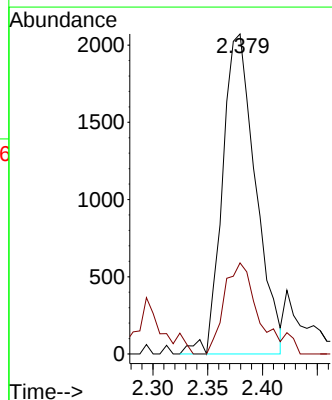
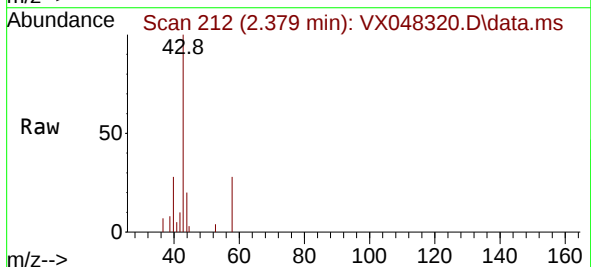
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-3

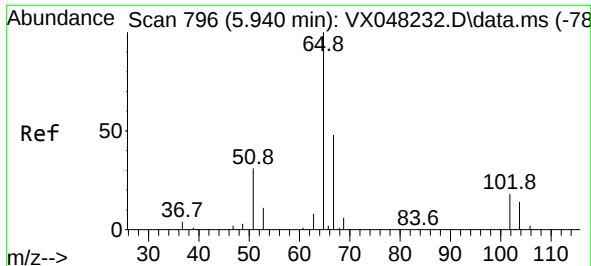
Tgt Ion:168 Resp: 116739  
Ion Ratio Lower Upper  
168 100  
99 62.4 46.4 69.6



#16  
Acetone  
Concen: 7.790 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

Tgt Ion: 43 Resp: 4374  
Ion Ratio Lower Upper  
43 100  
58 30.9 23.4 35.2

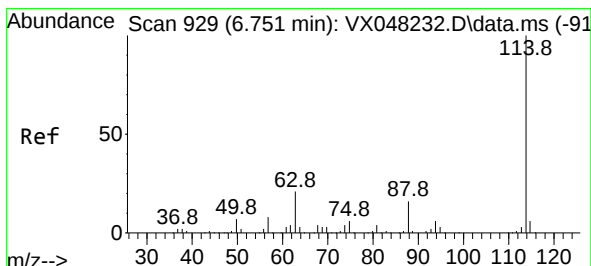
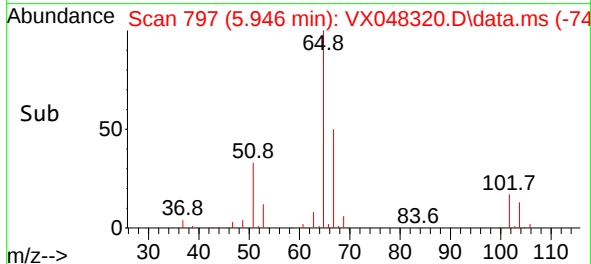
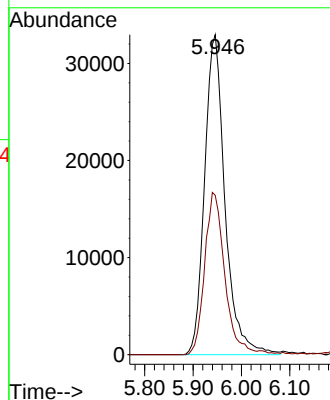
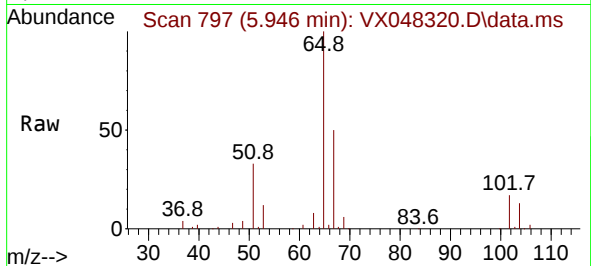




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.993 ug/l  
 RT: 5.946 min Scan# 796  
 Delta R.T. 0.006 min  
 Lab File: VX048320.D  
 Acq: 23 Oct 2025 13:22

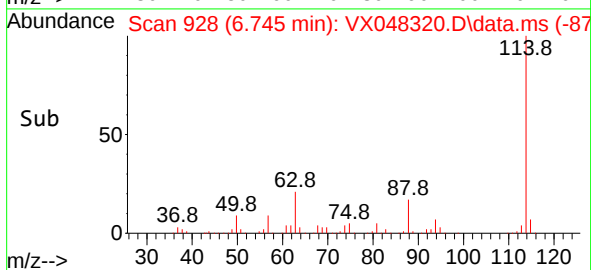
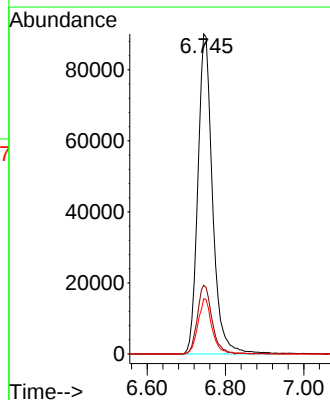
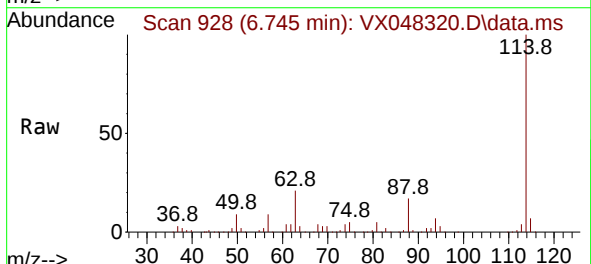
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-3

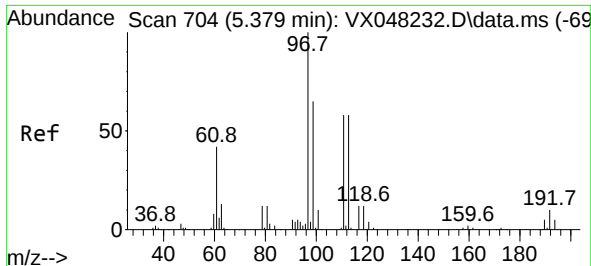
Tgt Ion: 65 Resp: 96557  
 Ion Ratio Lower Upper  
 65 100  
 67 50.3 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.745 min Scan# 928  
 Delta R.T. -0.000 min  
 Lab File: VX048320.D  
 Acq: 23 Oct 2025 13:22

Tgt Ion: 114 Resp: 234904  
 Ion Ratio Lower Upper  
 114 100  
 63 21.4 0.0 43.2  
 88 17.3 0.0 33.6

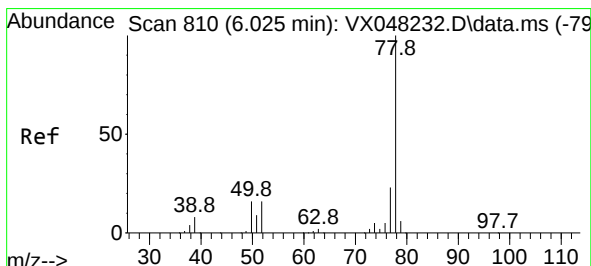
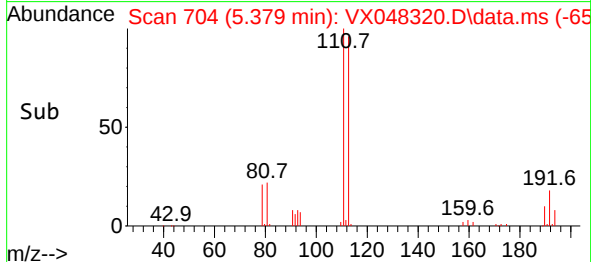
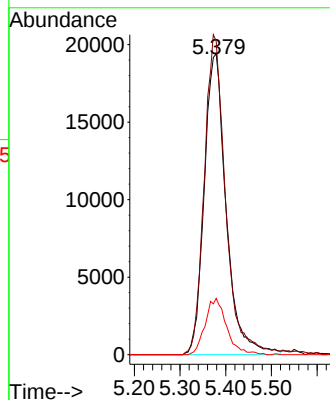
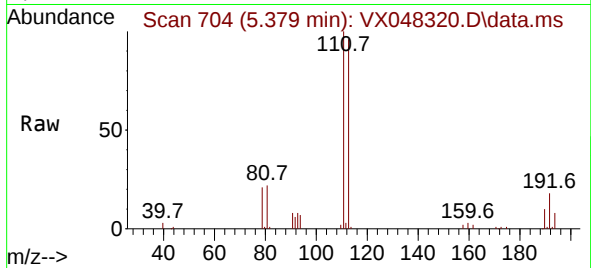




#35  
Dibromofluoromethane  
Concen: 40.381 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

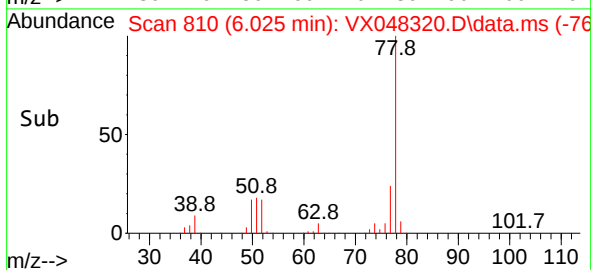
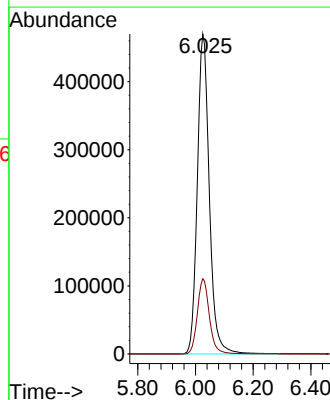
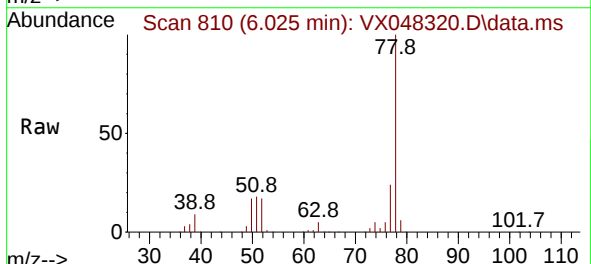
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-3

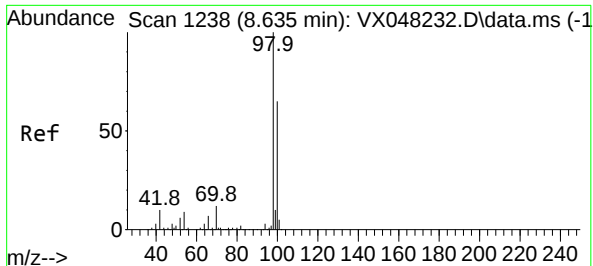
Tgt Ion:113 Resp: 64758  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.2 123.4  
192 18.3 15.1 22.7



#40  
Benzene  
Concen: 204.583 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

Tgt Ion: 78 Resp: 1353870  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.3 28.9





#50

Toluene-d8

Concen: 46.844 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

Instrument :

MSVOA\_X

ClientSampleId :

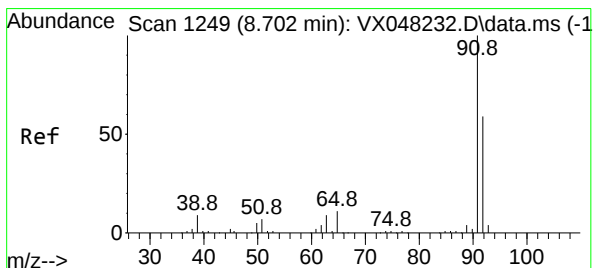
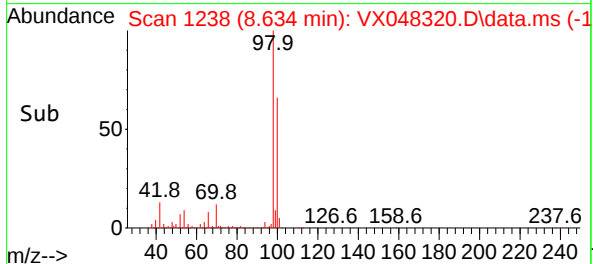
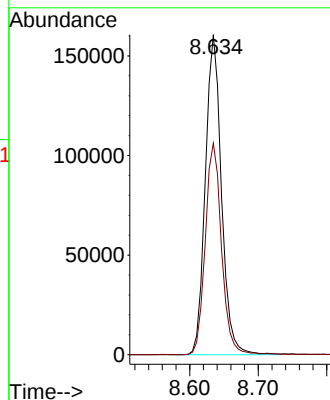
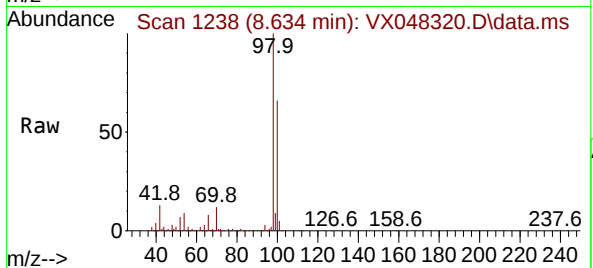
SB-3

Tgt Ion: 98 Resp: 263311

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4



#52

Toluene

Concen: 149.143 ug/l

RT: 8.701 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048320.D

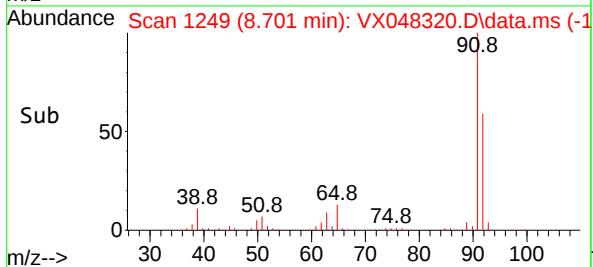
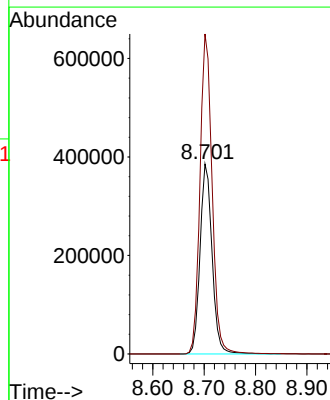
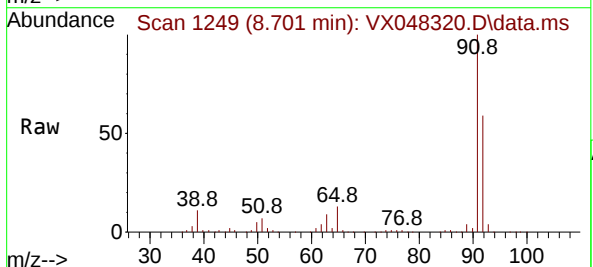
Acq: 23 Oct 2025 13:22

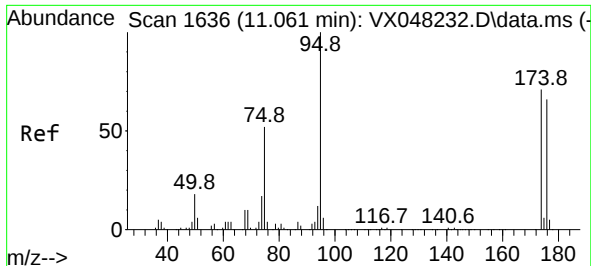
Tgt Ion: 92 Resp: 627017

Ion Ratio Lower Upper

92 100

91 169.8 136.1 204.1

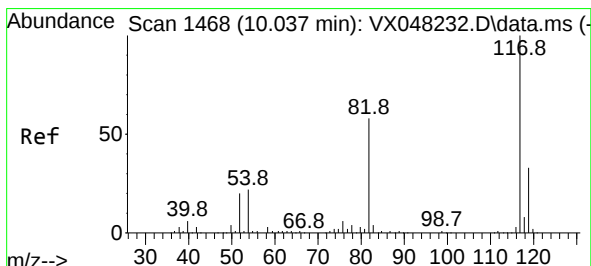
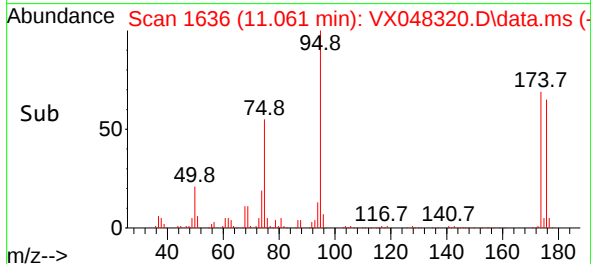
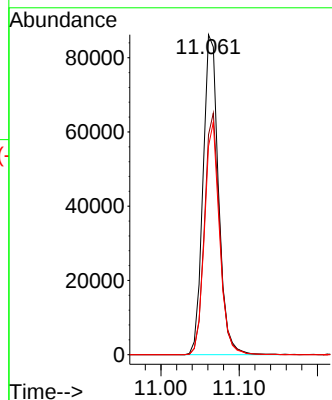
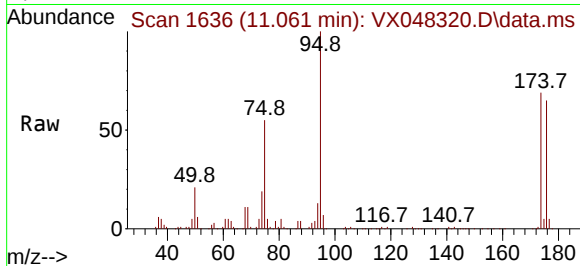




#62  
4-Bromofluorobenzene  
Concen: 55.324 ug/l  
RT: 11.061 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

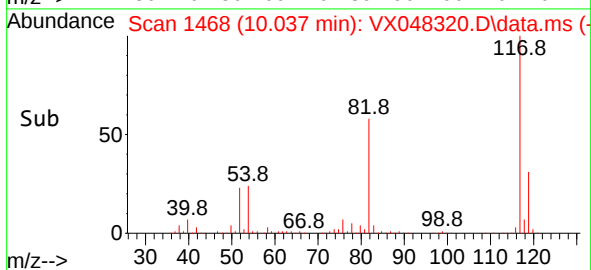
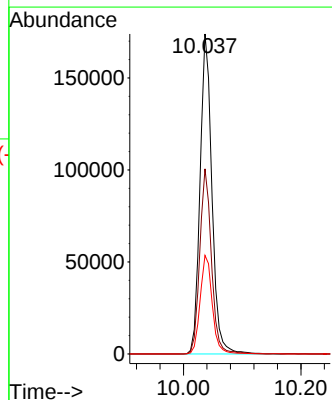
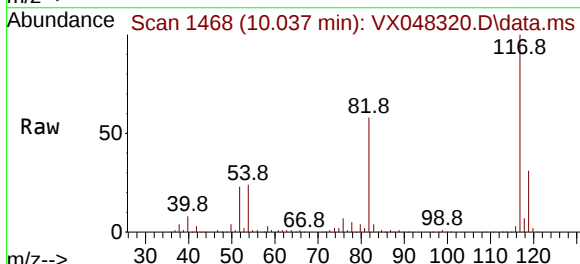
Instrument :  
MSVOA\_X  
ClientSampleId :  
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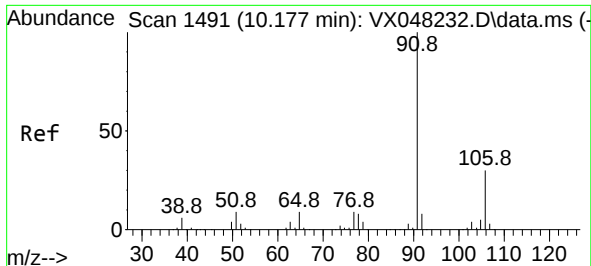
Tgt Ion: 95 Resp: 118306  
Ion Ratio Lower Upper  
95 100  
174 74.0 0.0 147.8  
176 70.7 0.0 142.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. -0.000 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

Tgt Ion: 117 Resp: 244134  
Ion Ratio Lower Upper  
117 100  
82 57.9 46.5 69.7  
119 30.8 25.9 38.9

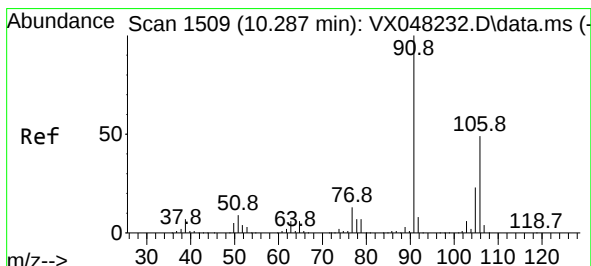
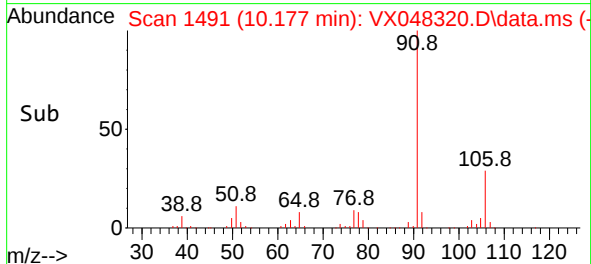
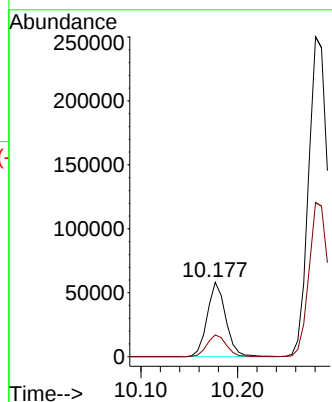
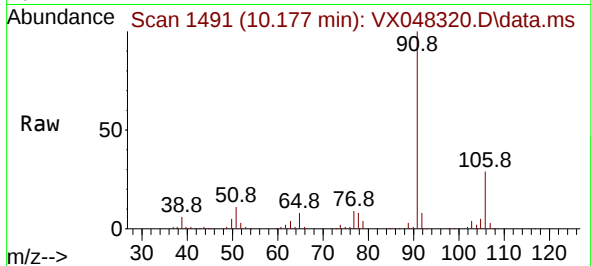




#67  
Ethyl Benzene  
Concen: 8.310 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

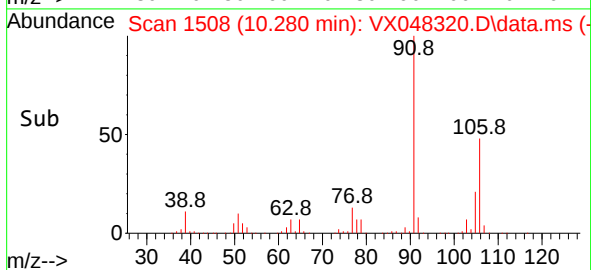
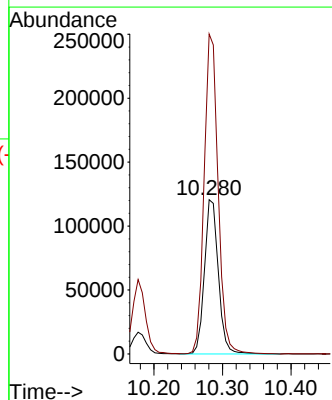
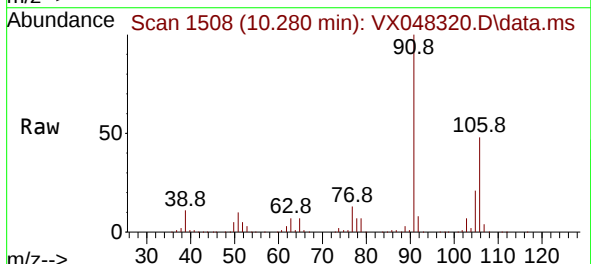
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-3

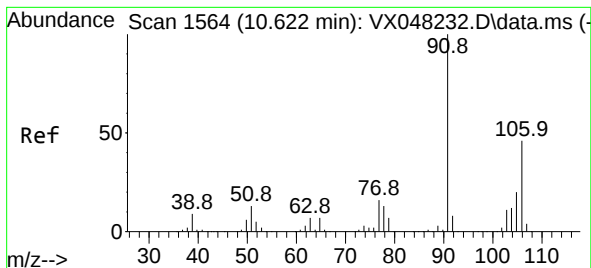
Tgt Ion: 91 Resp: 77697  
Ion Ratio Lower Upper  
91 100  
106 29.2 23.8 35.6



#68  
m/p-Xylenes  
Concen: 49.067 ug/l  
RT: 10.280 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VX048320.D  
Acq: 23 Oct 2025 13:22

Tgt Ion: 106 Resp: 170461  
Ion Ratio Lower Upper  
106 100  
91 208.3 167.9 251.9





#69

o-Xylene

Concen: 46.252 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

Instrument :

MSVOA\_X

ClientSampleId :

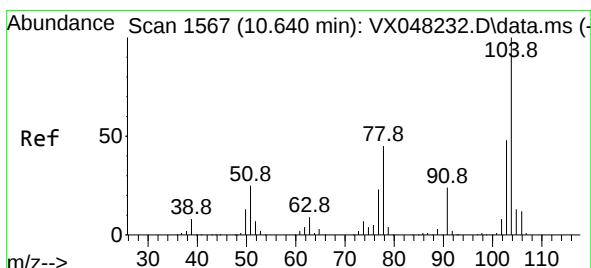
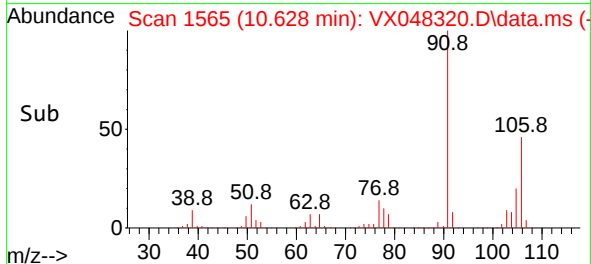
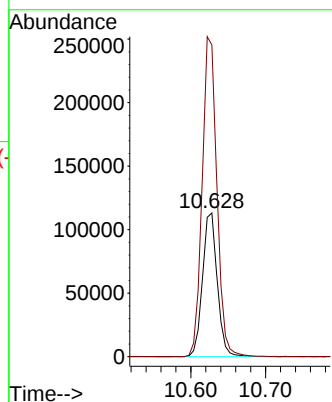
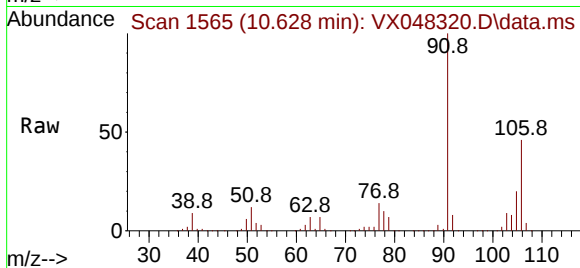
SB-3

Tgt Ion:106 Resp: 155130

Ion Ratio Lower Upper

106 100

91 222.6 111.3 333.9



#70

Styrene

Concen: 8.308 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

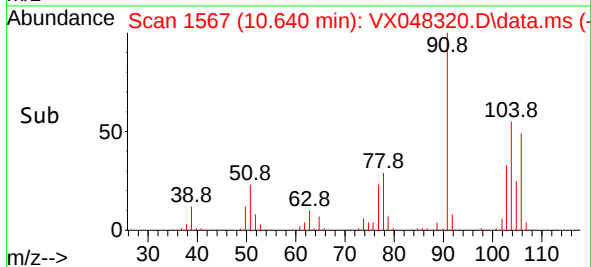
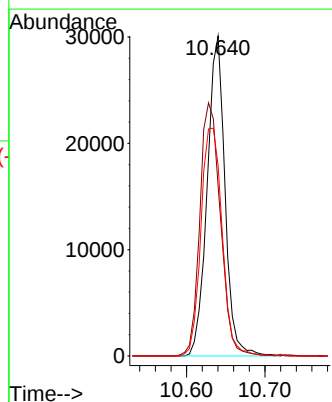
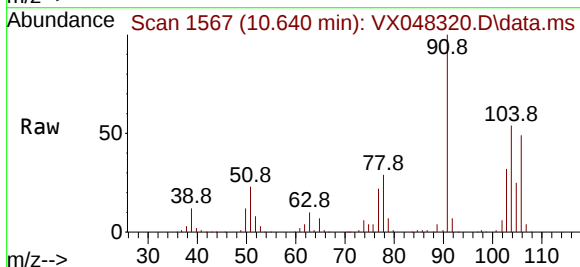
Tgt Ion:104 Resp: 47447

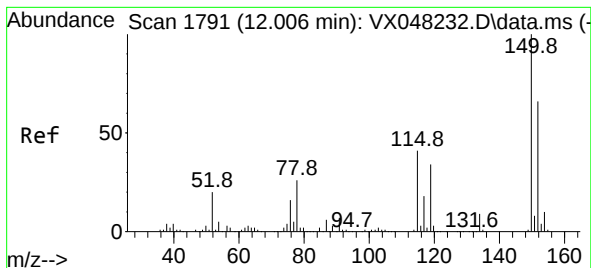
Ion Ratio Lower Upper

104 100

78 91.5 42.2 63.4#

103 84.9 43.0 64.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

Instrument :

MSVOA\_X

ClientSampleId :

SB-3

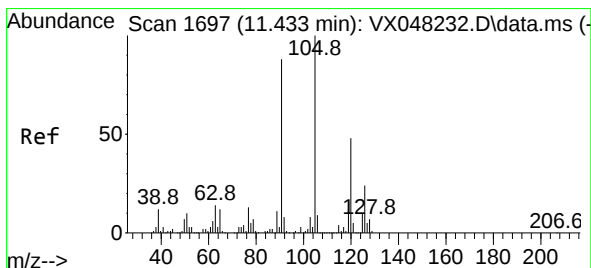
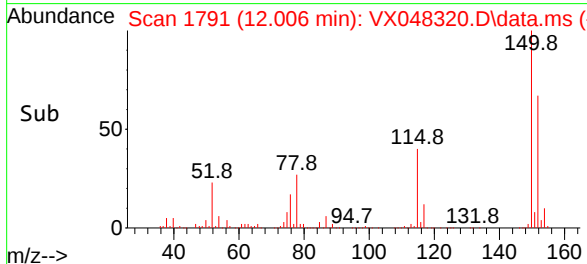
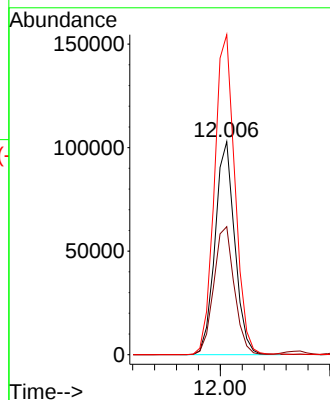
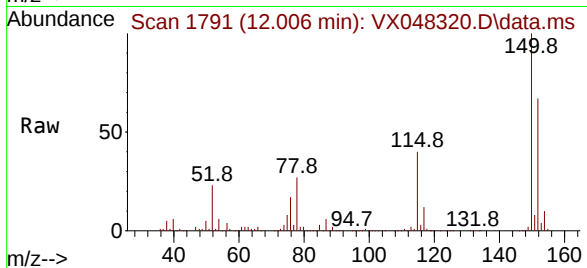
Tgt Ion:152 Resp: 128394

Ion Ratio Lower Upper

152 100

115 62.9 43.1 129.4

150 156.6 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 5.379 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048320.D

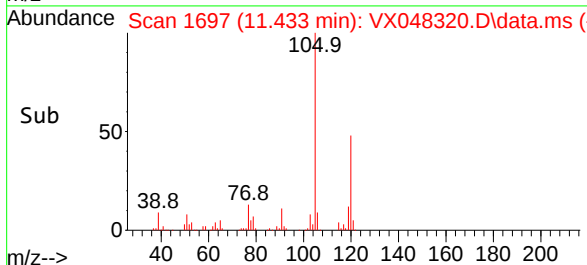
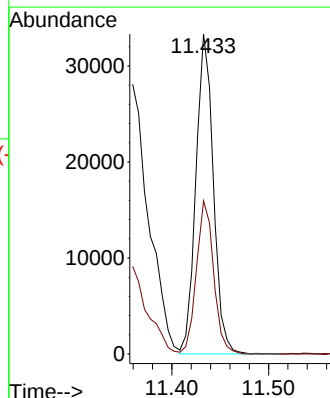
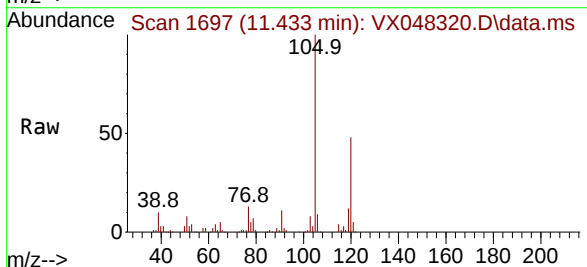
Acq: 23 Oct 2025 13:22

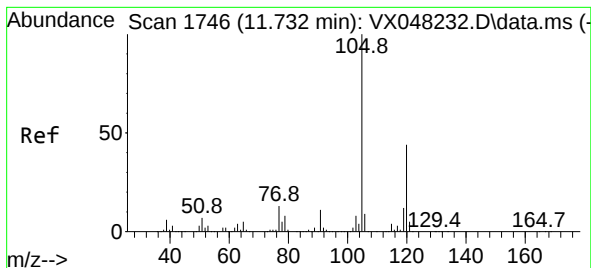
Tgt Ion:105 Resp: 41744

Ion Ratio Lower Upper

105 100

120 47.4 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 14.952 ug/l

RT: 11.731 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

Instrument :

MSVOA\_X

ClientSampleId :

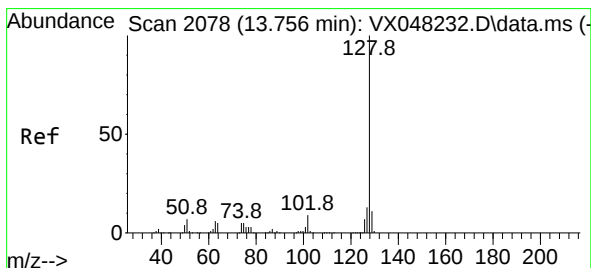
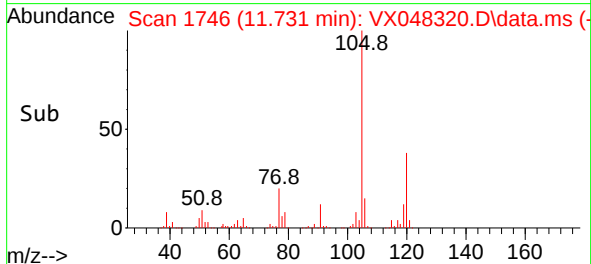
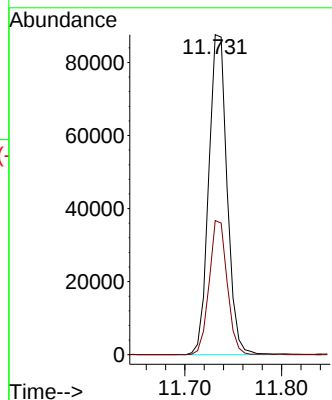
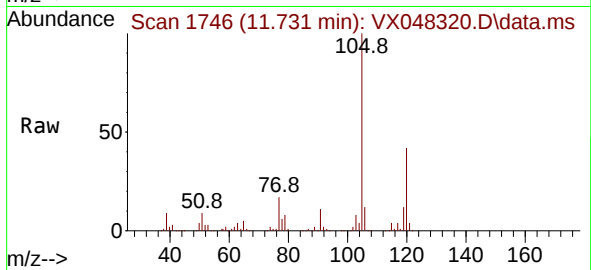
SB-3

Tgt Ion:105 Resp: 115805

Ion Ratio Lower Upper

105 100

120 41.2 22.1 66.5



#95

Naphthalene

Concen: 83.483 ug/l

RT: 13.755 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048320.D

Acq: 23 Oct 2025 13:22

Tgt Ion:128 Resp: 622517

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 12.8

