

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102725\  
 Data File : VX048366.D  
 Acq On : 27 Oct 2025 13:19  
 Operator : JC/MD  
 Sample : Q3446-08 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-21

Quant Time: Oct 28 01:52:52 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

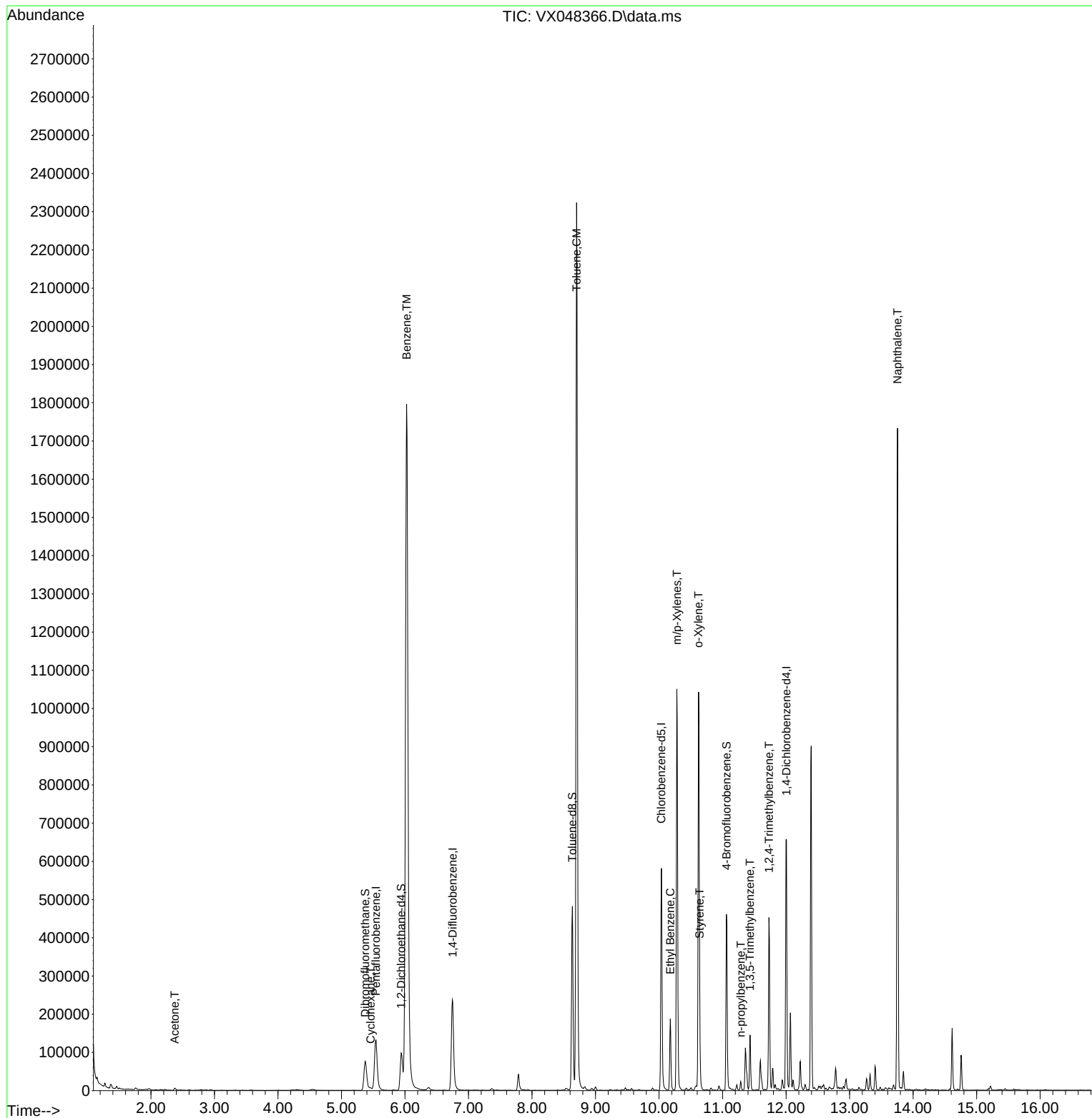
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                       |           |       |          |          |        |           |
| Internal Standards          |           |       |          |          |        |           |
| 1) Pentafluorobenzene       | 5.544     | 168   | 132366   | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.751     | 114   | 259618   | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.037    | 117   | 265419   | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.006    | 152   | 139316   | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.940     | 65    | 109346   | 58.919   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 117.840%# |
| 35) Dibromofluoromethane    | 5.373     | 113   | 73791    | 41.633   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 83.260%   |
| 50) Toluene-d8              | 8.635     | 98    | 296514   | 47.729   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 95.460%   |
| 62) 4-Bromofluorobenzene    | 11.061    | 95    | 129952   | 54.985   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 109.980%  |
| Target Compounds            |           |       |          |          |        |           |
|                             |           |       |          |          |        | Qvalue    |
| 16) Acetone                 | 2.374     | 43    | 7459     | 11.716   | ug/l   | 97        |
| 31) Cyclohexane             | 5.458     | 56    | 2883     | 1.251    | ug/l   | 95        |
| 40) Benzene                 | 6.025     | 78    | 2291025  | 313.241  | ug/l   | 99        |
| 52) Toluene                 | 8.702     | 92    | 911809   | 196.239  | ug/l   | 100       |
| 67) Ethyl Benzene           | 10.177    | 91    | 108863   | 10.709   | ug/l   | 100       |
| 68) m/p-Xylenes             | 10.281    | 106   | 246178   | 65.179   | ug/l   | 100       |
| 69) o-Xylene                | 10.622    | 106   | 219040   | 60.070   | ug/l   | 99        |
| 70) Styrene                 | 10.640    | 104   | 47510    | 7.652    | ug/l # | 29        |
| 78) n-propylbenzene         | 11.287    | 91    | 13557    | 1.151    | ug/l   | 98        |
| 80) 1,3,5-Trimethylbenzene  | 11.433    | 105   | 62742    | 7.451    | ug/l   | 98        |
| 84) 1,2,4-Trimethylbenzene  | 11.732    | 105   | 189474   | 22.546   | ug/l   | 96        |
| 95) Naphthalene             | 13.756    | 128   | 1018108  | 125.830  | ug/l   | 100       |
| -----                       |           |       |          |          |        |           |

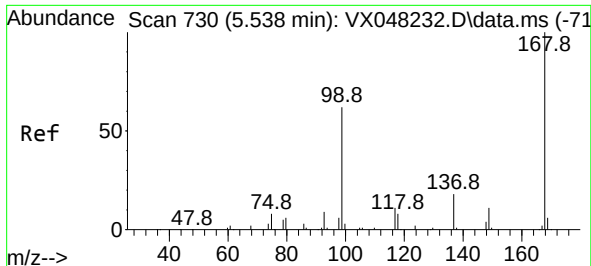
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102725\  
Data File : VX048366.D  
Acq On : 27 Oct 2025 13:19  
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Sample : Q3446-08 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-21

Quant Time: Oct 28 01:52:52 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

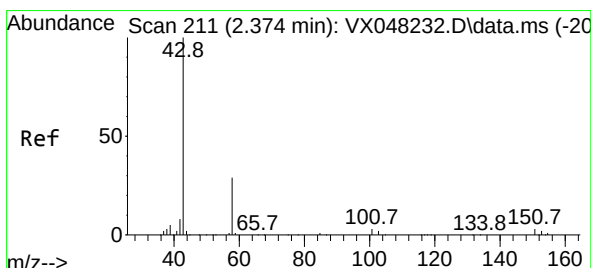
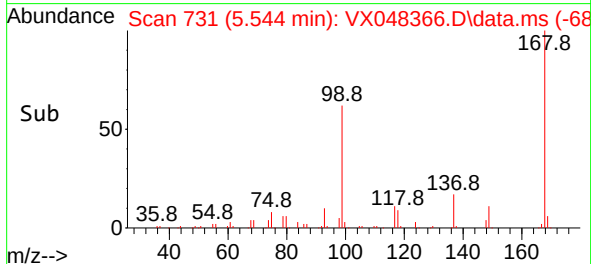
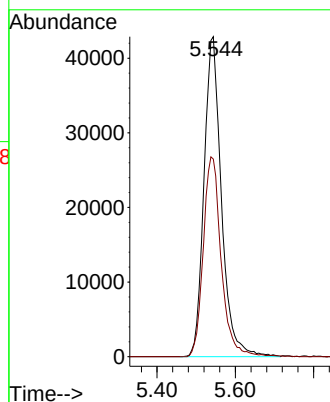
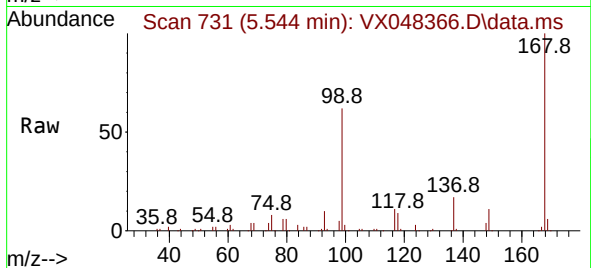




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

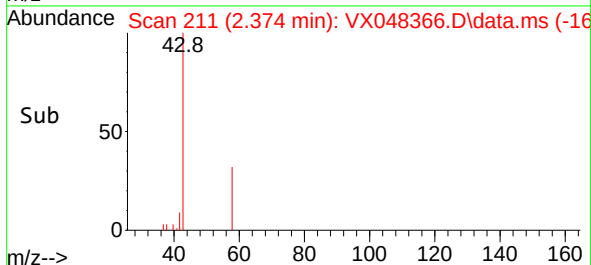
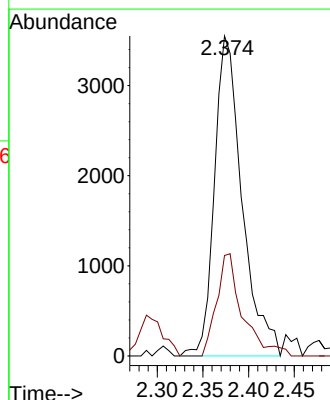
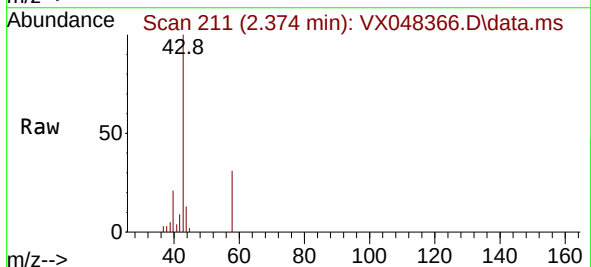
Instrument :  
MSVOA\_X  
ClientSampleId :  
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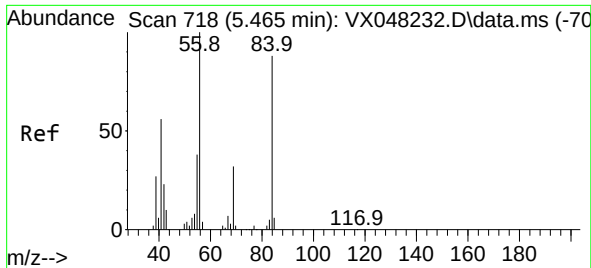
Tgt Ion:168 Resp: 132366  
Ion Ratio Lower Upper  
168 100  
99 61.8 46.4 69.6



#16  
Acetone  
Concen: 11.716 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion: 43 Resp: 7459  
Ion Ratio Lower Upper  
43 100  
58 27.8 23.4 35.2

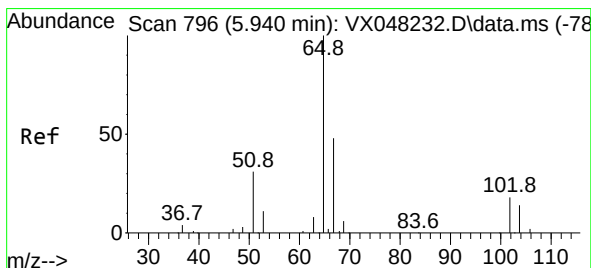
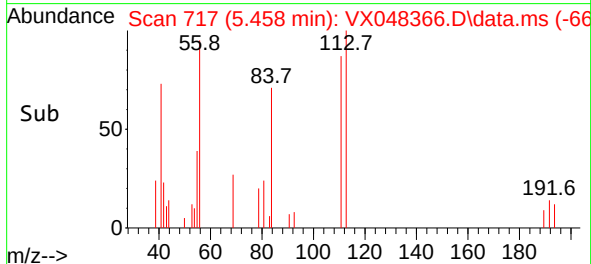
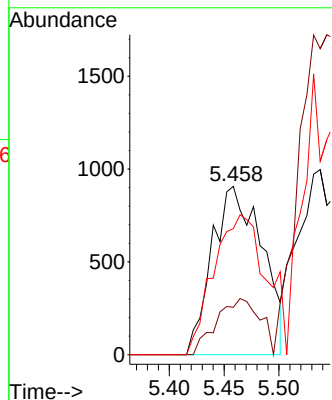
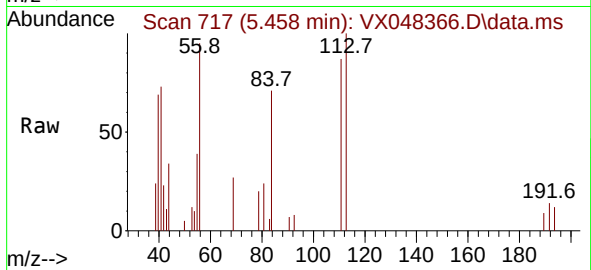




#31  
Cyclohexane  
Concen: 1.251 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

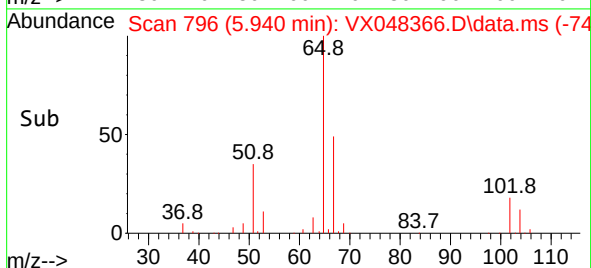
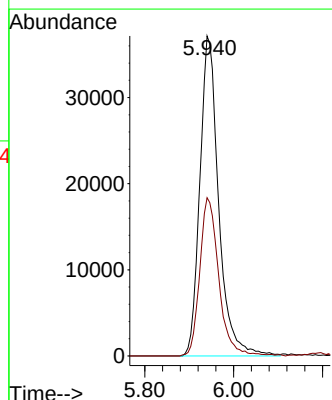
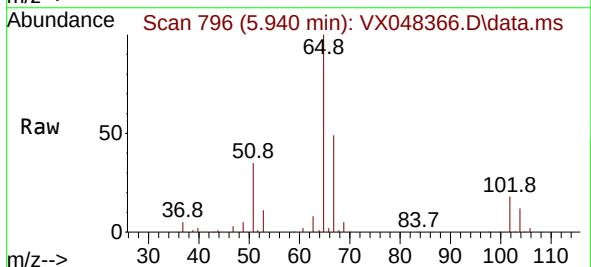
Instrument :  
MSVOA\_X  
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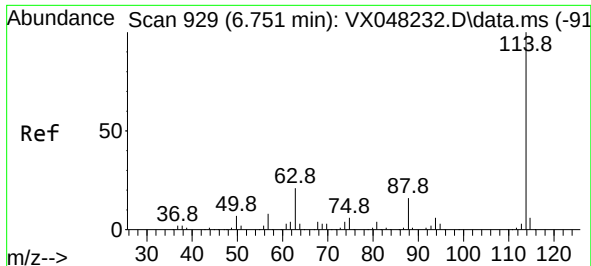
Tgt Ion: 56 Resp: 2883  
Ion Ratio Lower Upper  
56 100  
69 28.1 23.0 34.6  
84 74.9 64.6 97.0



#33  
1,2-Dichloroethane-d4  
Concen: 58.919 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion: 65 Resp: 109346  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 105.0

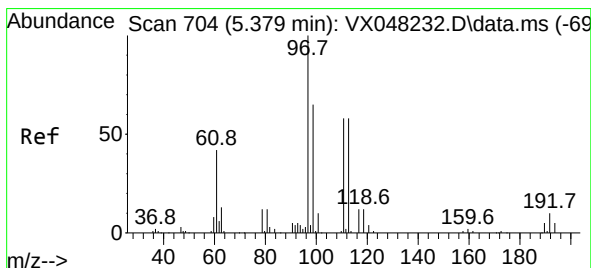
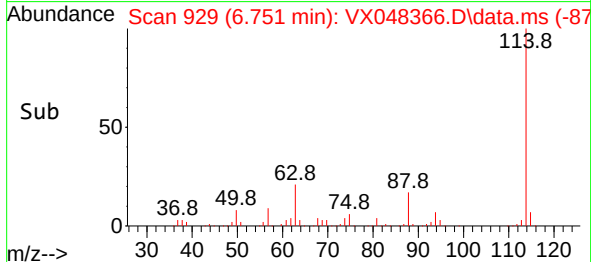
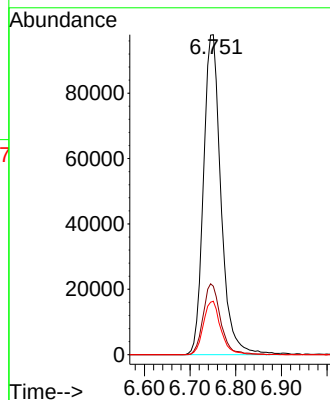
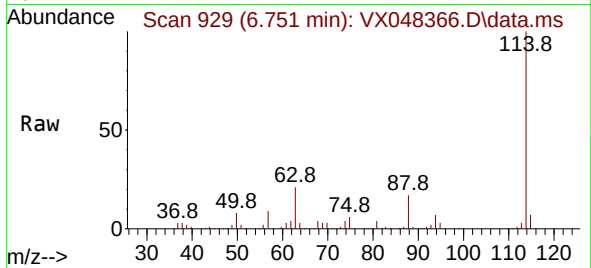




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

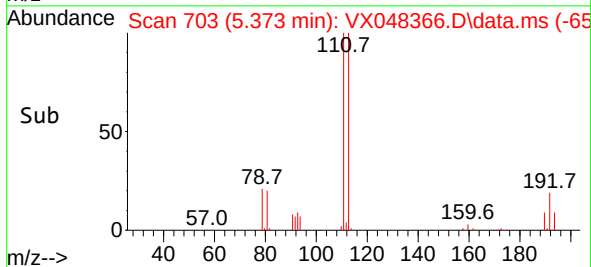
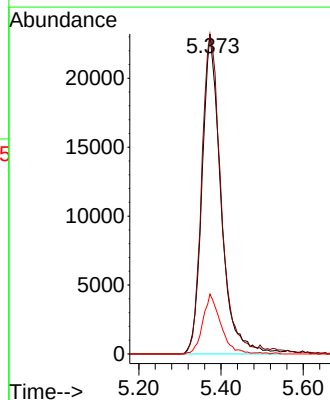
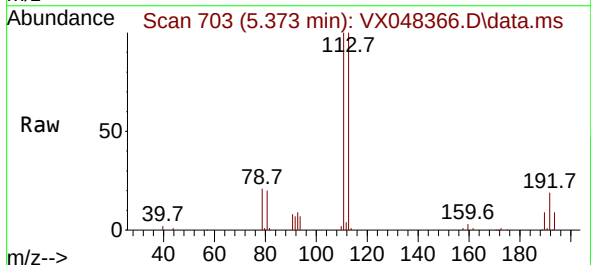
Instrument :  
MSVOA\_X  
ClientSampleId :  
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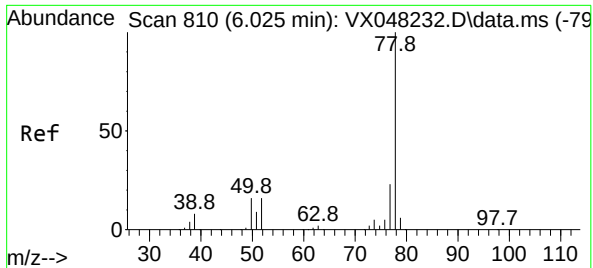
Tgt Ion:114 Resp: 259618  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 43.2  
88 16.7 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 41.633 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion:113 Resp: 73791  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.2 123.4  
192 17.7 15.1 22.7

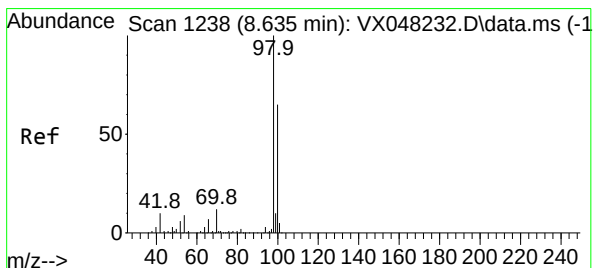
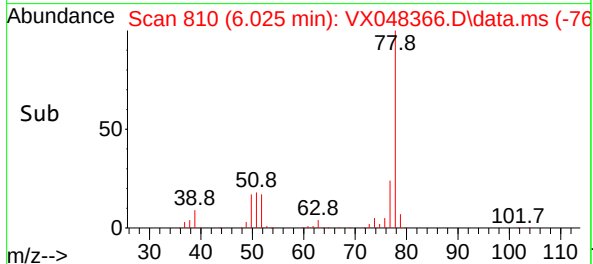
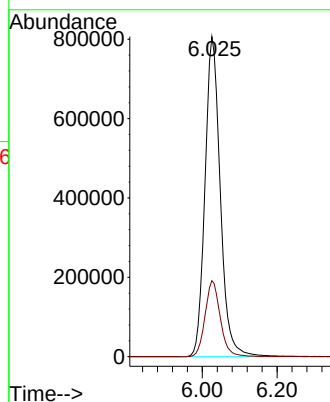
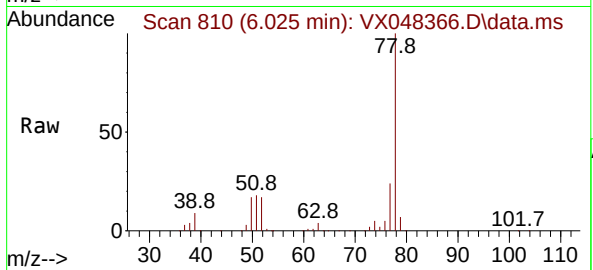




#40  
Benzene  
Concen: 313.241 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

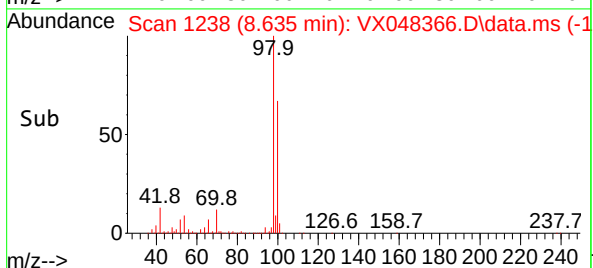
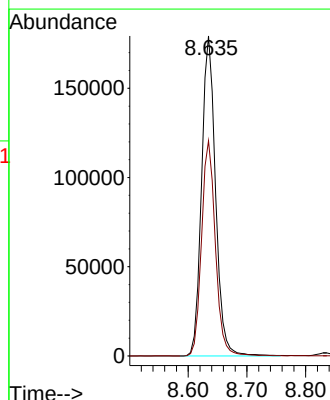
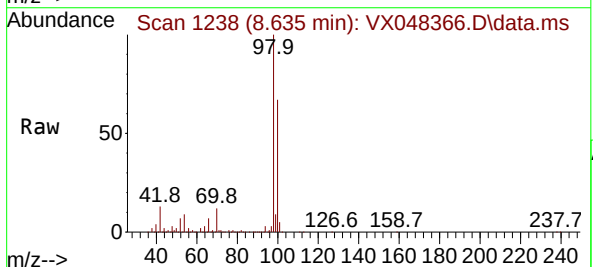
Instrument :  
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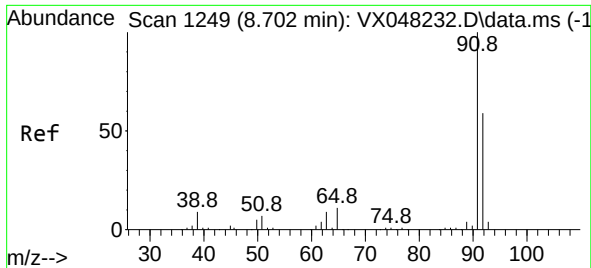
Tgt Ion: 78 Resp: 2291025  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9



#50  
Toluene-d8  
Concen: 47.729 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion: 98 Resp: 296514  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.0 79.4

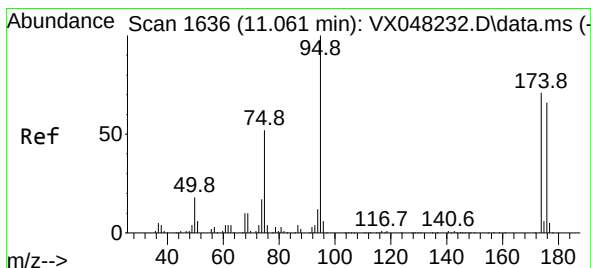
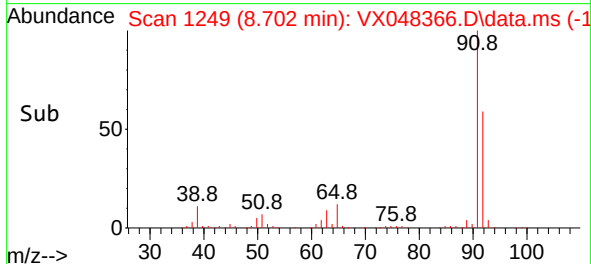
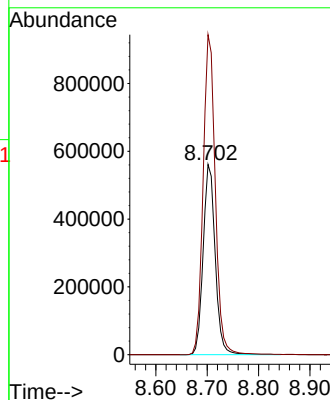
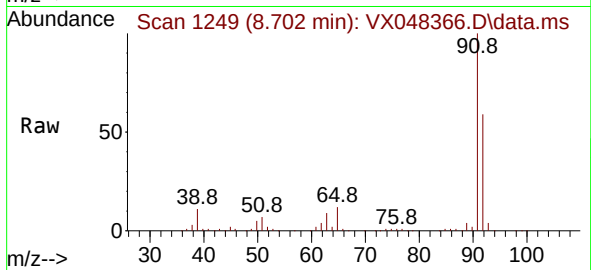




#52  
Toluene  
Concen: 196.239 ug/l  
RT: 8.702 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

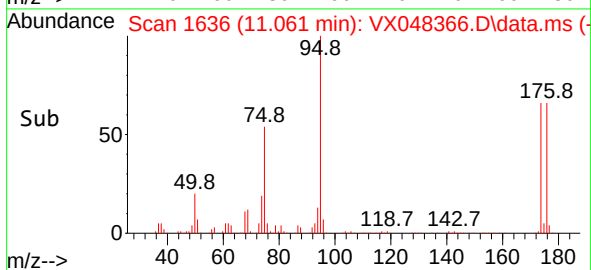
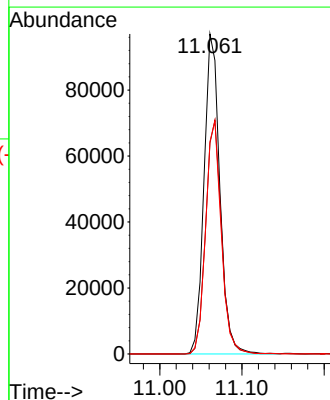
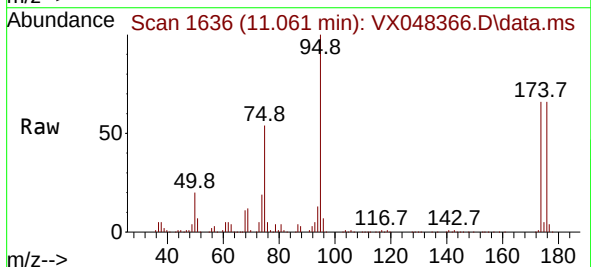
Instrument :  
MSVOA\_X  
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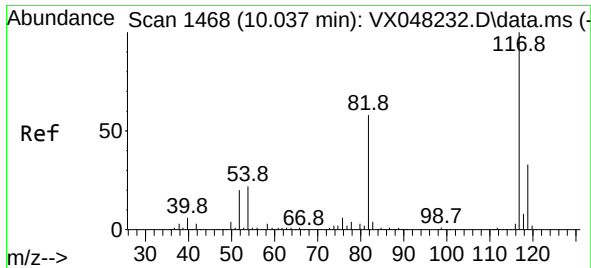
Tgt Ion: 92 Resp: 911809  
Ion Ratio Lower Upper  
92 100  
91 169.7 136.1 204.1



#62  
4-Bromofluorobenzene  
Concen: 54.985 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion: 95 Resp: 129952  
Ion Ratio Lower Upper  
95 100  
174 73.1 0.0 147.8  
176 72.0 0.0 142.8

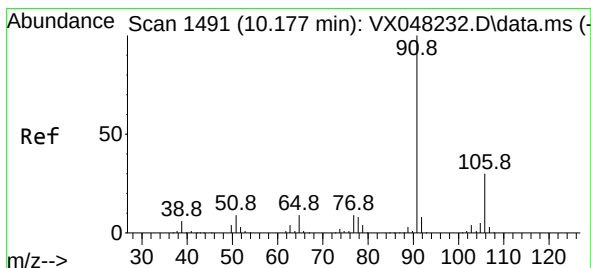
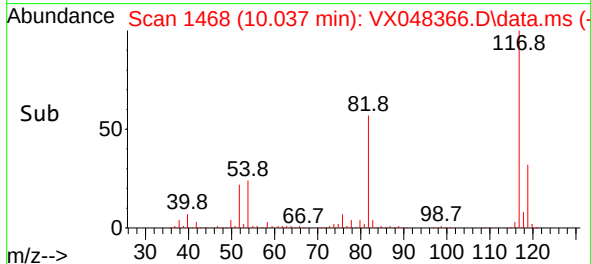
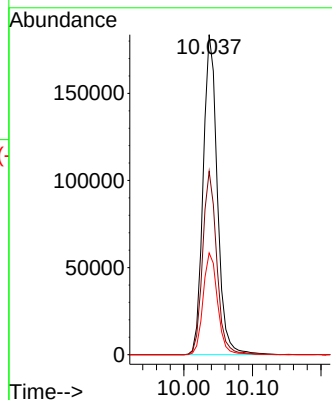
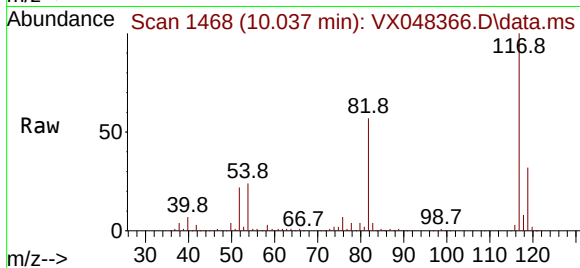




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

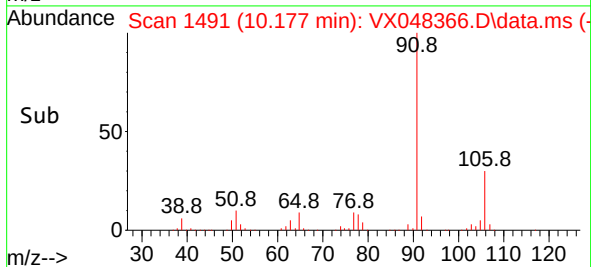
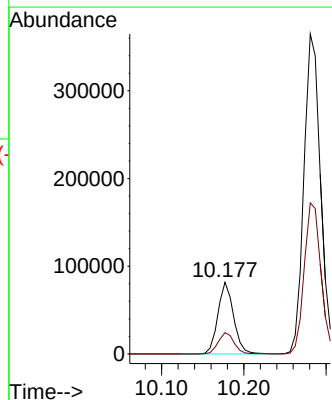
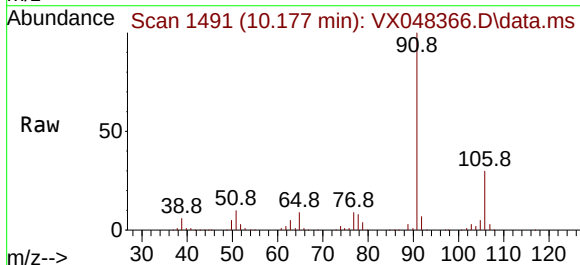
Instrument :  
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Tgt Ion:117 Resp: 265419  
Ion Ratio Lower Upper  
117 100  
82 57.3 46.5 69.7  
119 31.8 25.9 38.9

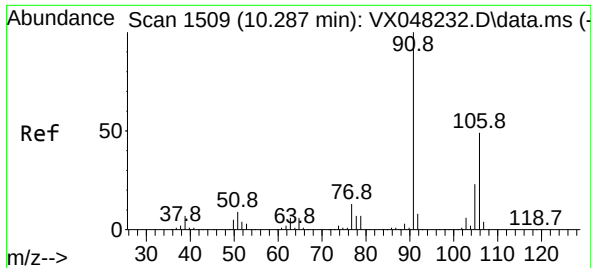


#67  
Ethyl Benzene  
Concen: 10.709 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion: 91 Resp: 108863  
Ion Ratio Lower Upper  
91 100  
106 29.8 23.8 35.6



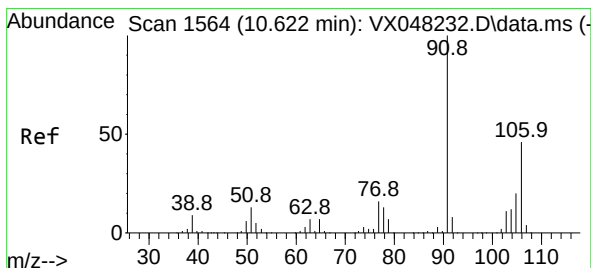
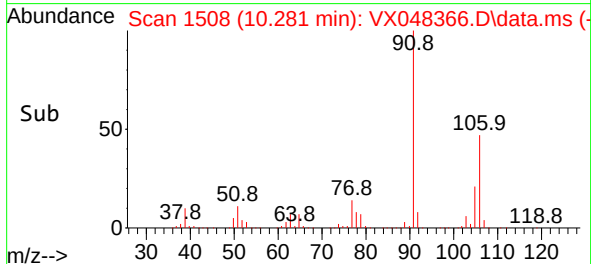
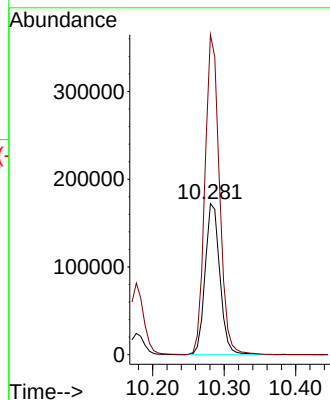
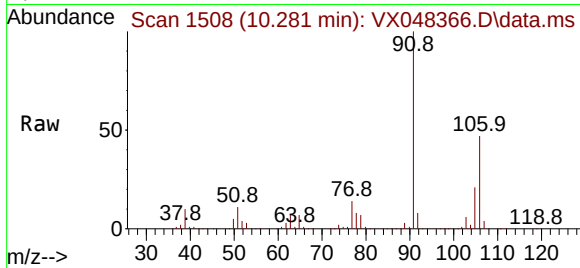




#68  
m/p-Xylenes  
Concen: 65.179 ug/l  
RT: 10.281 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

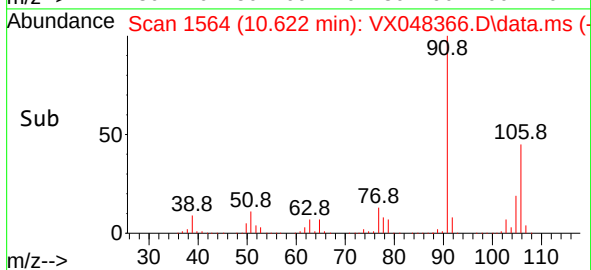
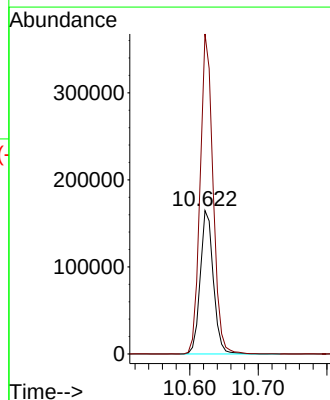
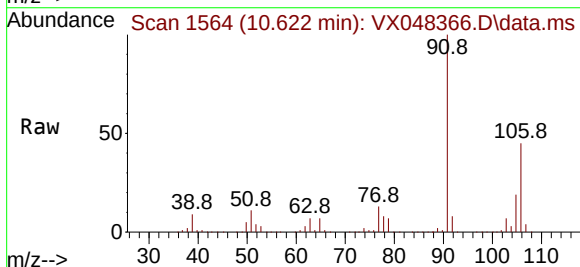
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MSVOA\_X  
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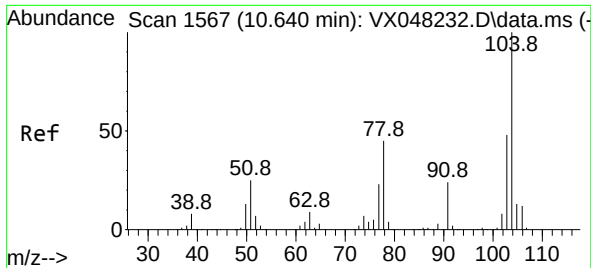
Tgt Ion:106 Resp: 246178  
Ion Ratio Lower Upper  
106 100  
91 209.6 167.9 251.9



#69  
o-Xylene  
Concen: 60.070 ug/l  
RT: 10.622 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion:106 Resp: 219040  
Ion Ratio Lower Upper  
106 100  
91 220.8 111.3 333.9

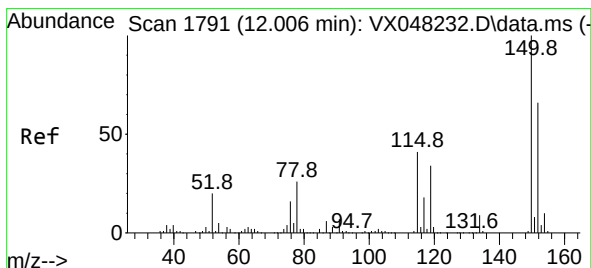
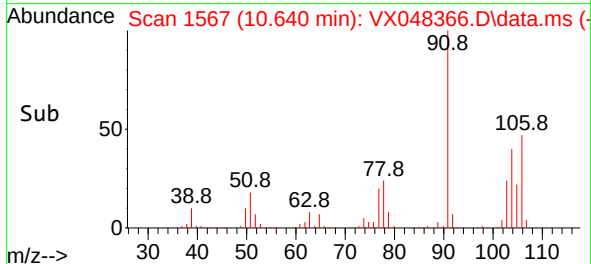
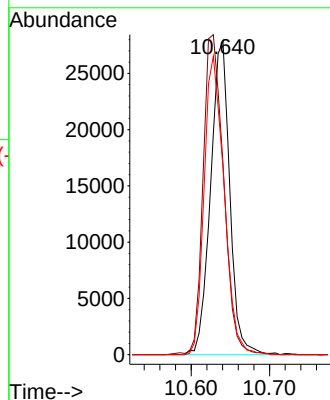
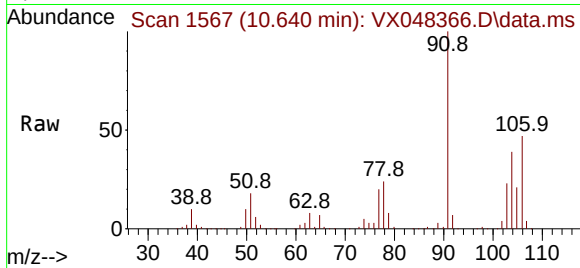




#70  
Styrene  
Concen: 7.652 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

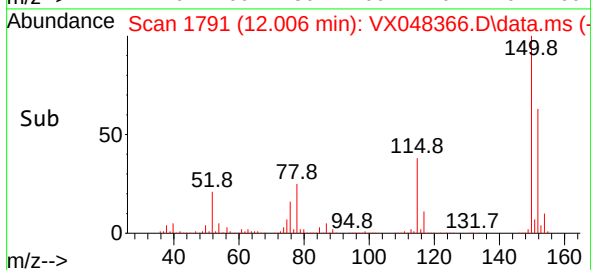
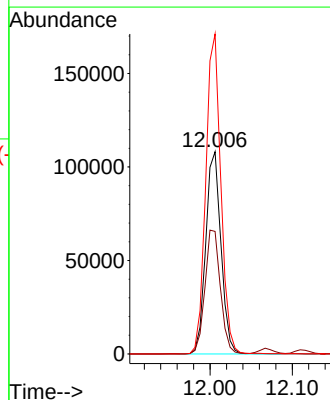
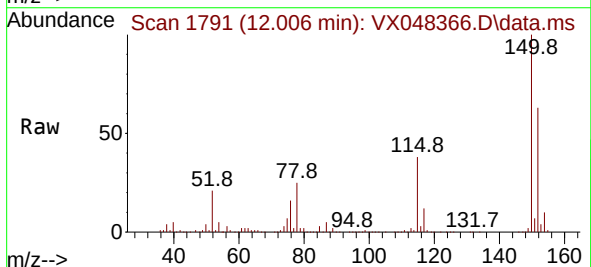
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-21

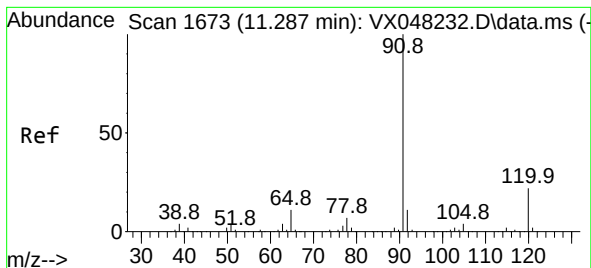
Tgt Ion:104 Resp: 47510  
Ion Ratio Lower Upper  
104 100  
78 108.2 42.2 63.4#  
103 98.7 43.0 64.4#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion:152 Resp: 139316  
Ion Ratio Lower Upper  
152 100  
115 62.0 43.1 129.4  
150 156.4 0.0 353.0





#78

n-propylbenzene

Concen: 1.151 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048366.D

Acq: 27 Oct 2025 13:19

Instrument :

MSVOA\_X

ClientSampleId :

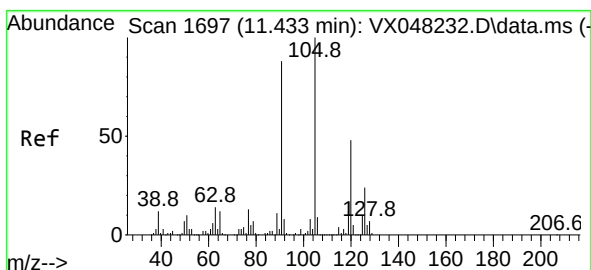
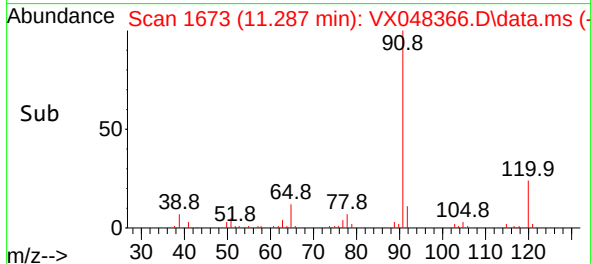
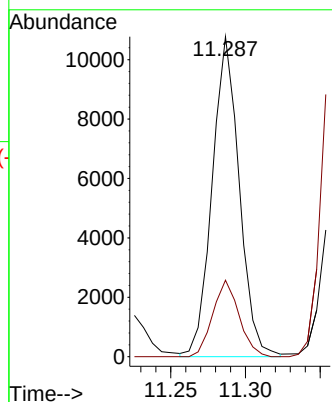
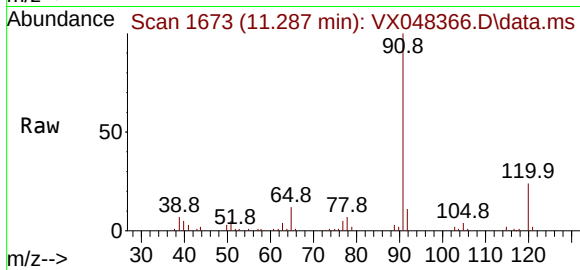
SB-21

Tgt Ion: 91 Resp: 13557

Ion Ratio Lower Upper

91 100

120 23.2 11.1 33.1



#80

1,3,5-Trimethylbenzene

Concen: 7.451 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048366.D

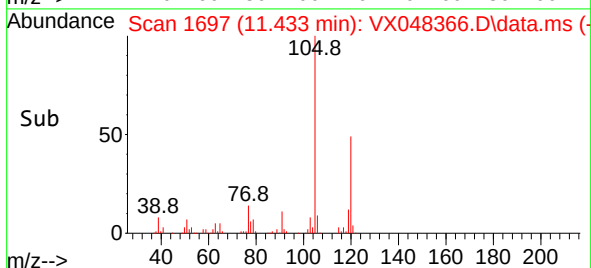
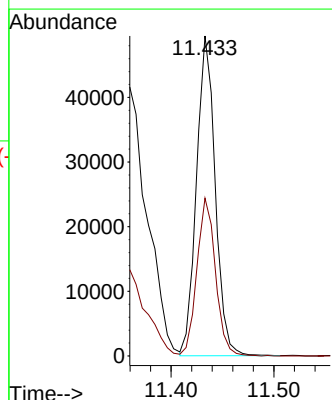
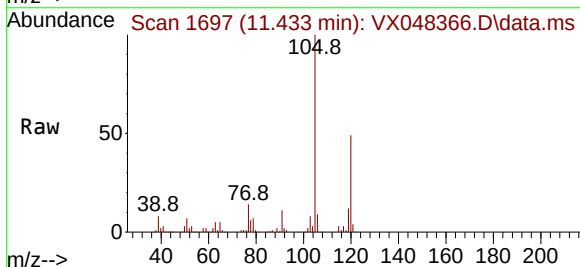
Acq: 27 Oct 2025 13:19

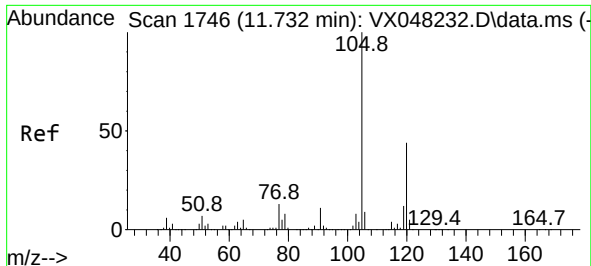
Tgt Ion: 105 Resp: 62742

Ion Ratio Lower Upper

105 100

120 49.0 24.0 72.0

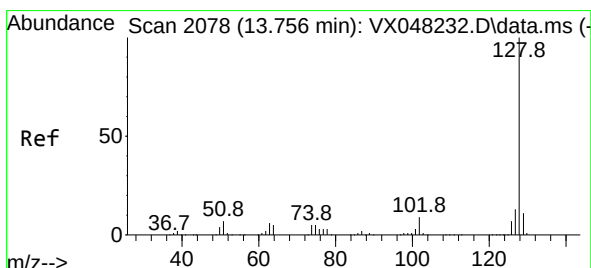
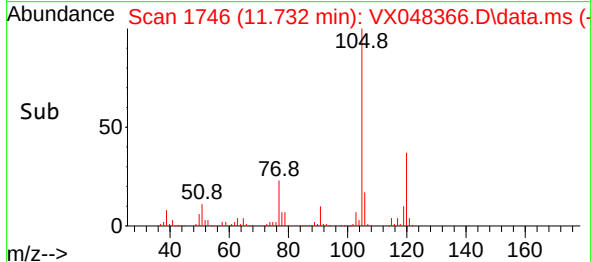
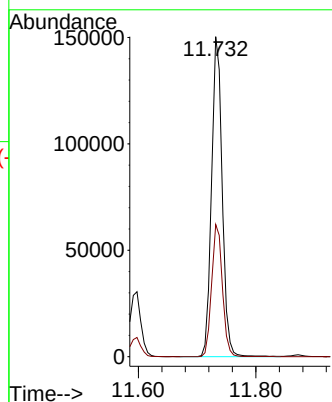
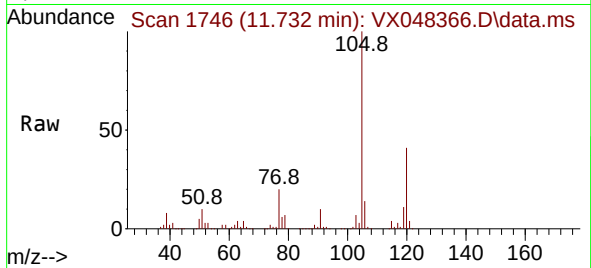




#84  
1,2,4-Trimethylbenzene  
Concen: 22.546 ug/l  
RT: 11.732 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-21

Tgt Ion:105 Resp: 189474  
Ion Ratio Lower Upper  
105 100  
120 41.7 22.1 66.5



#95  
Naphthalene  
Concen: 125.830 ug/l  
RT: 13.756 min Scan# 2078  
Delta R.T. 0.000 min  
Lab File: VX048366.D  
Acq: 27 Oct 2025 13:19

Tgt Ion:128 Resp: 1018108  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 10.8 8.6 12.8

