

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102725\  
 Data File : VX048365.D  
 Acq On : 27 Oct 2025 12:58  
 Operator : JC/MD  
 Sample : Q3446-07 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-20

Quant Time: Oct 28 01:52:22 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

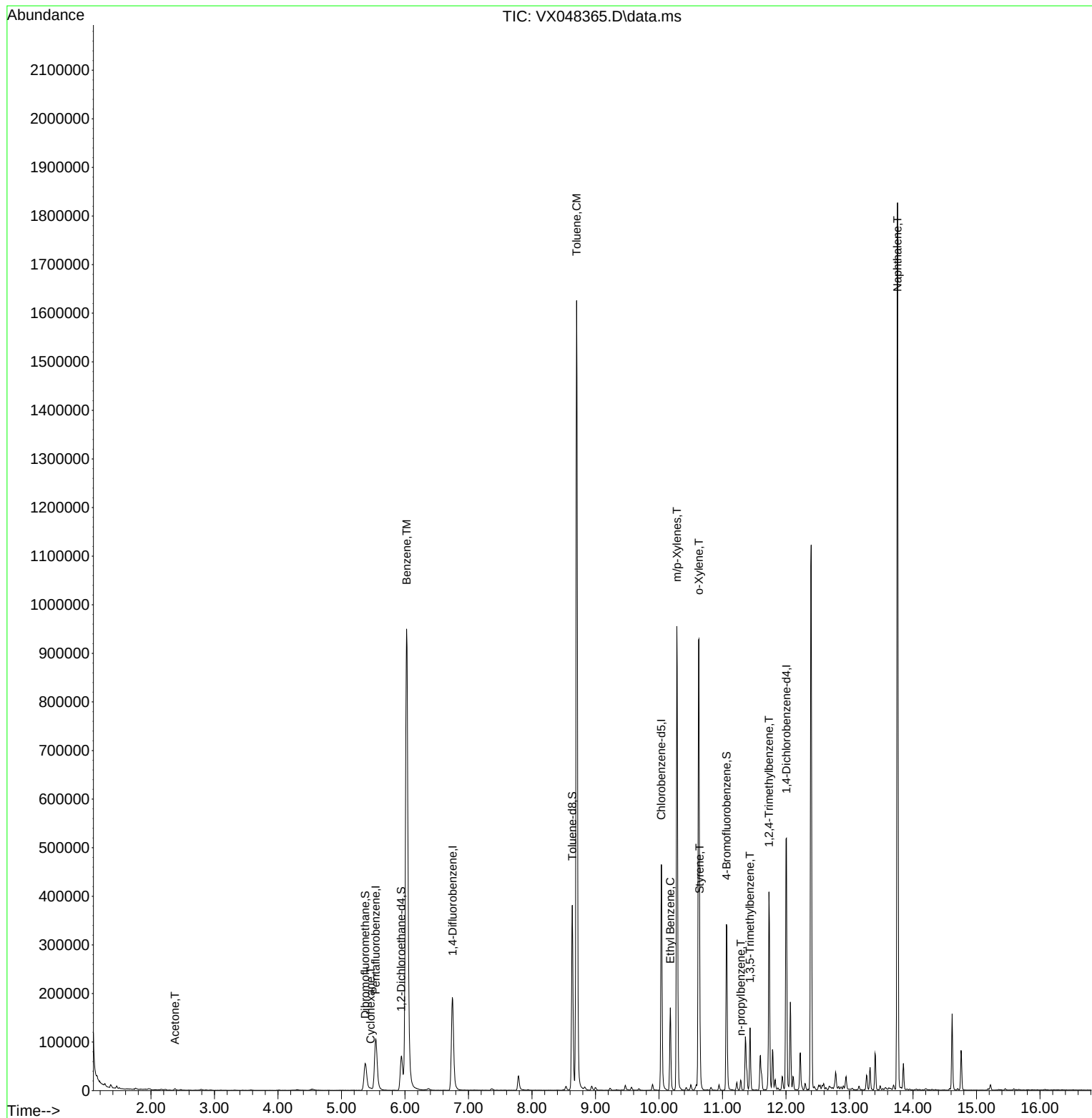
| Compound                    | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                       |                |      |                     |         |        |          |
| Internal Standards          |                |      |                     |         |        |          |
| 1) Pentafluorobenzene       | 5.538          | 168  | 104343              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.751          | 114  | 208804              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.037         | 117  | 211858              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006         | 152  | 110440              | 50.000  | ug/l   | 0.00     |
|                             |                |      |                     |         |        |          |
| System Monitoring Compounds |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.940          | 65   | 77219               | 52.783  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 105.560% |         |        |          |
| 35) Dibromofluoromethane    | 5.373          | 113  | 54591               | 38.296  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 76.600%  |         |        |          |
| 50) Toluene-d8              | 8.635          | 98   | 224804              | 44.992  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 89.980%# |         |        |          |
| 62) 4-Bromofluorobenzene    | 11.061         | 95   | 99617               | 52.408  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 104.820% |         |        |          |
|                             |                |      |                     |         |        |          |
| Target Compounds            |                |      |                     |         |        |          |
|                             |                |      |                     |         | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 3910                | 7.791   | ug/l # | 88       |
| 31) Cyclohexane             | 5.458          | 56   | 1869                | 1.029   | ug/l   | 99       |
| 40) Benzene                 | 6.025          | 78   | 1222337             | 207.796 | ug/l   | 100      |
| 52) Toluene                 | 8.702          | 92   | 628236              | 168.112 | ug/l   | 100      |
| 67) Ethyl Benzene           | 10.177         | 91   | 97667               | 12.037  | ug/l   | 100      |
| 68) m/p-Xylenes             | 10.281         | 106  | 214059              | 71.003  | ug/l   | 99       |
| 69) o-Xylene                | 10.628         | 106  | 195498              | 67.168  | ug/l   | 99       |
| 70) Styrene                 | 10.640         | 104  | 67359               | 13.591  | ug/l # | 58       |
| 78) n-propylbenzene         | 11.287         | 91   | 13393               | 1.434   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene  | 11.433         | 105  | 54724               | 8.198   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.732         | 105  | 170965              | 25.663  | ug/l   | 96       |
| 95) Naphthalene             | 13.756         | 128  | 1043118             | 162.629 | ug/l   | 99       |
| -----                       |                |      |                     |         |        |          |

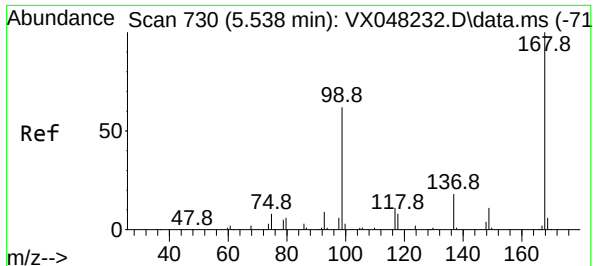
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102725\  
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Sample : Q3446-07 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-20

Quant Time: Oct 28 01:52:22 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

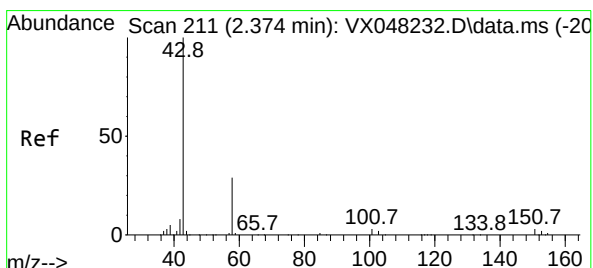
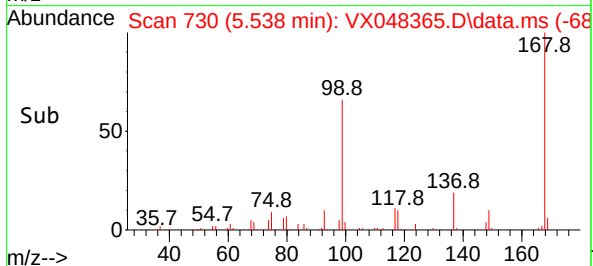
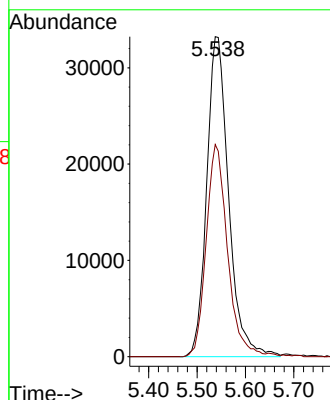
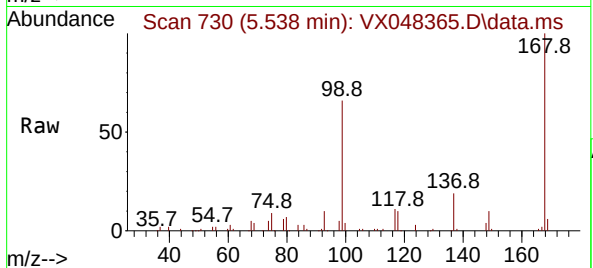




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

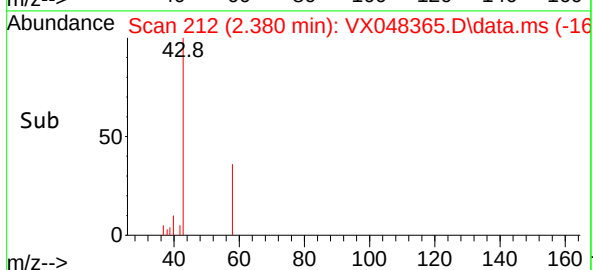
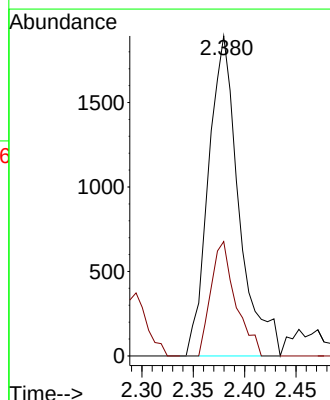
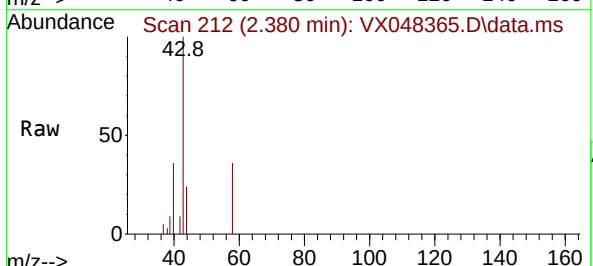
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-20

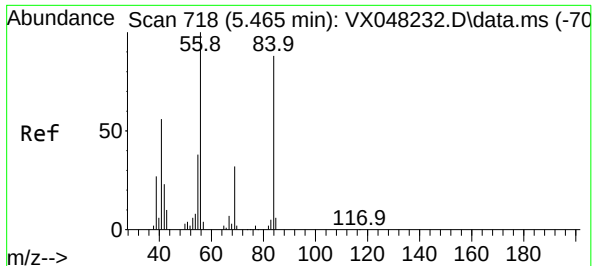
Tgt Ion:168 Resp: 104343  
Ion Ratio Lower Upper  
168 100  
99 66.3 46.4 69.6



#16  
Acetone  
Concen: 7.791 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion: 43 Resp: 3910  
Ion Ratio Lower Upper  
43 100  
58 35.7 23.4 35.2#

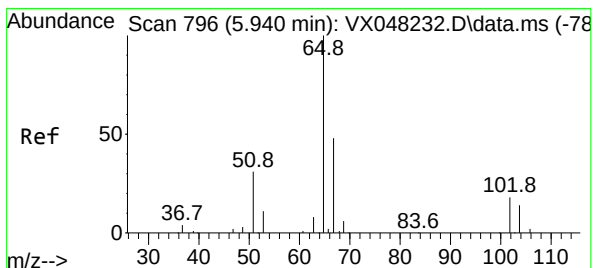
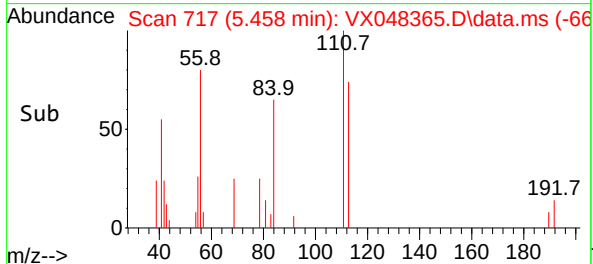
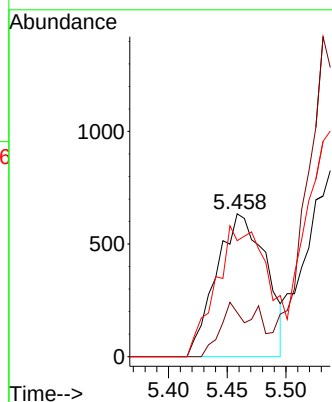
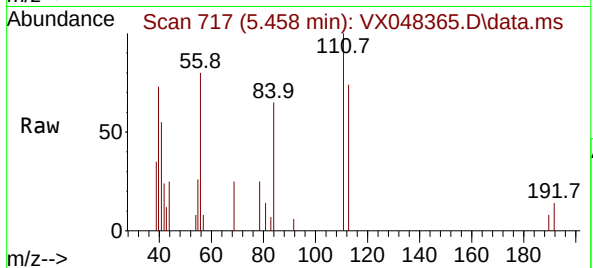




#31  
Cyclohexane  
Concen: 1.029 ug/l  
RT: 5.458 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

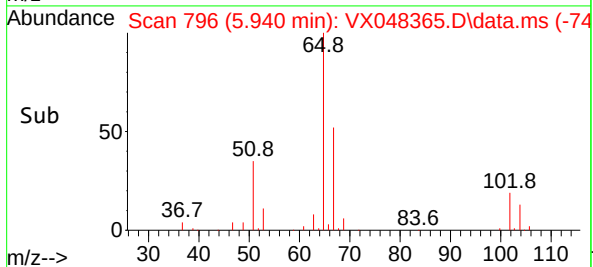
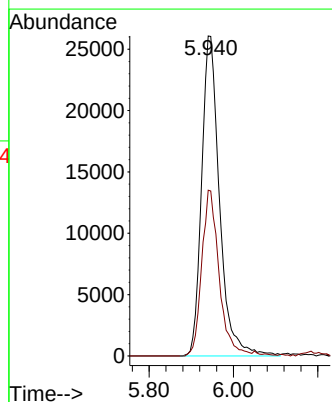
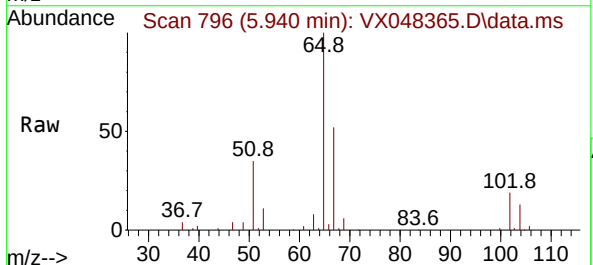
Instrument :  
MSVOA\_X  
ClientSampleId :  
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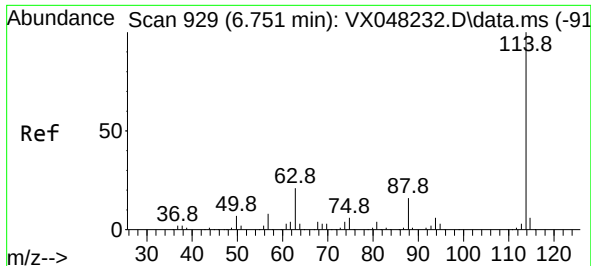
Tgt Ion: 56 Resp: 1869  
Ion Ratio Lower Upper  
56 100  
69 30.9 23.0 34.6  
84 81.2 64.6 97.0



#33  
1,2-Dichloroethane-d4  
Concen: 52.783 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion: 65 Resp: 77219  
Ion Ratio Lower Upper  
65 100  
67 50.0 0.0 105.0

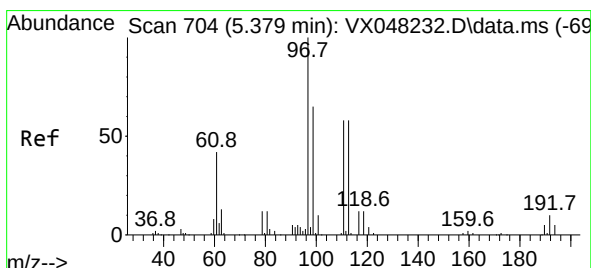
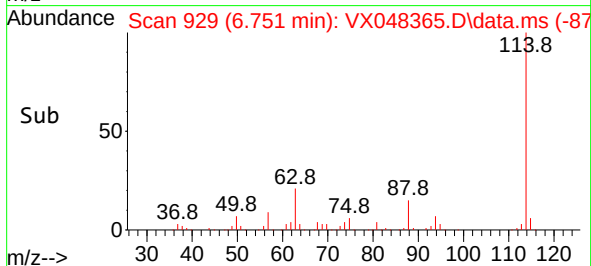
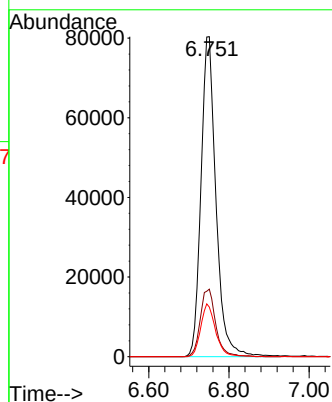
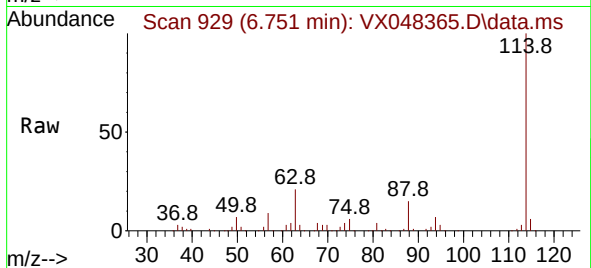




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

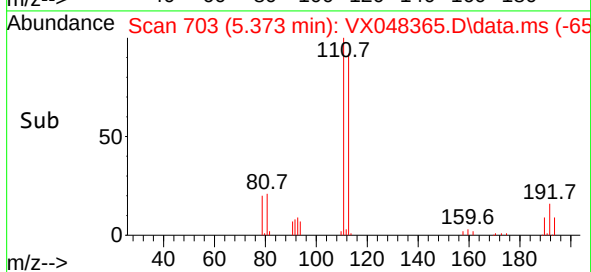
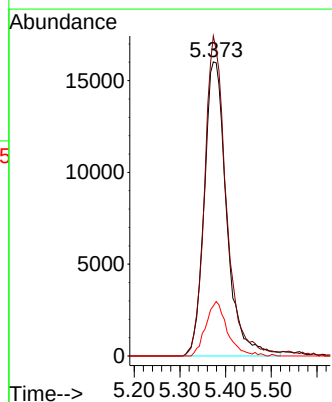
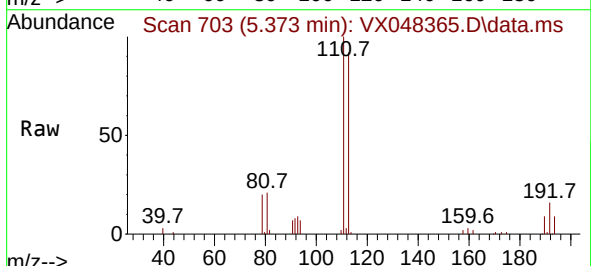
Instrument :  
MSVOA\_X  
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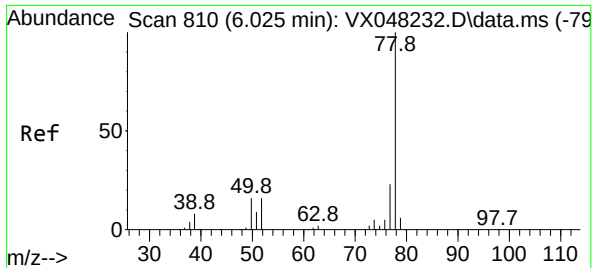
Tgt Ion:114 Resp: 208804  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 43.2  
88 15.5 0.0 33.6



#35  
Dibromofluoromethane  
Concen: 38.296 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion:113 Resp: 54591  
Ion Ratio Lower Upper  
113 100  
111 104.6 82.2 123.4  
192 17.5 15.1 22.7

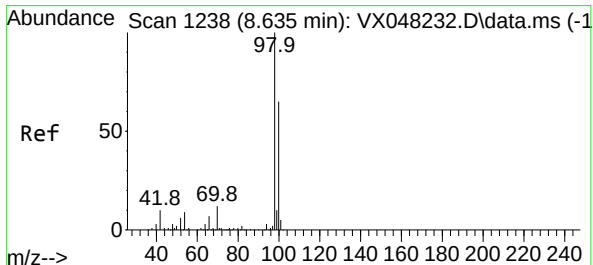
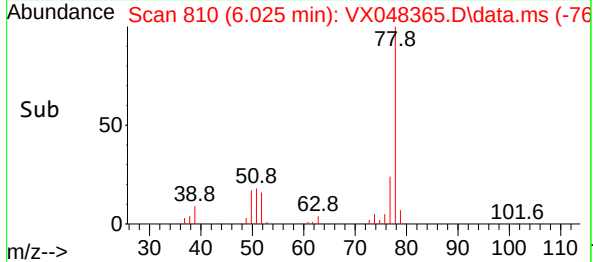
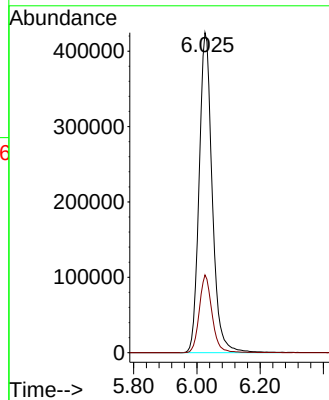
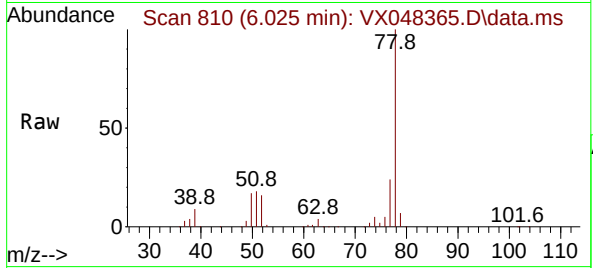




#40  
Benzene  
Concen: 207.796 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

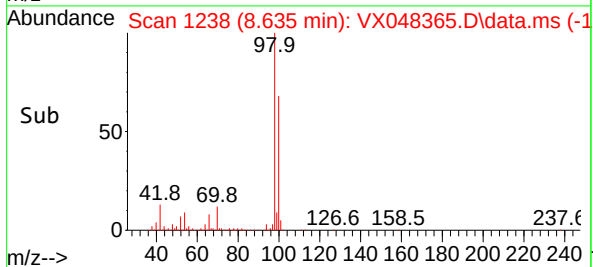
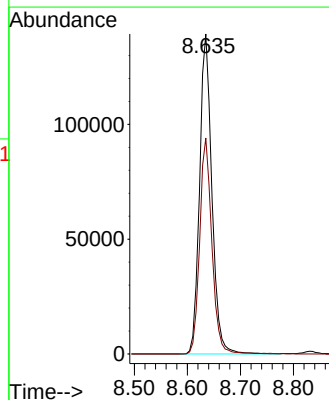
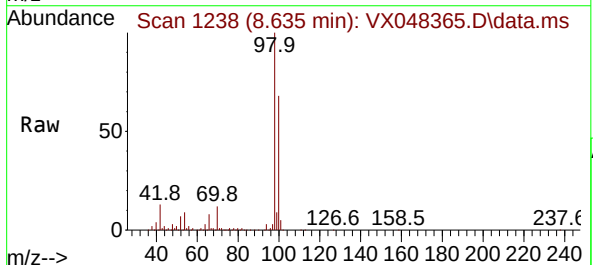
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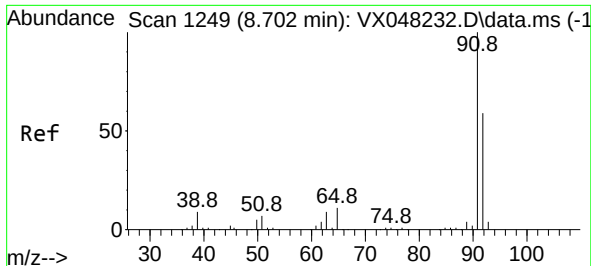
Tgt Ion: 78 Resp: 1222337  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.3 28.9



#50  
Toluene-d8  
Concen: 44.992 ug/l  
RT: 8.635 min Scan# 1238  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion: 98 Resp: 224804  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.0 79.4

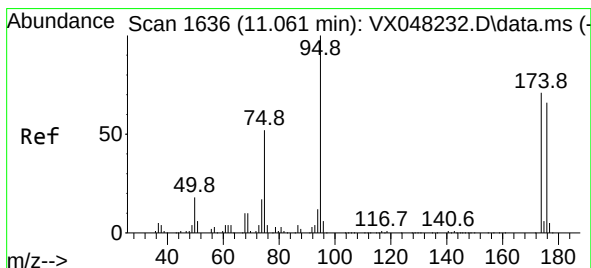
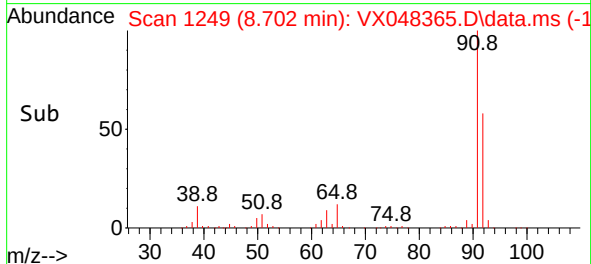
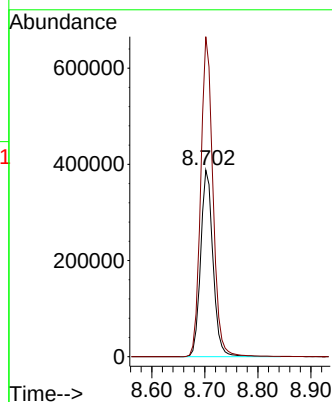
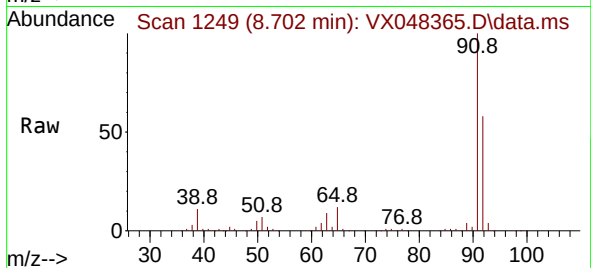




#52  
Toluene  
Concen: 168.112 ug/l  
RT: 8.702 min Scan# 1249  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

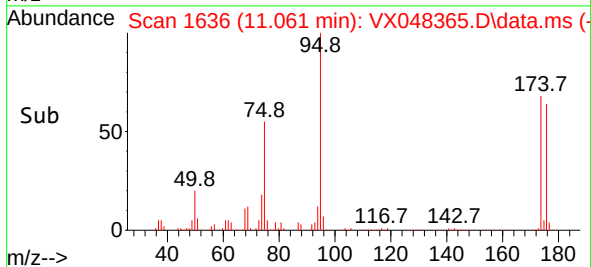
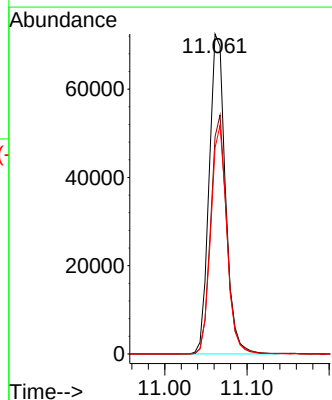
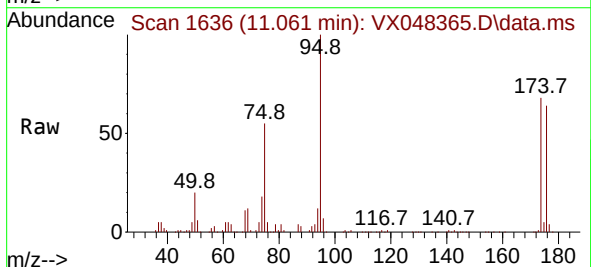
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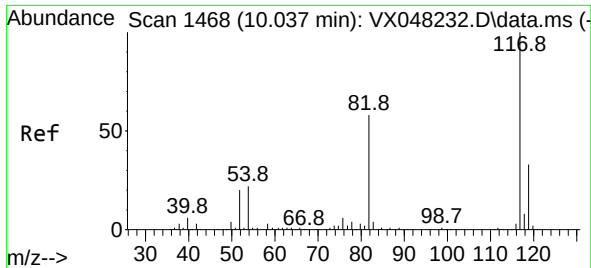
Tgt Ion: 92 Resp: 628236  
Ion Ratio Lower Upper  
92 100  
91 170.1 136.1 204.1



#62  
4-Bromofluorobenzene  
Concen: 52.408 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion: 95 Resp: 99617  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 147.8  
176 70.6 0.0 142.8

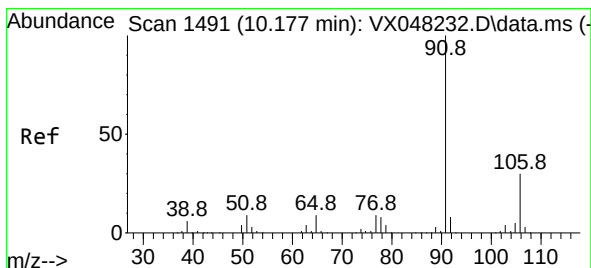
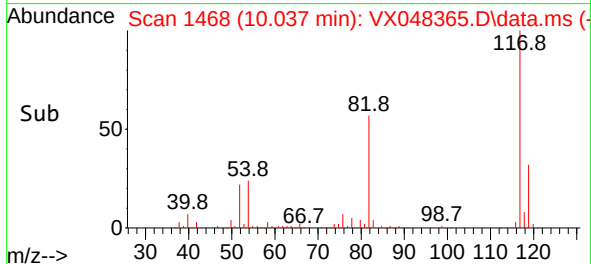
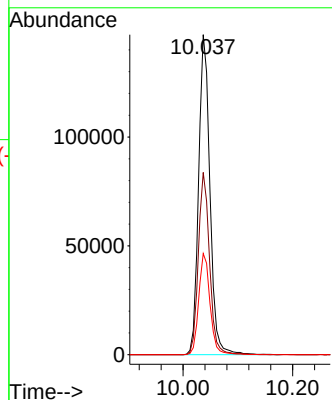
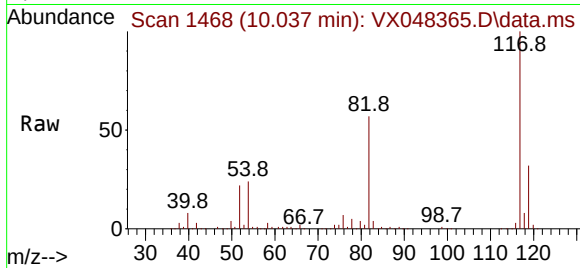




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.037 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

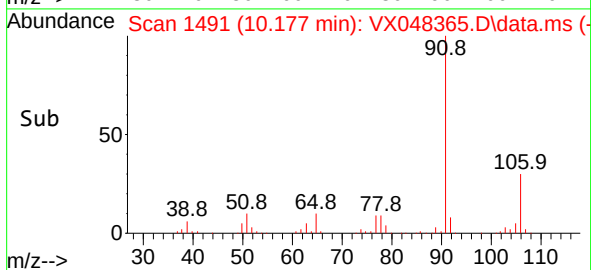
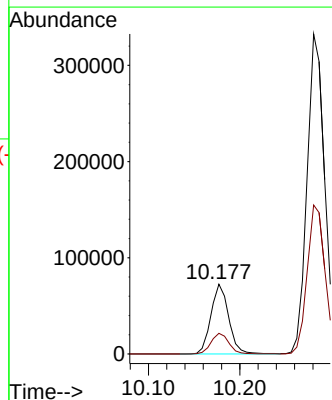
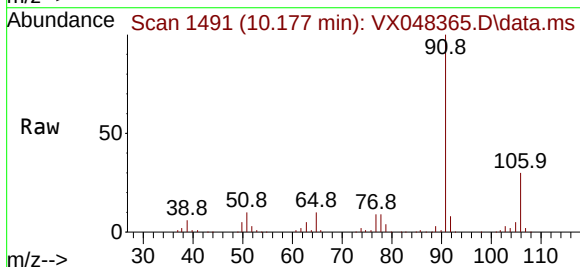
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ClientSampleId :  
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Tgt Ion:117 Resp: 211858  
Ion Ratio Lower Upper  
117 100  
82 56.9 46.5 69.7  
119 31.6 25.9 38.9

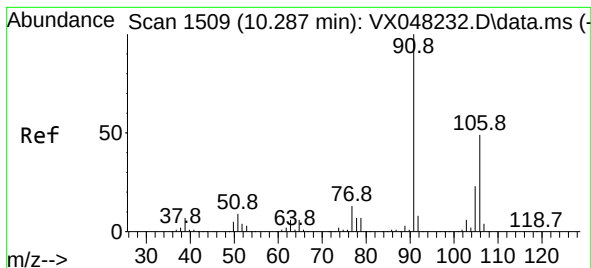


#67  
Ethyl Benzene  
Concen: 12.037 ug/l  
RT: 10.177 min Scan# 1491  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion: 91 Resp: 97667  
Ion Ratio Lower Upper  
91 100  
106 29.6 23.8 35.6



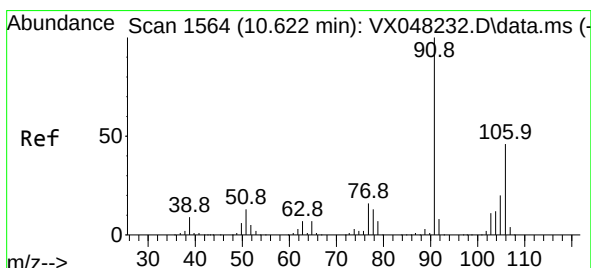
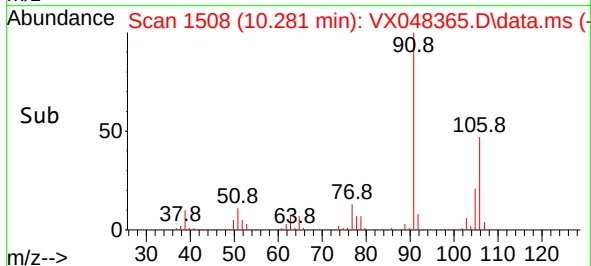
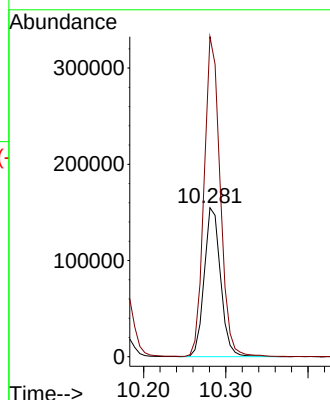
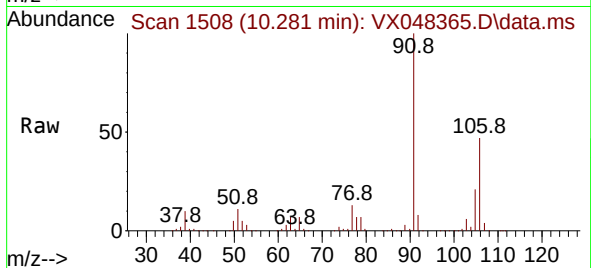




#68  
m/p-Xylenes  
Concen: 71.003 ug/l  
RT: 10.281 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

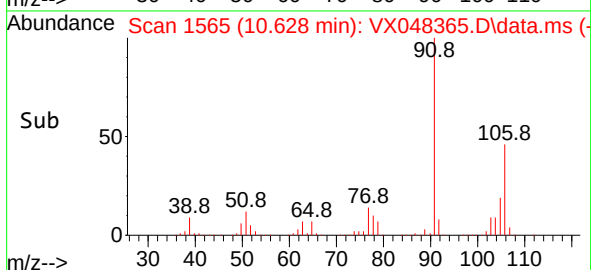
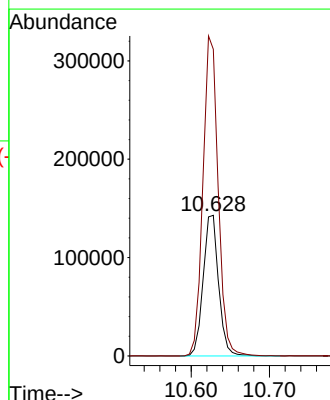
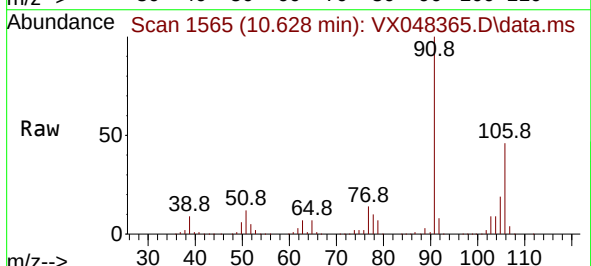
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-20

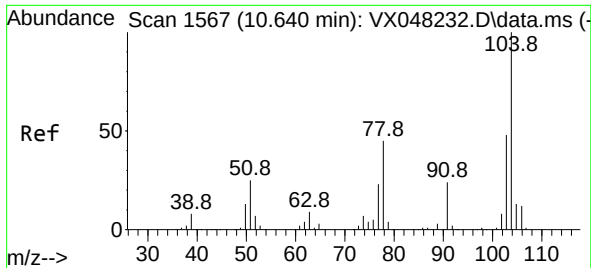
Tgt Ion:106 Resp: 214059  
Ion Ratio Lower Upper  
106 100  
91 211.6 167.9 251.9



#69  
o-Xylene  
Concen: 67.168 ug/l  
RT: 10.628 min Scan# 1565  
Delta R.T. 0.006 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion:106 Resp: 195498  
Ion Ratio Lower Upper  
106 100  
91 224.9 111.3 333.9

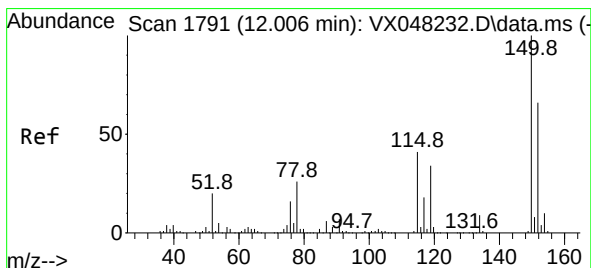
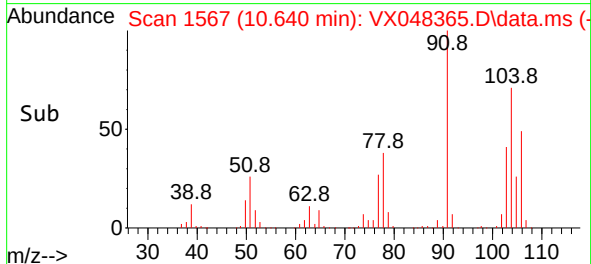
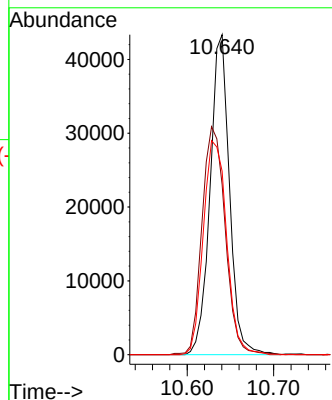
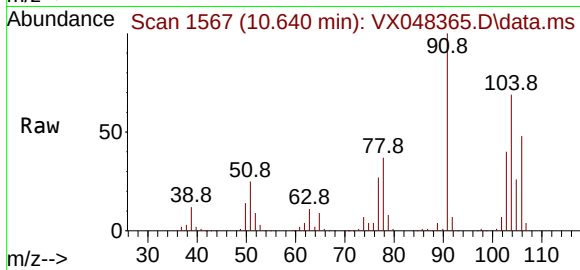




#70  
Styrene  
Concen: 13.591 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

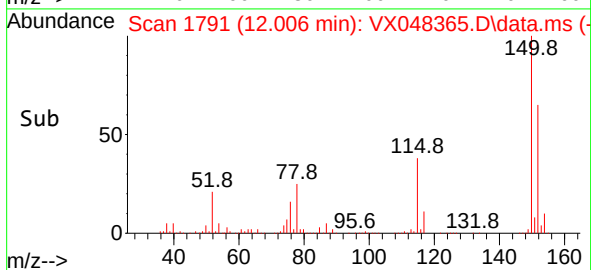
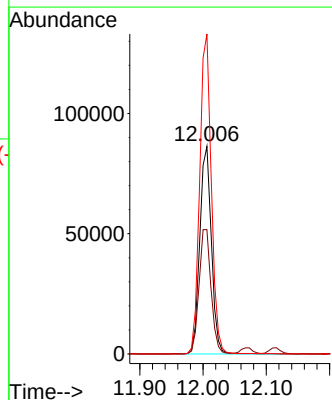
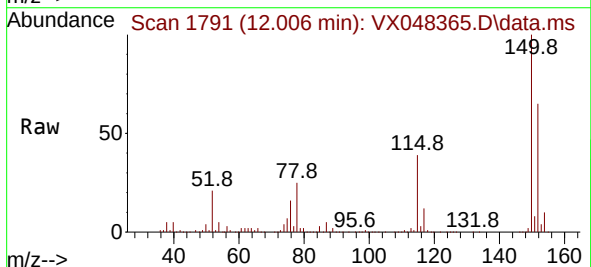
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-20

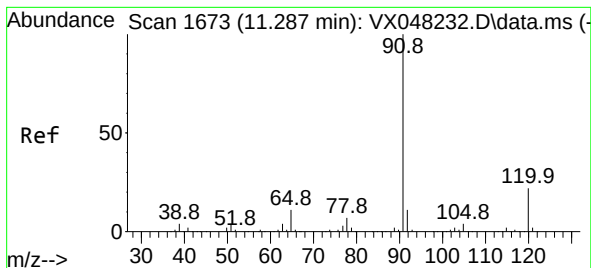
Tgt Ion:104 Resp: 67359  
Ion Ratio Lower Upper  
104 100  
78 85.3 42.2 63.4#  
103 80.5 43.0 64.4#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX048365.D  
Acq: 27 Oct 2025 12:58

Tgt Ion:152 Resp: 110440  
Ion Ratio Lower Upper  
152 100  
115 62.0 43.1 129.4  
150 153.9 0.0 353.0





#78

n-propylbenzene

Concen: 1.434 ug/l

RT: 11.287 min Scan# 1673

Delta R.T. 0.000 min

Lab File: VX048365.D

Acq: 27 Oct 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

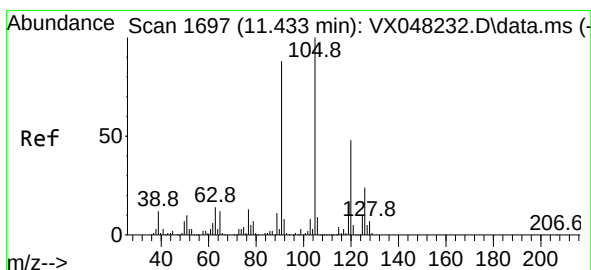
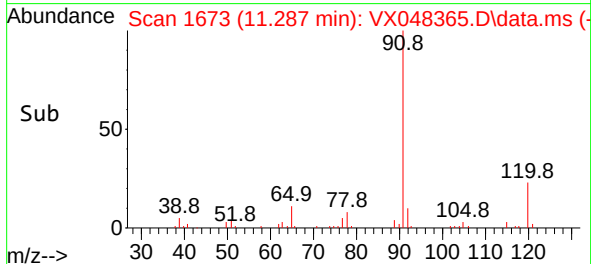
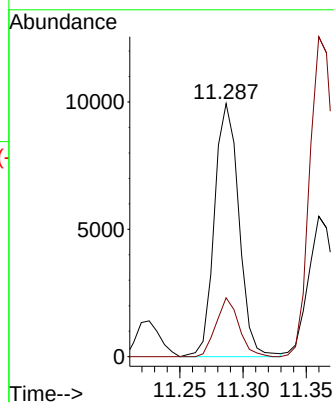
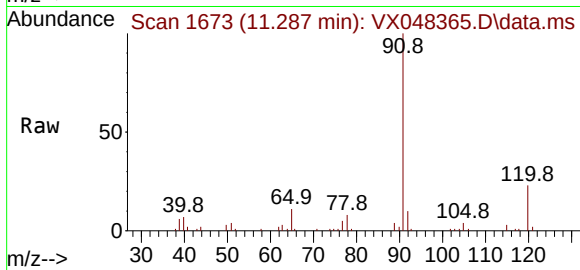
SB-20

Tgt Ion: 91 Resp: 13393

Ion Ratio Lower Upper

91 100

120 21.6 11.1 33.1



#80

1,3,5-Trimethylbenzene

Concen: 8.198 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VX048365.D

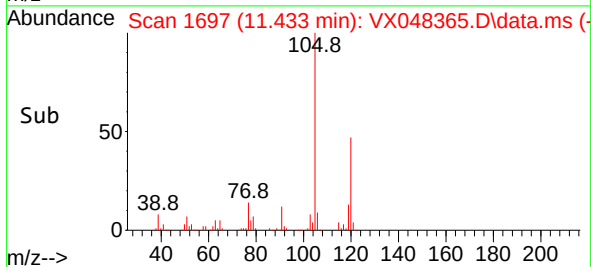
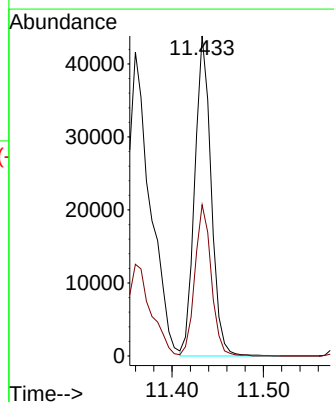
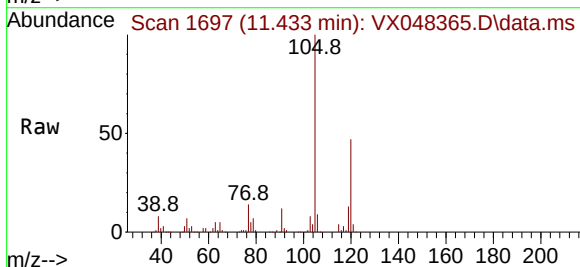
Acq: 27 Oct 2025 12:58

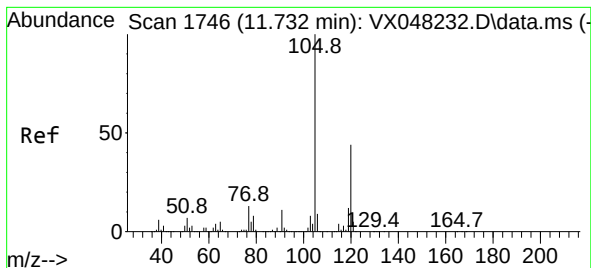
Tgt Ion:105 Resp: 54724

Ion Ratio Lower Upper

105 100

120 47.2 24.0 72.0





#84

1,2,4-Trimethylbenzene

Concen: 25.663 ug/l

RT: 11.732 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048365.D

Acq: 27 Oct 2025 12:58

Instrument :

MSVOA\_X

ClientSampleId :

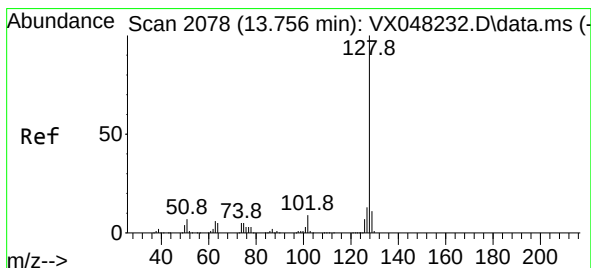
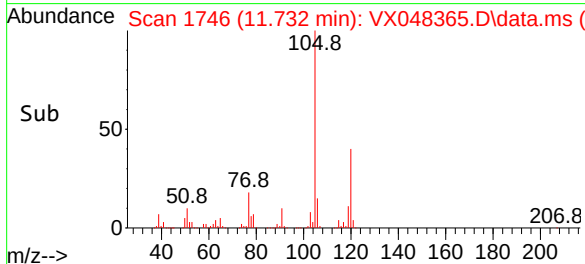
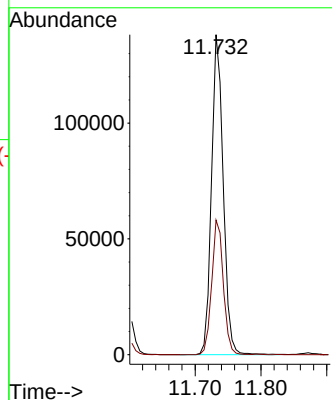
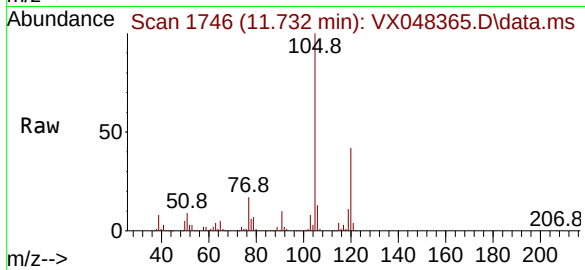
SB-20

Tgt Ion:105 Resp: 170965

Ion Ratio Lower Upper

105 100

120 41.9 22.1 66.5



#95

Naphthalene

Concen: 162.629 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. 0.000 min

Lab File: VX048365.D

Acq: 27 Oct 2025 12:58

Tgt Ion:128 Resp: 1043118

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8

