

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060225\  
 Data File : VX046456.D  
 Acq On : 02 Jun 2025 19:52  
 Operator : JC/MD  
 Sample : Q2169-03 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 303-PPR-2

Quant Time: Jun 03 01:37:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

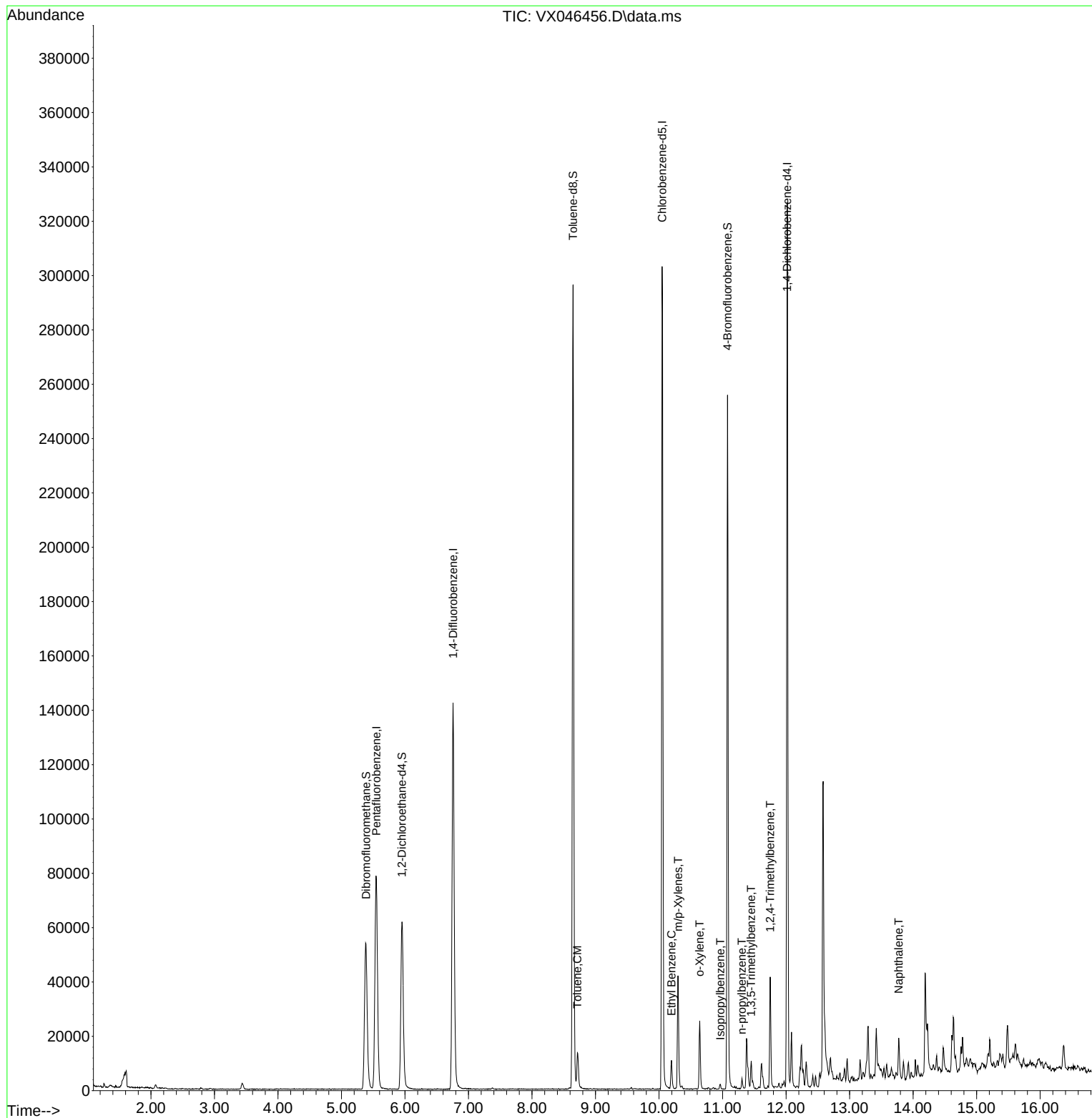
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|-----------|-------|----------|----------|------------|-----------|
| -----                       |           |       |          |          |            |           |
| Internal Standards          |           |       |          |          |            |           |
| 1) Pentafluorobenzene       | 5.550     | 168   | 67413    | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757     | 114   | 134443   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 10.049    | 117   | 127190   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 58921    | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |           |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 63844    | 50.799   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | = 101.600% |           |
| 35) Dibromofluoromethane    | 5.385     | 113   | 46781    | 48.321   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 96.640%  |           |
| 50) Toluene-d8              | 8.647     | 98    | 167790   | 50.074   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | = 100.140% |           |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 67866    | 52.800   | ug/l       | 0.00      |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | = 105.600% |           |
| Target Compounds            |           |       |          |          |            |           |
| 52) Toluene                 | 8.714     | 92    | 5392     | 2.308    | ug/l       | Qvalue 97 |
| 67) Ethyl Benzene           | 10.195    | 91    | 6580     | 1.341    | ug/l       | 92        |
| 68) m/p-Xylenes             | 10.299    | 106   | 8910     | 4.964    | ug/l       | 95        |
| 69) o-Xylene                | 10.640    | 106   | 5363     | 3.065    | ug/l       | 99        |
| 73) Isopropylbenzene        | 10.963    | 105   | 1094     | 0.238    | ug/l       | 99        |
| 78) n-propylbenzene         | 11.305    | 91    | 2569     | 0.482    | ug/l       | 100       |
| 80) 1,3,5-Trimethylbenzene  | 11.451    | 105   | 4813     | 1.256    | ug/l       | 100       |
| 84) 1,2,4-Trimethylbenzene  | 11.750    | 105   | 18179    | 4.684    | ug/l       | 99        |
| 95) Naphthalene             | 13.774    | 128   | 9617     | 2.341    | ug/l #     | 95        |
| -----                       |           |       |          |          |            |           |

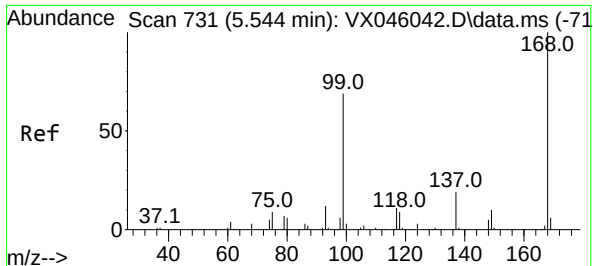
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060225\  
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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

Quant Time: Jun 03 01:37:04 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

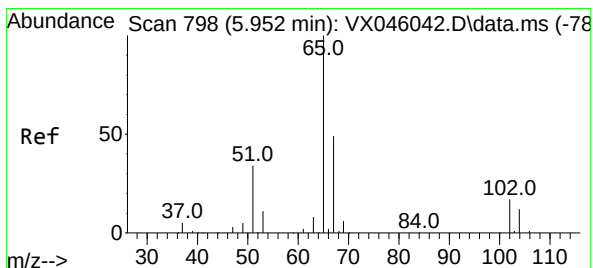
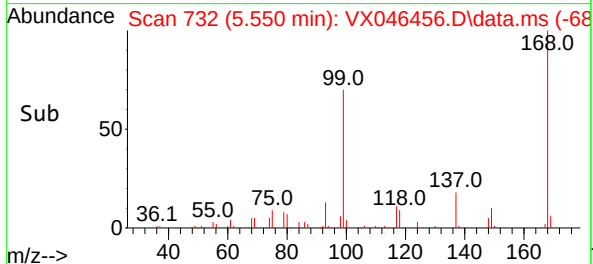
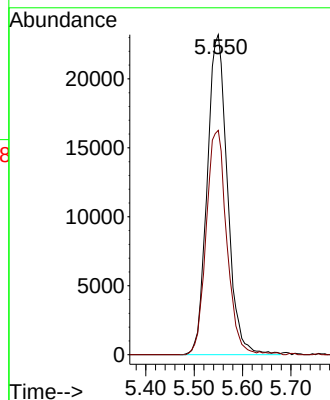
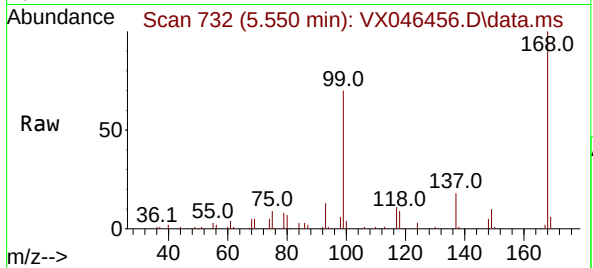




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 711  
Delta R.T. 0.006 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

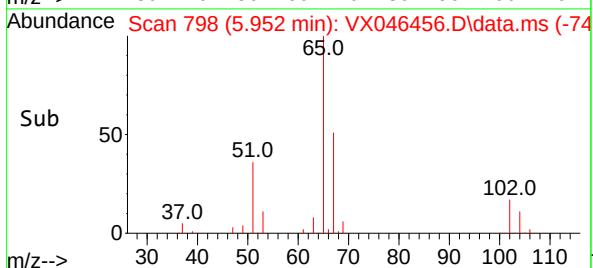
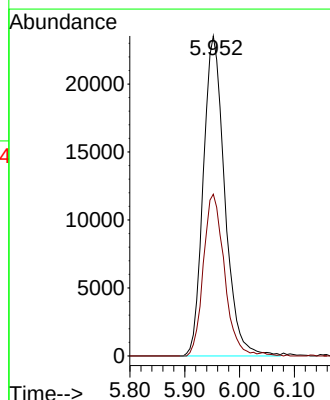
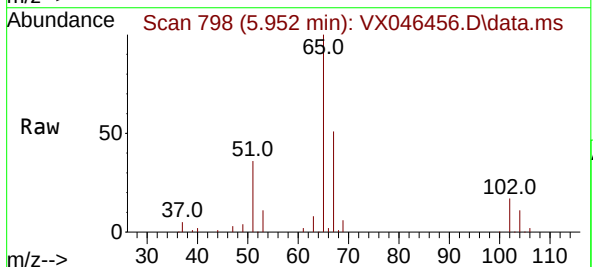
Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

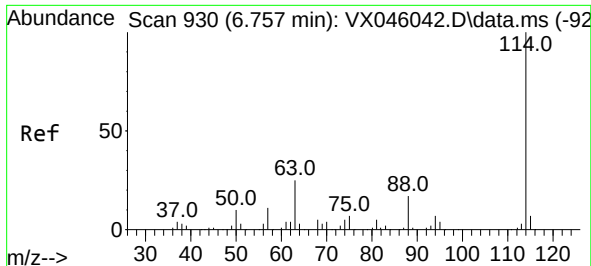
Tgt Ion:168 Resp: 67413  
Ion Ratio Lower Upper  
168 100  
99 70.1 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 50.799 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

Tgt Ion: 65 Resp: 63844  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 99.0

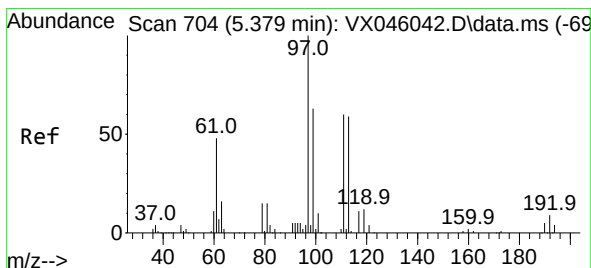
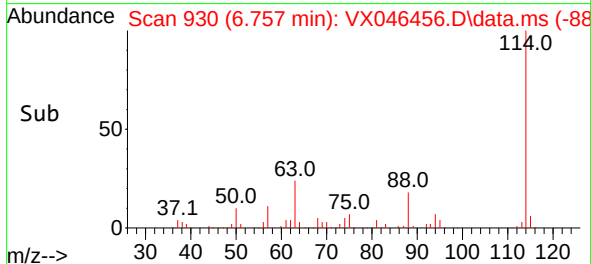
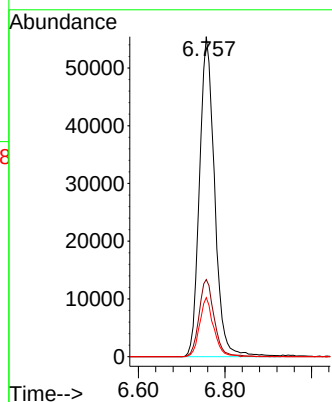
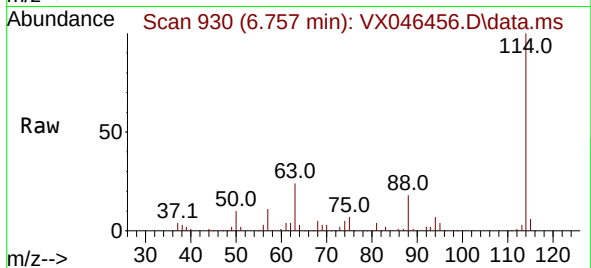




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX046456.D  
 Acq: 02 Jun 2025 19:52

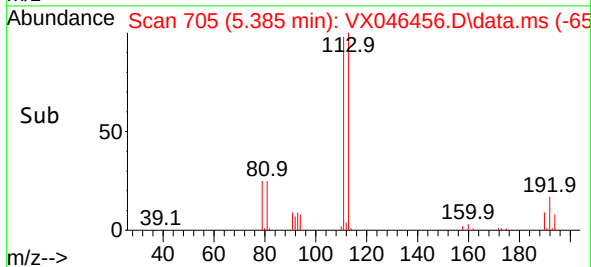
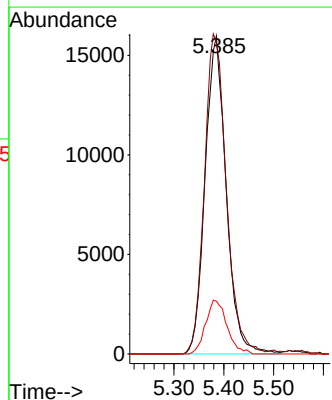
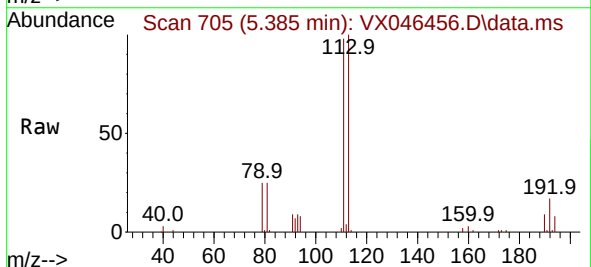
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 303-PPR-2

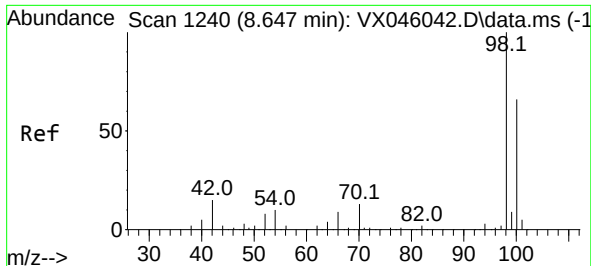
Tgt Ion:114 Resp: 134443  
 Ion Ratio Lower Upper  
 114 100  
 63 24.1 0.0 49.2  
 88 18.4 0.0 33.6



#35  
 Dibromofluoromethane  
 Concen: 48.321 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.006 min  
 Lab File: VX046456.D  
 Acq: 02 Jun 2025 19:52

Tgt Ion:113 Resp: 46781  
 Ion Ratio Lower Upper  
 113 100  
 111 104.3 83.1 124.7  
 192 17.2 13.3 19.9

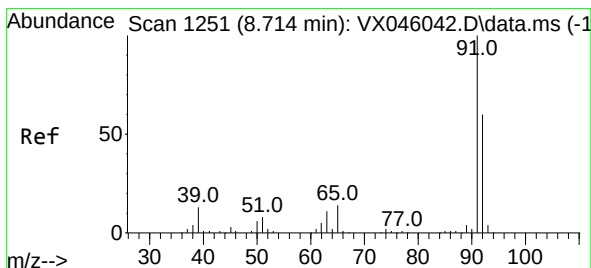
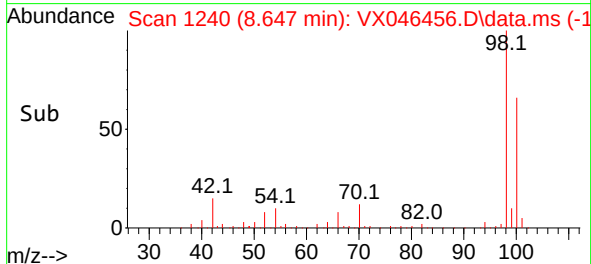
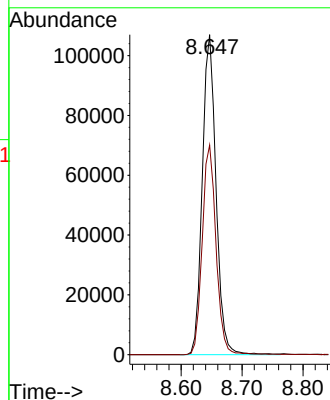
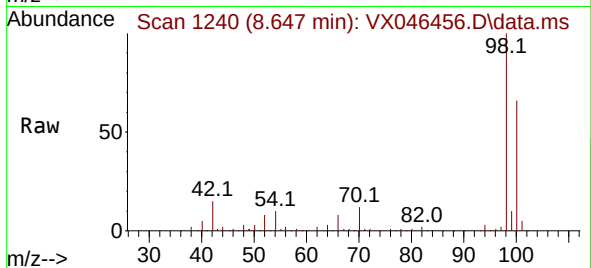




#50  
Toluene-d8  
Concen: 50.074 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

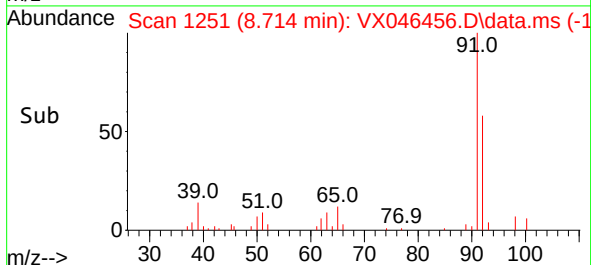
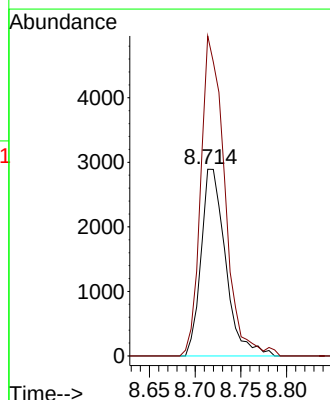
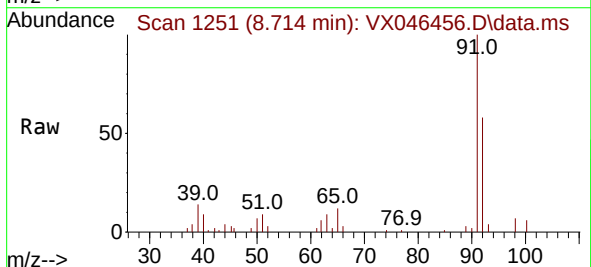
Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

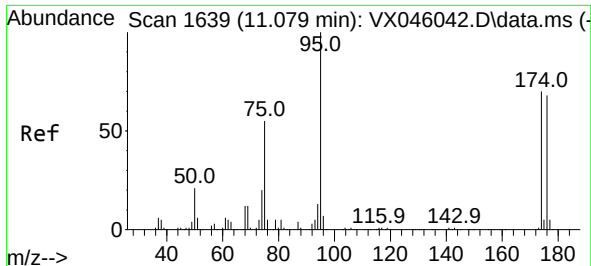
Tgt Ion: 98 Resp: 167790  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.5 80.3



#52  
Toluene  
Concen: 2.308 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

Tgt Ion: 92 Resp: 5392  
Ion Ratio Lower Upper  
92 100  
91 167.0 136.6 205.0

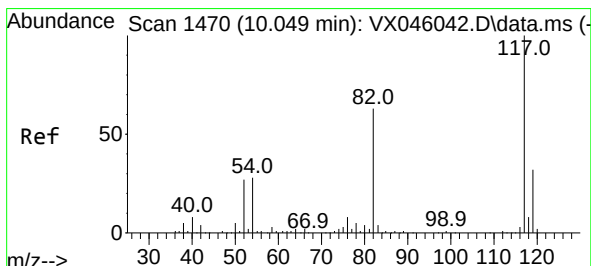
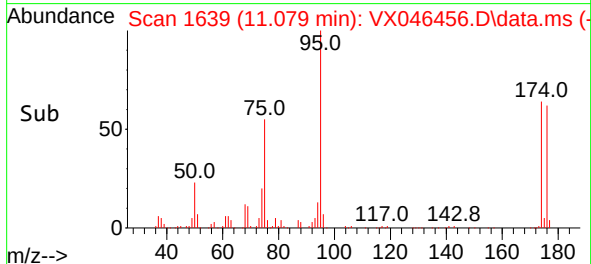
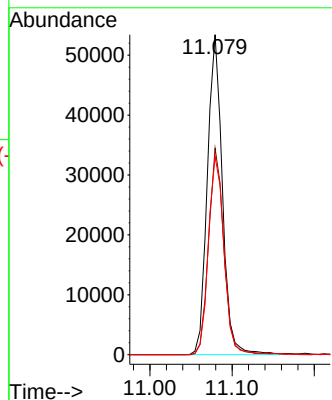
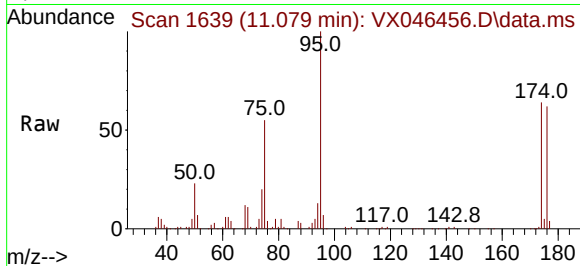




#62  
4-Bromofluorobenzene  
Concen: 52.800 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

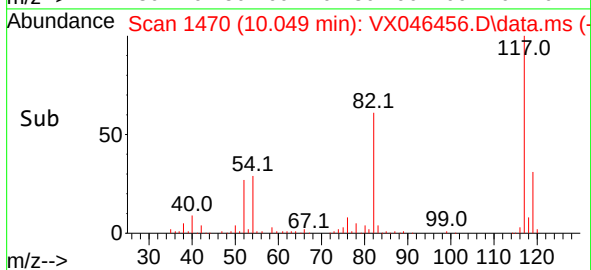
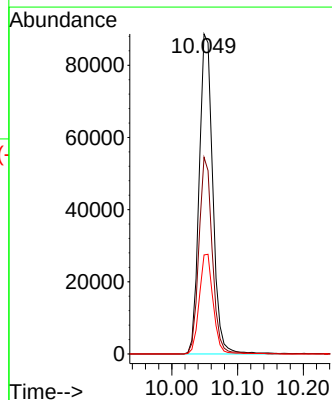
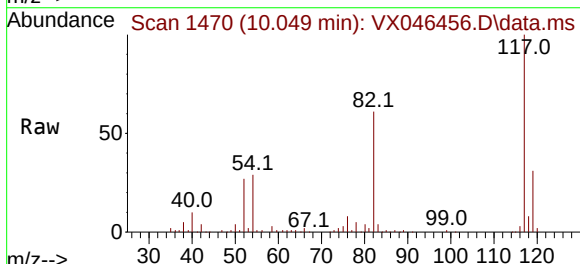
Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

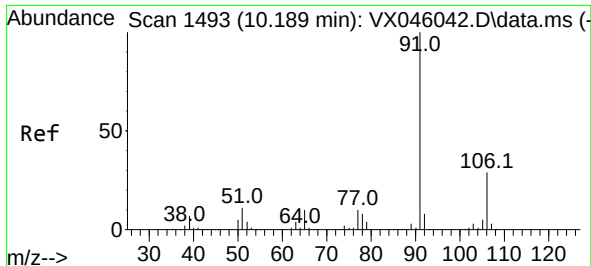
Tgt Ion: 95 Resp: 67866  
Ion Ratio Lower Upper  
95 100  
174 65.6 0.0 135.8  
176 64.1 0.0 131.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

Tgt Ion: 117 Resp: 127190  
Ion Ratio Lower Upper  
117 100  
82 61.4 50.6 76.0  
119 31.0 25.8 38.6





#67

Ethyl Benzene

Concen: 1.341 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046456.D

Acq: 02 Jun 2025 19:52

Instrument :

MSVOA\_X

ClientSampleId :

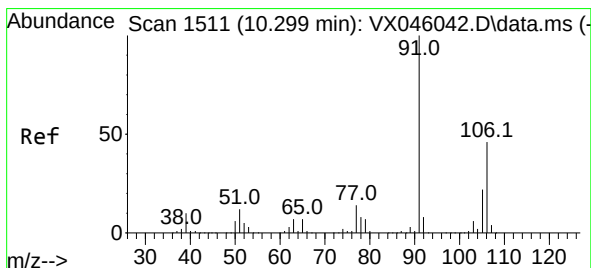
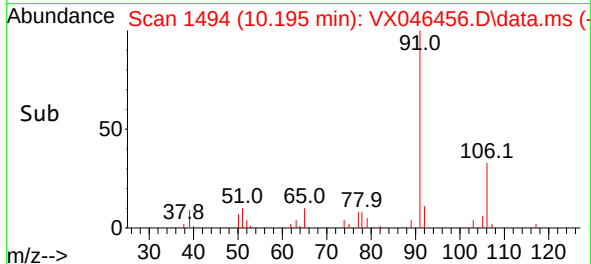
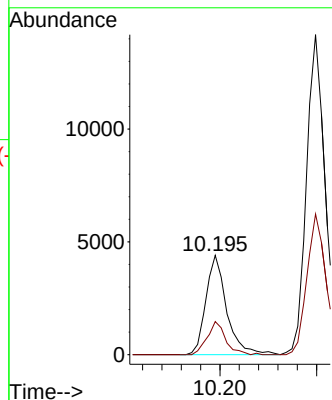
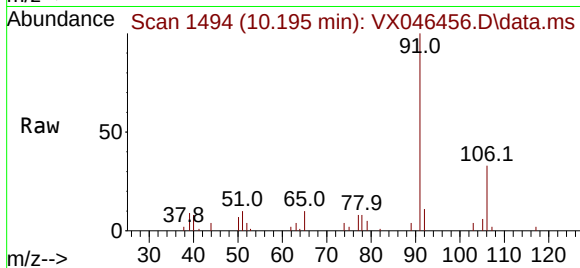
303-PPR-2

Tgt Ion: 91 Resp: 6580

Ion Ratio Lower Upper

91 100

106 33.3 23.4 35.2



#68

m/p-Xylenes

Concen: 4.964 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX046456.D

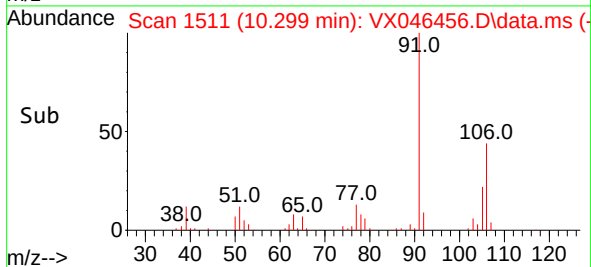
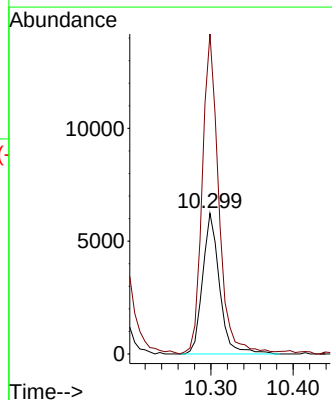
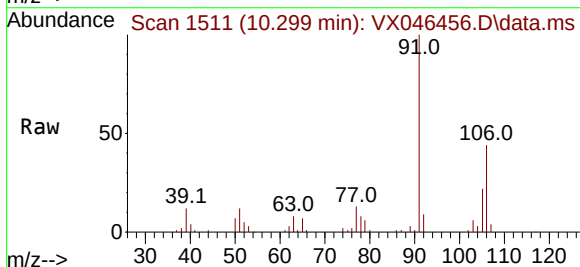
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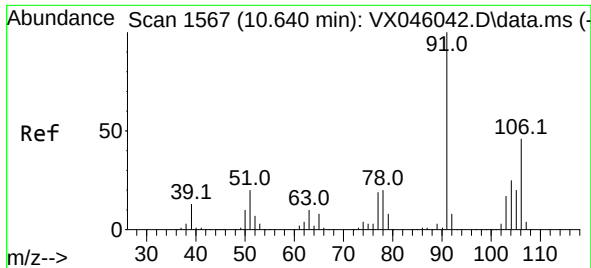
Tgt Ion:106 Resp: 8910

Ion Ratio Lower Upper

106 100

91 222.4 171.2 256.8

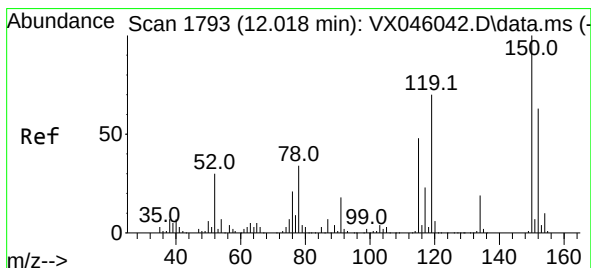
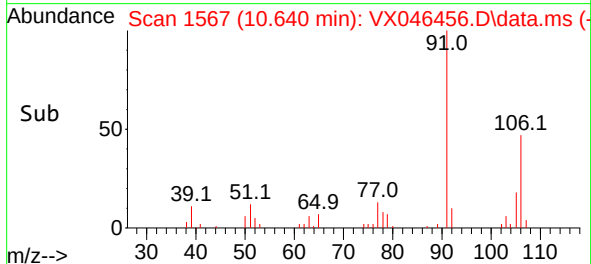
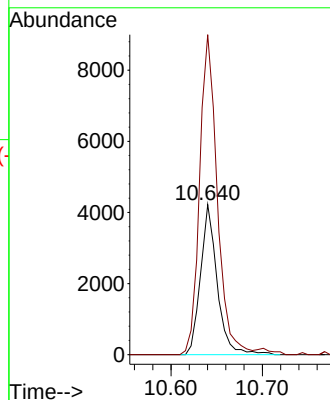
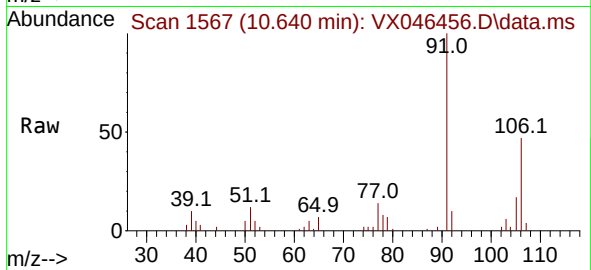




#69  
o-Xylene  
Concen: 3.065 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

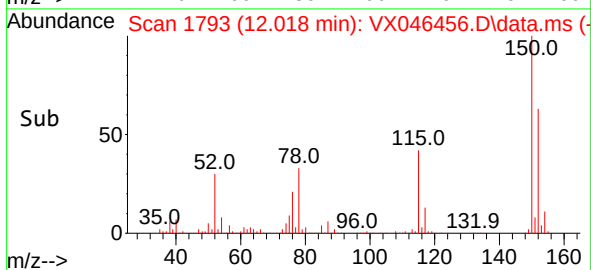
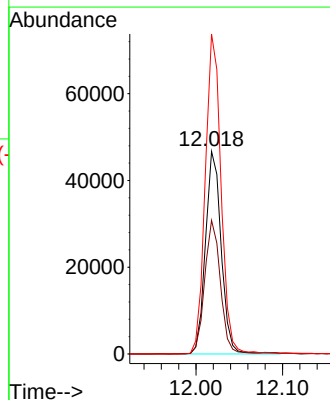
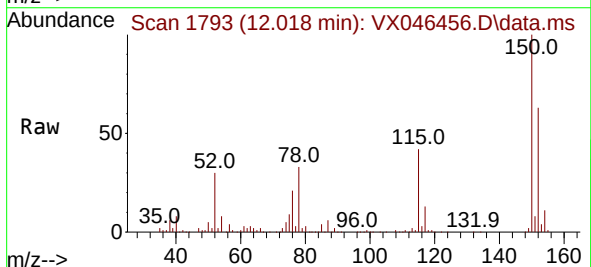
Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

Tgt Ion:106 Resp: 5363  
Ion Ratio Lower Upper  
106 100  
91 224.4 112.7 338.1

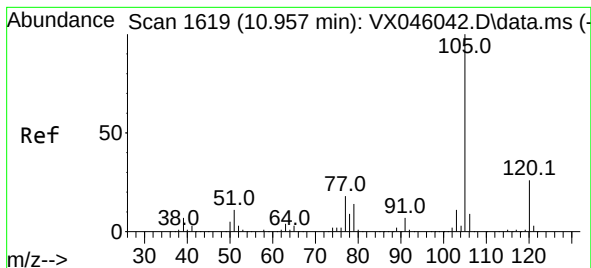


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

Tgt Ion:152 Resp: 58921  
Ion Ratio Lower Upper  
152 100  
115 65.7 46.9 140.7  
150 158.6 0.0 351.0







#73

Isopropylbenzene

Concen: 0.238 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX046456.D

Acq: 02 Jun 2025 19:52

Instrument :

MSVOA\_X

ClientSampleId :

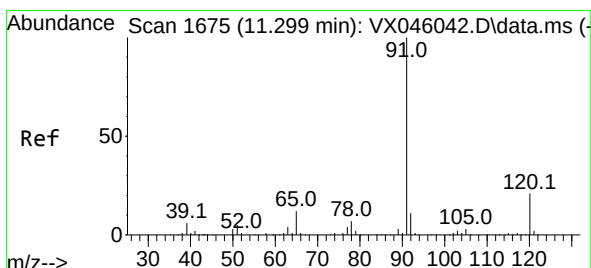
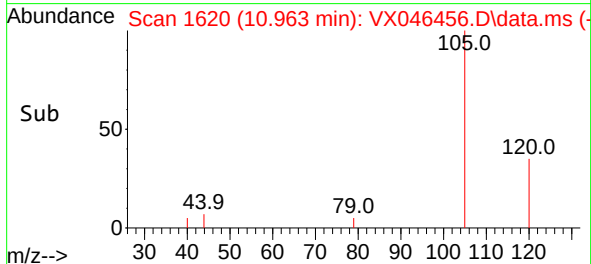
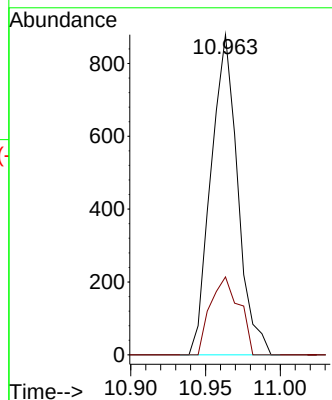
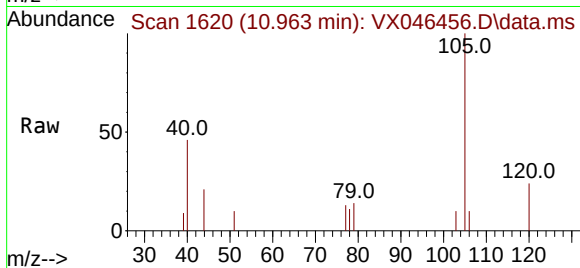
303-PPR-2

Tgt Ion:105 Resp: 1094

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.4



#78

n-propylbenzene

Concen: 0.482 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046456.D

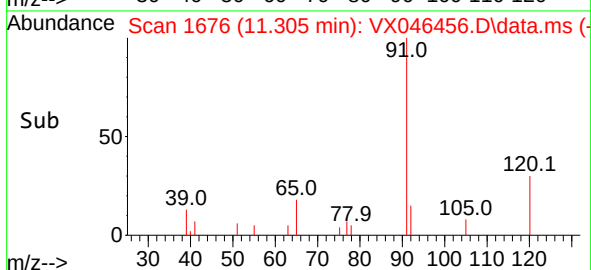
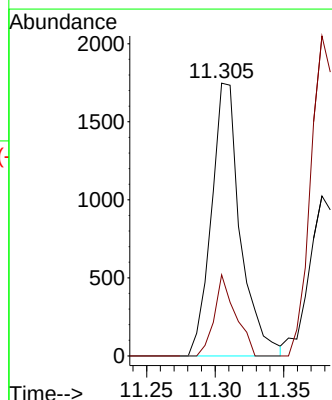
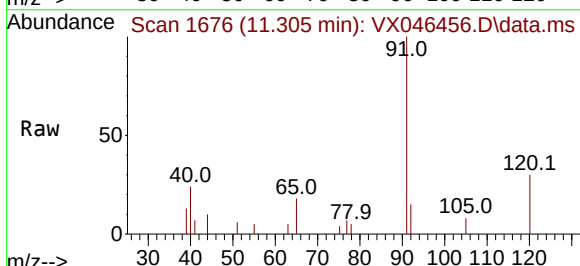
Acq: 02 Jun 2025 19:52

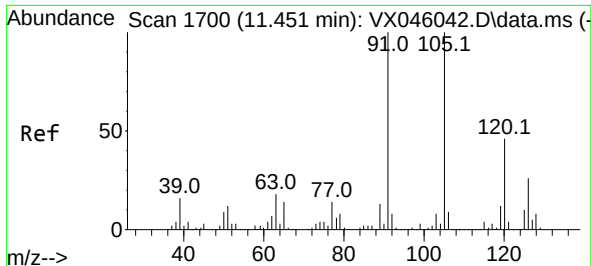
Tgt Ion: 91 Resp: 2569

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4

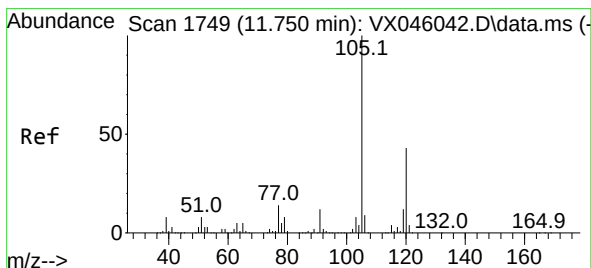
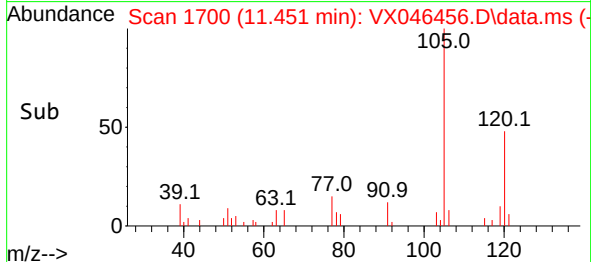
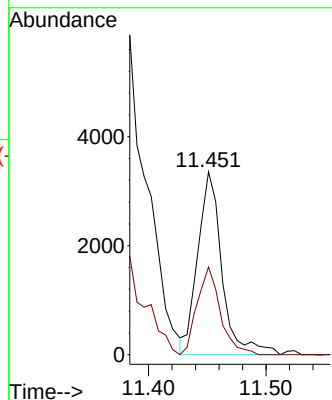
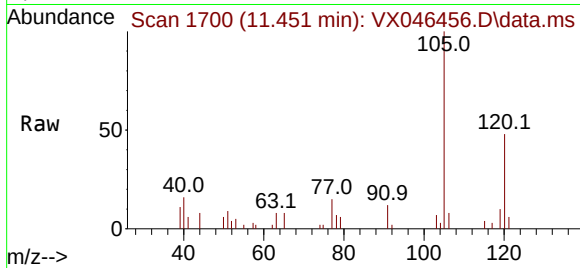




#80  
1,3,5-Trimethylbenzene  
Concen: 1.256 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

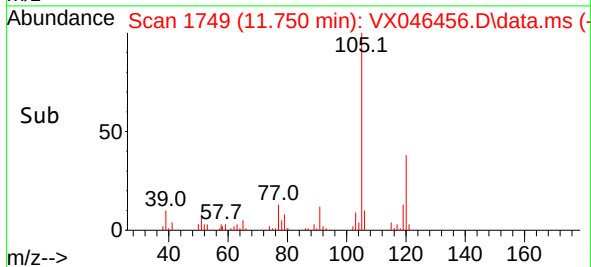
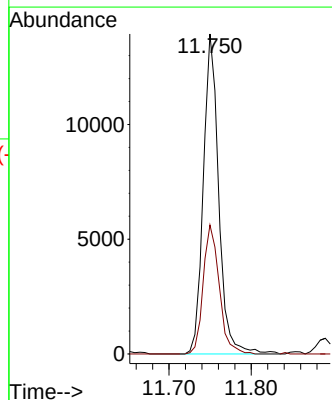
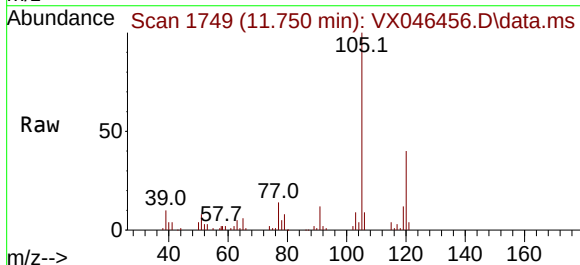
Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2

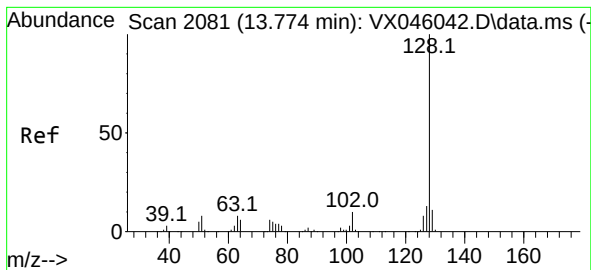
Tgt Ion:105 Resp: 4813  
Ion Ratio Lower Upper  
105 100  
120 45.9 23.1 69.2



#84  
1,2,4-Trimethylbenzene  
Concen: 4.684 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

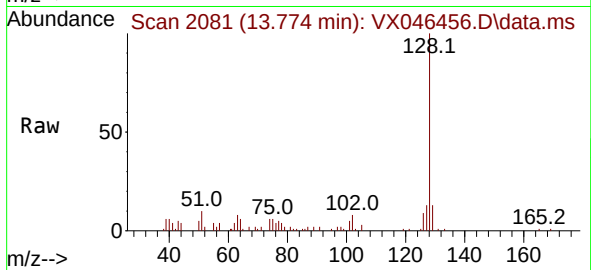
Tgt Ion:105 Resp: 18179  
Ion Ratio Lower Upper  
105 100  
120 42.0 21.2 63.6





#95  
Naphthalene  
Concen: 2.341 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX046456.D  
Acq: 02 Jun 2025 19:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
303-PPR-2



Tgt Ion:128 Resp: 9617  
Ion Ratio Lower Upper  
128 100  
127 14.1 10.4 15.6  
129 13.3 8.6 13.0#

