

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
 Data File : VX044129.D  
 Acq On : 04 Dec 2024 19:57  
 Operator : JC/MD  
 Sample : P5006-04RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SPLP-C5-2RE

Quant Time: Dec 05 00:37:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

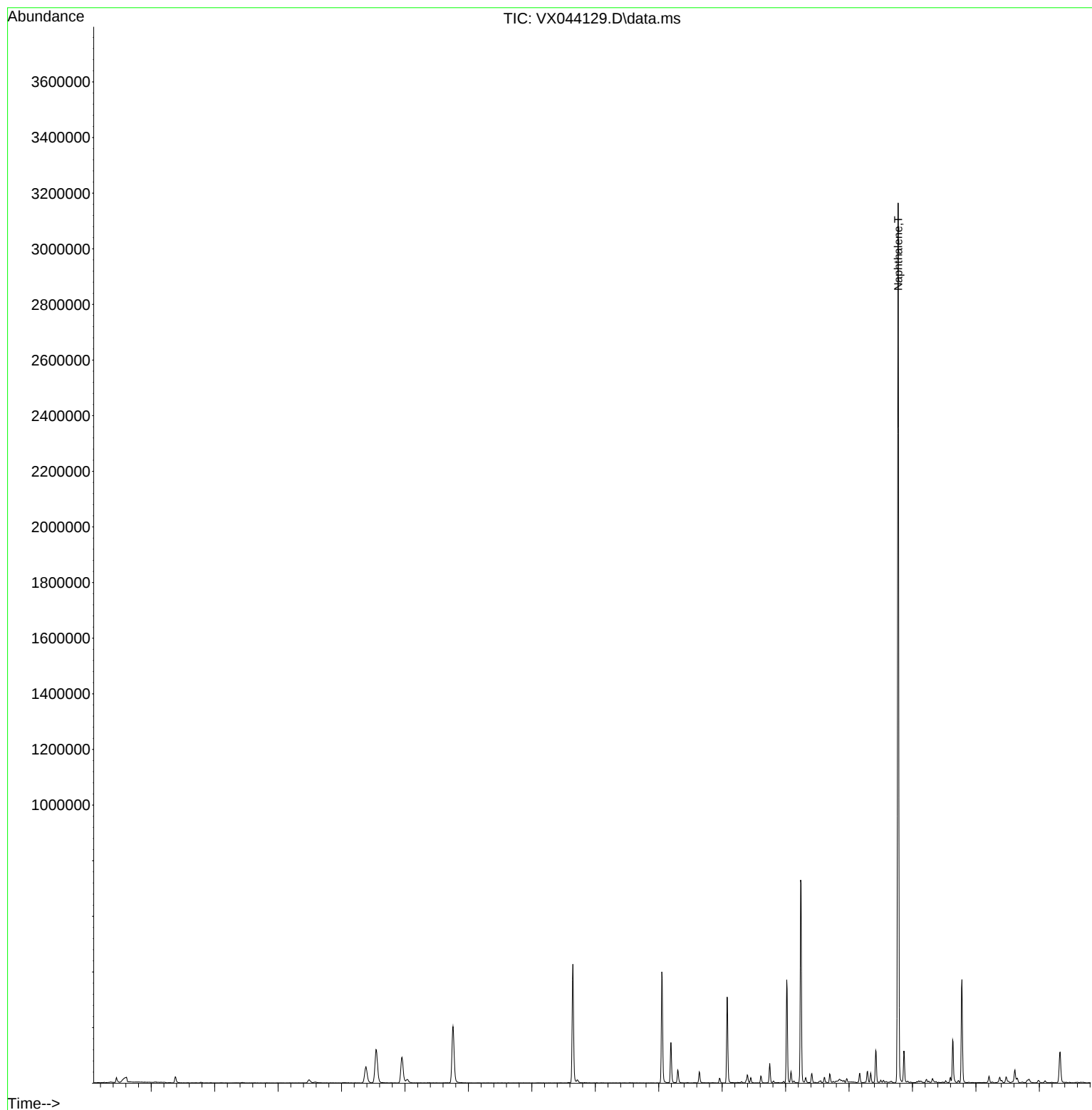
| Compound                    | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                       |                |      |                     |         |       |          |
| Internal Standards          |                |      |                     |         |       |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 101936              | 50.000  | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 199845              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049         | 117  | 169469              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 68386               | 50.000  | ug/l  | 0.00     |
|                             |                |      |                     |         |       |          |
| System Monitoring Compounds |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 91520               | 52.346  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 104.700% |         |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 49951               | 34.980  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 69.960%# |         |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 245054              | 49.783  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 99.560%  |         |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 80566               | 48.092  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = 96.180%  |         |       |          |
|                             |                |      |                     |         |       |          |
| Target Compounds            |                |      |                     |         |       |          |
| 16) Acetone                 | 2.380          | 43   | 24857               | 30.955  | ug/l  | 93       |
| 27) cis-1,2-Dichloroethene  | 4.489          | 96   | 7330                | 4.890   | ug/l  | 89       |
| 40) Benzene                 | 6.037          | 78   | 14623               | 2.638   | ug/l  | 97       |
| 52) Toluene                 | 8.726          | 92   | 3847                | 1.160   | ug/l  | 91       |
| 67) Ethyl Benzene           | 10.195         | 91   | 86422               | 13.703  | ug/l  | 98       |
| 68) m/p-Xylenes             | 10.299         | 106  | 11205               | 4.764   | ug/l  | 99       |
| 69) o-Xylene                | 10.640         | 106  | 8554                | 3.725   | ug/l  | 99       |
| 73) Isopropylbenzene        | 10.963         | 105  | 8899                | 1.693   | ug/l  | 96       |
| 80) 1,3,5-Trimethylbenzene  | 11.451         | 105  | 7833                | 1.811   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.750         | 105  | 30130               | 6.998   | ug/l  | 94       |
| 95) Naphthalene             | 13.774         | 128  | 1759335             | 359.667 | ug/l  | 99       |
| -----                       |                |      |                     |         |       |          |

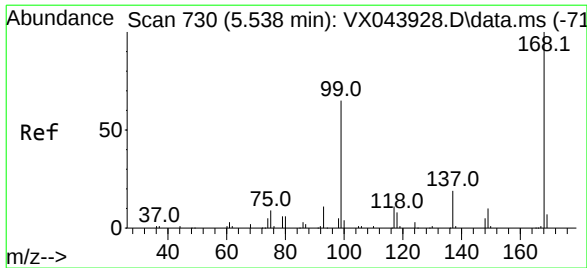
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
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Sample : P5006-04RE  
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C5-2RE

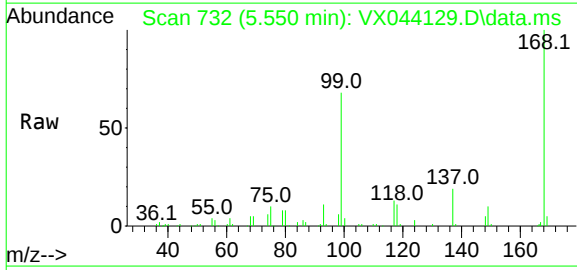
Quant Time: Dec 05 00:37:20 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



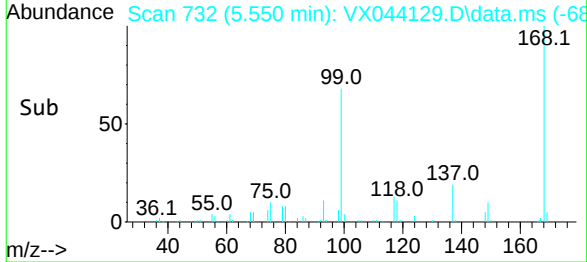
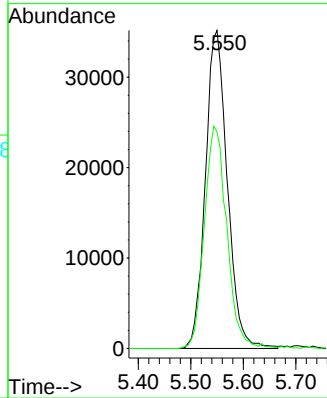


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 730  
Delta R.T. 0.012 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C5-2RE

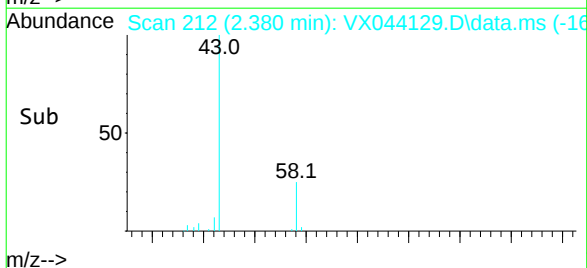
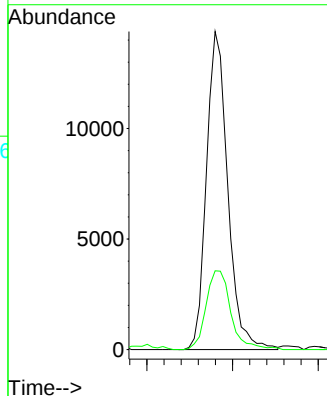
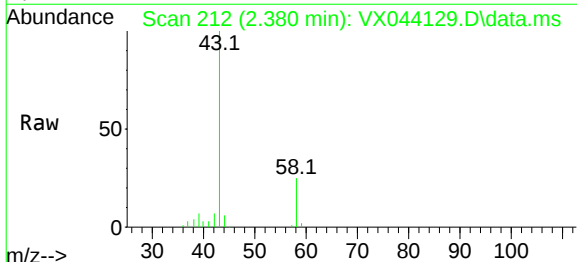


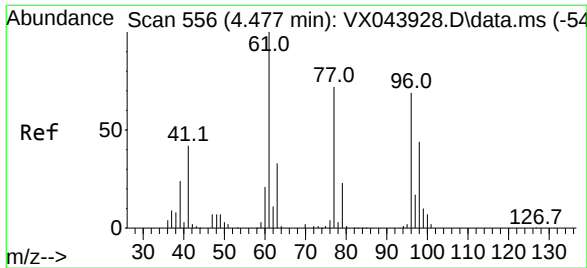
Tgt Ion: 168 Resp: 101936  
Ion Ratio Lower Upper  
168 100  
99 68.1 51.8 77.8



#16  
Acetone  
Concen: 30.955 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

Tgt Ion: 43 Resp: 24857  
Ion Ratio Lower Upper  
43 100  
58 24.8 22.7 34.1

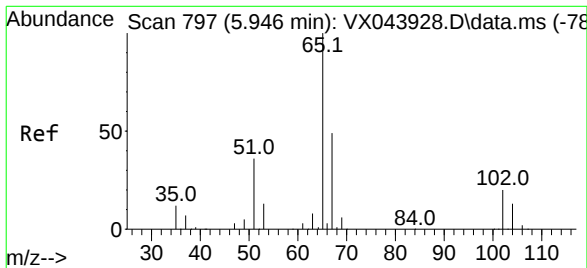
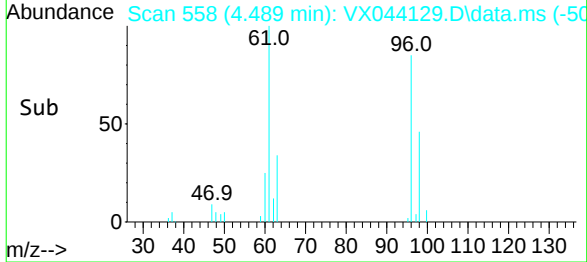
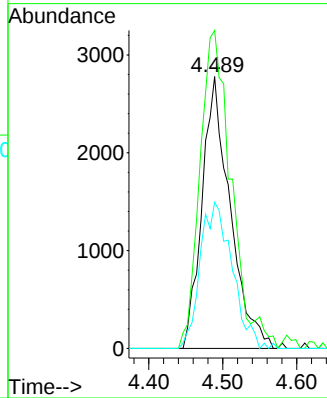
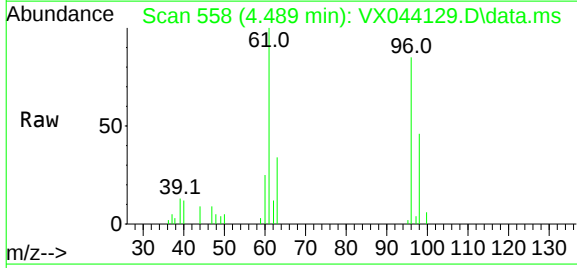




#27  
 cis-1,2-Dichloroethene  
 Concen: 4.890 ug/l  
 RT: 4.489 min Scan# 556  
 Delta R.T. 0.012 min  
 Lab File: VX044129.D  
 Acq: 04 Dec 2024 19:57

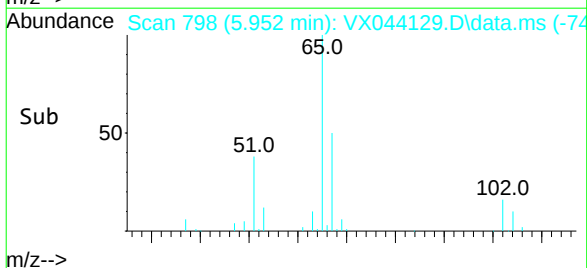
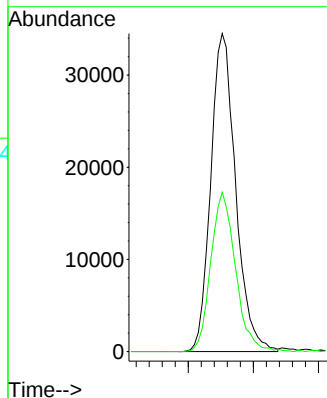
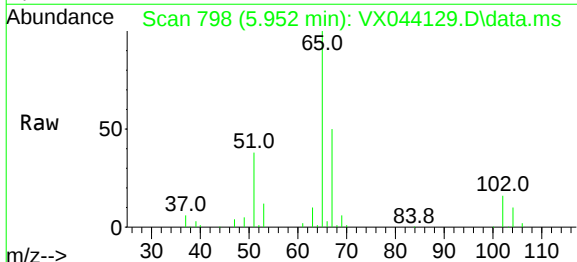
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SPLP-C5-2RE

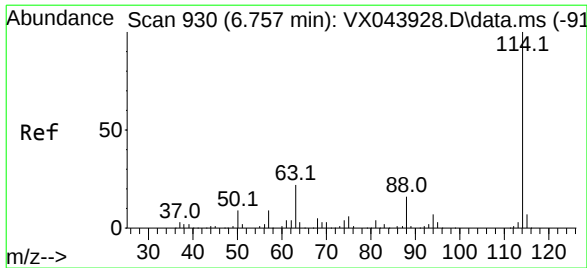
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 7330  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 130.1    | 0.0 297.4   |
| 98 61.0     | 0.0 127.8   |



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.346 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX044129.D  
 Acq: 04 Dec 2024 19:57

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 91520 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 49.8     | 0.0 100.8   |

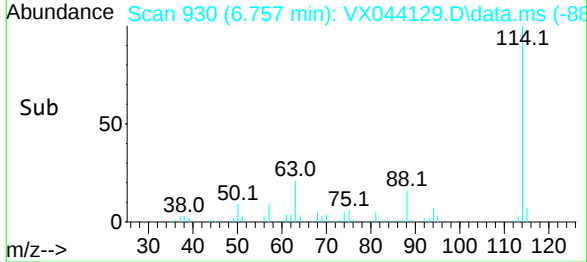
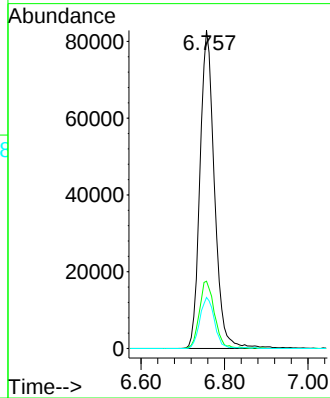
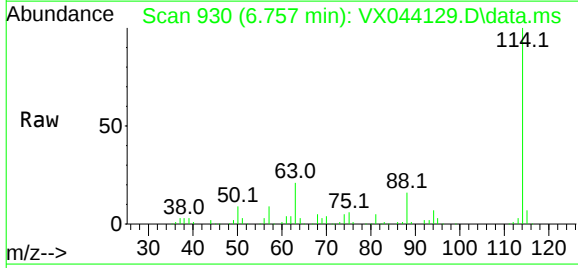




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

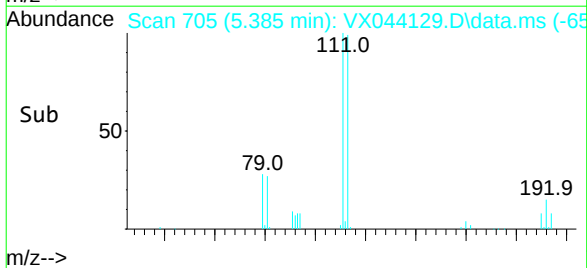
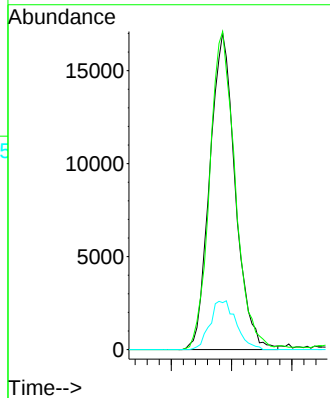
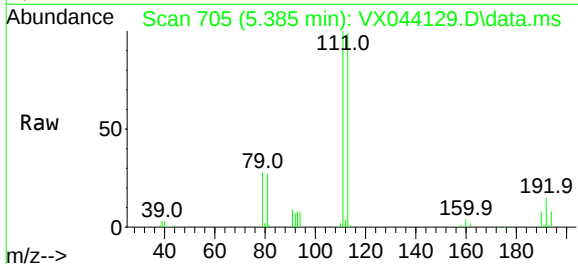
Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C5-2RE

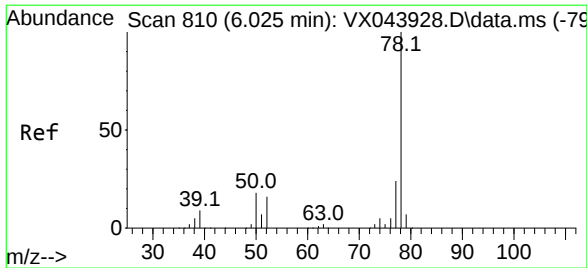
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 199845 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.1  | 0.0   | 44.0   |
| 88       | 16.1  | 0.0   | 32.4   |



#35  
Dibromofluoromethane  
Concen: 34.980 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 49951 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 100.6 | 81.0  | 121.4 |
| 192      | 15.8  | 13.0  | 19.6  |





#40

Benzene

Concen: 2.638 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA\_X

ClientSampleId :

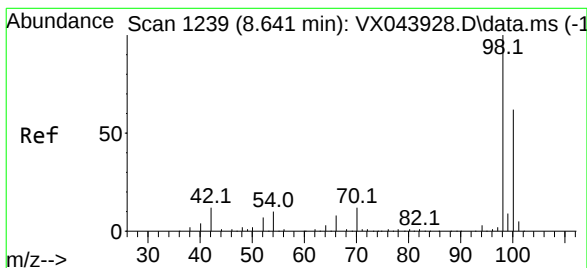
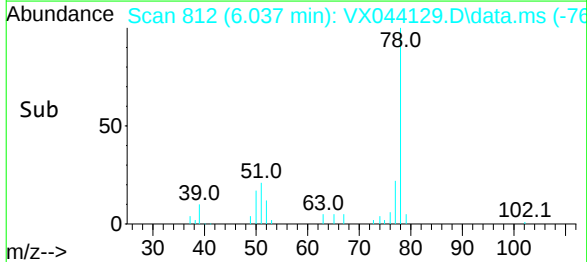
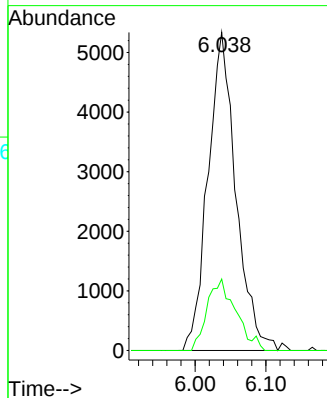
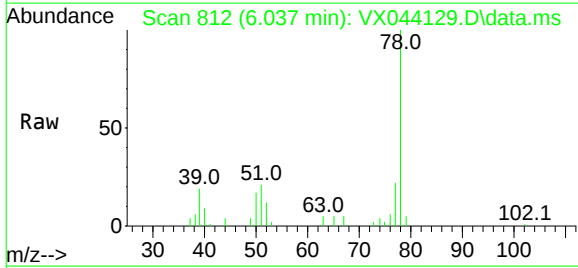
SPLP-C5-2RE

Tgt Ion: 78 Resp: 14623

Ion Ratio Lower Upper

78 100

77 22.5 19.2 28.8



#50

Toluene-d8

Concen: 49.783 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044129.D

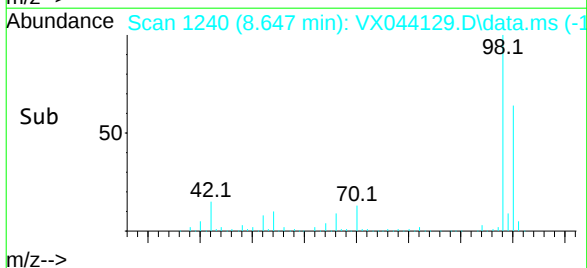
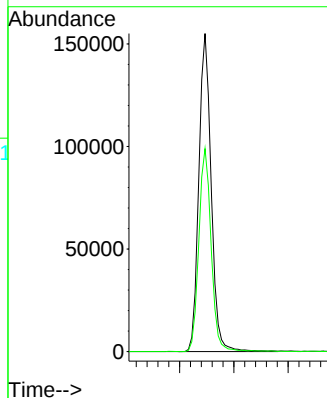
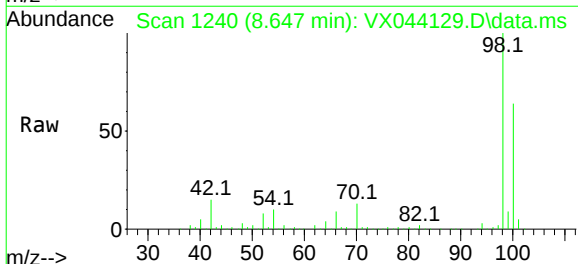
Acq: 04 Dec 2024 19:57

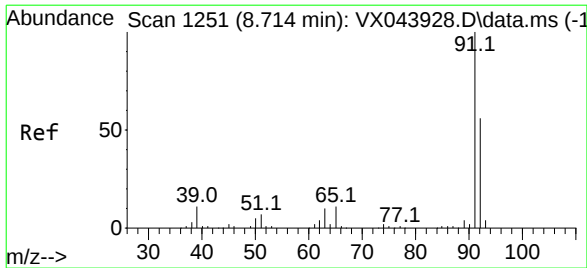
Tgt Ion: 98 Resp: 245054

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0





#52

Toluene

Concen: 1.160 ug/l

RT: 8.726 min Scan# 12

Delta R.T. 0.012 min

Lab File: VX044129.D

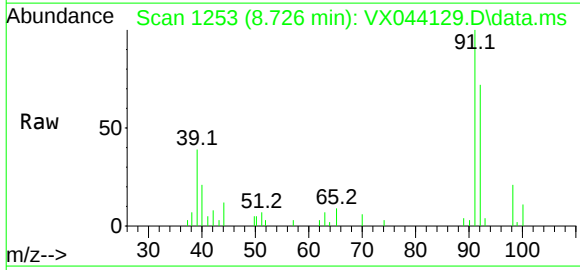
Acq: 04 Dec 2024 19:57

Instrument :

MSVOA\_X

ClientSampleId :

SPLP-C5-2RE

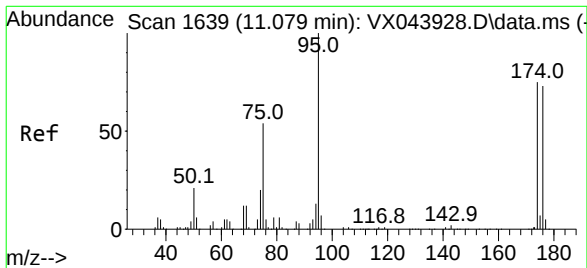
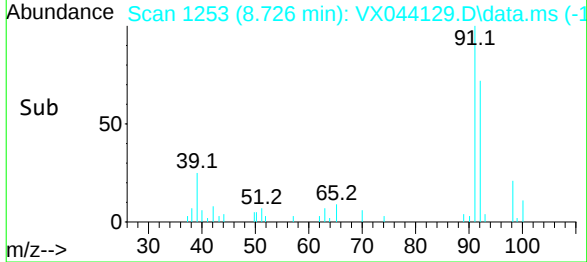
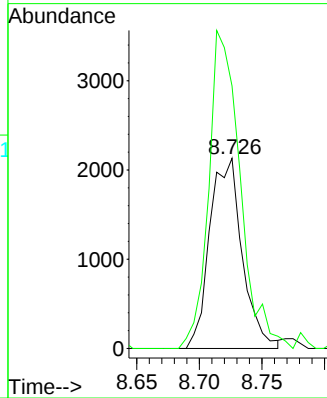


Tgt Ion: 92 Resp: 3847

Ion Ratio Lower Upper

92 100

91 161.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 48.092 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

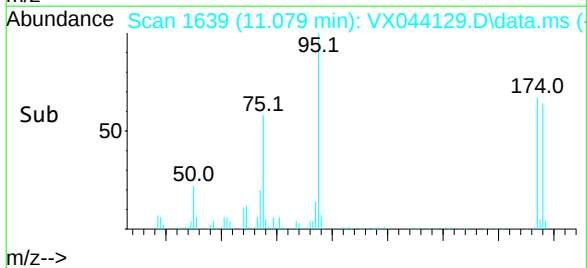
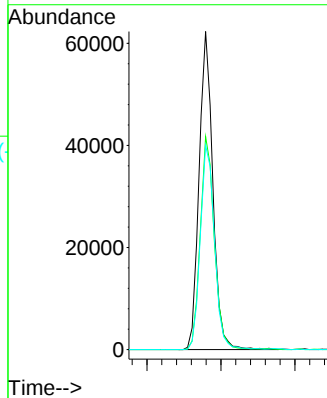
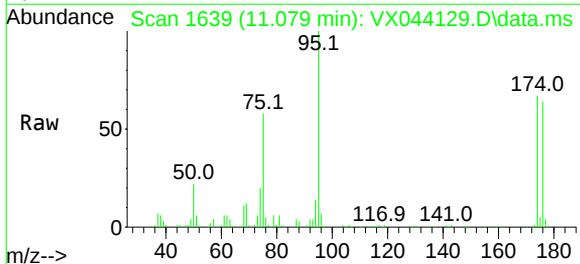
Tgt Ion: 95 Resp: 80566

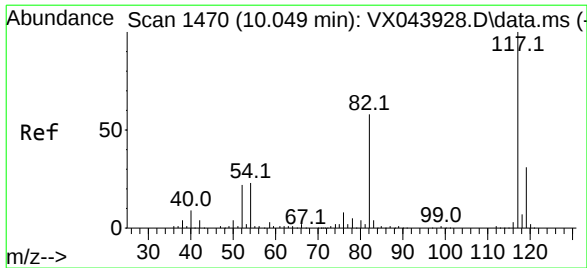
Ion Ratio Lower Upper

95 100

174 68.4 0.0 150.4

176 66.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA\_X

ClientSampleId :

SPLP-C5-2RE

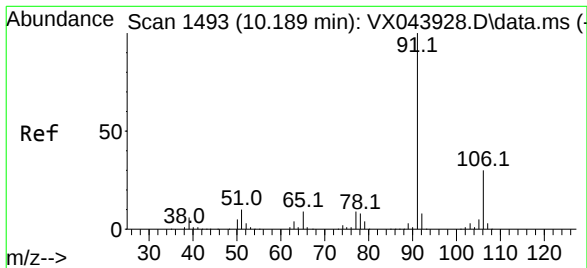
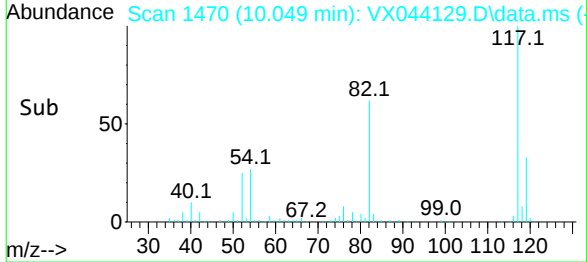
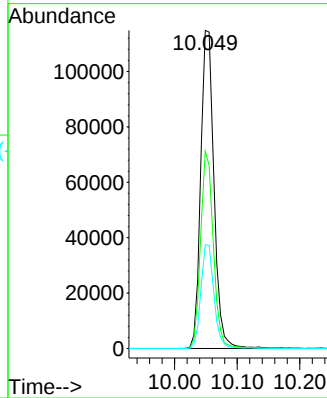
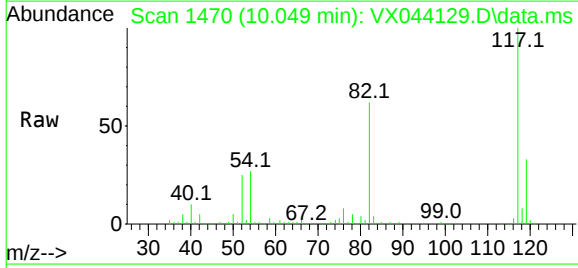
Tgt Ion:117 Resp: 169469

Ion Ratio Lower Upper

117 100

82 62.0 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 13.703 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044129.D

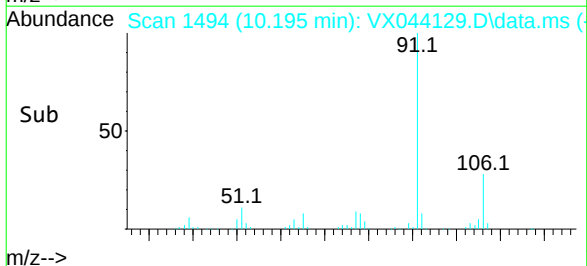
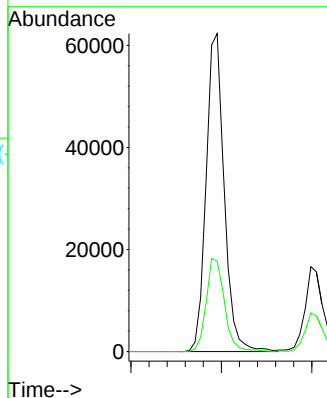
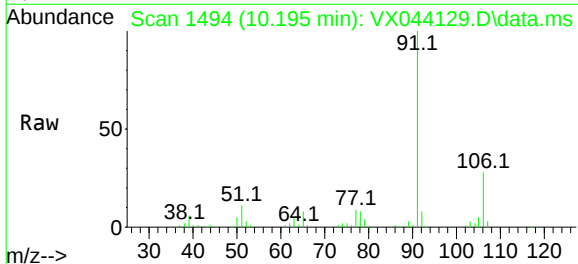
Acq: 04 Dec 2024 19:57

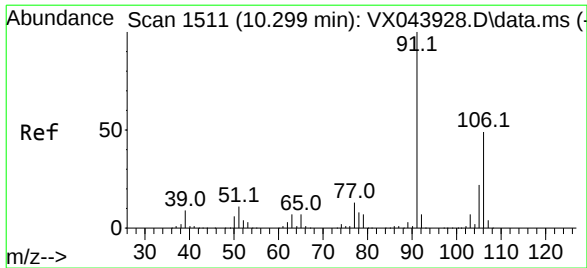
Tgt Ion: 91 Resp: 86422

Ion Ratio Lower Upper

91 100

106 28.4 23.6 35.4





#68

m/p-Xylenes

Concen: 4.764 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA\_X

ClientSampleId :

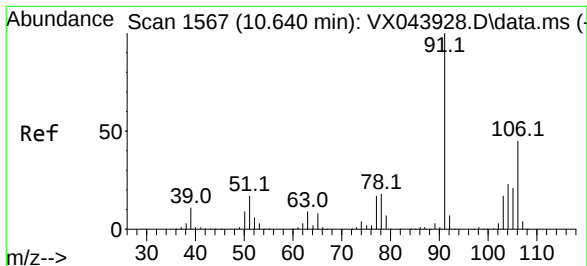
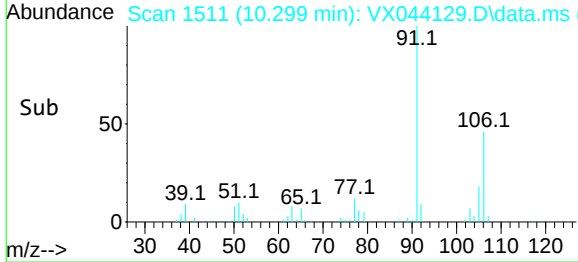
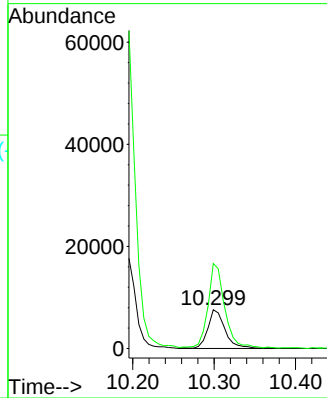
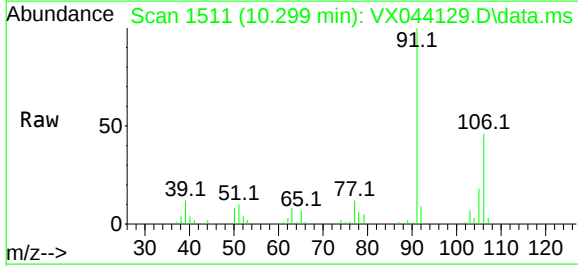
SPLP-C5-2RE

Tgt Ion:106 Resp: 11205

Ion Ratio Lower Upper

106 100

91 211.5 168.1 252.1



#69

o-Xylene

Concen: 3.725 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044129.D

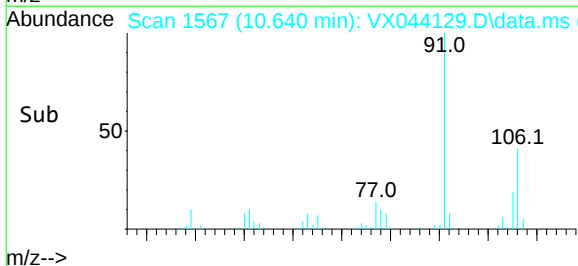
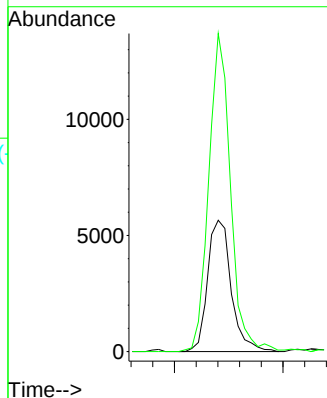
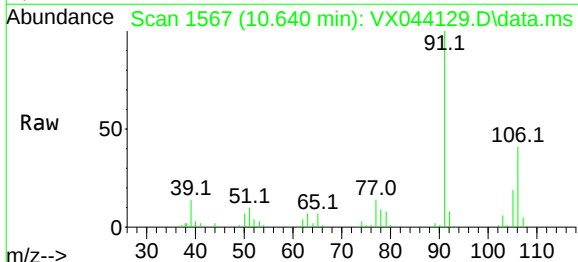
Acq: 04 Dec 2024 19:57

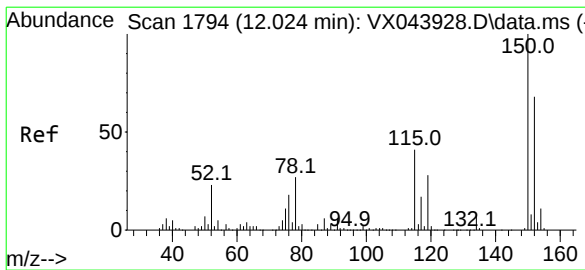
Tgt Ion:106 Resp: 8554

Ion Ratio Lower Upper

106 100

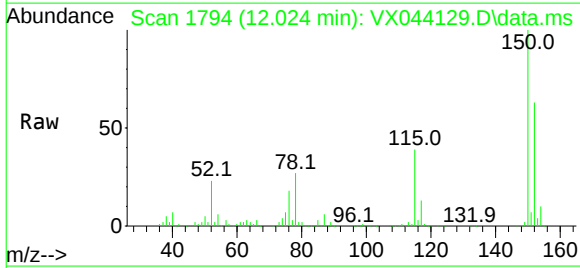
91 222.6 110.2 330.6



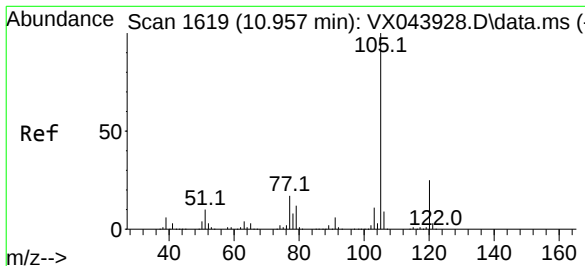
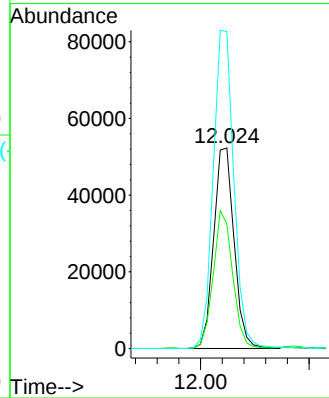
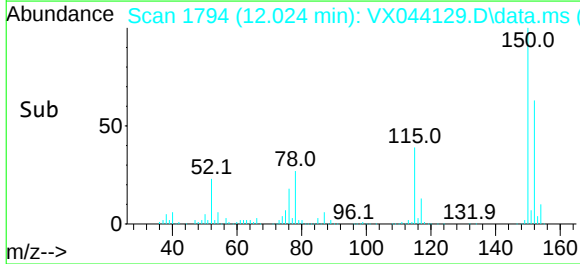


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

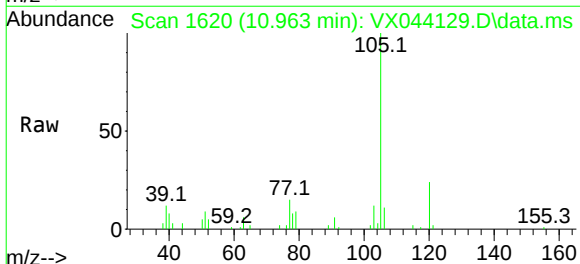
Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C5-2RE



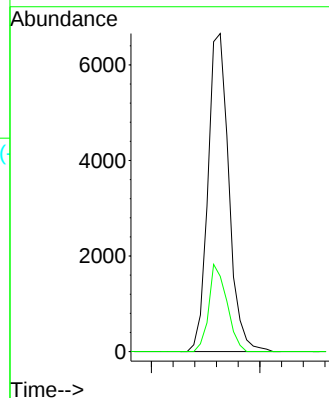
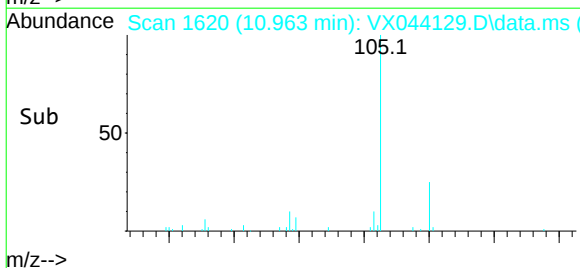
Tgt Ion:152 Resp: 68386  
Ion Ratio Lower Upper  
152 100  
115 65.6 45.4 136.2  
150 160.9 0.0 353.0

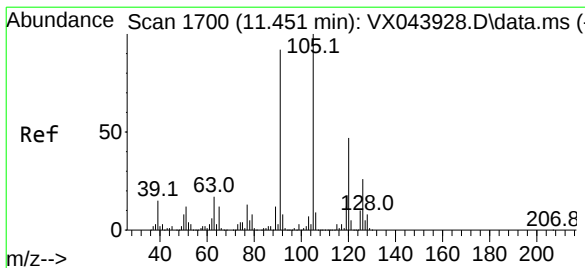


#73  
Isopropylbenzene  
Concen: 1.693 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.006 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57



Tgt Ion:105 Resp: 8899  
Ion Ratio Lower Upper  
105 100  
120 23.7 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.811 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA\_X

ClientSampleId :

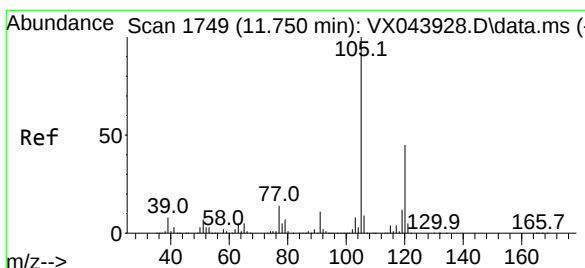
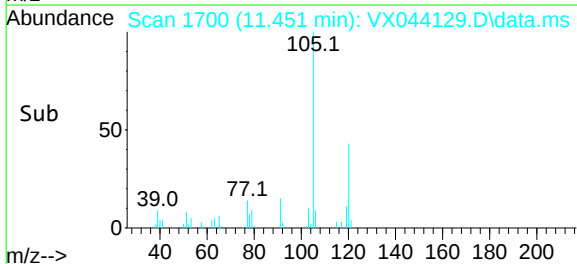
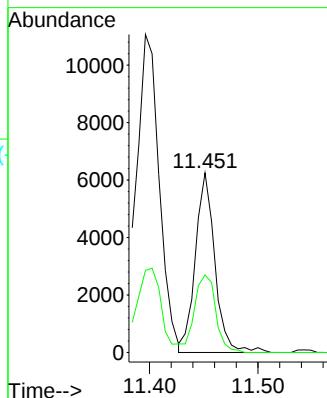
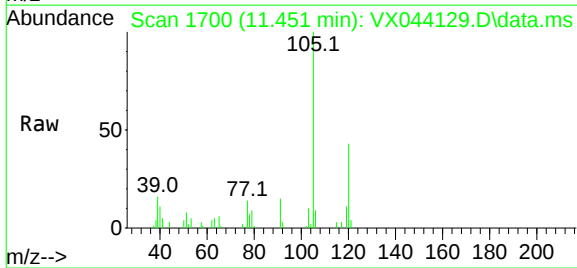
SPLP-C5-2RE

Tgt Ion:105 Resp: 7833

Ion Ratio Lower Upper

105 100

120 45.8 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 6.998 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044129.D

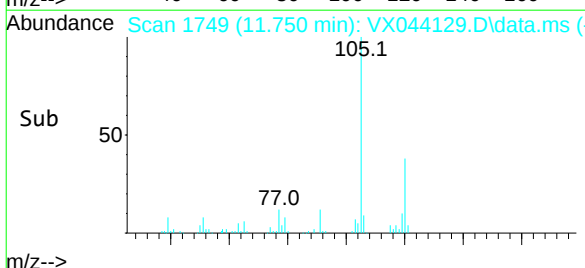
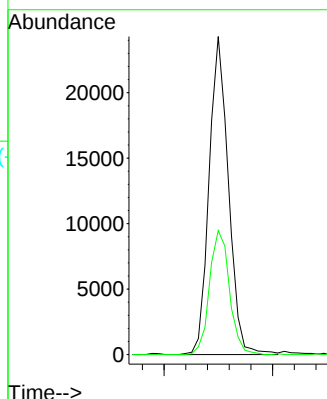
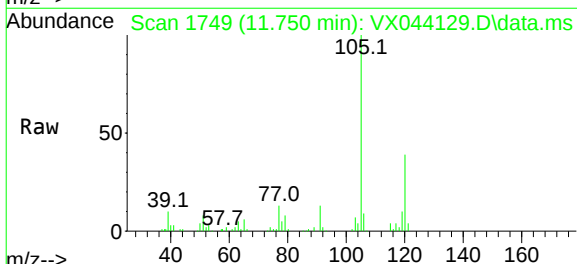
Acq: 04 Dec 2024 19:57

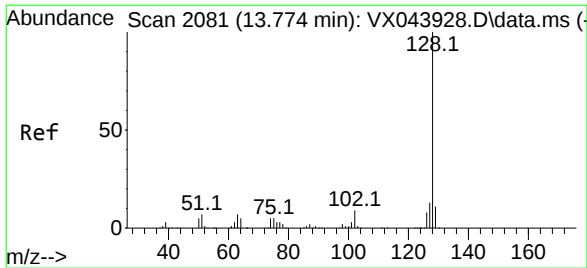
Tgt Ion:105 Resp: 30130

Ion Ratio Lower Upper

105 100

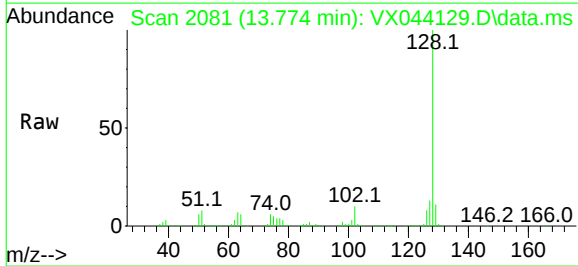
120 40.1 21.9 65.7





#95  
Naphthalene  
Concen: 359.667 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044129.D  
Acq: 04 Dec 2024 19:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C5-2RE



Tgt Ion:128 Resp: 1759335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.2  | 15.2  |
| 129 | 11.0  | 8.6   | 12.8  |

