

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
 Data File : VX044119.D  
 Acq On : 04 Dec 2024 16:06  
 Operator : JC/MD  
 Sample : P5006-11DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SPLP-C10-3DL

Quant Time: Dec 05 00:29:27 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

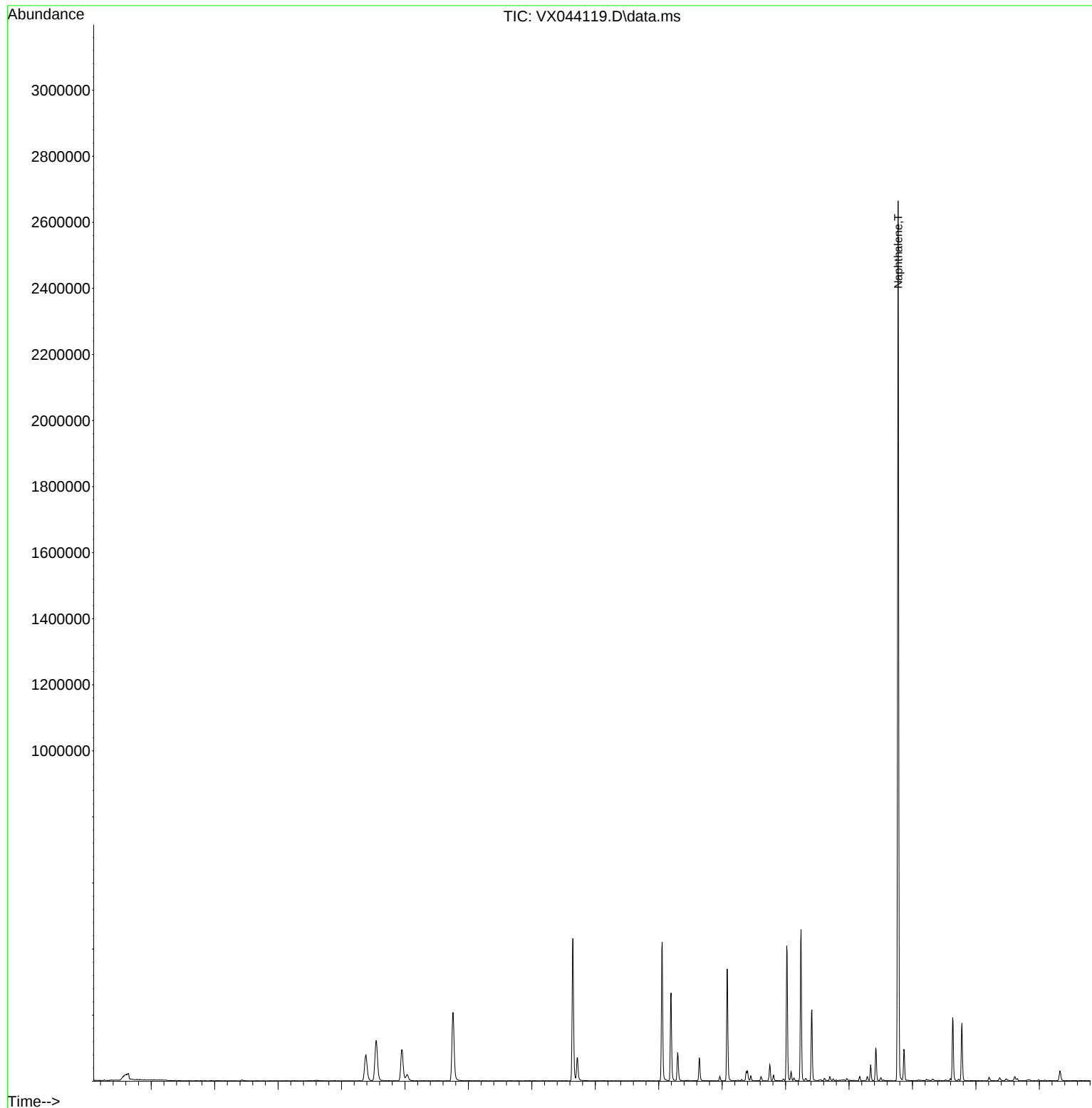
| Compound                    | R.T. QIon |                | Response | Conc       | Units | Dev(Min)    |
|-----------------------------|-----------|----------------|----------|------------|-------|-------------|
| -----                       |           |                |          |            |       |             |
| Internal Standards          |           |                |          |            |       |             |
| 1) Pentafluorobenzene       | 5.550     | 168            | 105088   | 50.000     | ug/l  | 0.01        |
| 34) 1,4-Difluorobenzene     | 6.757     | 114            | 207247   | 50.000     | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 10.055    | 117            | 179989   | 50.000     | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152            | 78940    | 50.000     | ug/l  | 0.00        |
| System Monitoring Compounds |           |                |          |            |       |             |
| 33) 1,2-Dichloroethane-d4   | 5.946     | 65             | 95558    | 53.016     | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | = 106.040% |       |             |
| 35) Dibromofluoromethane    | 5.385     | 113            | 66777    | 45.093     | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | = 90.180%  |       |             |
| 50) Toluene-d8              | 8.647     | 98             | 252799   | 49.522     | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | = 99.040%  |       |             |
| 62) 4-Bromofluorobenzene    | 11.079    | 95             | 87633    | 50.442     | ug/l  | 0.00        |
| Spiked Amount               | 50.000    | Range 77 - 121 | Recovery | = 100.880% |       |             |
| Target Compounds            |           |                |          |            |       |             |
| 40) Benzene                 | 6.037     | 78             | 20920    | 3.639      | ug/l  | Qvalue # 90 |
| 52) Toluene                 | 8.720     | 92             | 26069    | 7.577      | ug/l  | 96          |
| 67) Ethyl Benzene           | 10.195    | 91             | 159847   | 23.863     | ug/l  | 99          |
| 68) m/p-Xylenes             | 10.299    | 106            | 20077    | 8.037      | ug/l  | 96          |
| 69) o-Xylene                | 10.640    | 106            | 14903    | 6.110      | ug/l  | 93          |
| 73) Isopropylbenzene        | 10.963    | 105            | 7028     | 1.158      | ug/l  | 98          |
| 80) 1,3,5-Trimethylbenzene  | 11.451    | 105            | 6761     | 1.354      | ug/l  | 97          |
| 84) 1,2,4-Trimethylbenzene  | 11.756    | 105            | 21741    | 4.374      | ug/l  | 99          |
| 95) Naphthalene             | 13.774    | 128            | 1497967  | 265.292    | ug/l  | 100         |
| -----                       |           |                |          |            |       |             |

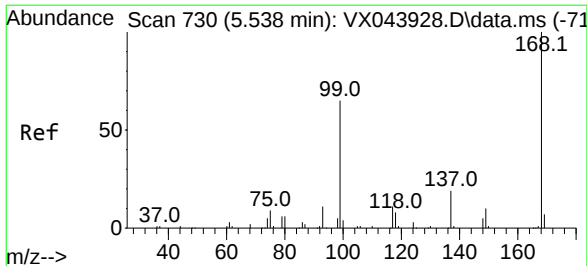
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120424\  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C10-3DL

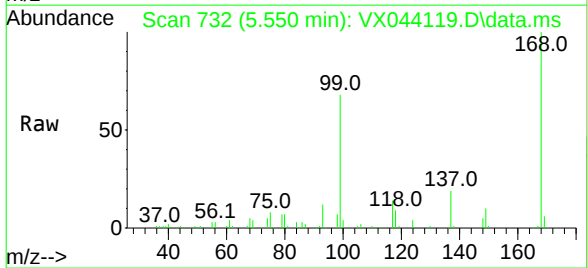
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



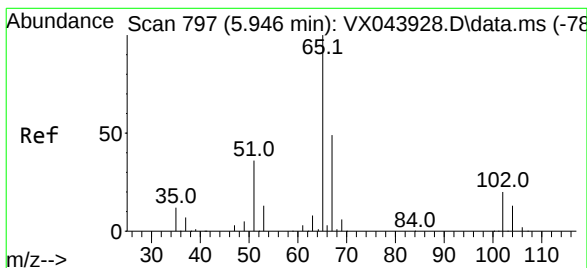
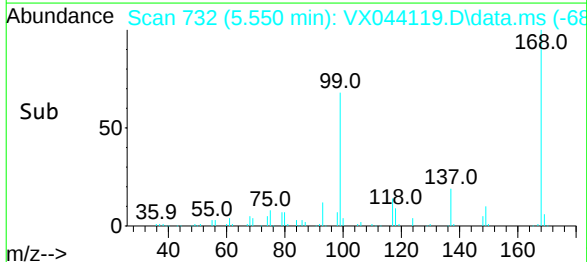
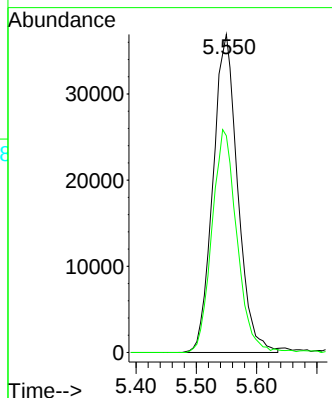


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 730  
Delta R.T. 0.012 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C10-3DL

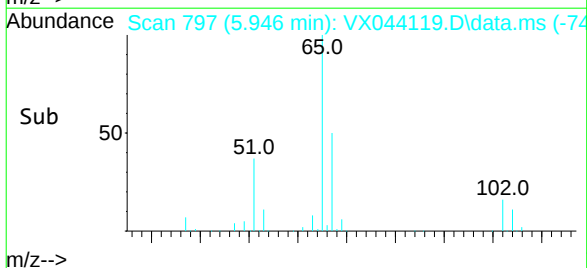
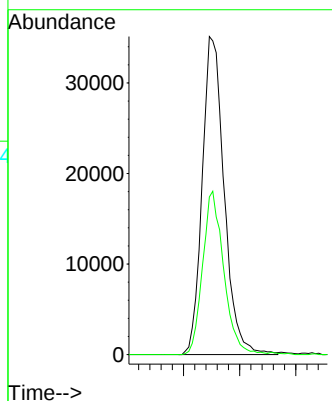
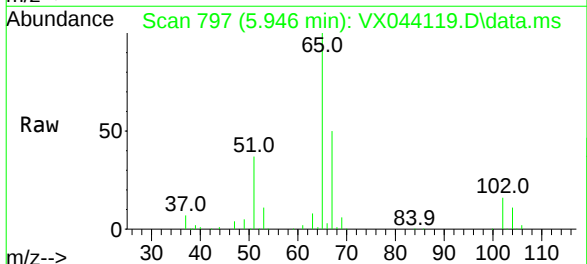


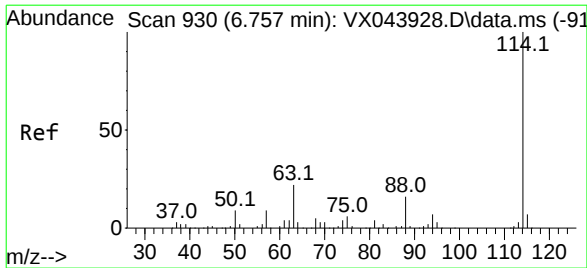
Tgt Ion:168 Resp: 105088  
Ion Ratio Lower Upper  
168 100  
99 68.1 51.8 77.8



#33  
1,2-Dichloroethane-d4  
Concen: 53.016 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

Tgt Ion: 65 Resp: 95558  
Ion Ratio Lower Upper  
65 100  
67 49.3 0.0 100.8

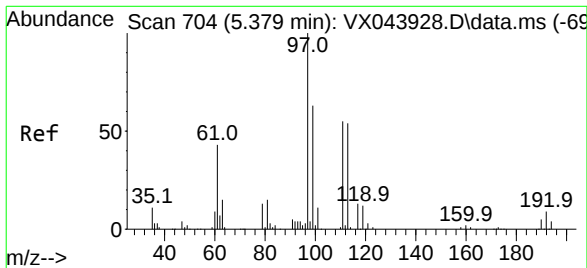
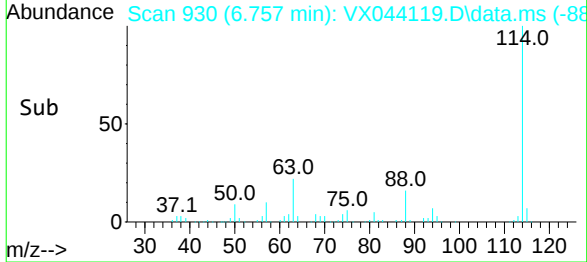
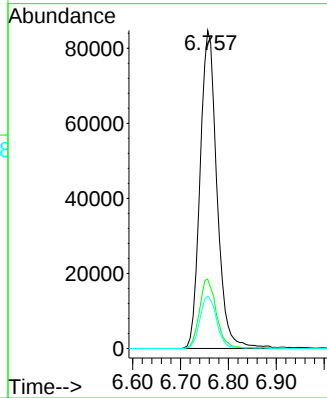
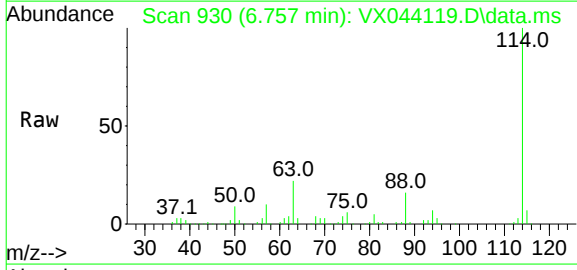




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

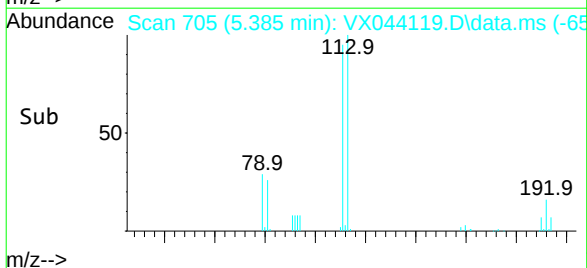
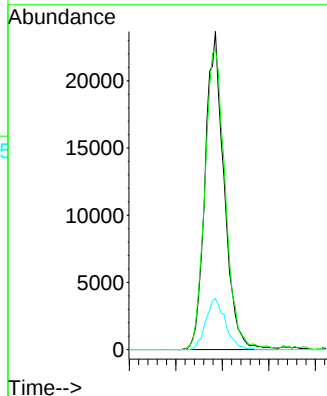
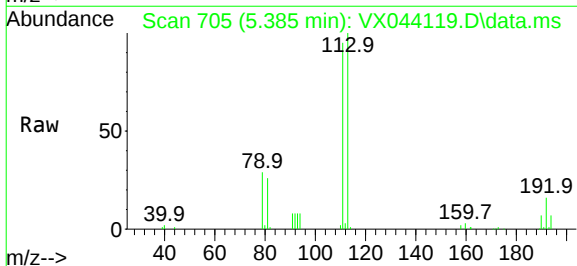
Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C10-3DL

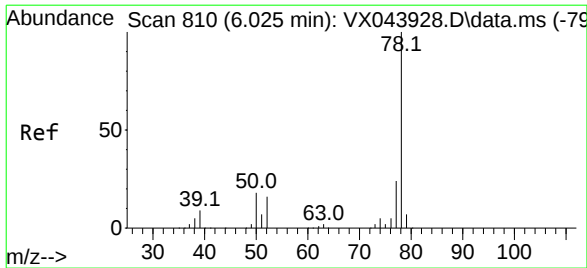
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 207247 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.8  | 0.0   | 44.0   |
| 88       | 16.4  | 0.0   | 32.4   |



#35  
Dibromofluoromethane  
Concen: 45.093 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 66777 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.7 | 81.0  | 121.4 |
| 192      | 16.6  | 13.0  | 19.6  |





#40

Benzene

Concen: 3.639 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA\_X

ClientSampleId :

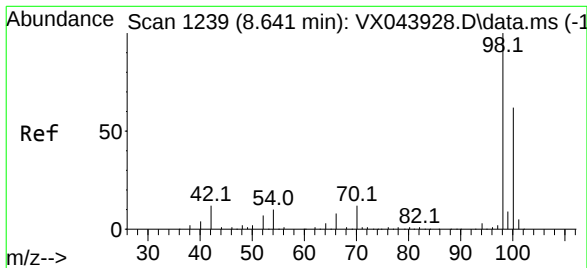
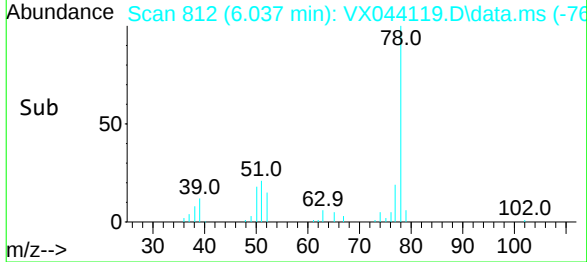
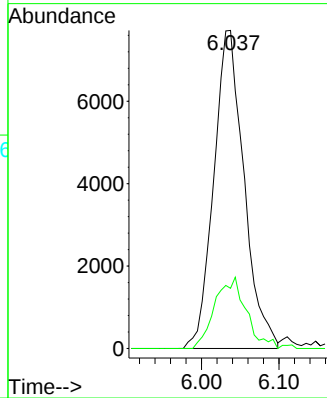
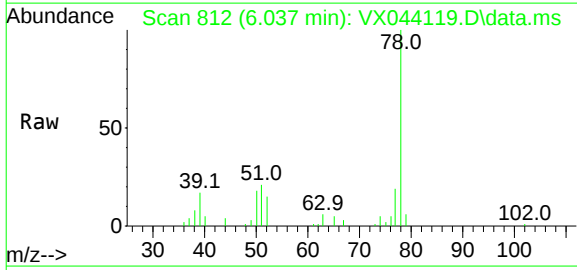
SPLP-C10-3DL

Tgt Ion: 78 Resp: 20920

Ion Ratio Lower Upper

78 100

77 18.9 19.2 28.8#



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044119.D

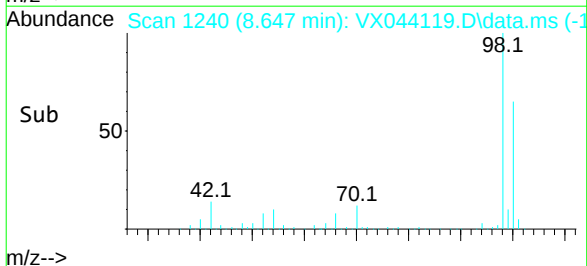
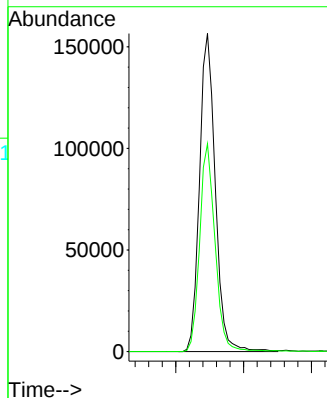
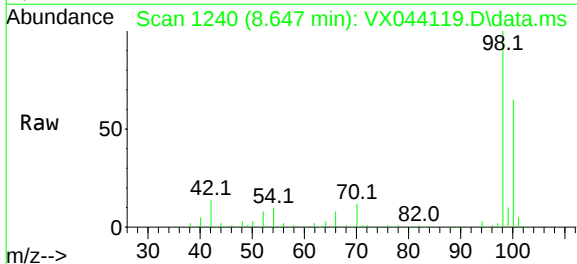
Acq: 04 Dec 2024 16:06

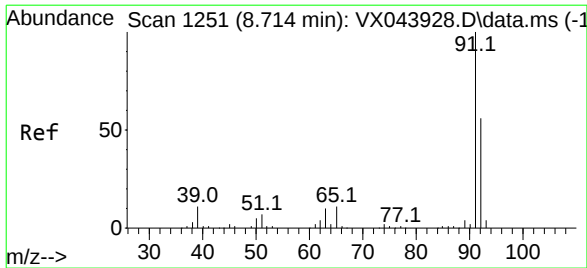
Tgt Ion: 98 Resp: 252799

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0





#52

Toluene

Concen: 7.577 ug/l

RT: 8.720 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA\_X

ClientSampleId :

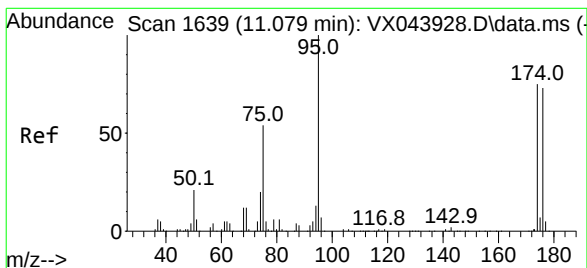
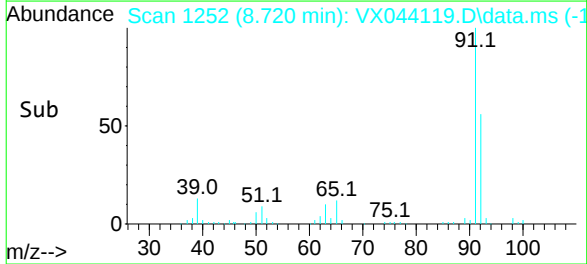
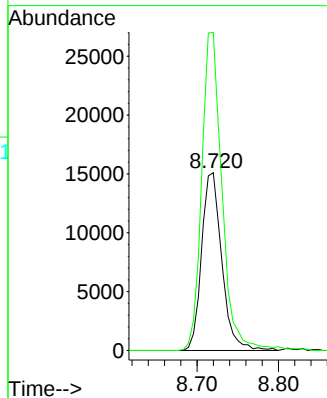
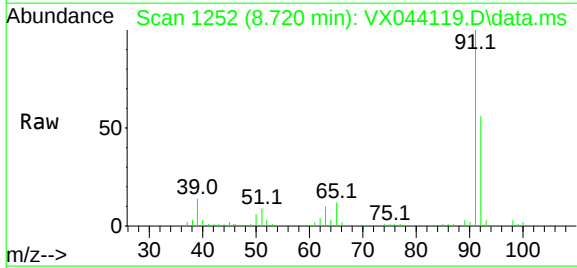
SPLP-C10-3DL

Tgt Ion: 92 Resp: 26069

Ion Ratio Lower Upper

92 100

91 180.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

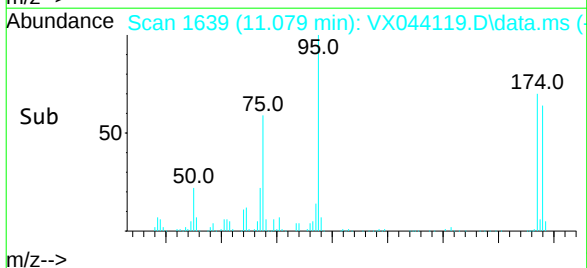
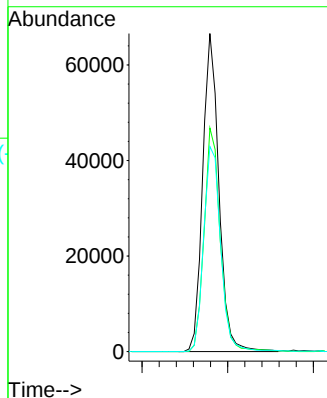
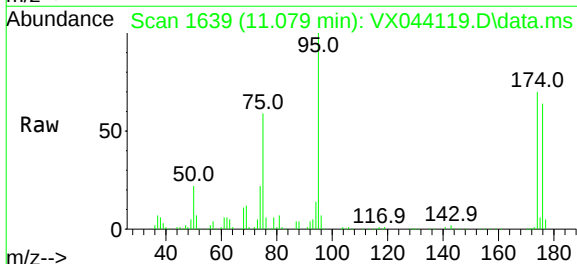
Tgt Ion: 95 Resp: 87633

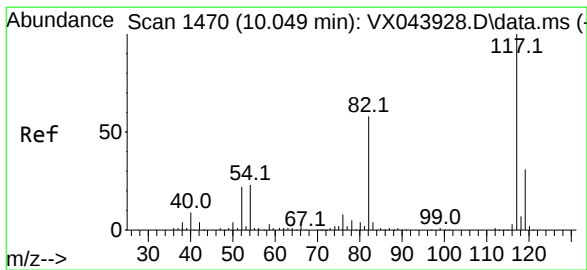
Ion Ratio Lower Upper

95 100

174 70.0 0.0 150.4

176 67.7 0.0 146.0

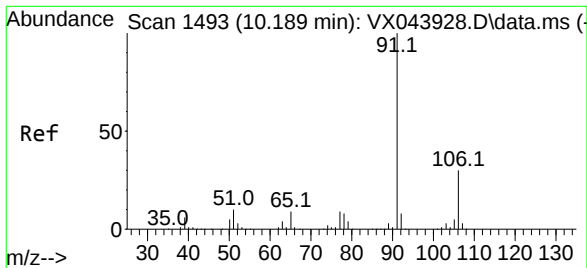
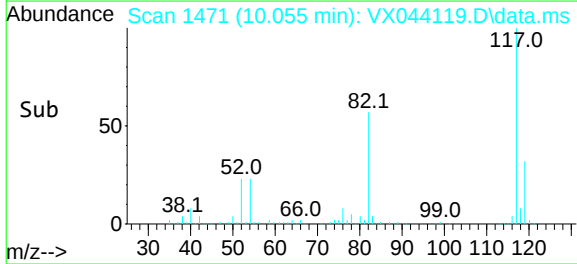
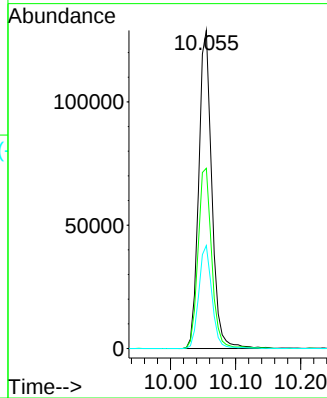
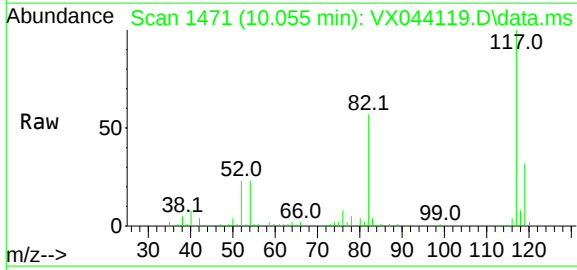




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

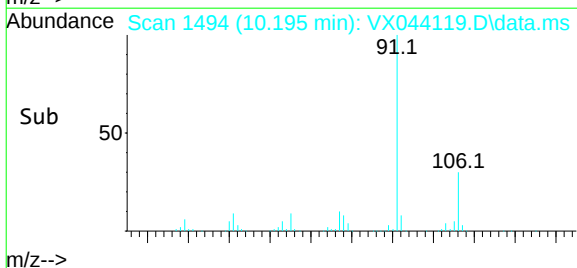
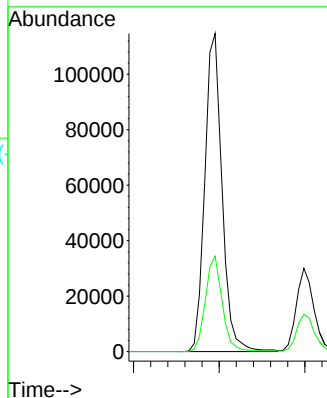
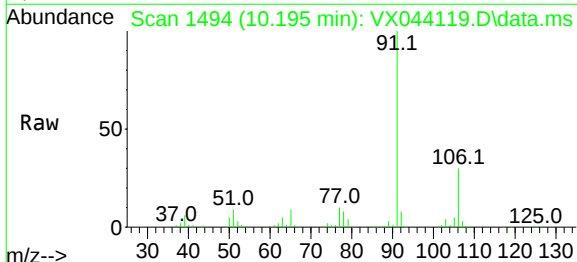
Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C10-3DL

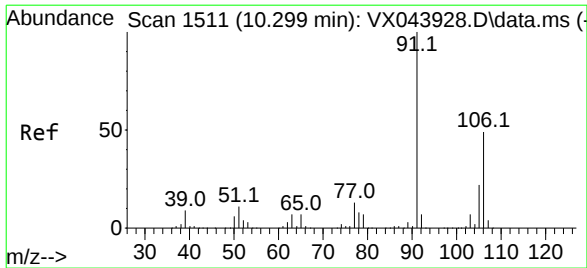
Tgt Ion:117 Resp: 179989  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.4 69.6  
119 32.4 24.6 37.0



#67  
Ethyl Benzene  
Concen: 23.863 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

Tgt Ion: 91 Resp: 159847  
Ion Ratio Lower Upper  
91 100  
106 30.0 23.6 35.4





#68

m/p-Xylenes

Concen: 8.037 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA\_X

ClientSampleId :

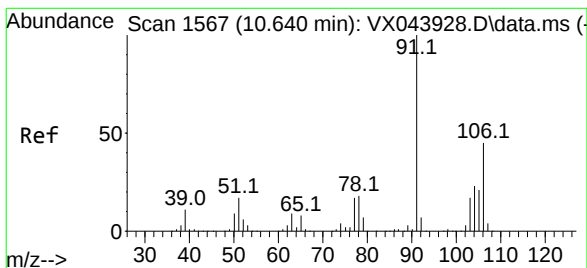
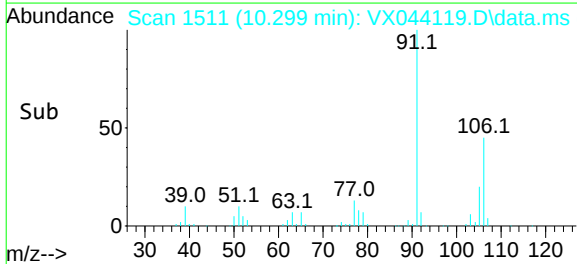
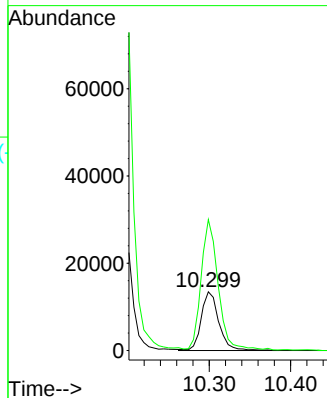
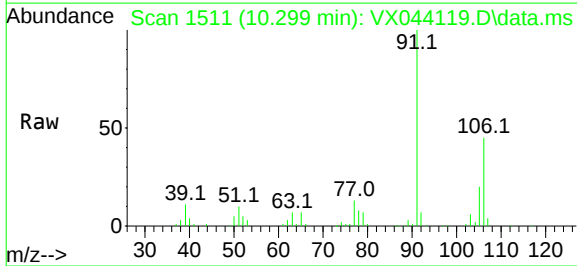
SPLP-C10-3DL

Tgt Ion:106 Resp: 20077

Ion Ratio Lower Upper

106 100

91 216.1 168.1 252.1



#69

o-Xylene

Concen: 6.110 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044119.D

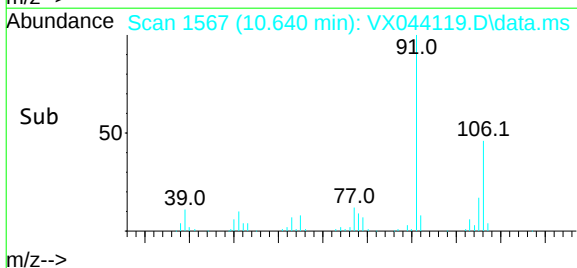
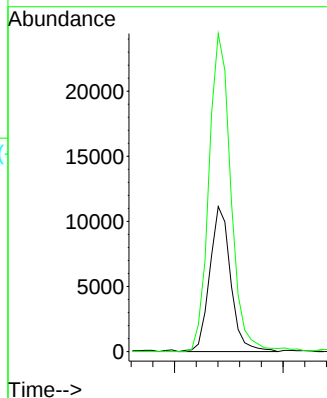
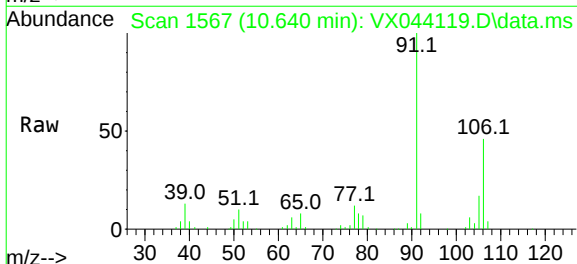
Acq: 04 Dec 2024 16:06

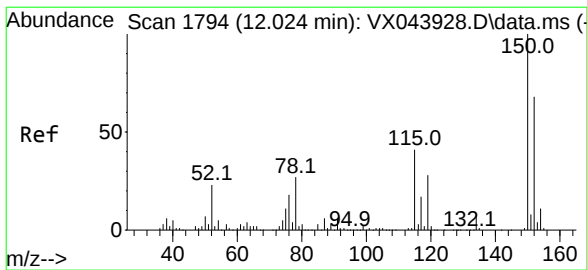
Tgt Ion:106 Resp: 14903

Ion Ratio Lower Upper

106 100

91 231.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA\_X

ClientSampleId :

SPLP-C10-3DL

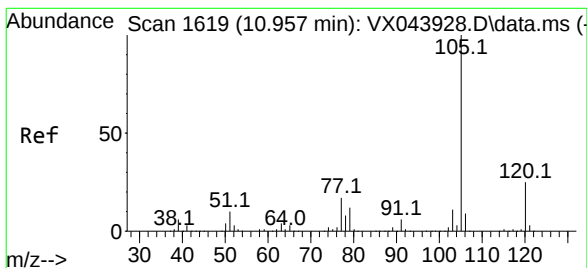
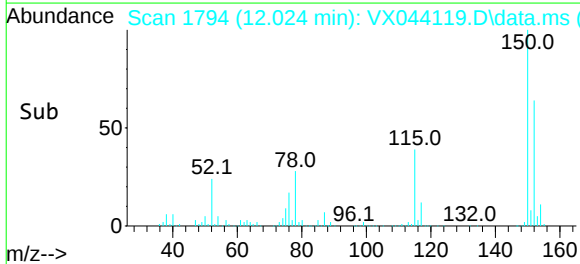
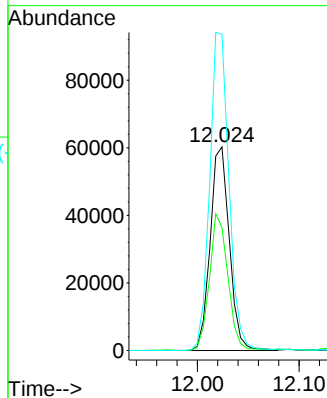
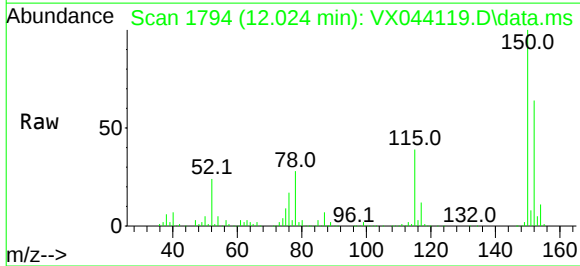
Tgt Ion:152 Resp: 78940

Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 156.3 0.0 353.0



#73

Isopropylbenzene

Concen: 1.158 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044119.D

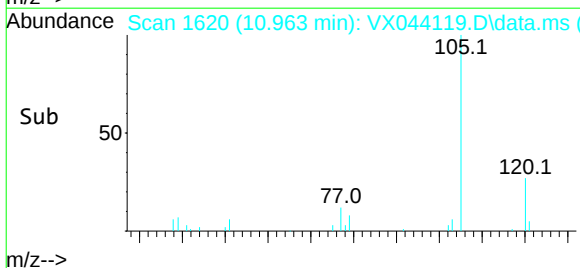
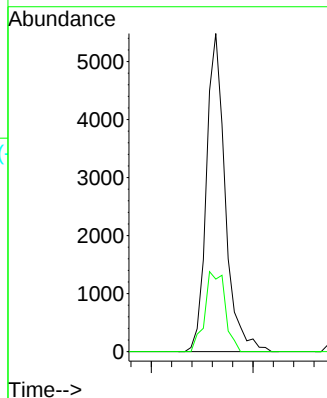
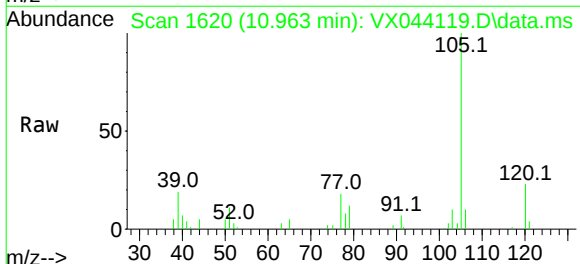
Acq: 04 Dec 2024 16:06

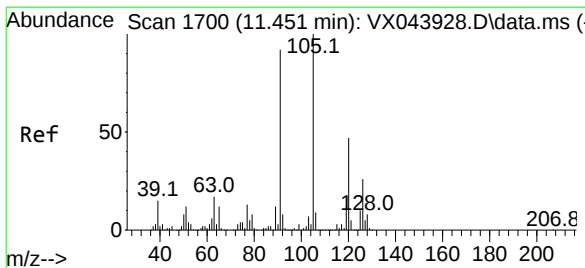
Tgt Ion:105 Resp: 7028

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.354 ug/l

RT: 11.451 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA\_X

ClientSampleId :

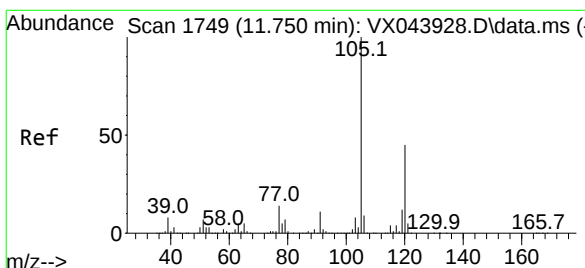
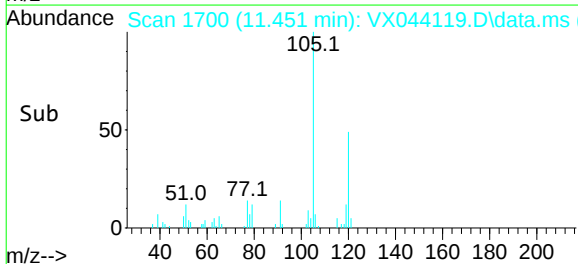
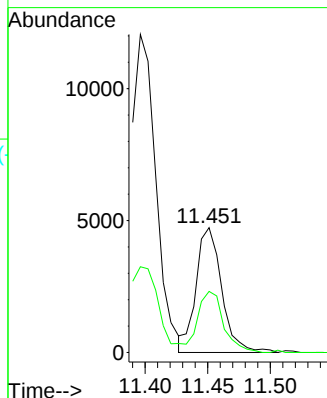
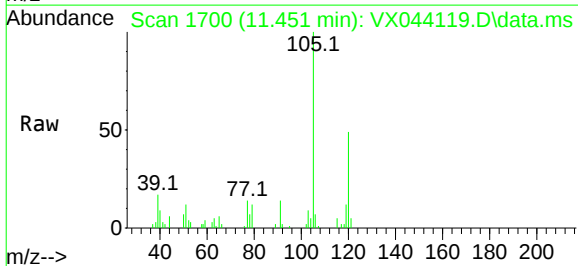
SPLP-C10-3DL

Tgt Ion:105 Resp: 6761

Ion Ratio Lower Upper

105 100

120 48.2 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 4.374 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX044119.D

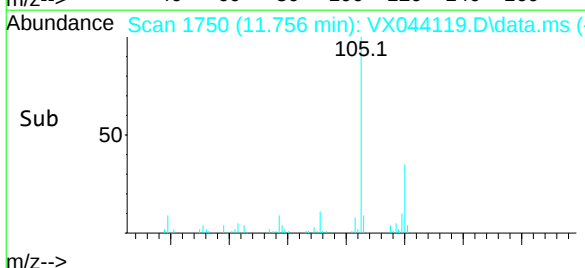
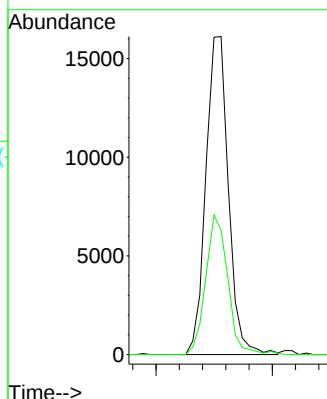
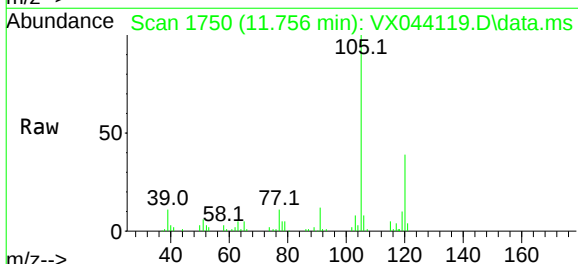
Acq: 04 Dec 2024 16:06

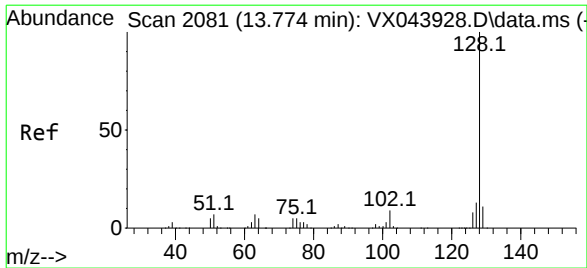
Tgt Ion:105 Resp: 21741

Ion Ratio Lower Upper

105 100

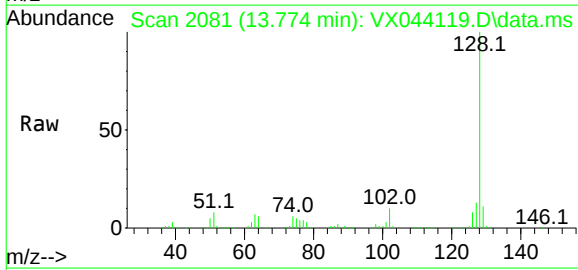
120 43.0 21.9 65.7





#95  
Naphthalene  
Concen: 265.292 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044119.D  
Acq: 04 Dec 2024 16:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C10-3DL



Tgt Ion:128 Resp: 1497967

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.2  | 15.2  |
| 129 | 10.8  | 8.6   | 12.8  |

