

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120224\  
 Data File : VX044074.D  
 Acq On : 02 Dec 2024 18:18  
 Operator : JC/MD  
 Sample : P5001-11RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SPLP-C4-1RE

Quant Time: Dec 03 00:26:56 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

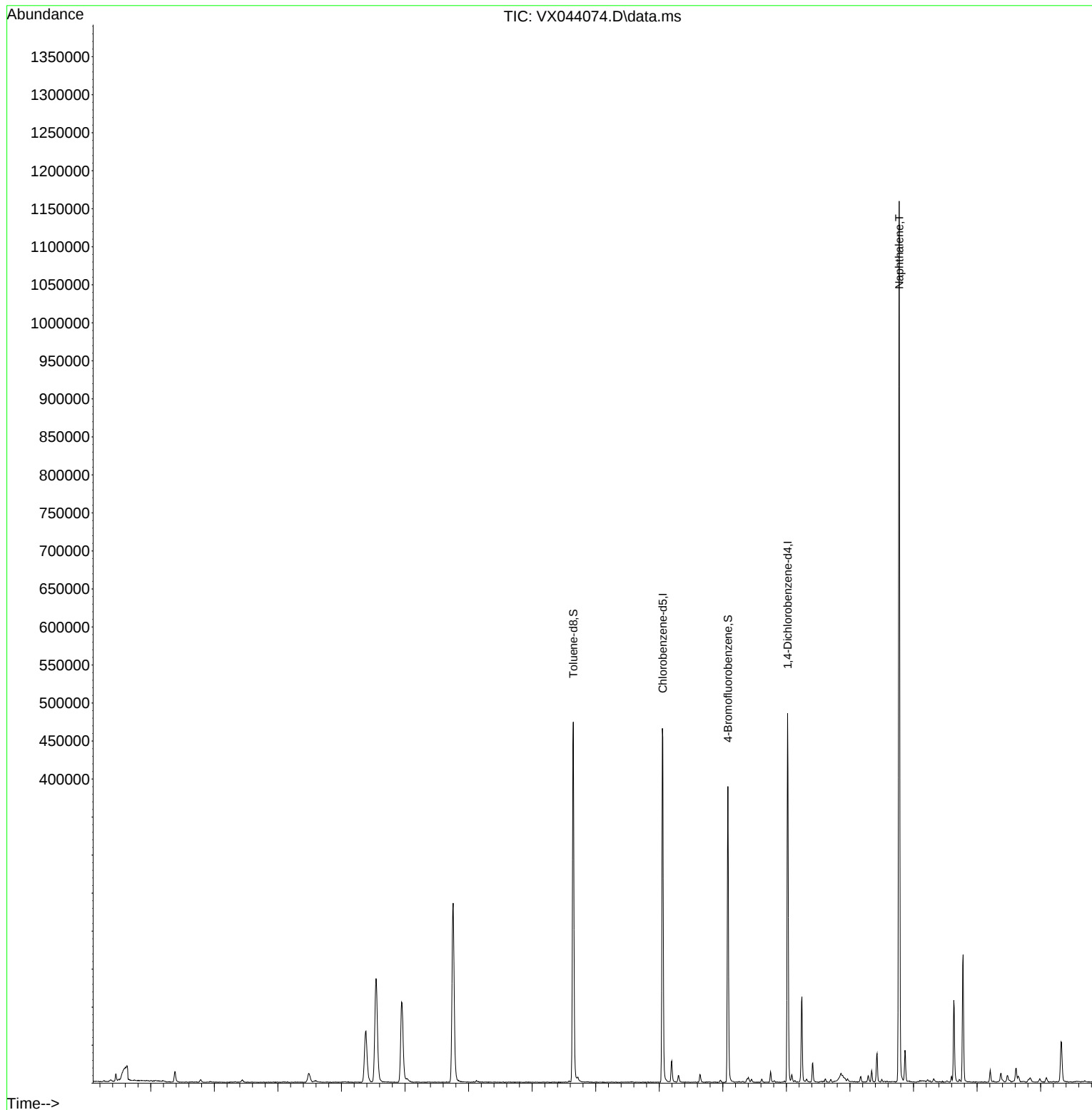
| Compound                    | R.T.   | QIon           | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|--------|----------------|----------|------------|--------|----------|
| -----                       |        |                |          |            |        |          |
| Internal Standards          |        |                |          |            |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168            | 118857   | 50.000     | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114            | 232004   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117            | 201444   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152            | 88047    | 50.000     | ug/l   | 0.00     |
| System Monitoring Compounds |        |                |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65             | 106693   | 52.336     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 74 - 125 | Recovery | = 104.680% |        |          |
| 35) Dibromofluoromethane    | 5.385  | 113            | 57154    | 34.476     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 68.960%# |        |          |
| 50) Toluene-d8              | 8.647  | 98             | 282050   | 49.356     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 86 - 113 | Recovery | = 98.720%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95             | 99442    | 51.132     | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range 77 - 121 | Recovery | = 102.260% |        |          |
| Target Compounds            |        |                |          |            |        |          |
|                             |        |                |          |            | Qvalue |          |
| 16) Acetone                 | 2.380  | 43             | 15870    | 16.949     | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene  | 4.483  | 96             | 7451     | 4.263      | ug/l   | 87       |
| 67) Ethyl Benzene           | 10.195 | 91             | 16960    | 2.262      | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105            | 5778     | 1.042      | ug/l   | 97       |
| 95) Naphthalene             | 13.774 | 128            | 657879   | 104.460    | ug/l   | 99       |
| -----                       |        |                |          |            |        |          |

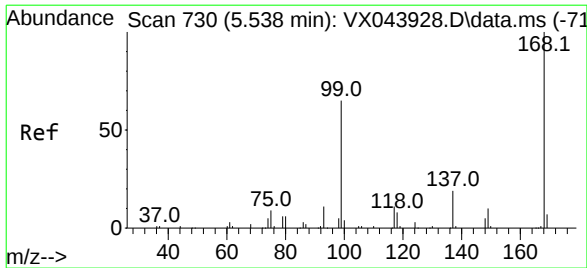
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120224\  
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Sample : P5001-11RE  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C4-1RE

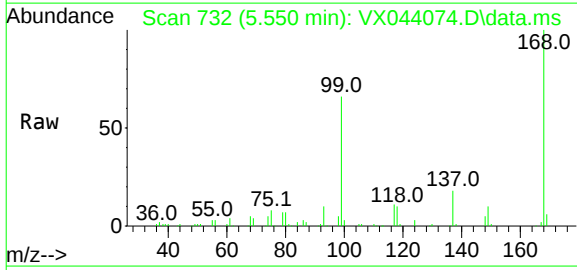
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



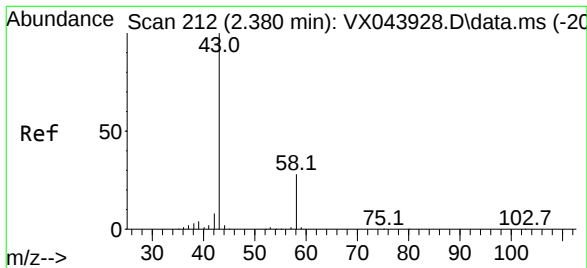
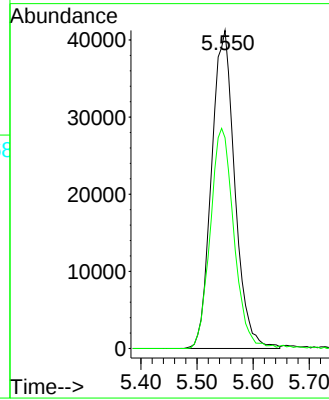
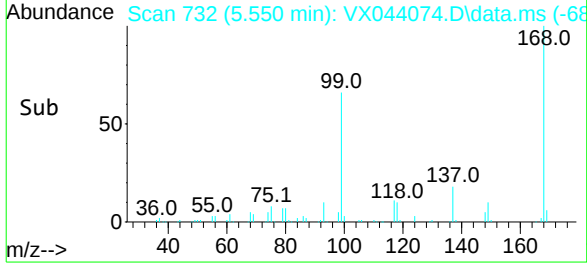


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 730  
Delta R.T. 0.012 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C4-1RE

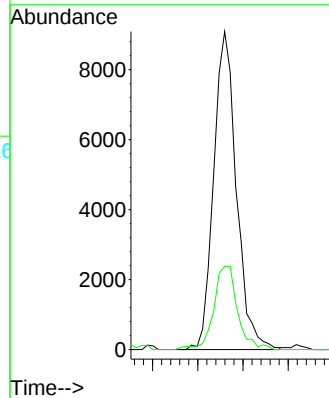
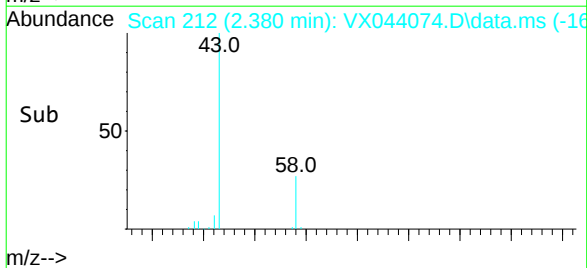
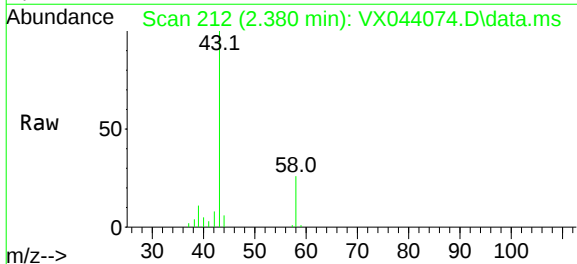


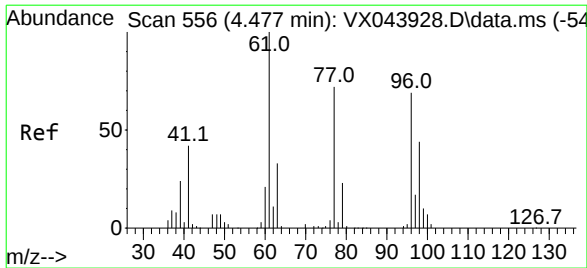
Tgt Ion:168 Resp: 118857  
Ion Ratio Lower Upper  
168 100  
99 66.2 51.8 77.8



#16  
Acetone  
Concen: 16.949 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Tgt Ion: 43 Resp: 15870  
Ion Ratio Lower Upper  
43 100  
58 26.2 22.7 34.1

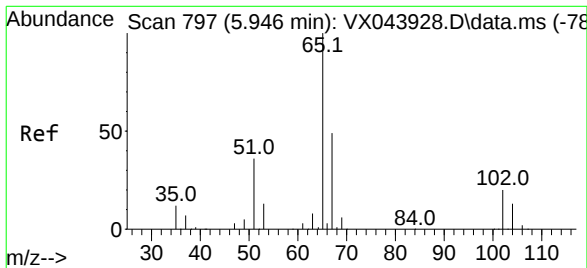
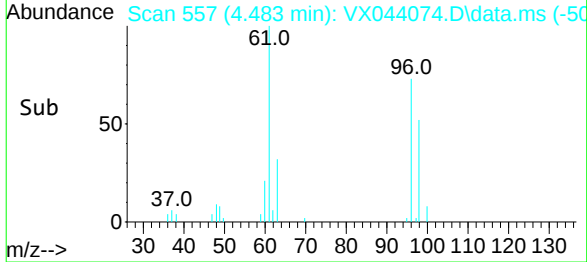
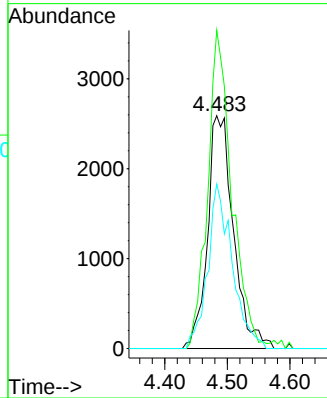
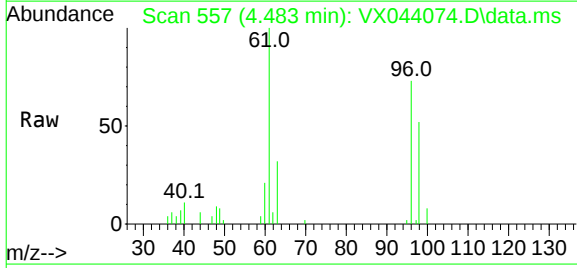




#27  
 cis-1,2-Dichloroethene  
 Concen: 4.263 ug/l  
 RT: 4.483 min Scan# 556  
 Delta R.T. 0.006 min  
 Lab File: VX044074.D  
 Acq: 02 Dec 2024 18:18

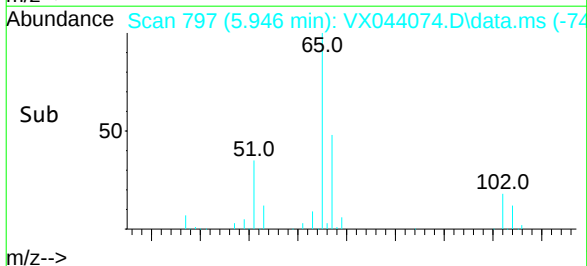
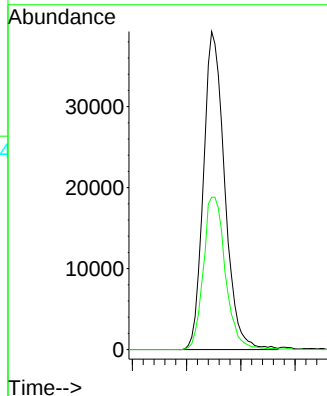
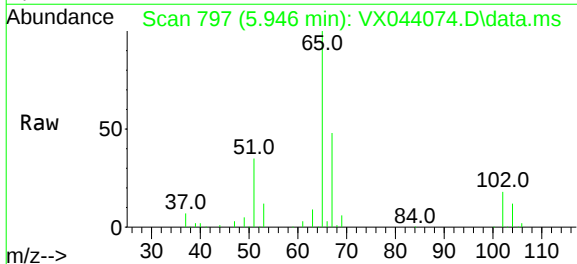
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SPLP-C4-1RE

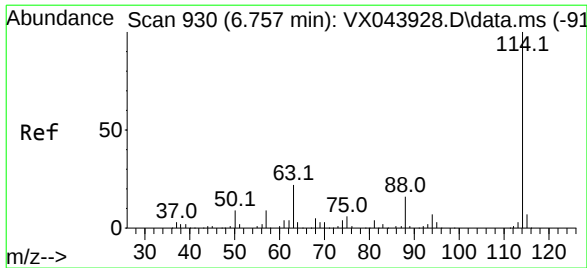
Tgt Ion: 96 Resp: 7451  
 Ion Ratio Lower Upper  
 96 100  
 61 127.3 0.0 297.4  
 98 66.9 0.0 127.8



#33  
 1,2-Dichloroethane-d4  
 Concen: 52.336 ug/l  
 RT: 5.946 min Scan# 797  
 Delta R.T. -0.000 min  
 Lab File: VX044074.D  
 Acq: 02 Dec 2024 18:18

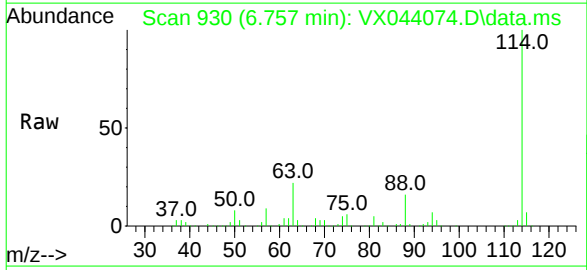
Tgt Ion: 65 Resp: 106693  
 Ion Ratio Lower Upper  
 65 100  
 67 49.9 0.0 100.8



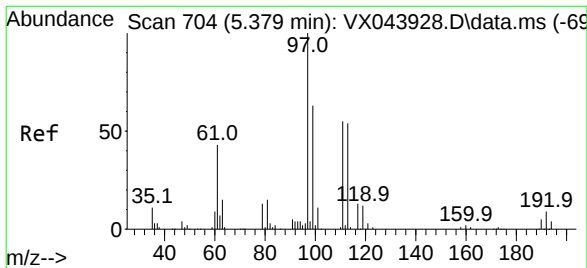
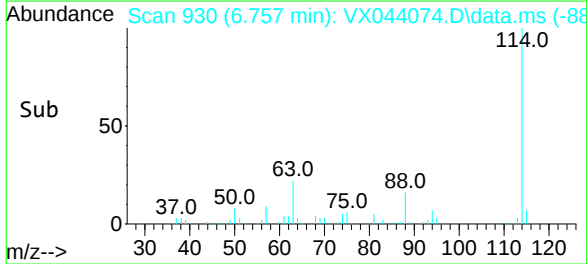
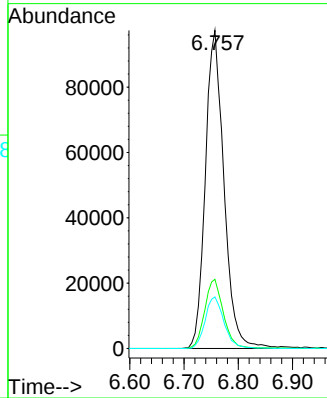


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C4-1RE

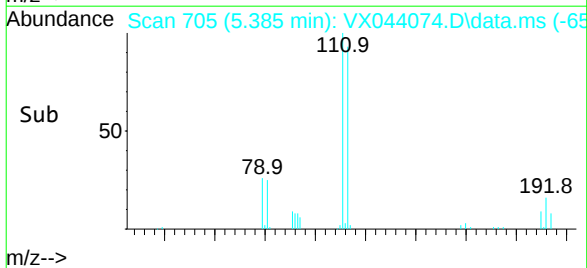
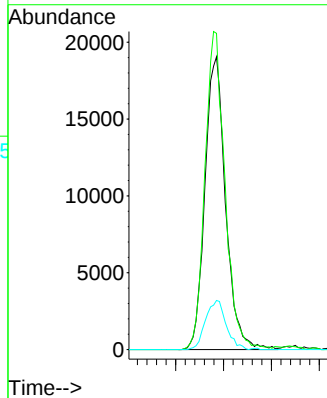
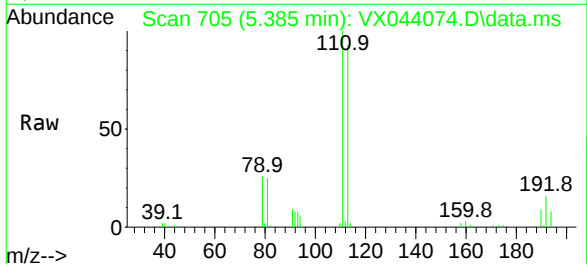


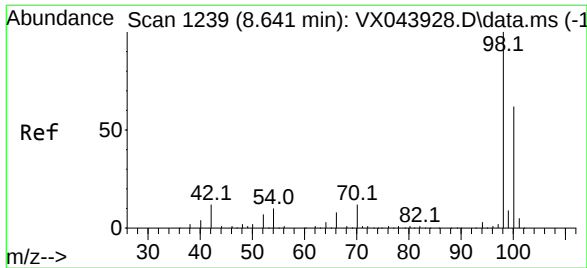
Tgt Ion:114 Resp: 232004  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 44.0  
88 16.2 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 34.476 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Tgt Ion:113 Resp: 57154  
Ion Ratio Lower Upper  
113 100  
111 105.2 81.0 121.4  
192 16.8 13.0 19.6





#50

Toluene-d8

Concen: 49.356 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

Instrument :

MSVOA\_X

ClientSampleId :

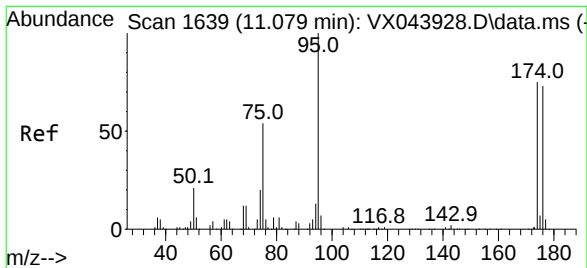
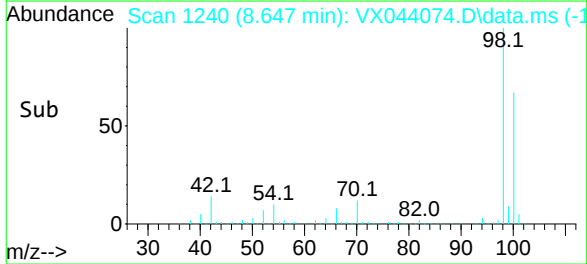
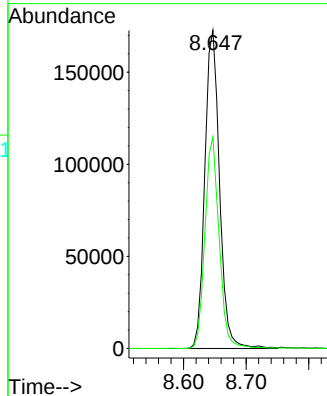
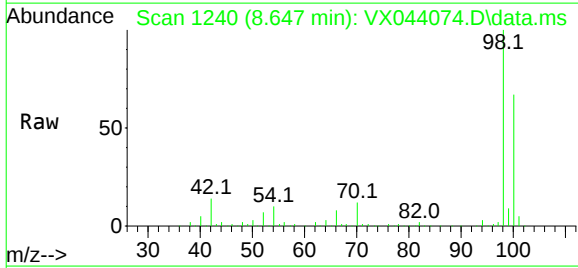
SPLP-C4-1RE

Tgt Ion: 98 Resp: 282050

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.132 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

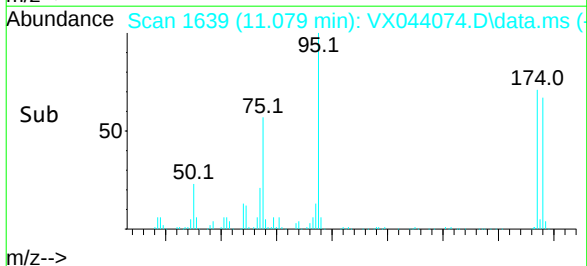
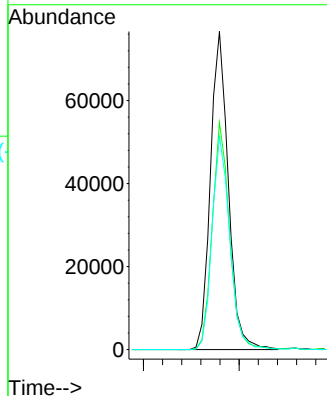
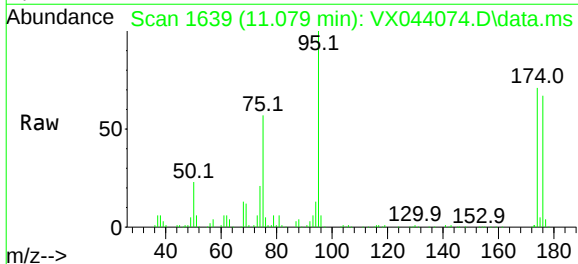
Tgt Ion: 95 Resp: 99442

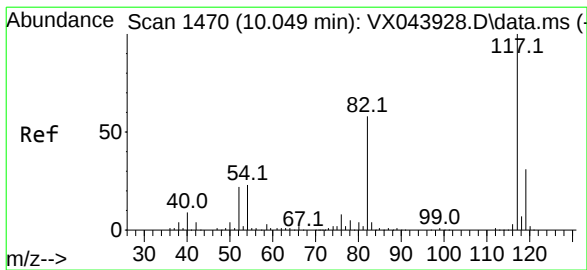
Ion Ratio Lower Upper

95 100

174 69.0 0.0 150.4

176 66.6 0.0 146.0

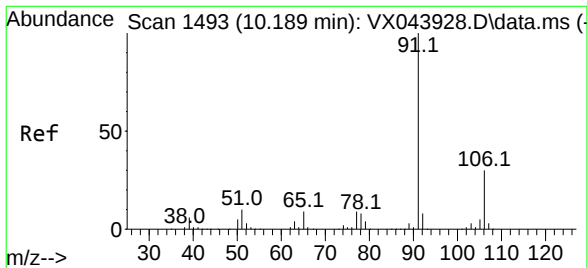
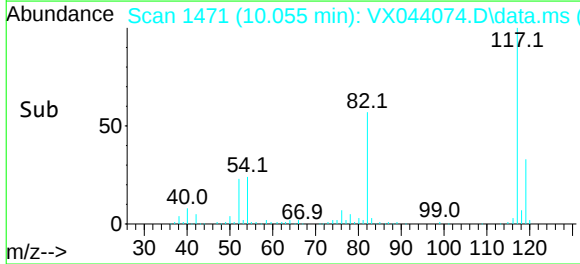
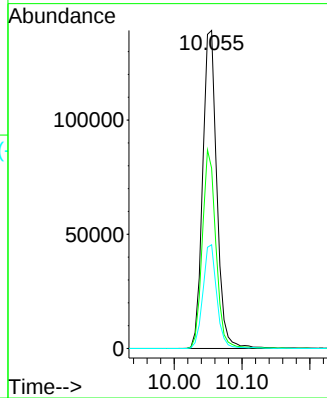
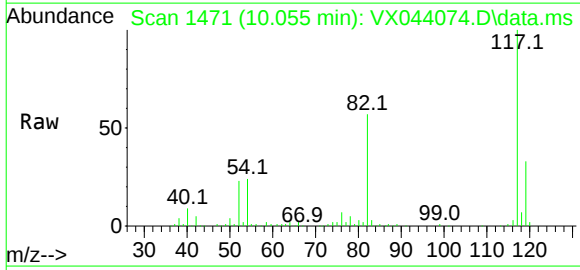




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.006 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

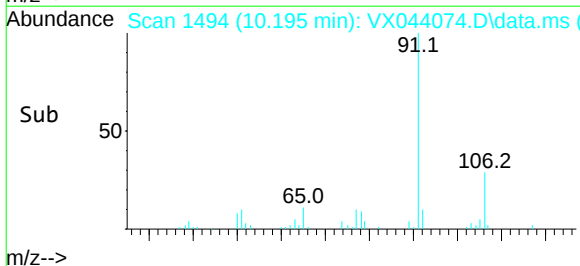
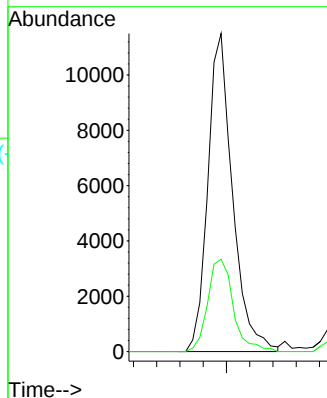
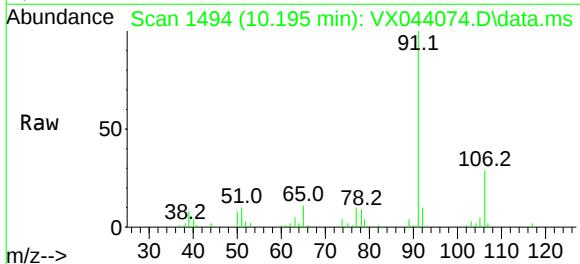
Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C4-1RE

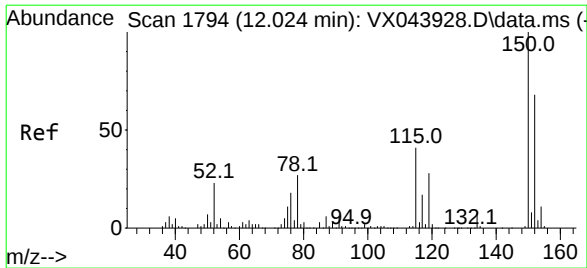
Tgt Ion: 117 Resp: 201444  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.4 69.6  
119 32.6 24.6 37.0



#67  
Ethyl Benzene  
Concen: 2.262 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Tgt Ion: 91 Resp: 16960  
Ion Ratio Lower Upper  
91 100  
106 29.0 23.6 35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044074.D

Acq: 02 Dec 2024 18:18

Instrument :

MSVOA\_X

ClientSampleId :

SPLP-C4-1RE

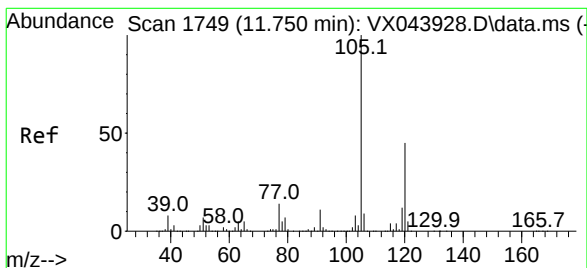
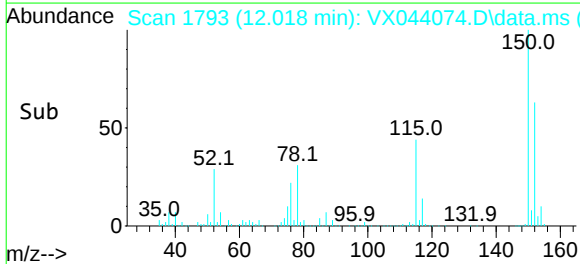
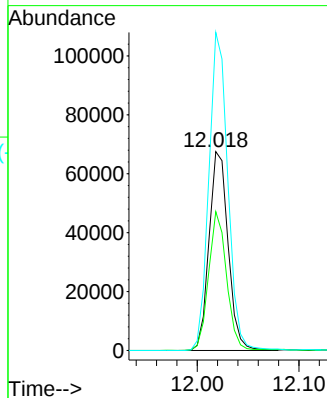
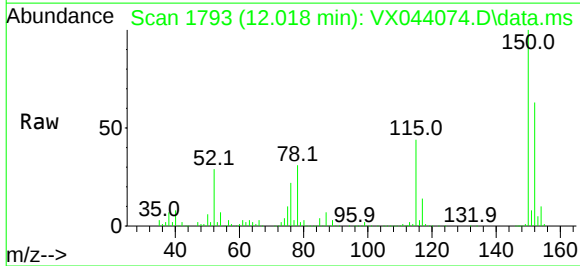
Tgt Ion:152 Resp: 88047

Ion Ratio Lower Upper

152 100

115 66.5 45.4 136.2

150 158.7 0.0 353.0



#84

1,2,4-Trimethylbenzene

Concen: 1.042 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044074.D

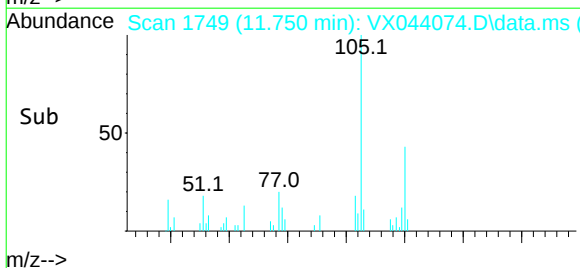
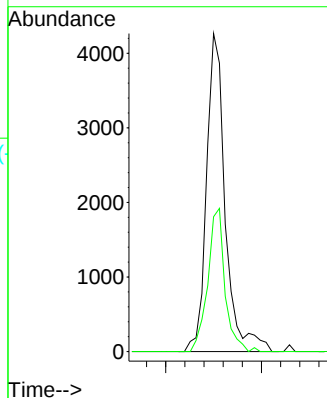
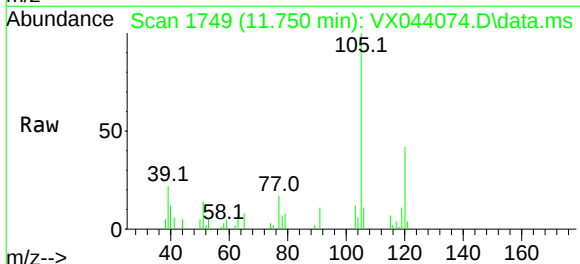
Acq: 02 Dec 2024 18:18

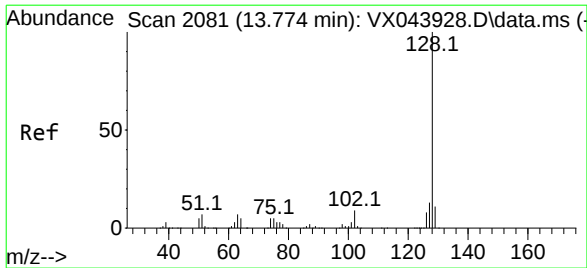
Tgt Ion:105 Resp: 5778

Ion Ratio Lower Upper

105 100

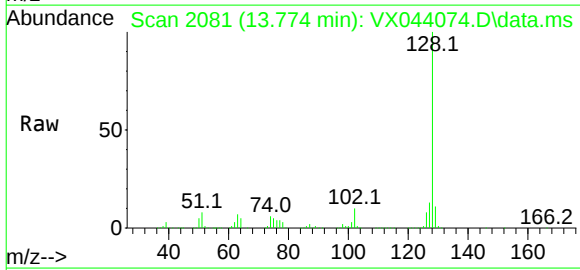
120 41.6 21.9 65.7





#95  
Naphthalene  
Concen: 104.460 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX044074.D  
Acq: 02 Dec 2024 18:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
SPLP-C4-1RE



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 657879 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.2  | 15.2   |
| 129      | 11.0  | 8.6   | 12.8   |

