

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\  
 Data File : VY003098.D  
 Acq On : 02 Jul 2020 20:21  
 Operator : SY/MD  
 Sample : L3211-06  
 Misc : 9.34G/5ML/MSVOA Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-6 11-11.5

Quant Time: Jul 03 04:50:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 30 04:11:35 2020  
 Response via : Initial Calibration

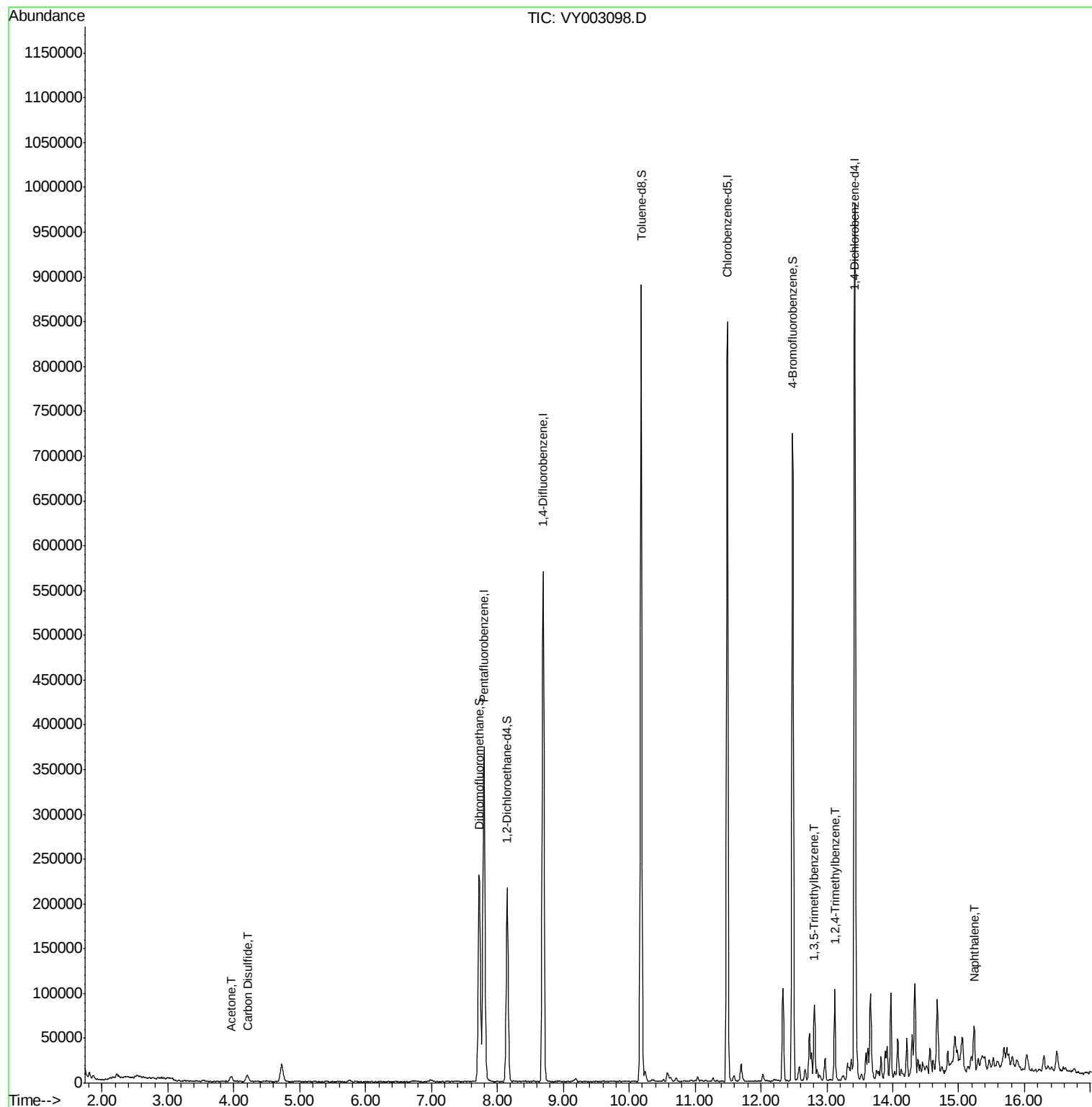
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 305253   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 486124   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 471898   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 252793   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 167880   | 55.37  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 110.74% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 162525   | 53.59  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.18% |          |
| 50) Toluene-d8              | 10.18 | 98   | 585206   | 51.80  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.60% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 214137   | 53.85  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 107.70% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.96  | 43   | 10567    | 14.778 | ug/l    | 90       |
| 17) Carbon Disulfide        | 4.21  | 76   | 12814    | 1.515  | ug/l #  | 85       |
| 80) 1,3,5-Trimethylbenzene  | 12.81 | 105  | 43225    | 3.114  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.12 | 105  | 48629    | 3.476  | ug/l    | 95       |
| 95) Naphthalene             | 15.23 | 128  | 33741    | 3.499  | ug/l #  | 95       |

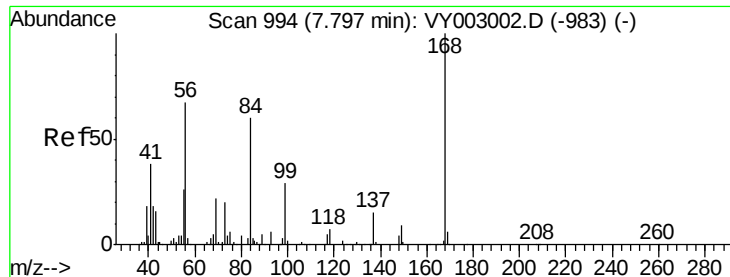
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070220\  
Data File : VY003098.D  
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Sample : L3211-06  
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MSVOA\_Y  
ClientSampleId :  
SB-6\_11-11.5

Quant Time: Jul 03 04:50:20 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 30 04:11:35 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003098.D

Acq: 02 Jul 2020 20:21

Instrument :

MSVOA\_Y

ClientSampleId :

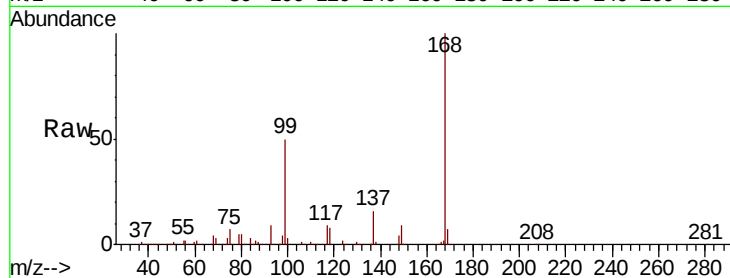
SB-6 11-11.5

Tot Ion:168 Resp: 305253

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

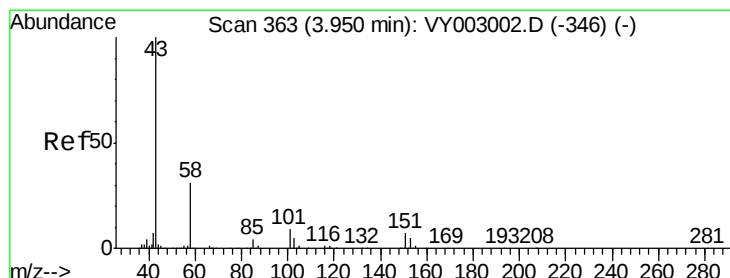
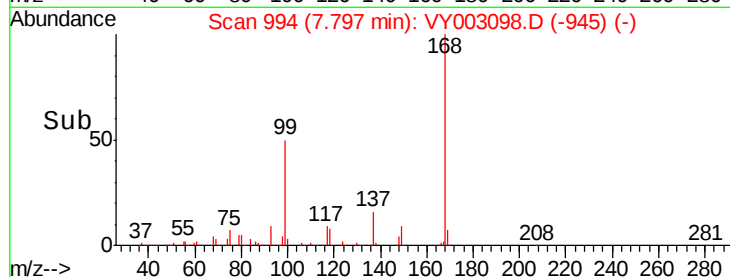
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.778 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003098.D

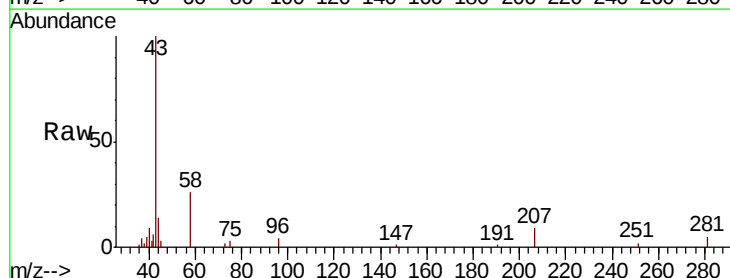
Acq: 02 Jul 2020 20:21

Tgt Ion: 43 Resp: 10567

Ion Ratio Lower Upper

43 100

58 25.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

4000

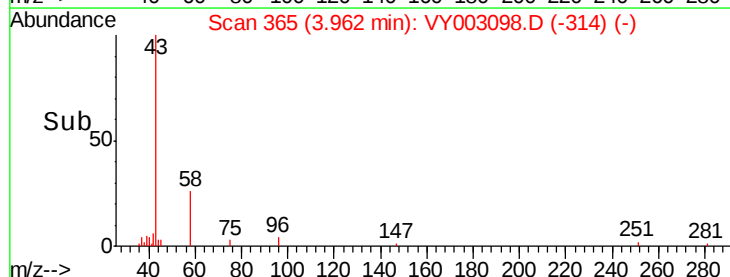
3000

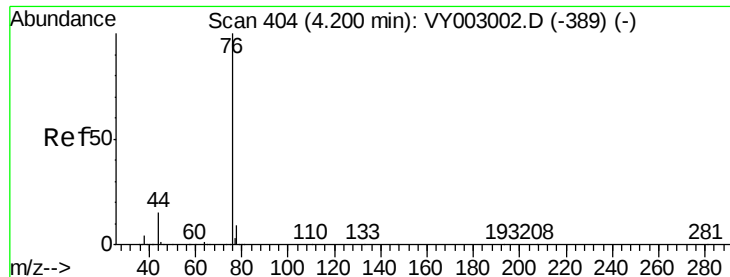
2000

1000

0

Time-->

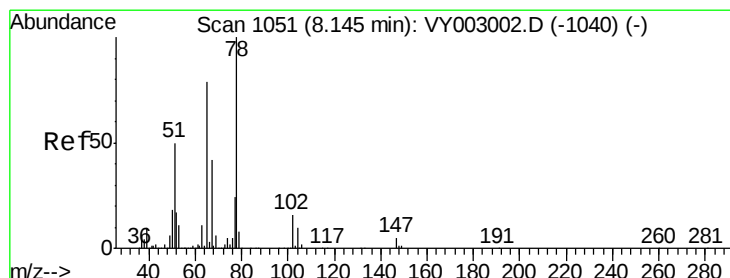
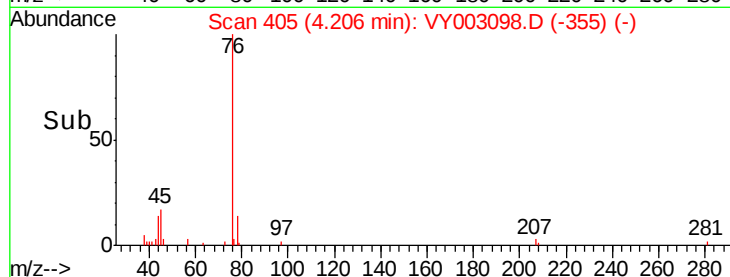
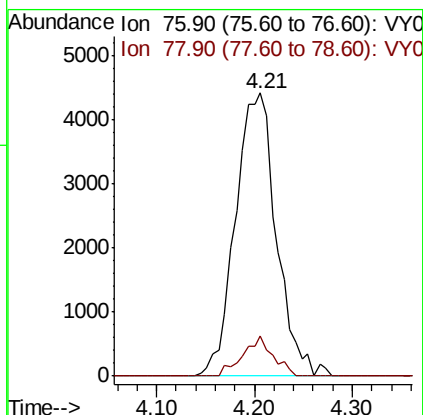
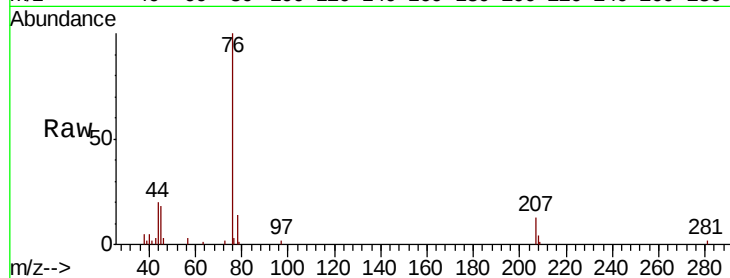




#17  
Carbon Disulfide  
Concen: 1.515 ug/l  
RT: 4.21 min Scan# 405  
Delta R.T. 0.01 min  
Lab File: VY003098.D  
Acq: 02 Jul 2020 20:21

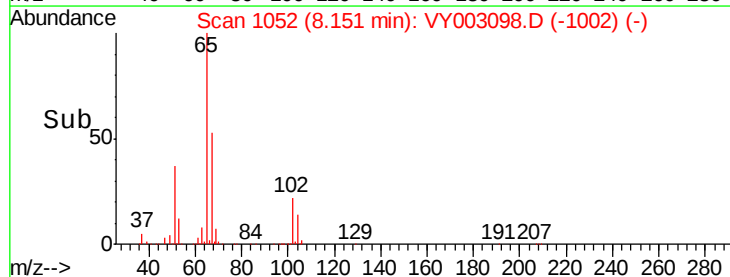
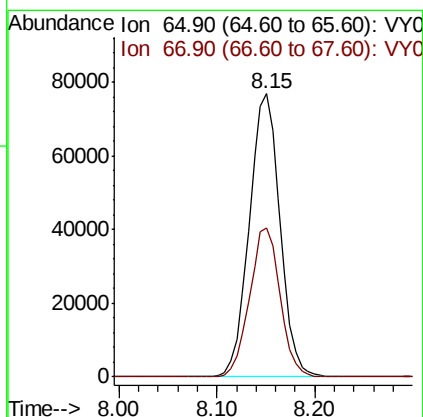
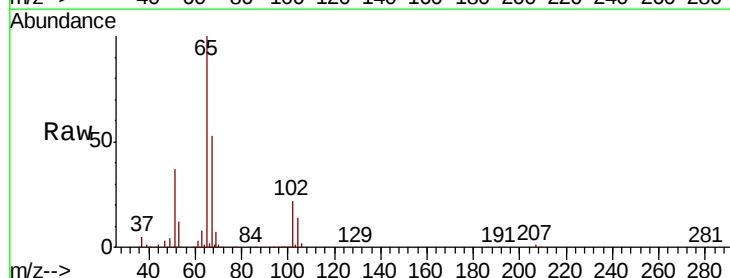
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6\_11-11.5

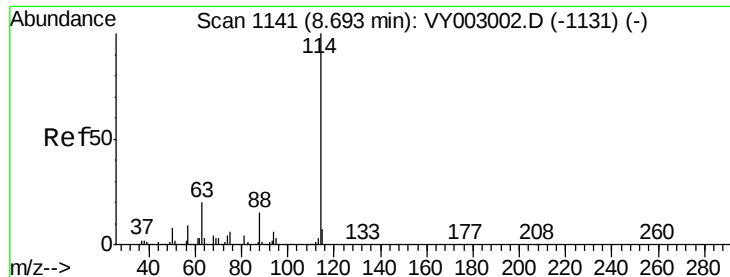
Tot Ion: 76 Resp: 12814  
Ion Ratio Lower Upper  
76 100  
78 14.4 7.0 10.6#



#33  
1,2-Dichloroethane-d4  
Concen: 55.373 ug/l  
RT: 8.15 min Scan# 1052  
Delta R.T. 0.01 min  
Lab File: VY003098.D  
Acq: 02 Jul 2020 20:21

Tgt Ion: 65 Resp: 167880  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.6

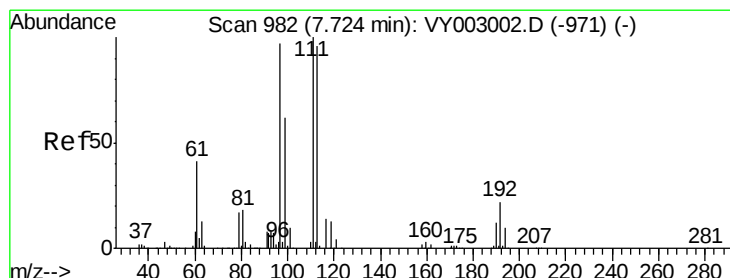
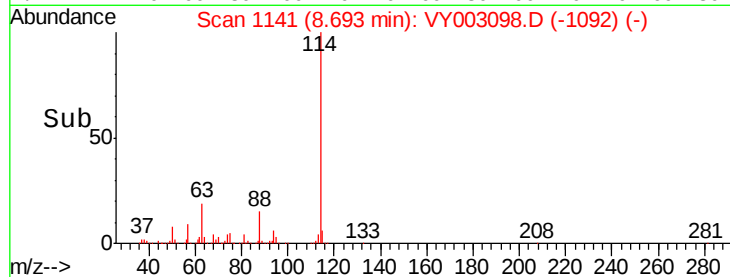
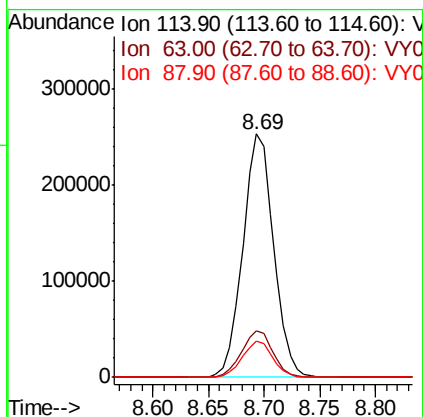
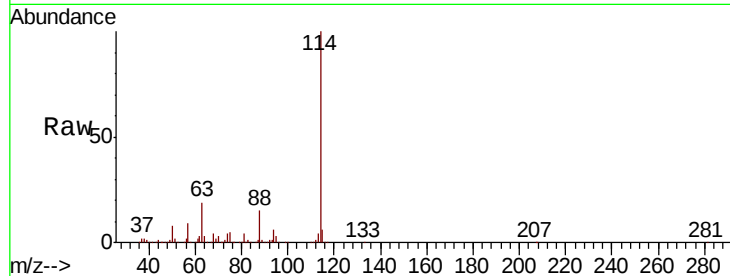




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. -0.00 min  
 Lab File: VY003098.D  
 Acq: 02 Jul 2020 20:21

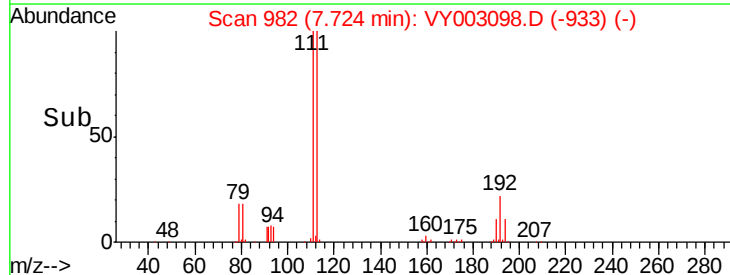
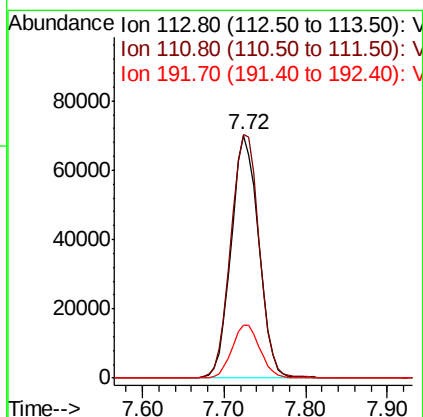
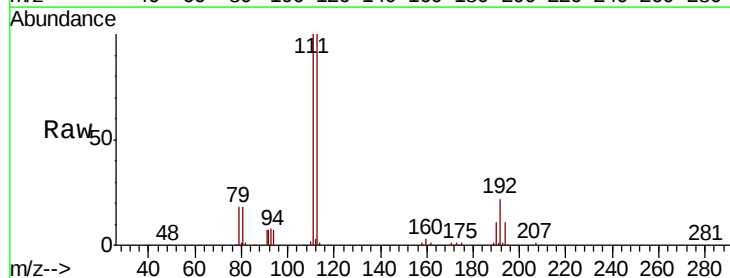
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-6\_11-11.5

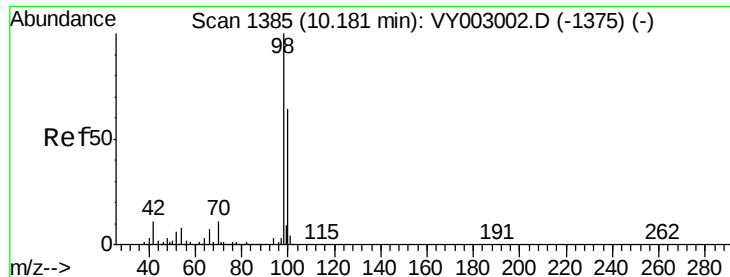
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 19.1  | 0.0   | 40.6  |
| 88      | 15.0  | 0.0   | 30.0  |



#35  
 Dibromofluoromethane  
 Concen: 53.594 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. -0.00 min  
 Lab File: VY003098.D  
 Acq: 02 Jul 2020 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.8 | 82.6  | 123.8 |
| 192     | 22.1  | 18.1  | 27.1  |





#50

Toluene-d8

Concen: 51.800 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003098.D

Acq: 02 Jul 2020 20:21

Instrument :

MSVOA\_Y

ClientSampleId :

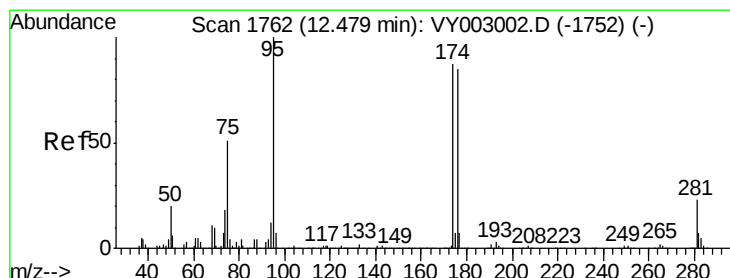
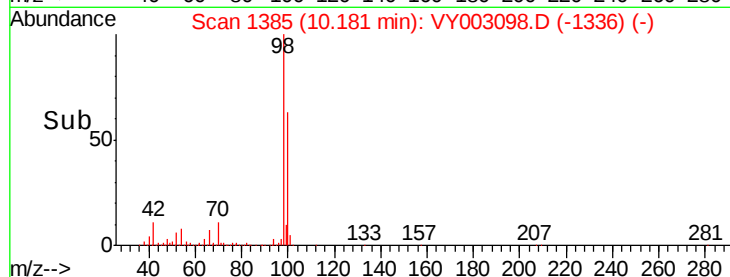
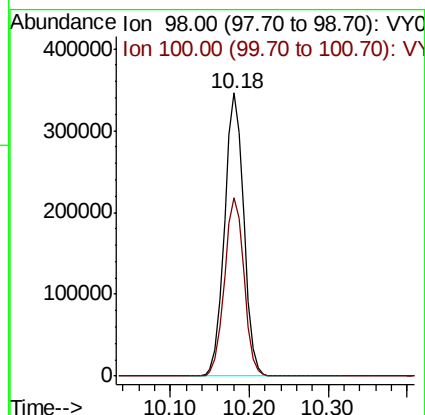
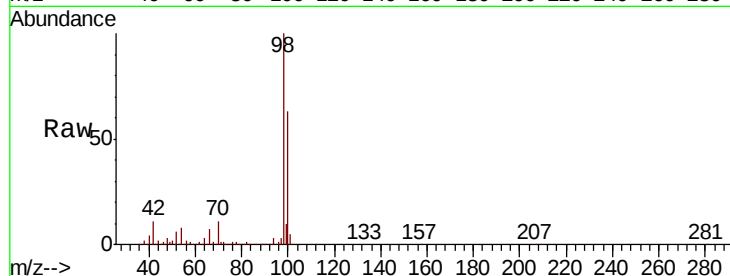
SB-6 11-11.5

Tot Ion: 98 Resp: 585206

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 53.847 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003098.D

Acq: 02 Jul 2020 20:21

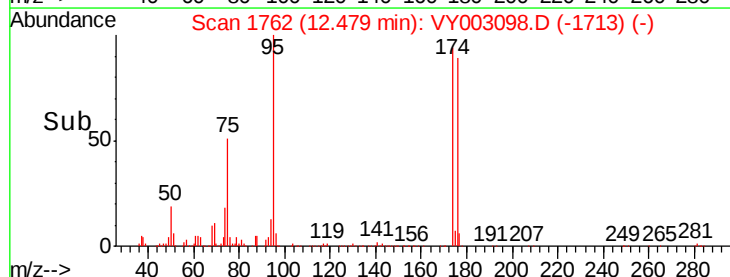
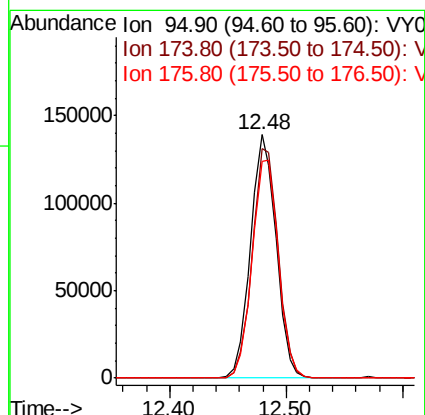
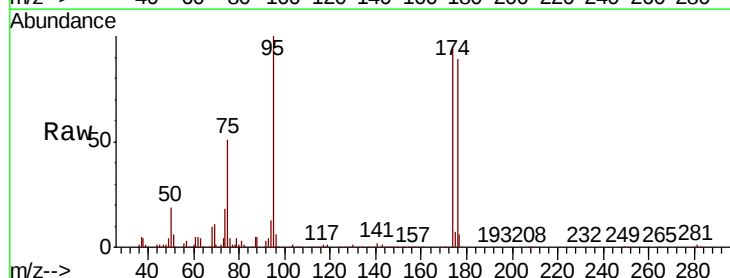
Tgt Ion: 95 Resp: 214137

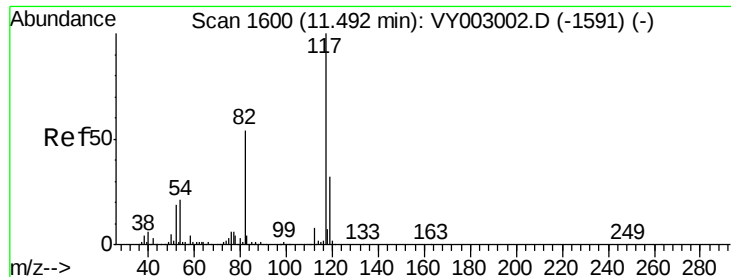
Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.8

176 92.0 0.0 183.0

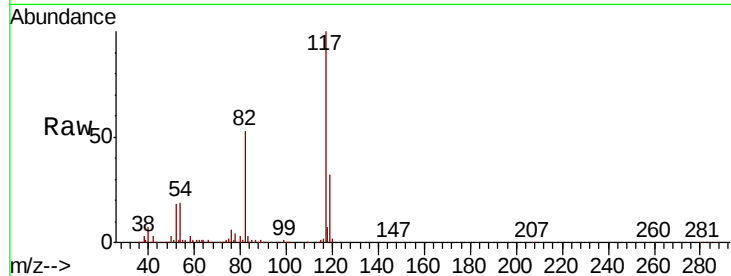




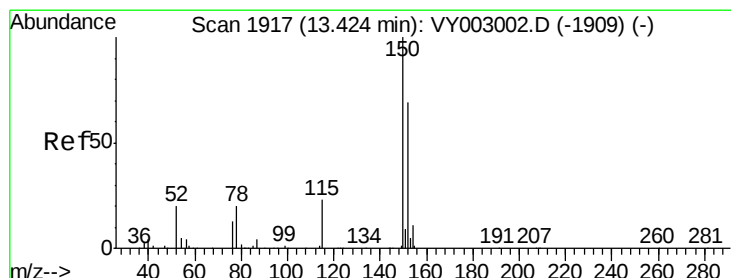
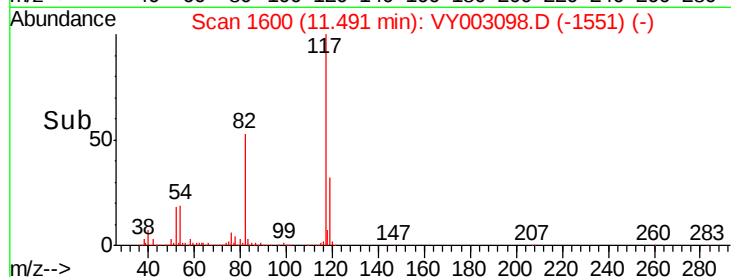
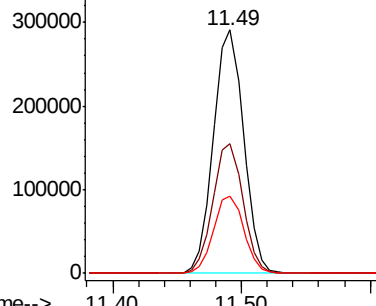
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY003098.D  
Acq: 02 Jul 2020 20:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-6\_11-11.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.2  | 43.0  | 64.6  |
| 119     | 31.6  | 25.8  | 38.8  |

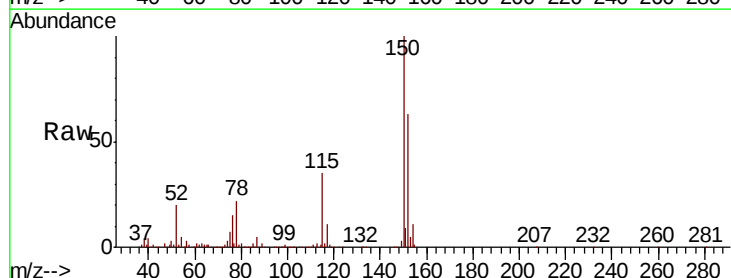


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VY0  
Ion 118.90 (118.60 to 119.60): V

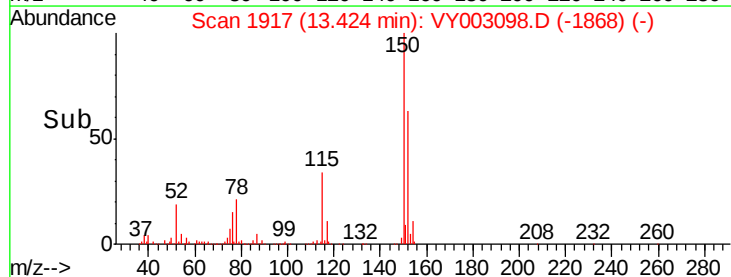
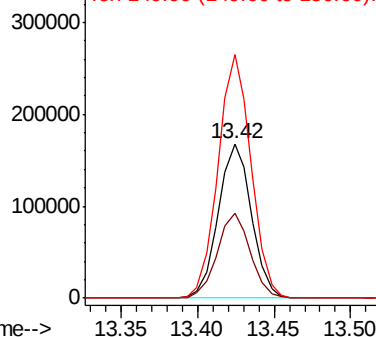


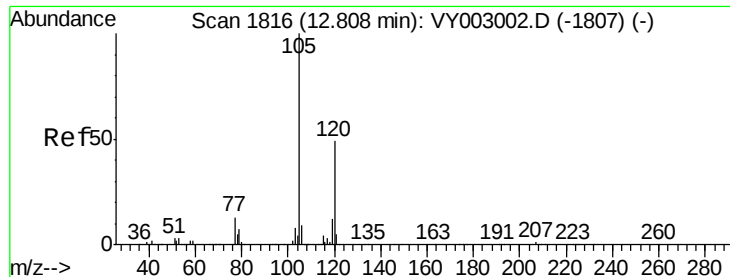
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.42 min Scan# 1917  
Delta R.T. -0.00 min  
Lab File: VY003098.D  
Acq: 02 Jul 2020 20:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 54.3  | 27.3  | 81.9  |
| 150     | 156.6 | 0.0   | 343.4 |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.114 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003098.D

Acq: 02 Jul 2020 20:21

Instrument :

MSVOA\_Y

ClientSampleId :

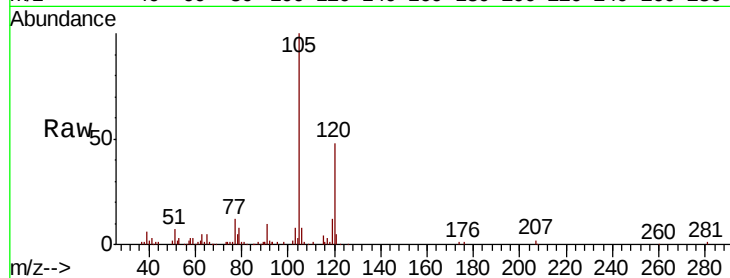
SB-6\_11-11.5

Tot Ion:105 Resp: 43225

Ion Ratio Lower Upper

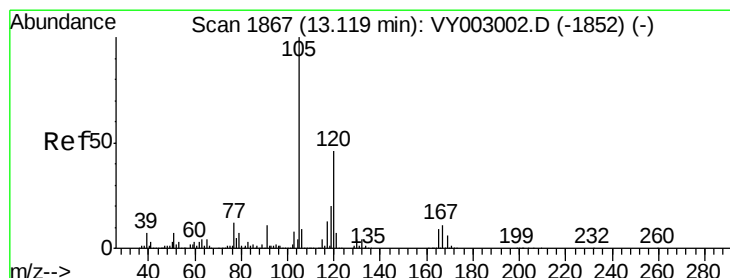
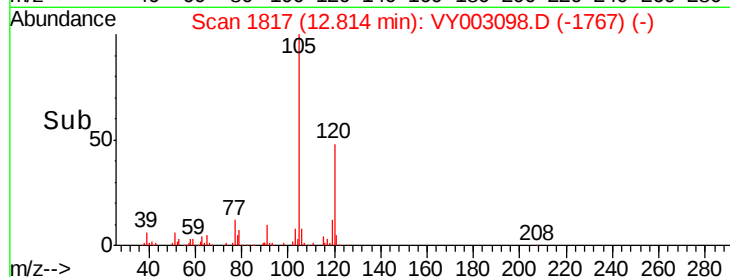
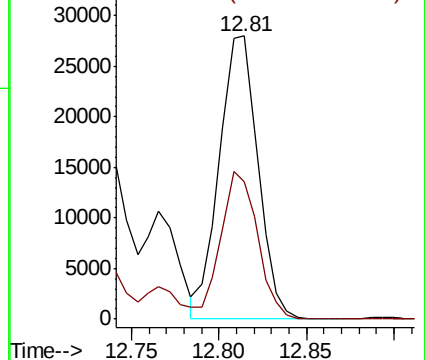
105 100

120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 3.476 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003098.D

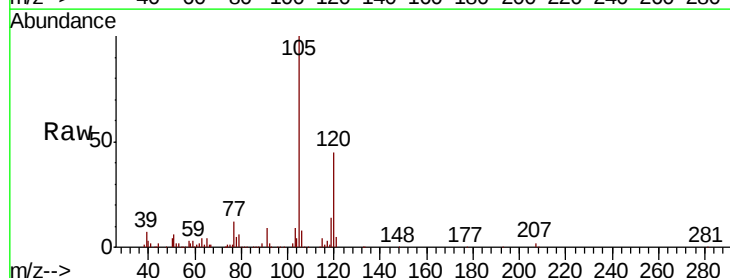
Acq: 02 Jul 2020 20:21

Tgt Ion:105 Resp: 48629

Ion Ratio Lower Upper

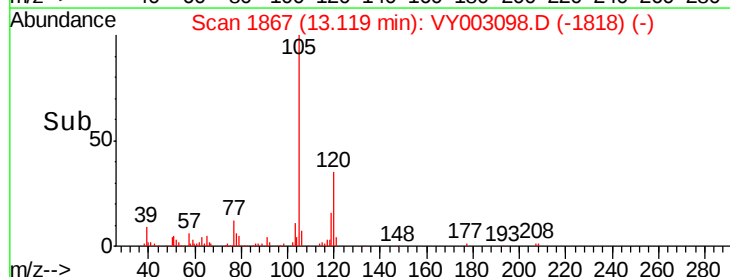
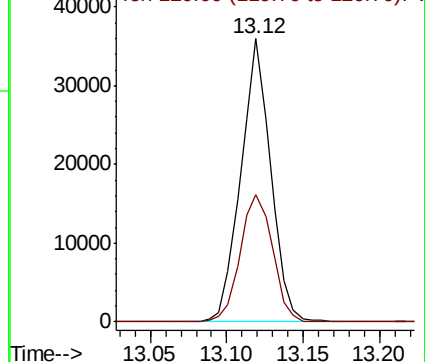
105 100

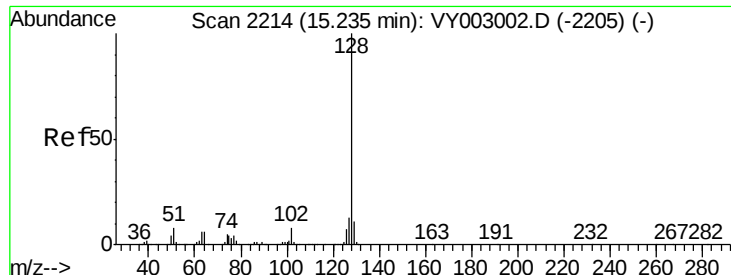
120 48.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.499 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003098.D

Acq: 02 Jul 2020 20:21

Instrument :

MSVOA\_Y

ClientSampleId :

SB-6\_11-11.5

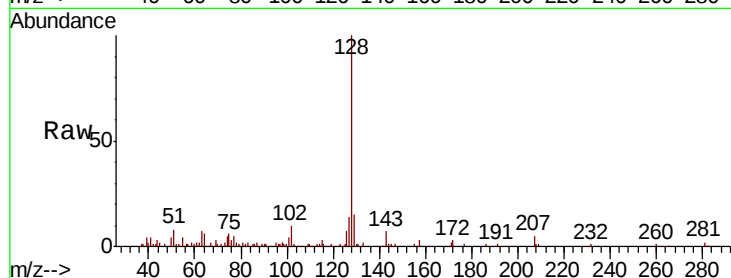
Tot Ion:128 Resp: 33741

Ion Ratio Lower Upper

128 100

127 14.8 10.8 16.2

129 13.9 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

