

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011320\  
 Data File : VW014620.D  
 Acq On : 13 Jan 2020 13:24  
 Operator : SY/VA  
 Sample : L1054-05RE  
 Misc : 6.61G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CIY1-SB-03-3-4RE

Quant Time: Jan 14 12:55:48 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 03 16:07:20 2020  
 Response via : Initial Calibration

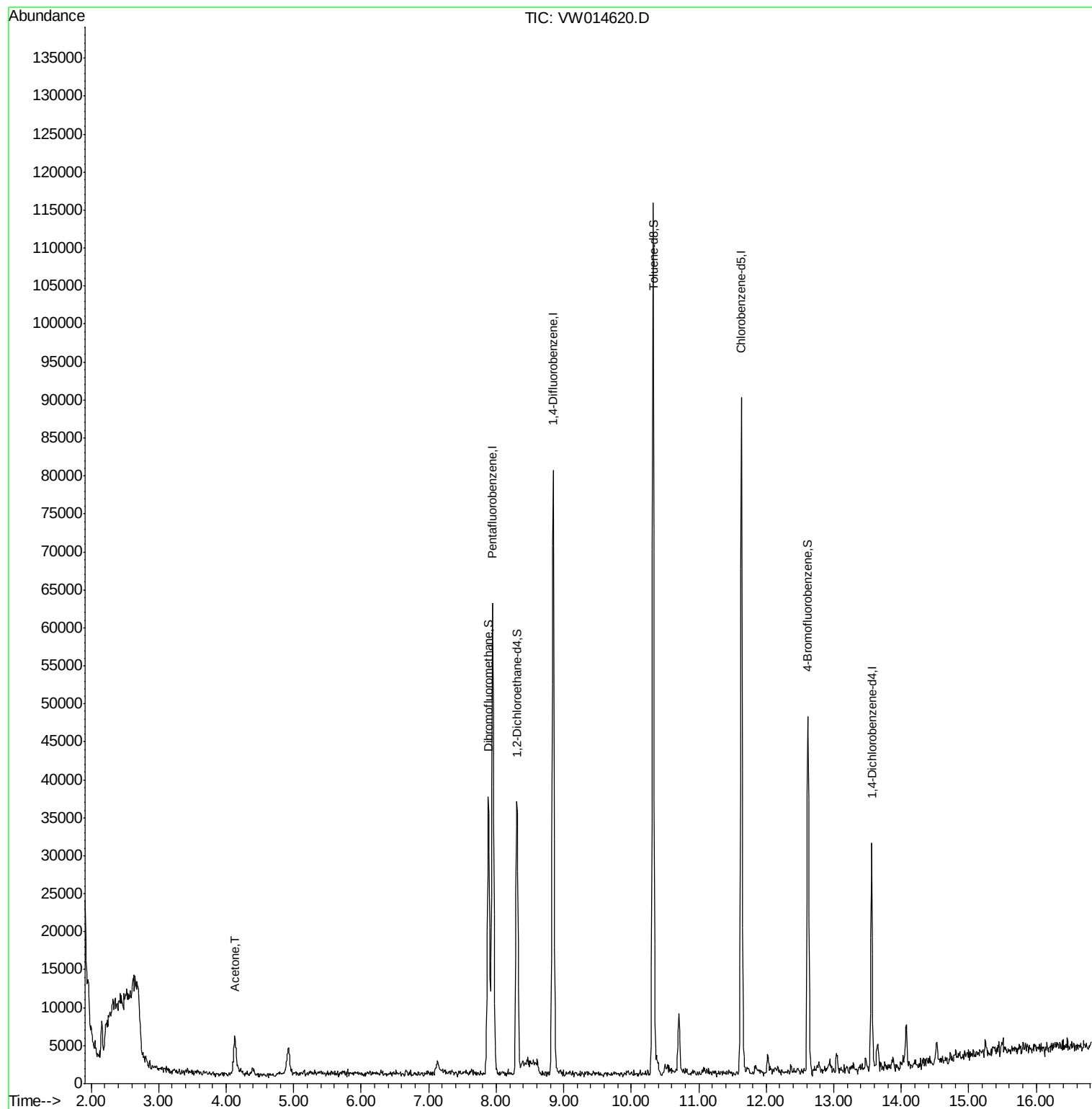
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 48052    | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 70553    | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 55615    | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 8201     | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 28699    | 68.31  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 136.62% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 26704    | 66.23  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 132.46% |           |
| 50) Toluene-d8              | 10.32 | 98   | 81790    | 48.60  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.20%  |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 15397    | 26.98  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 53.96%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 4.13  | 43   | 9929     | 83.697 | ug/l    | Qvalue 96 |

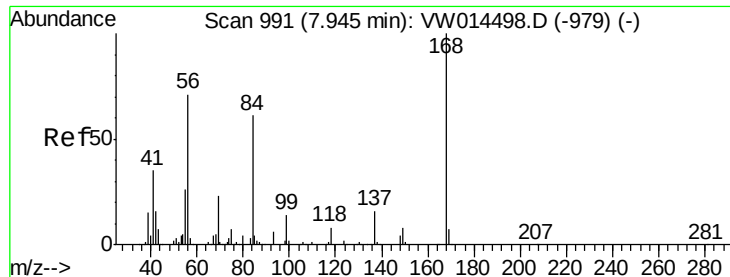
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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CIY1-SB-03-3-4RE

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Quant Title : SW846 8260  
QLast Update : Fri Jan 03 16:07:20 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014620.D

Acq: 13 Jan 2020 13:24

Instrument :

MSVOA\_W

ClientSampleId :

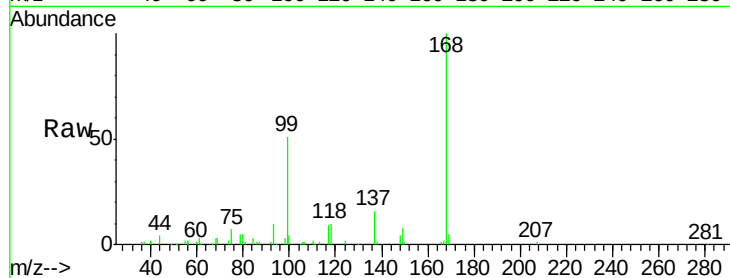
CIY1-SB-03-3-4RE

Tot Ion:168 Resp: 48052

Ion Ratio Lower Upper

168 100

99 50.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

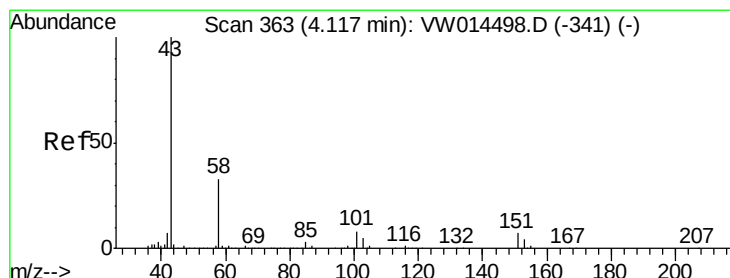
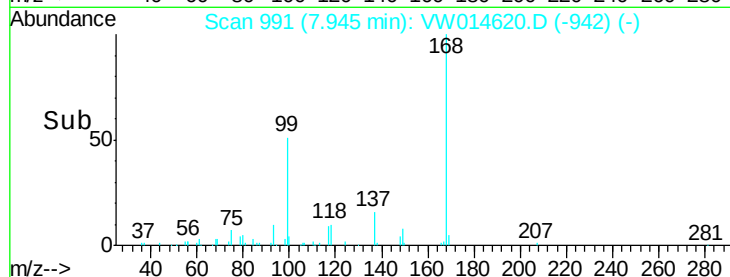
10000

5000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 83.697 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014620.D

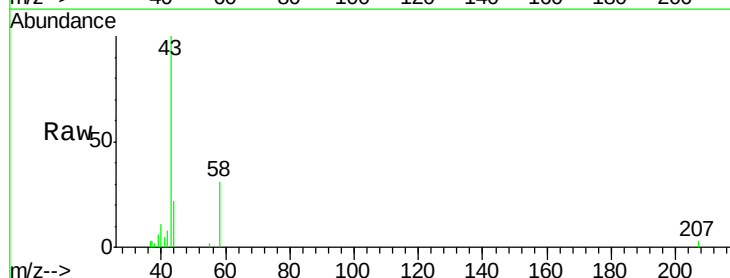
Acq: 13 Jan 2020 13:24

Tgt Ion: 43 Resp: 9929

Ion Ratio Lower Upper

43 100

58 31.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

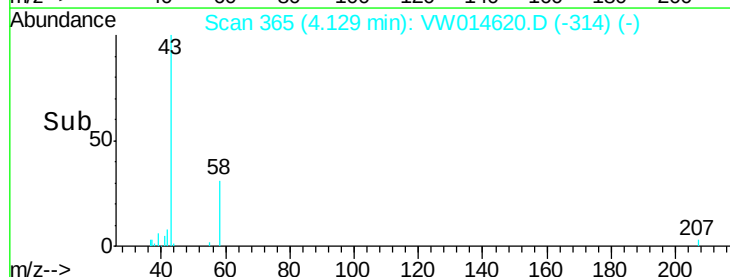
2000

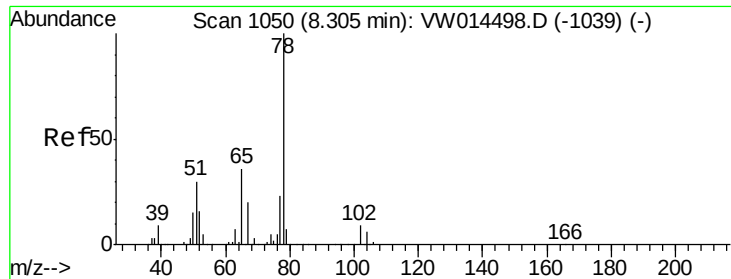
1000

0

4.00 4.10 4.20

Time-->

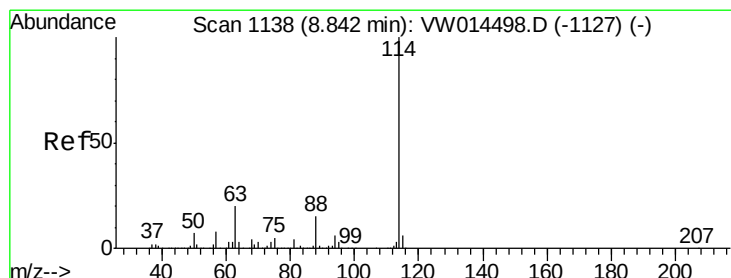
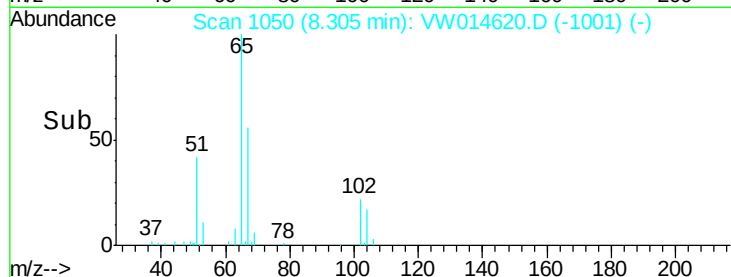
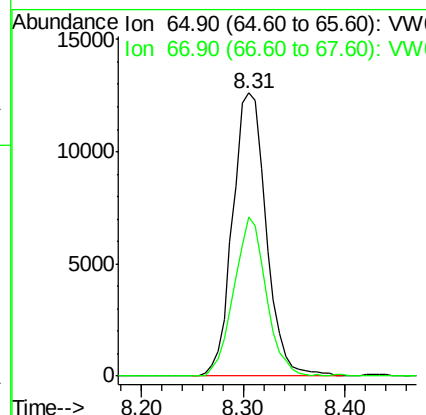
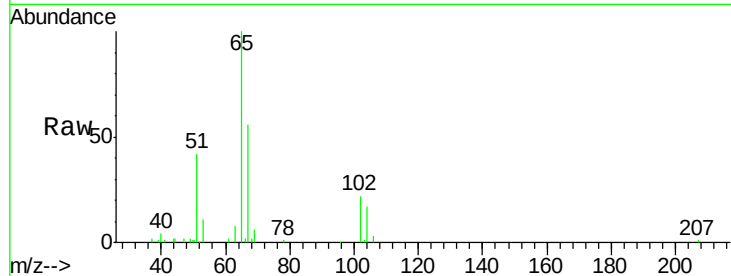




#33  
 1,2-Dichloroethane-d4  
 Concen: 68.311 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW014620.D  
 Acq: 13 Jan 2020 13:24

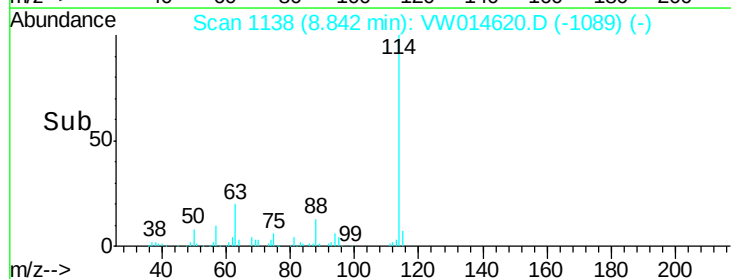
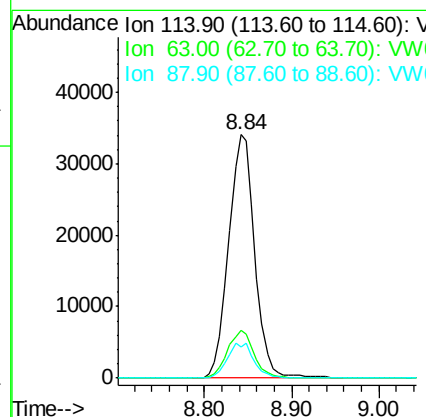
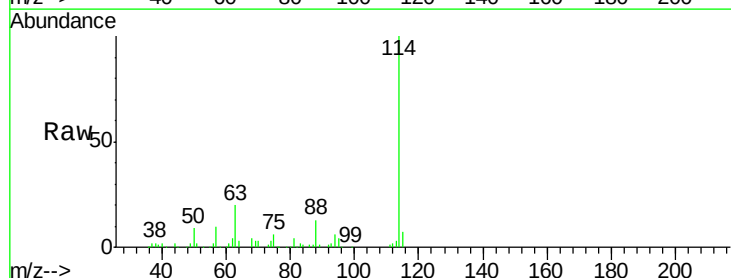
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CIY1-SB-03-3-4RE

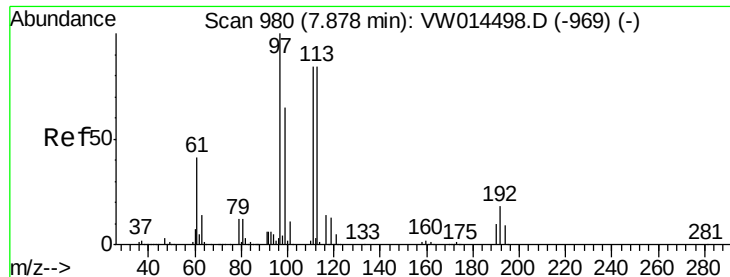
Tot Ion: 65 Resp: 28699  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW014620.D  
 Acq: 13 Jan 2020 13:24

Tgt Ion: 114 Resp: 70553  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 40.4  
 88 13.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 66.226 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW014620.D

Acq: 13 Jan 2020 13:24

Instrument :

MSVOA\_W

ClientSampleId :

CIY1-SB-03-3-4RE

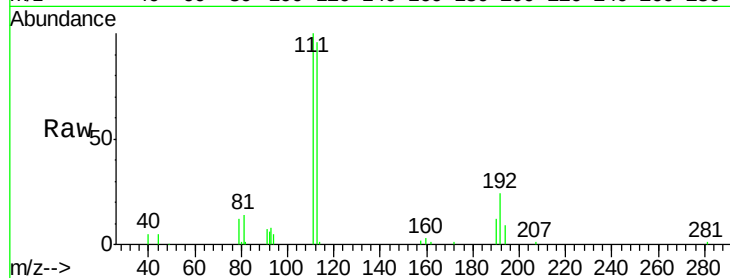
Tot Ion:113 Resp: 26704

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

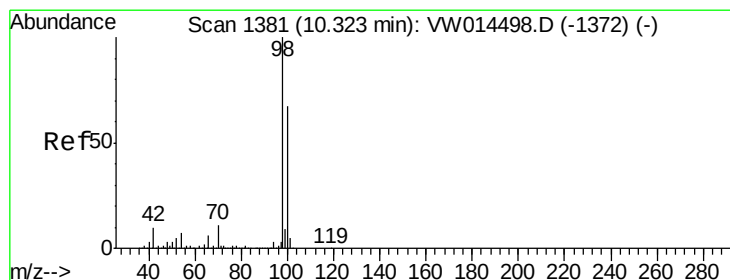
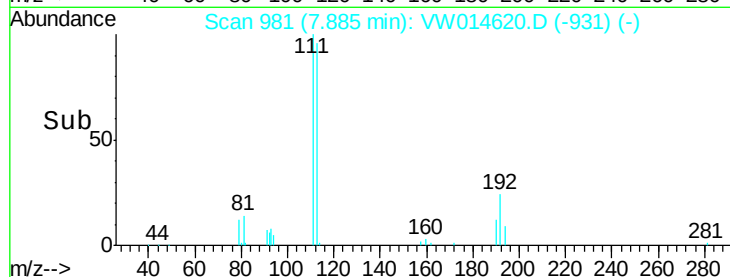
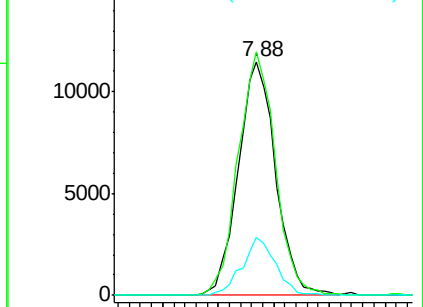
192 22.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.605 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014620.D

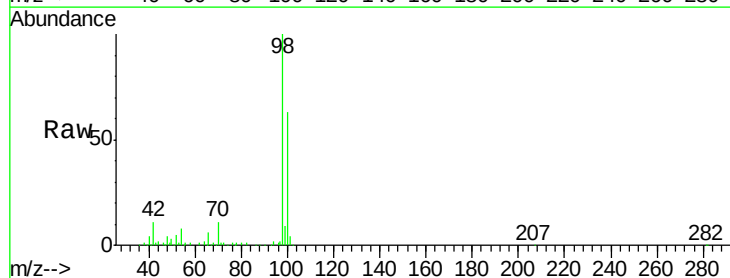
Acq: 13 Jan 2020 13:24

Tgt Ion: 98 Resp: 81790

Ion Ratio Lower Upper

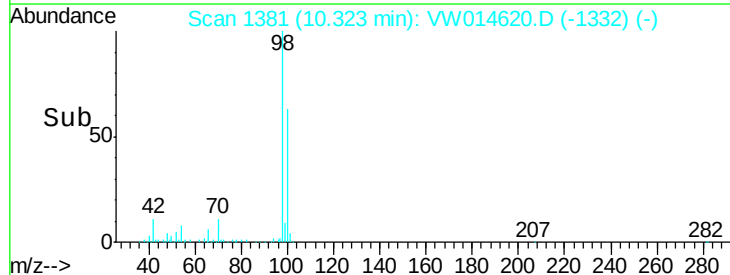
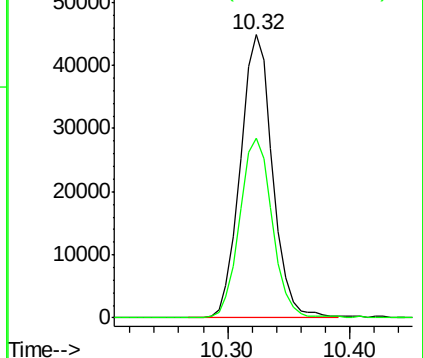
98 100

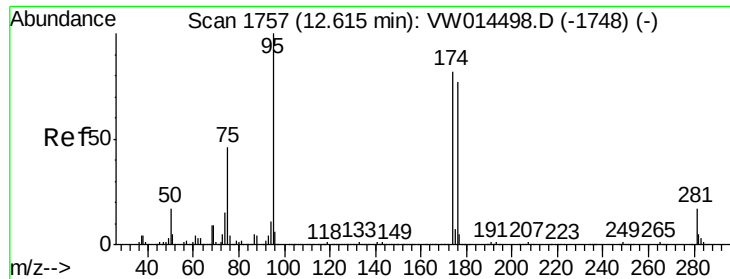
100 64.5 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

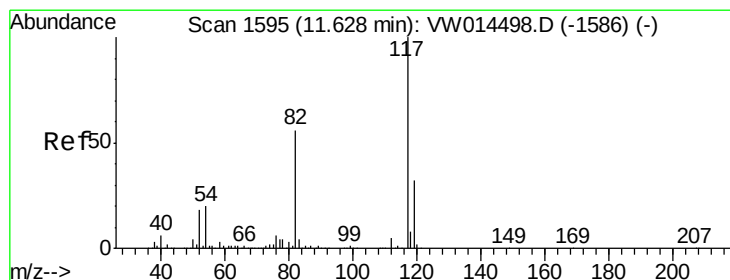
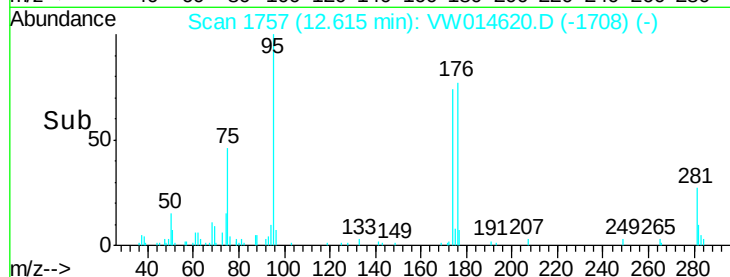
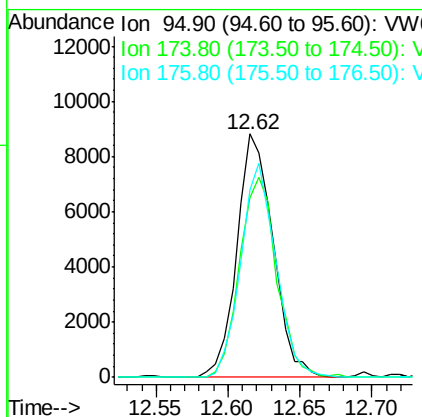
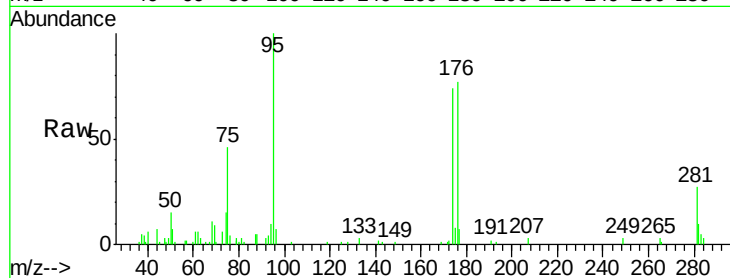




#62  
4-Bromofluorobenzene  
Concen: 26.976 ug/l  
RT: 12.62 min Scan# 1757  
Delta R.T. 0.00 min  
Lab File: VW014620.D  
Acq: 13 Jan 2020 13:24

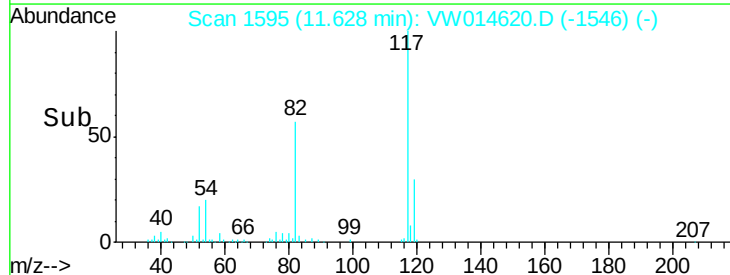
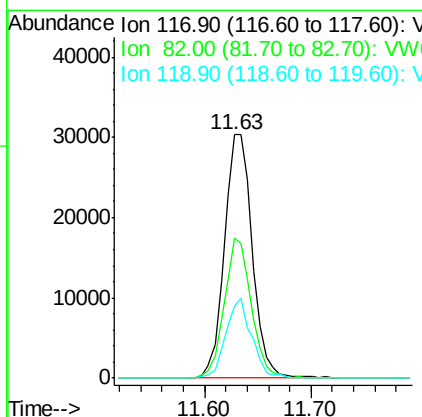
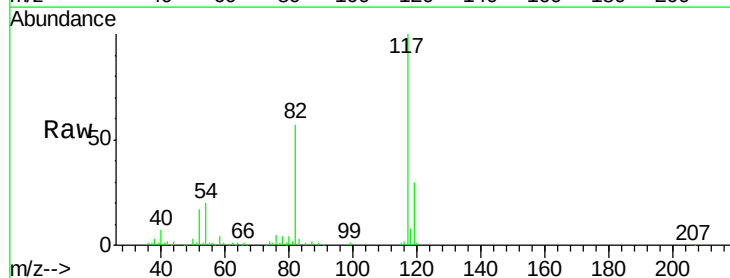
Instrument :  
MSVOA\_W  
ClientSampleId :  
CIY1-SB-03-3-4RE

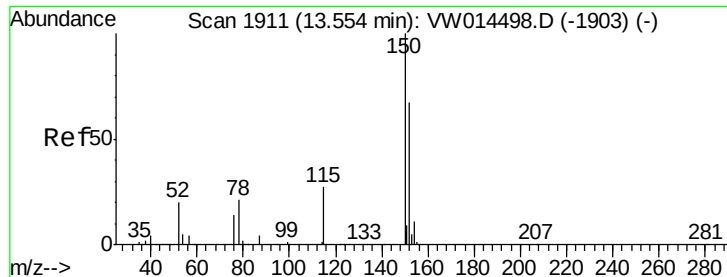
Tot Ion: 95 Resp: 15397  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 168.6  
176 85.0 0.0 162.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. 0.00 min  
Lab File: VW014620.D  
Acq: 13 Jan 2020 13:24

Tgt Ion: 117 Resp: 55615  
Ion Ratio Lower Upper  
117 100  
82 57.4 44.6 67.0  
119 29.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014620.D

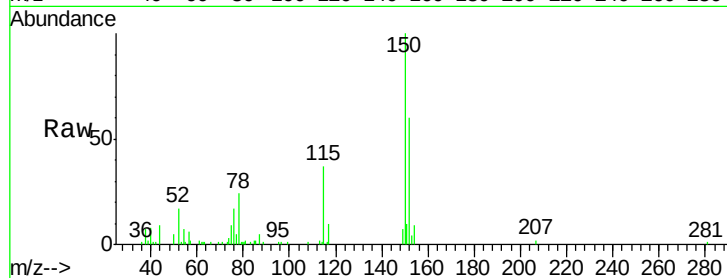
Acq: 13 Jan 2020 13:24

Instrument :

MSVOA\_W

ClientSampleId :

CIY1-SB-03-3-4RE



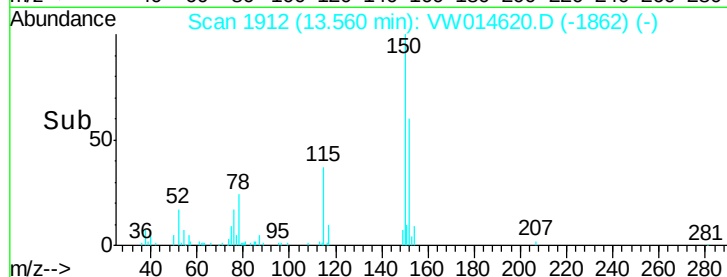
Tot Ion:152 Resp: 8201

Ion Ratio Lower Upper

152 100

115 54.0 27.7 83.1

150 152.7 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

