

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\  
 Data File : VW004554.D  
 Acq On : 09 Aug 2018 03:11  
 Operator : SY/AP  
 Sample : J4275-07  
 Misc : 5.19G/5ML/MSVOA W/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CL-02-080718-D

Quant Time: Aug 09 06:44:00 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W080618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 08:22:01 2018  
 Response via : Initial Calibration

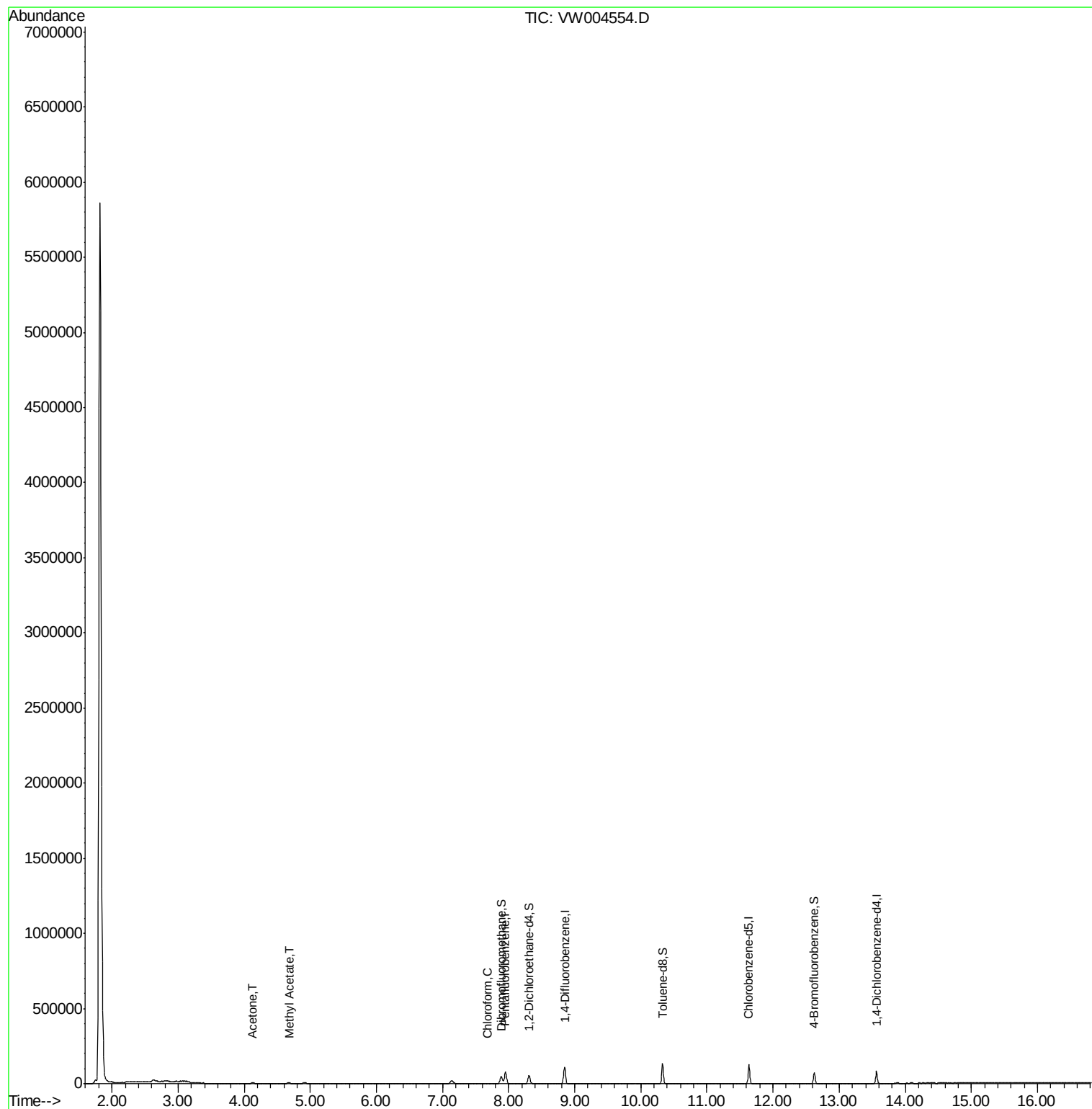
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 58806    | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.85  | 114  | 88242    | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 71117    | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.57 | 152  | 22128    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 40216    | 61.78 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 123.56% |           |
| 35) Dibromofluoromethane    | 7.88  | 113  | 36657    | 62.30 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 124.60% |           |
| 50) Toluene-d8              | 10.33 | 98   | 90152    | 40.19 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 80.38%  |           |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 22290    | 27.59 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 55.18%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 4.12  | 43   | 5184     | 31.89 | ug/l    | Qvalue 92 |
| 18) Methyl Acetate          | 4.68  | 43   | 7368     | 18.18 | ug/l #  | 89        |
| 30) Chloroform              | 7.68  | 83   | 1332     | 1.06  | ug/l #  | 79        |

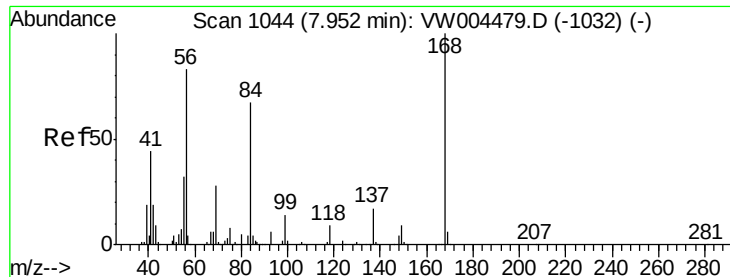
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081018\  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 07 08:22:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004554.D

Acq: 09 Aug 2018 03:11

Instrument :

MSVOA\_W

ClientSampleId :

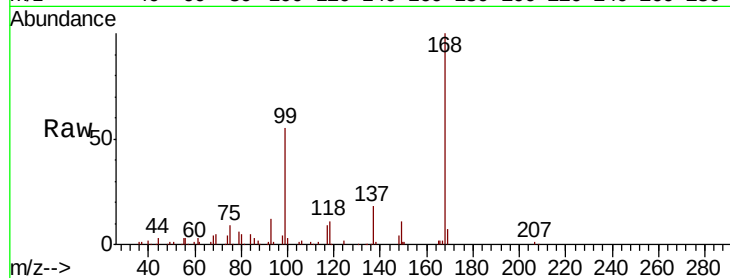
CL-02-080718-D

Tot Ion:168 Resp: 58806

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



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

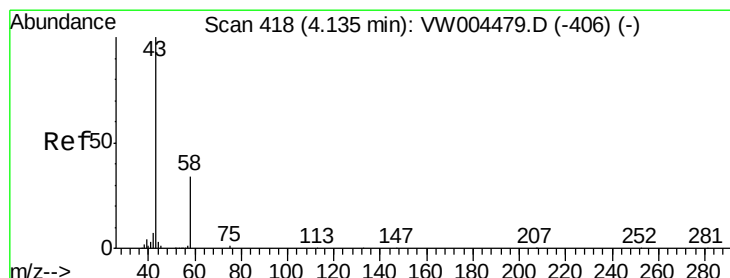
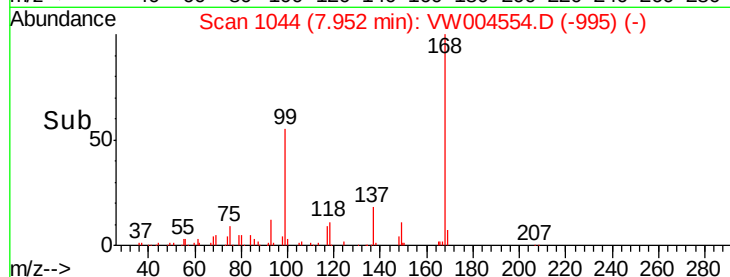
5000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 31.89 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.02 min

Lab File: VW004554.D

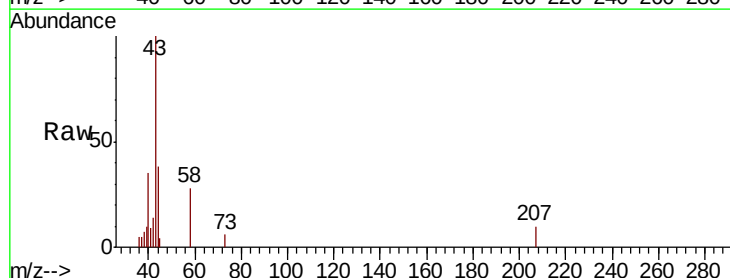
Acq: 09 Aug 2018 03:11

Tgt Ion: 43 Resp: 5184

Ion Ratio Lower Upper

43 100

58 28.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2000

1500

1000

500

0

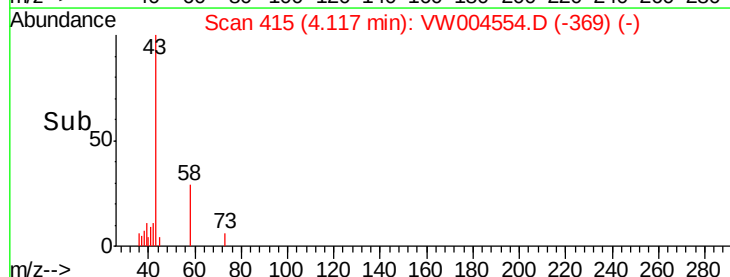
4.05

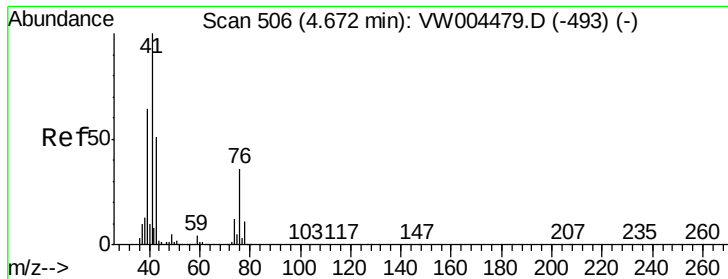
4.10

4.15

4.20

Time-->

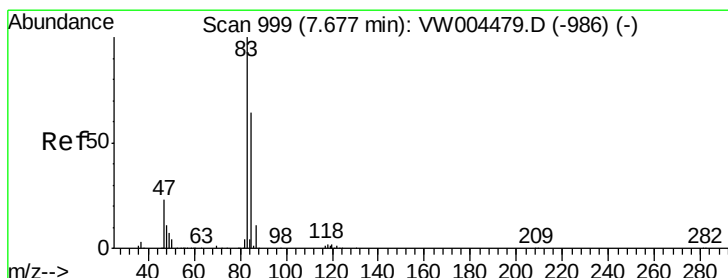
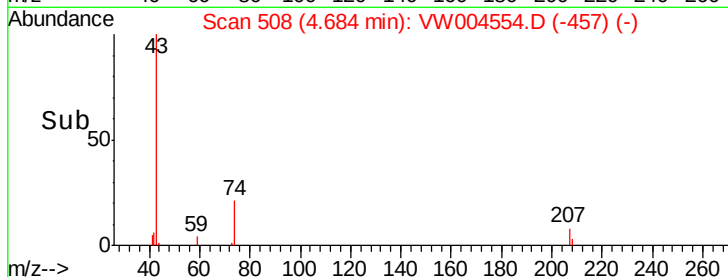
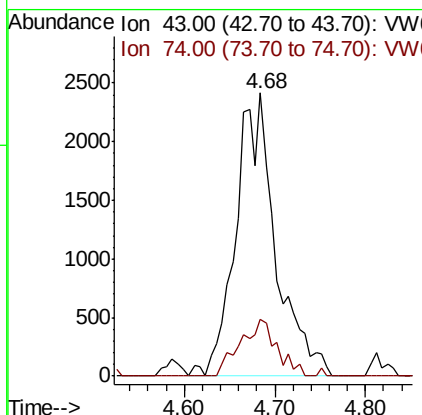
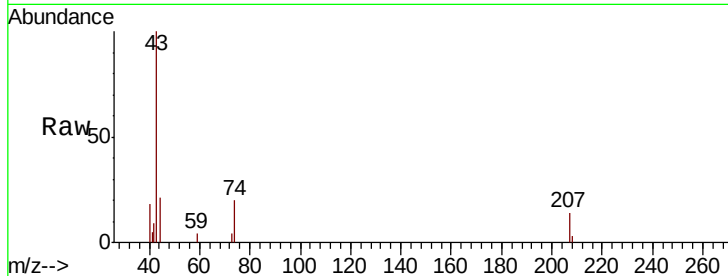




#18  
Methvl Acetate  
Concen: 18.18 ug/l  
RT: 4.68 min Scan# 508  
Delta R.T. 0.01 min  
Lab File: VW004554.D  
Acq: 09 Aug 2018 03:11

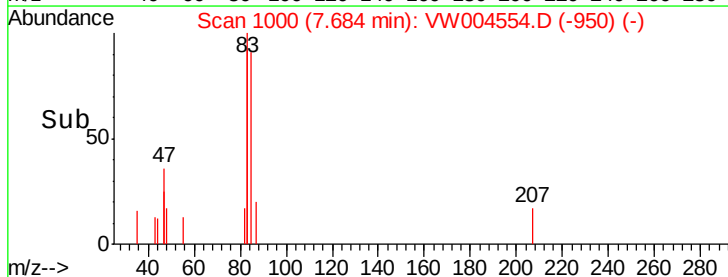
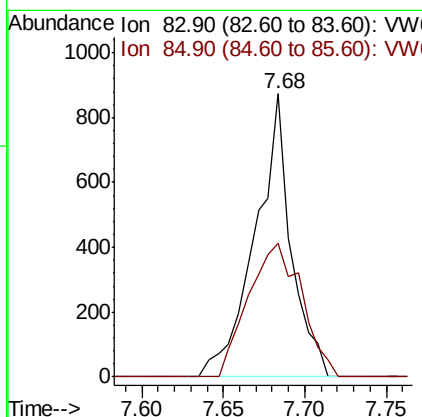
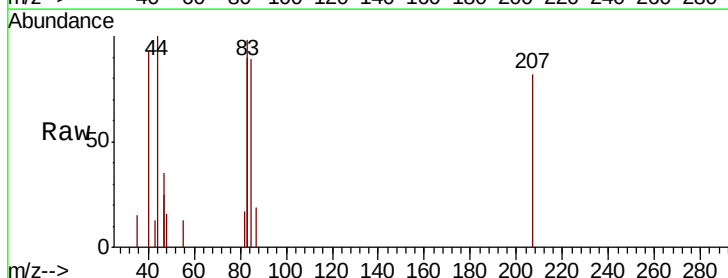
Instrument :  
MSVOA\_W  
ClientSampleId :  
CL-02-080718-D

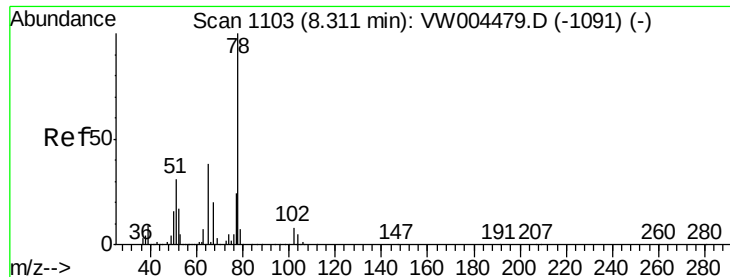
Tot Ion: 43 Resp: 7368  
Ion Ratio Lower Upper  
43 100  
74 18.3 19.1 28.7#



#30  
Chloroform  
Concen: 1.06 ug/l  
RT: 7.68 min Scan# 1000  
Delta R.T. 0.01 min  
Lab File: VW004554.D  
Acq: 09 Aug 2018 03:11

Tgt Ion: 83 Resp: 1332  
Ion Ratio Lower Upper  
83 100  
85 47.3 51.3 76.9#

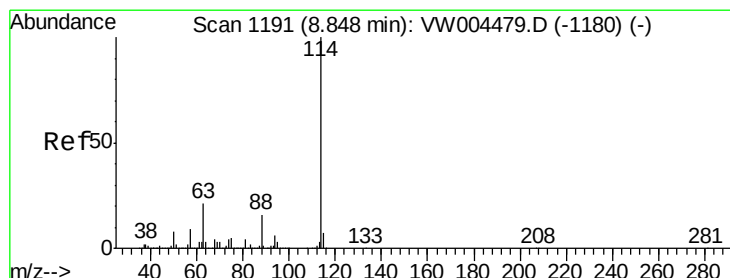
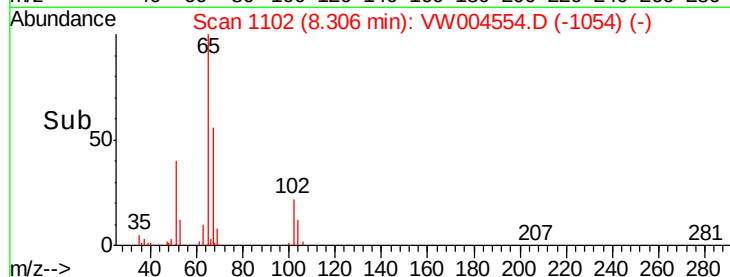
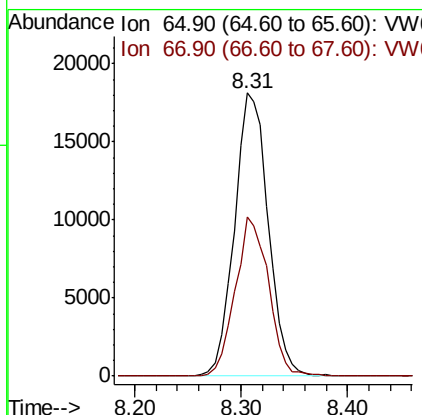
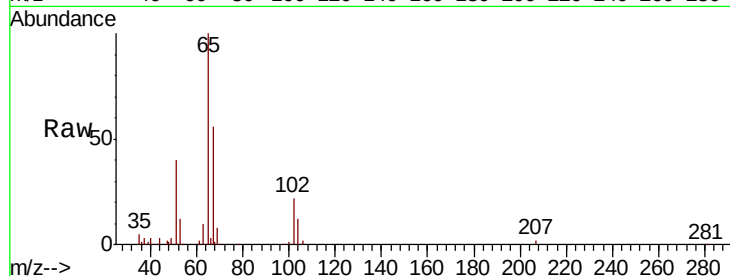




#33  
 1,2-Dichloroethane-d4  
 Concen: 61.78 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. -0.01 min  
 Lab File: VW004554.D  
 Acq: 09 Aug 2018 03:11

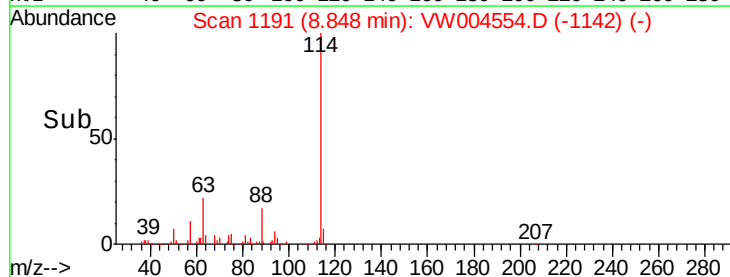
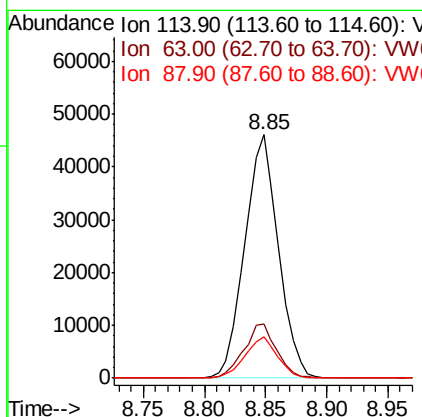
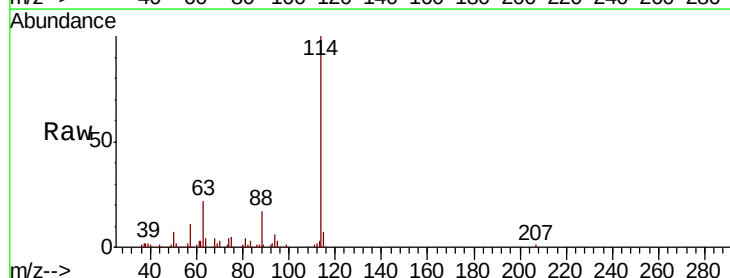
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 CL-02-080718-D

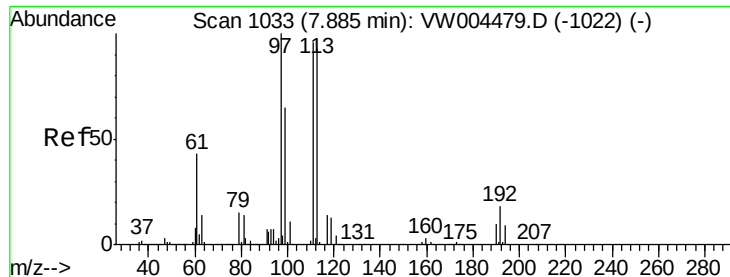
Tot Ion: 65 Resp: 40216  
 Ion Ratio Lower Upper  
 65 100  
 67 55.5 0.0 109.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004554.D  
 Acq: 09 Aug 2018 03:11

Tgt Ion: 114 Resp: 88242  
 Ion Ratio Lower Upper  
 114 100  
 63 22.2 0.0 42.4  
 88 17.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 62.30 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004554.D

Acq: 09 Aug 2018 03:11

Instrument :

MSVOA\_W

ClientSampleId :

CL-02-080718-D

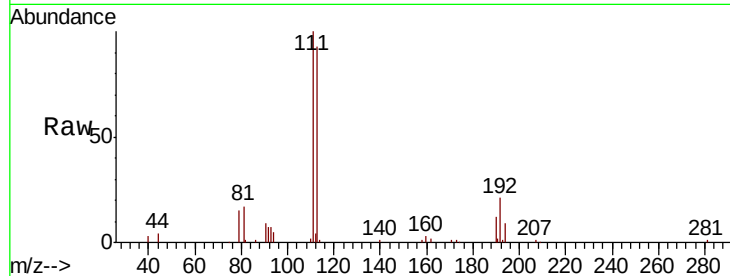
Tot Ion:113 Resp: 36657

Ion Ratio Lower Upper

113 100

111 101.5 82.9 124.3

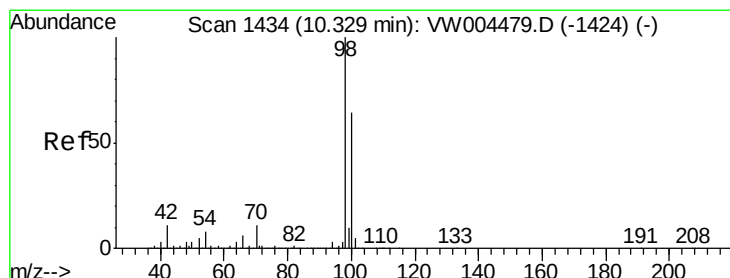
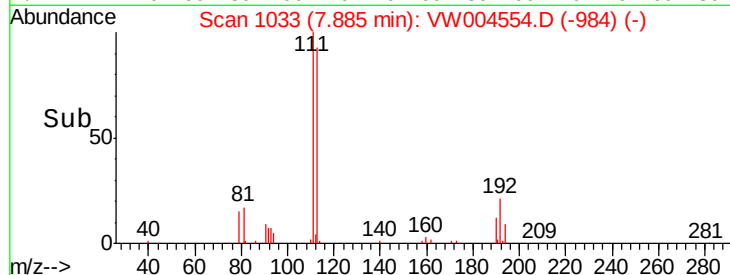
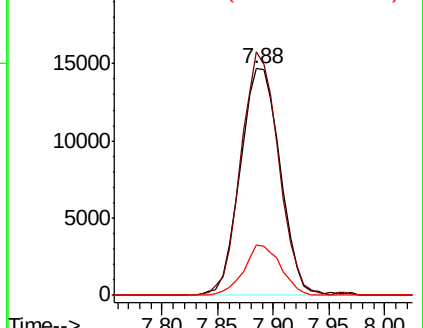
192 20.5 15.8 23.6



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: 40.19 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004554.D

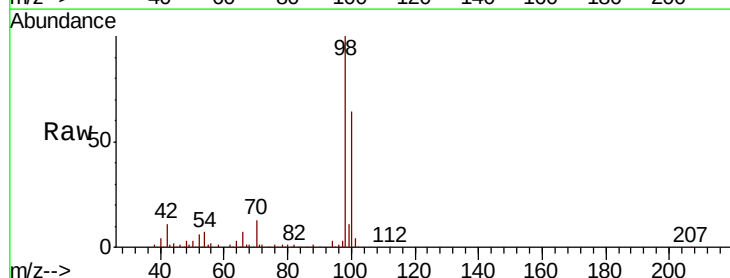
Acq: 09 Aug 2018 03:11

Tgt Ion: 98 Resp: 90152

Ion Ratio Lower Upper

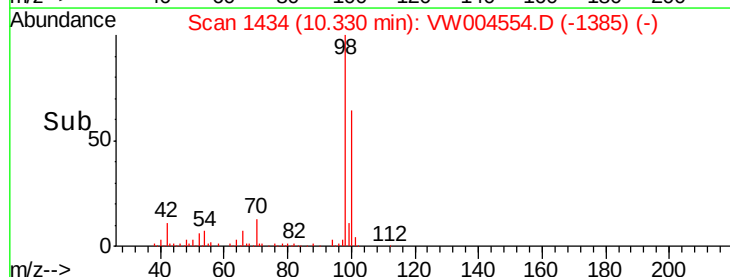
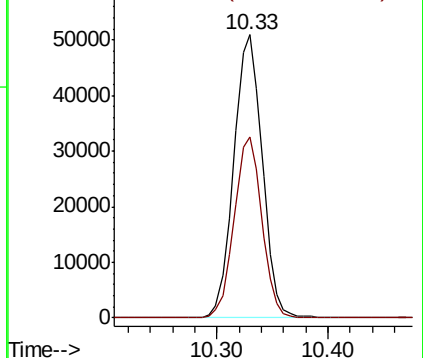
98 100

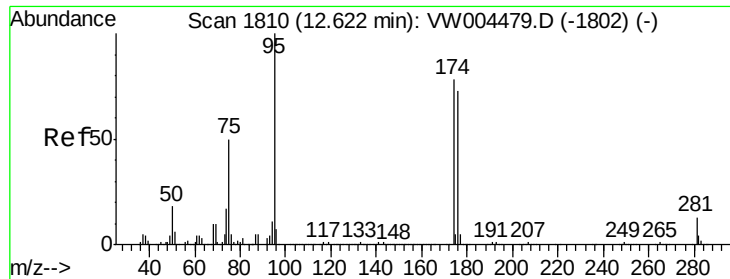
100 62.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

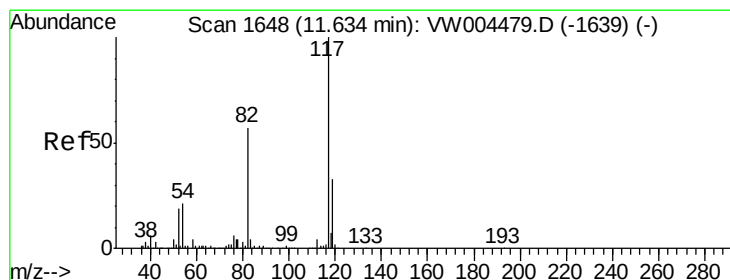
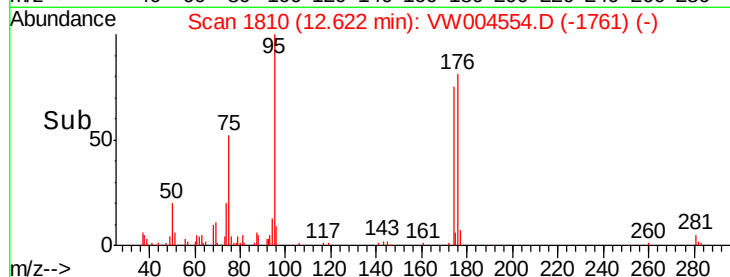
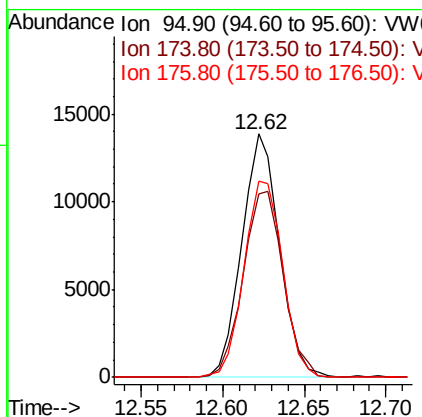
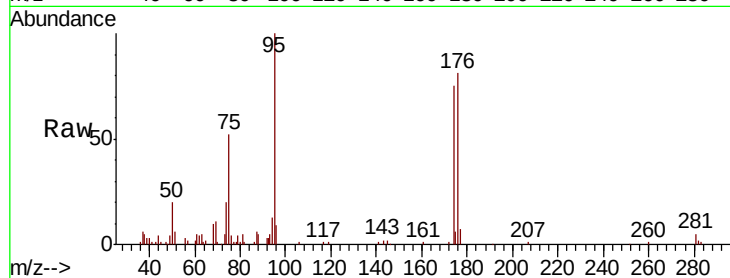




#62  
4-Bromofluorobenzene  
Concen: 27.59 ug/l  
RT: 12.62 min Scan# 1810  
Delta R.T. 0.00 min  
Lab File: VW004554.D  
Acq: 09 Aug 2018 03:11

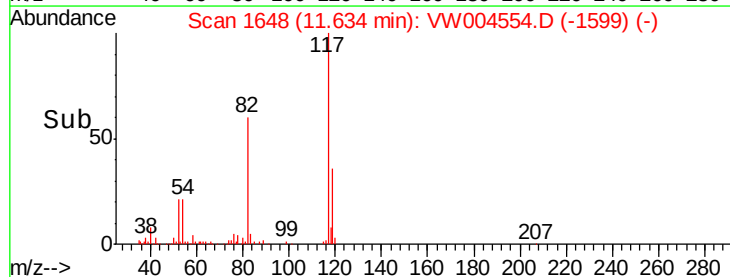
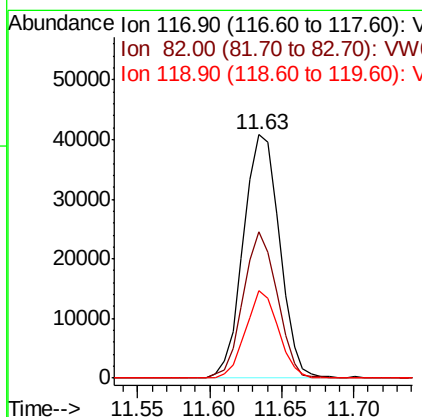
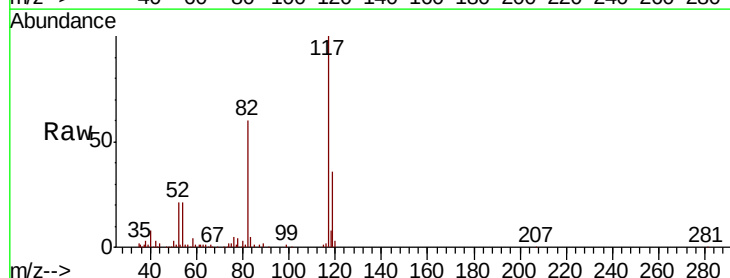
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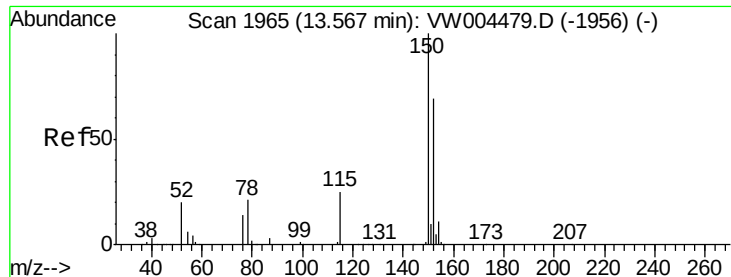
Tot Ion: 95 Resp: 22290  
Ion Ratio Lower Upper  
95 100  
174 81.4 0.0 160.4  
176 82.9 0.0 153.2



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004554.D  
Acq: 09 Aug 2018 03:11

Tgt Ion: 117 Resp: 71117  
Ion Ratio Lower Upper  
117 100  
82 60.4 45.3 67.9  
119 36.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004554.D

Acq: 09 Aug 2018 03:11

Instrument :

MSVOA\_W

ClientSampleId :

CL-02-080718-D

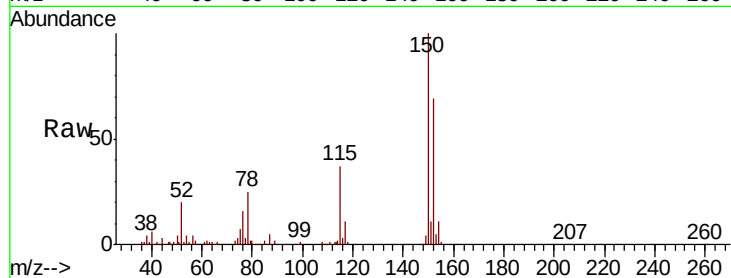
Tot Ion:152 Resp: 22128

Ion Ratio Lower Upper

152 100

115 56.2 29.1 87.3

150 156.9 0.0 349.6



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

