

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\  
 Data File : VW007628.D  
 Acq On : 17 Dec 2018 13:49  
 Operator : SY/AP  
 Sample : J6378-01RE  
 Misc : 4.79G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SD007-0612-01RE

Quant Time: Dec 18 07:30:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

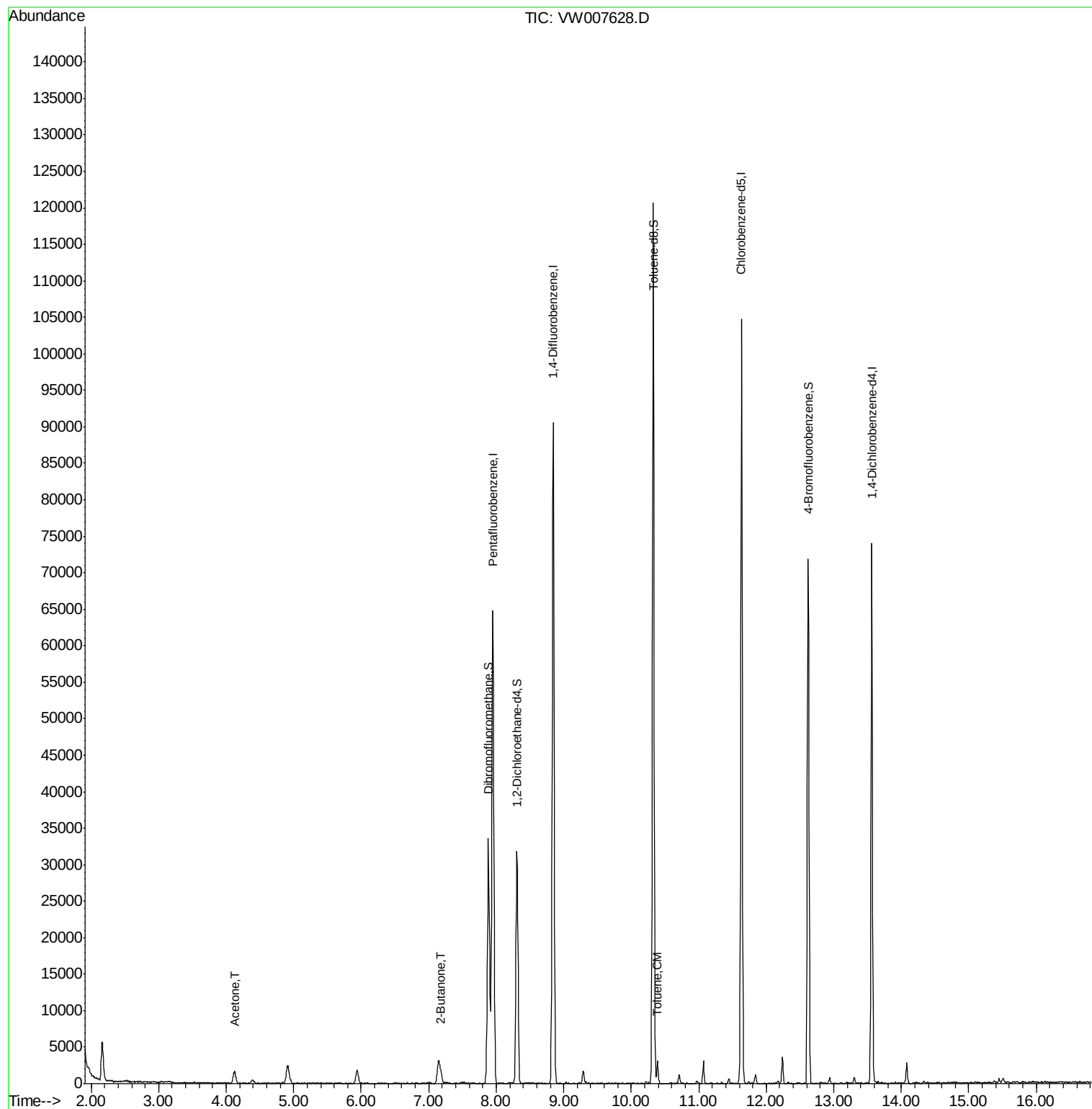
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 46962    | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 77827    | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 59016    | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 19155    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 25475    | 48.90  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.80%  |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 24607    | 52.23  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.46% |          |
| 50) Toluene-d8              | 10.32 | 98   | 81171    | 45.95  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.90%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 23486    | 36.16  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 72.32%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.13  | 43   | 3154     | 34.658 | ug/l    | 94       |
| 25) 2-Butanone              | 7.18  | 43   | 2485     | 20.916 | ug/l    | 95       |
| 52) Toluene                 | 10.39 | 92   | 1453     | 1.140  | ug/l    | 92       |

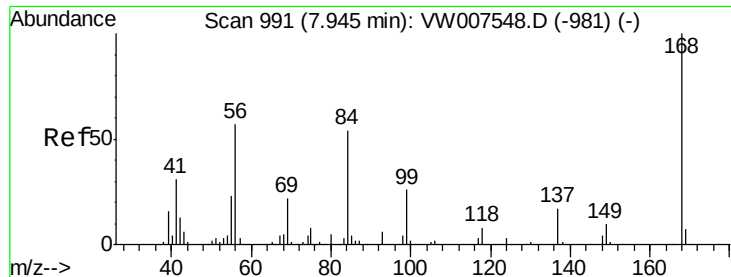
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121918\  
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Quant Title : SW846 8260  
QLast Update : Tue Dec 11 02:58:16 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007628.D

Acq: 17 Dec 2018 13:49

Instrument :

MSVOA\_W

ClientSampleId :

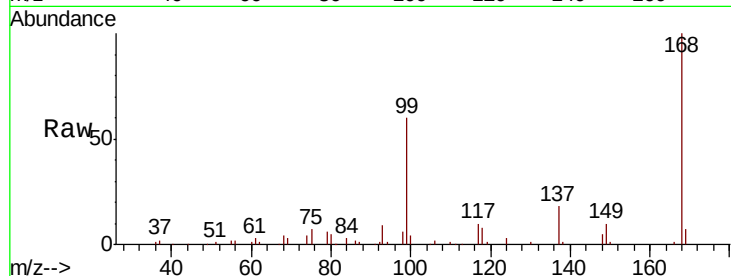
P001-SD007-0612-01RE

Tot Ion:168 Resp: 46962

Ion Ratio Lower Upper

168 100

99 59.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

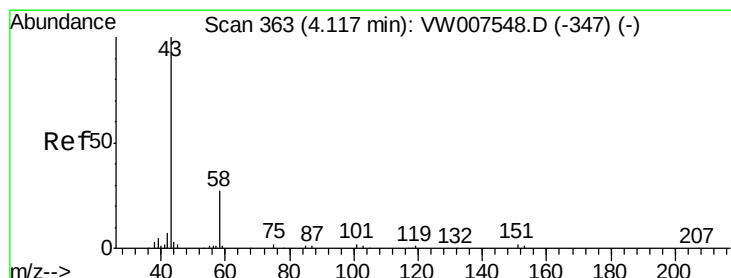
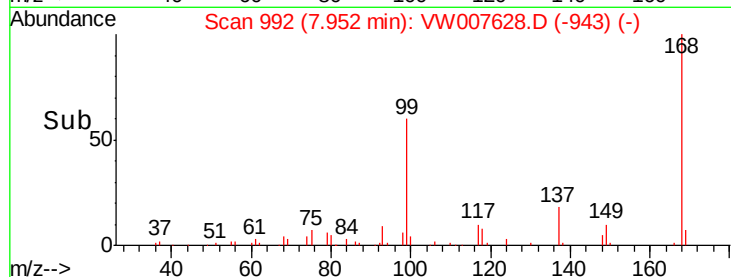
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 34.658 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007628.D

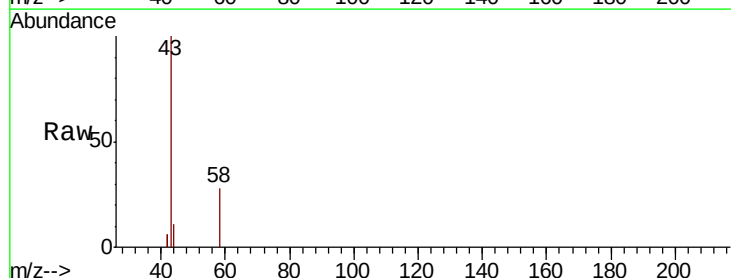
Acq: 17 Dec 2018 13:49

Tgt Ion: 43 Resp: 3154

Ion Ratio Lower Upper

43 100

58 27.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

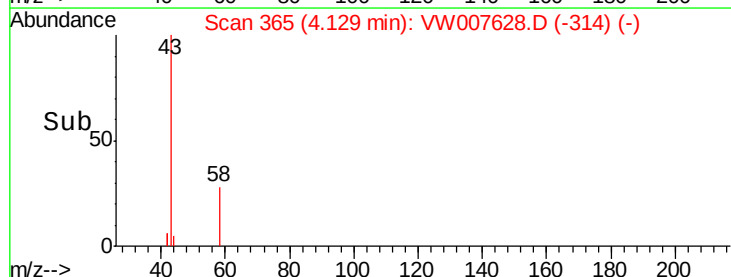
1000

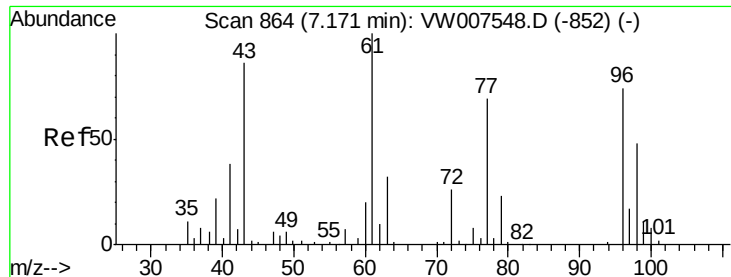
500

0

Time-->

4.05 4.10 4.15 4.20

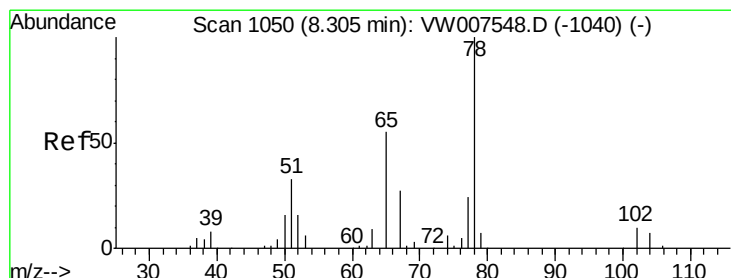
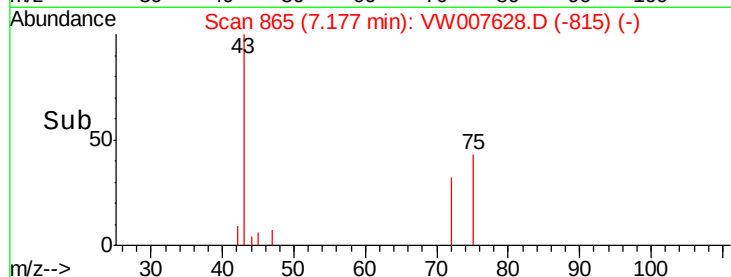
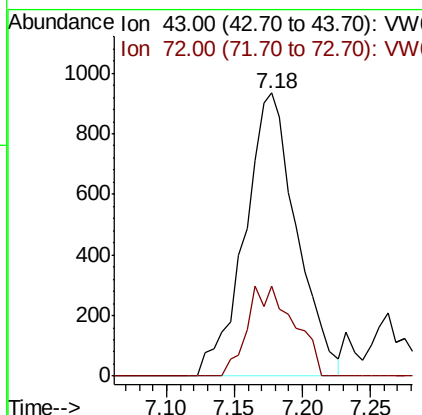
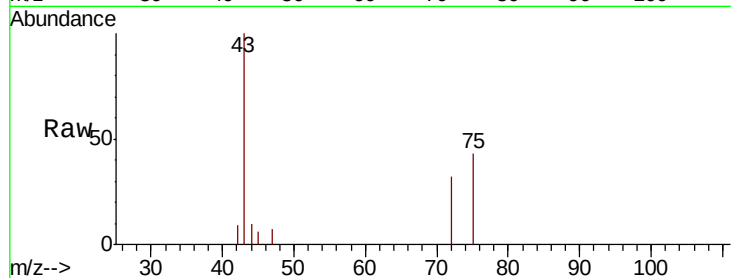




#25  
2-Butanone  
Concen: 20.916 ug/l  
RT: 7.18 min Scan# 865  
Delta R.T. 0.01 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

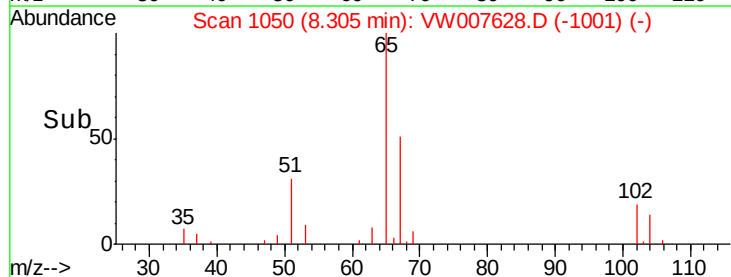
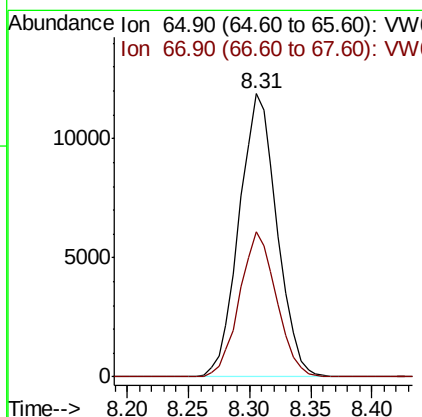
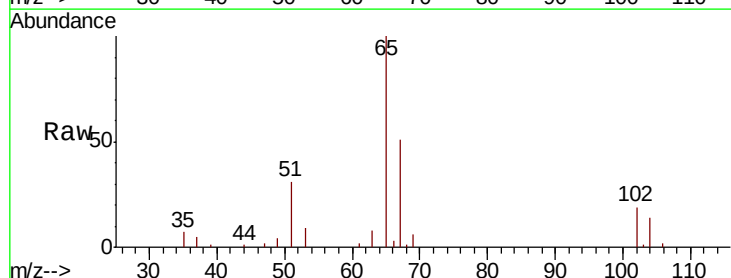
Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SD007-0612-01RE

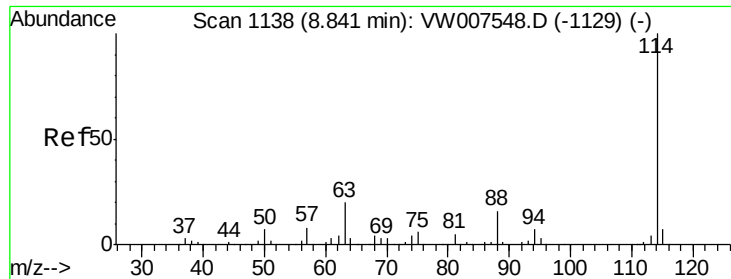
Tot Ion: 43 Resp: 2485  
Ion Ratio Lower Upper  
43 100  
72 31.9 23.4 35.2



#33  
1,2-Dichloroethane-d4  
Concen: 48.896 ug/l  
RT: 8.31 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

Tgt Ion: 65 Resp: 25475  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 101.6

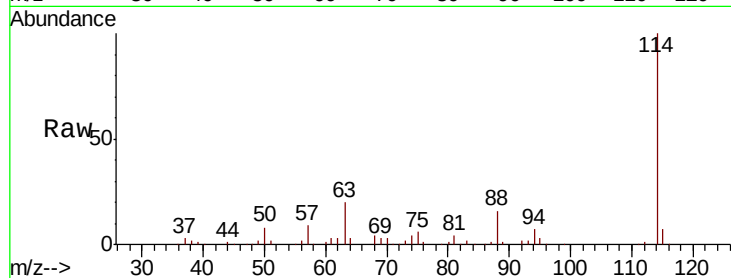




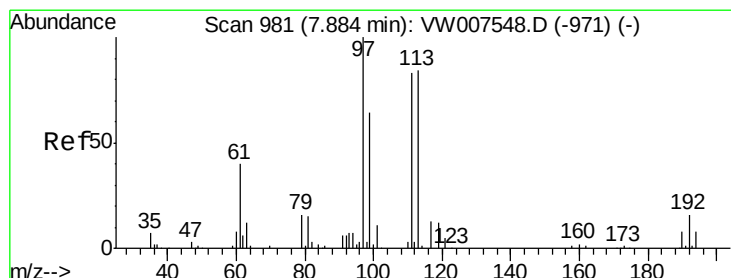
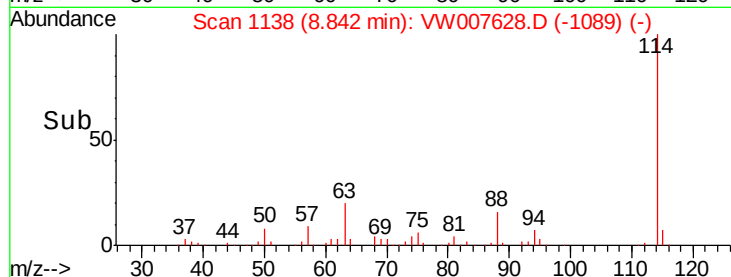
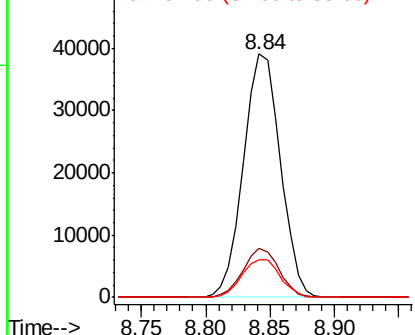
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.84 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

Instrument :  
MSVOA\_W  
ClientSampleId :  
P001-SD007-0612-01RE

Tot Ion:114 Resp: 77827  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 39.6  
88 15.6 0.0 31.4

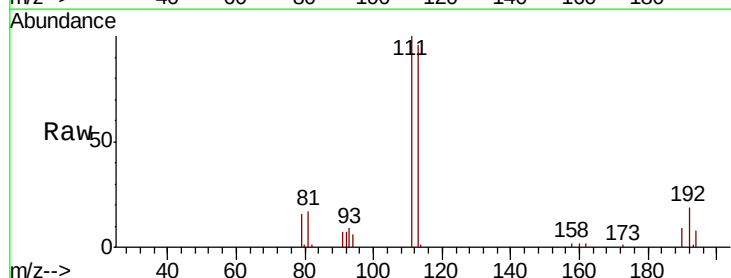


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VW  
Ion 87.90 (87.60 to 88.60): VW

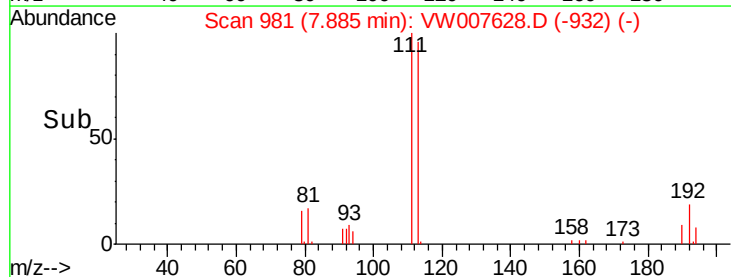
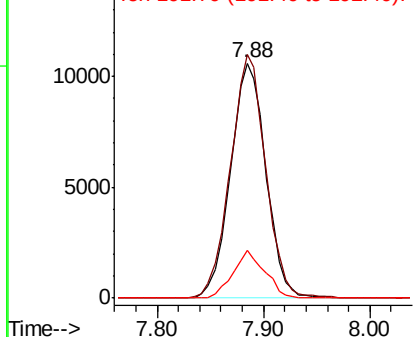


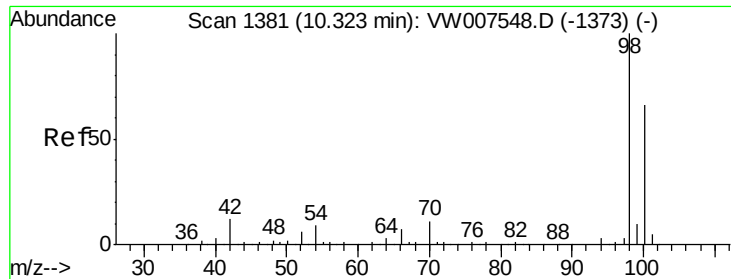
#35  
Dibromofluoromethane  
Concen: 52.231 ug/l  
RT: 7.88 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

Tgt Ion:113 Resp: 24607  
Ion Ratio Lower Upper  
113 100  
111 103.4 81.1 121.7  
192 18.2 14.6 21.8



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

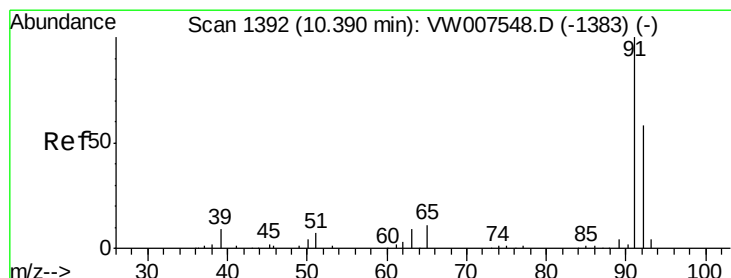
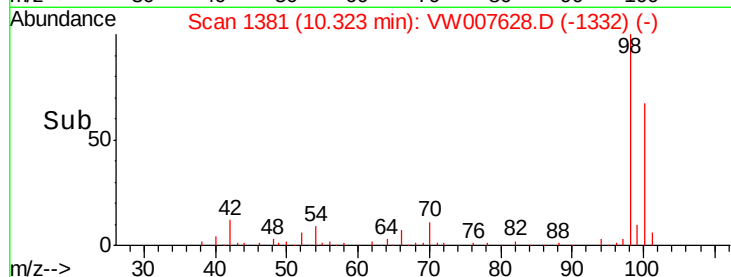
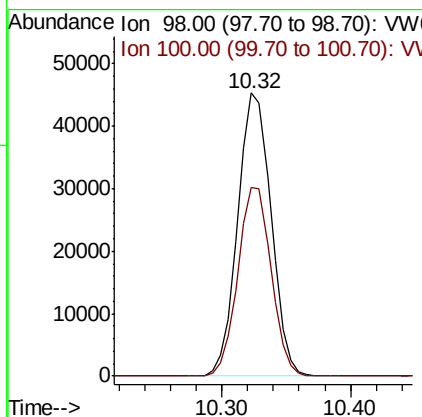
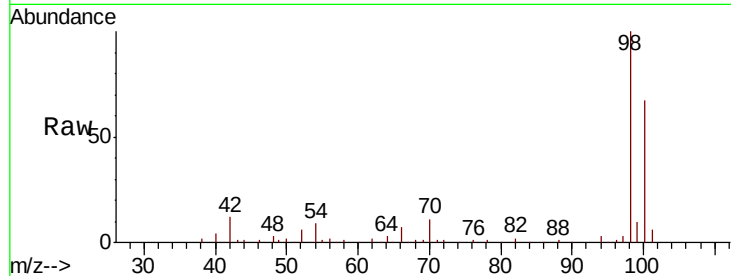




#50  
Toluene-d8  
Concen: 45.952 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

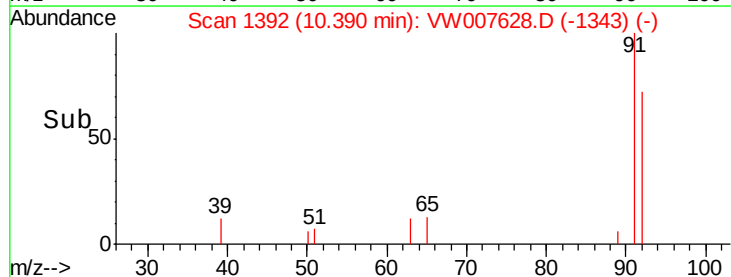
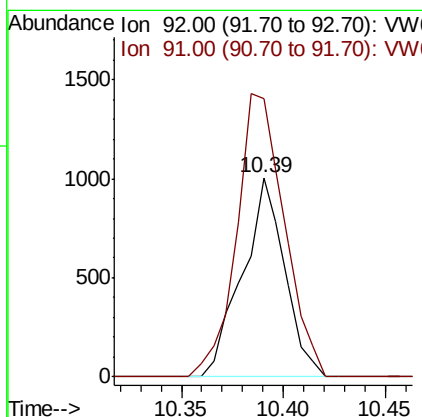
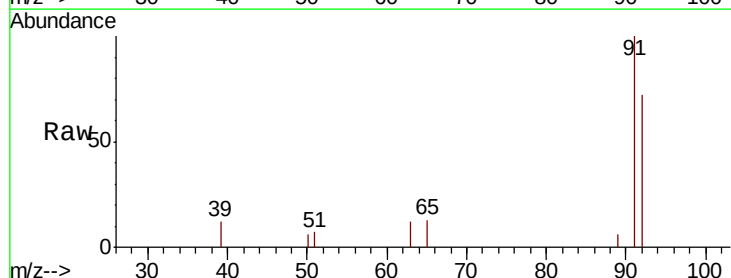
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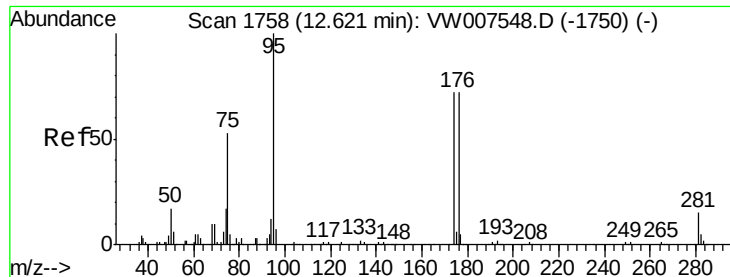
Tot Ion: 98 Resp: 81171  
Ion Ratio Lower Upper  
98 100  
100 66.6 51.8 77.8



#52  
Toluene  
Concen: 1.140 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

Tgt Ion: 92 Resp: 1453  
Ion Ratio Lower Upper  
92 100  
91 159.5 136.2 204.2

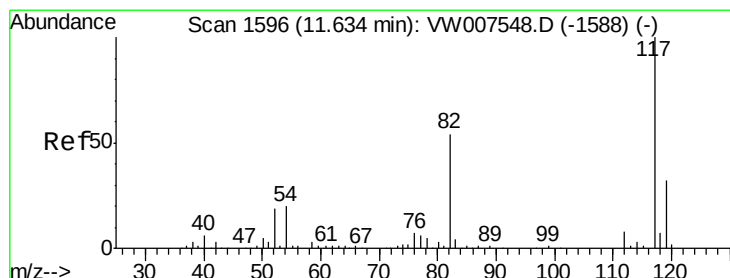
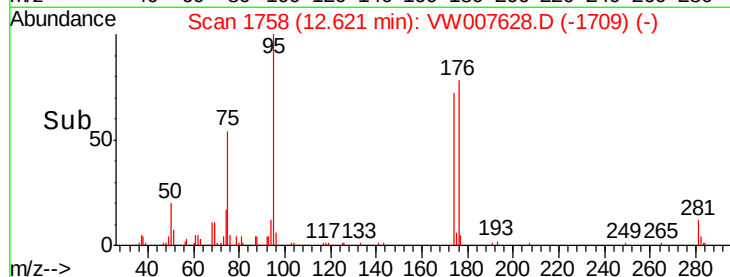
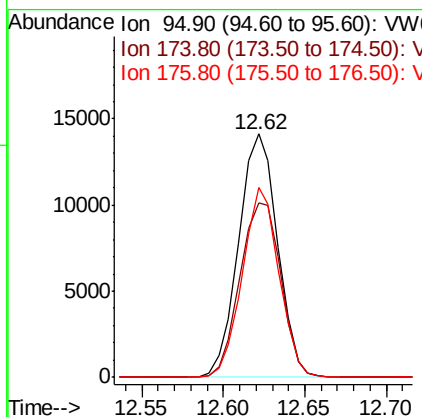
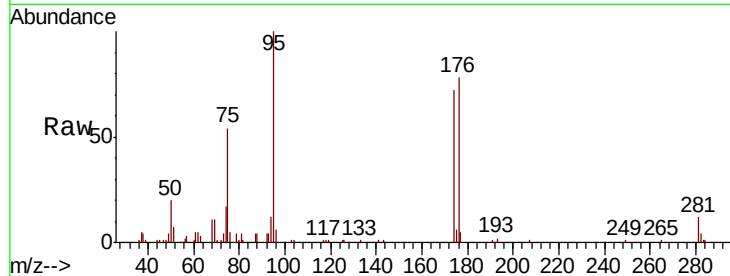




#62  
4-Bromofluorobenzene  
Concen: 36.162 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

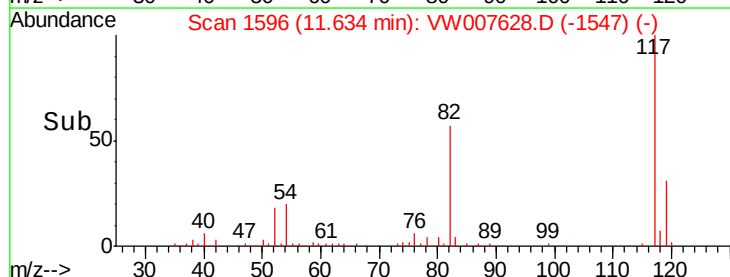
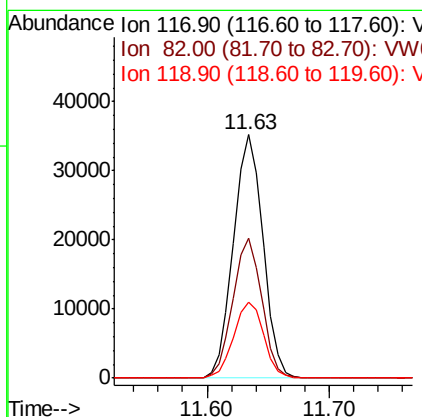
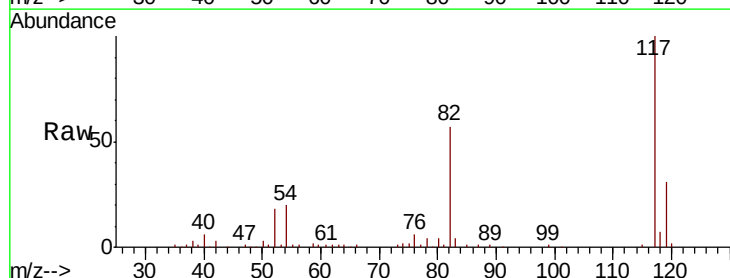
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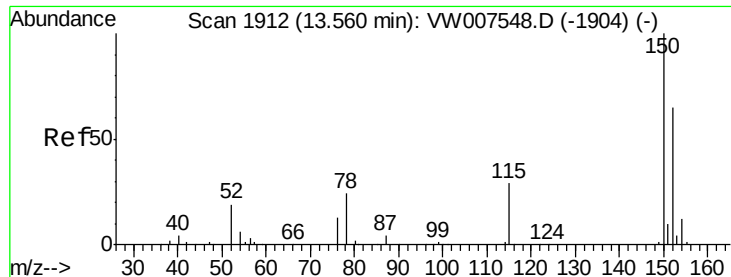
Tot Ion: 95 Resp: 23486  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 147.2  
176 73.4 0.0 138.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW007628.D  
Acq: 17 Dec 2018 13:49

Tgt Ion: 117 Resp: 59016  
Ion Ratio Lower Upper  
117 100  
82 57.3 42.3 63.5  
119 31.2 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007628.D

Acq: 17 Dec 2018 13:49

Instrument :

MSVOA\_W

ClientSampleId :

P001-SD007-0612-01RE

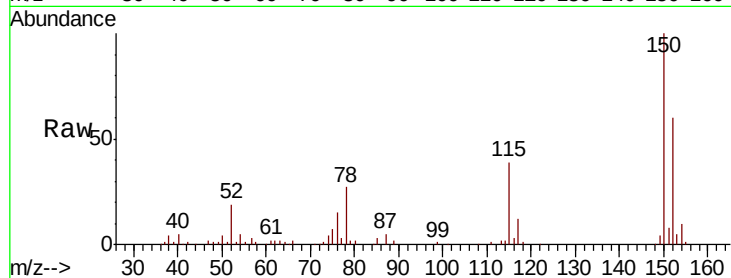
Tot Ion:152 Resp: 19155

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

150 158.9 0.0 358.4



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

