

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\  
 Data File : VW007725.D  
 Acq On : 20 Dec 2018 04:40  
 Operator : SY/AP  
 Sample : J6388-17  
 Misc : 6.24G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS011-1824-01

Quant Time: Dec 20 07:51:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W122118S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 06:30:23 2018  
 Response via : Initial Calibration

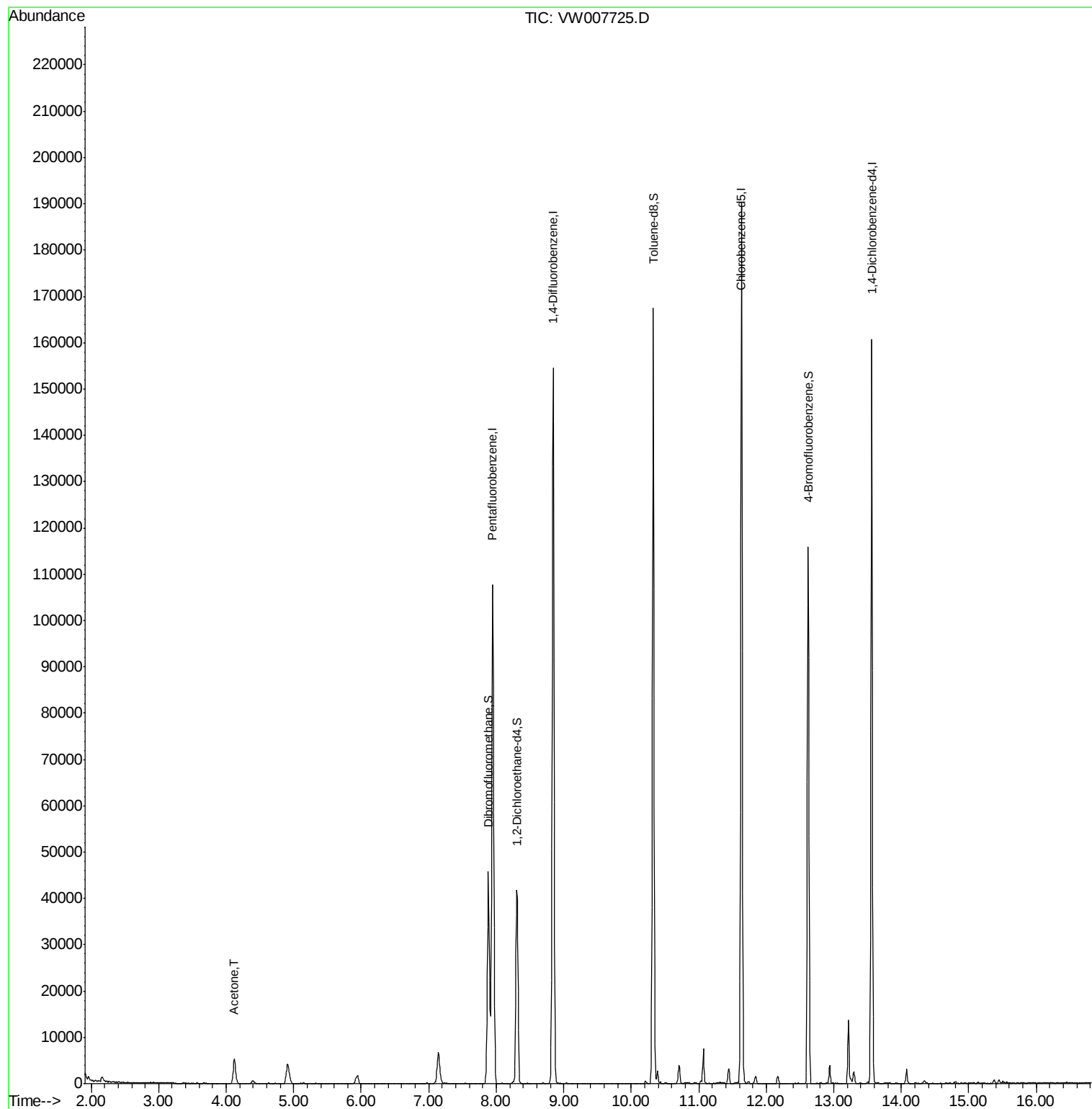
| Internal Standards          | R.T.   | QIon | Response | Conc   | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|--------|-----------|
| 1) Pentafluorobenzene       | 7.95   | 168  | 77967    | 50.00  | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.84   | 114  | 130992   | 50.00  | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 107236   | 50.00  | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.56  | 152  | 41742    | 50.00  | ug/l   | 0.00      |
| System Monitoring Compounds |        |      |          |        |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65   | 35444    | 41.48  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.96% |           |
| 35) Dibromofluoromethane    | 7.88   | 113  | 33031    | 41.33  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =      | 82.66% |           |
| 50) Toluene-d8              | 10.32  | 98   | 111927   | 37.15  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =      | 74.30% |           |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 38049    | 32.69  | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =      | 65.38% |           |
| Target Compounds            |        |      |          |        |        |           |
| 16) Acetone                 | 4.12   | 43   | 9391     | 58.685 | ug/l   | Qvalue 96 |

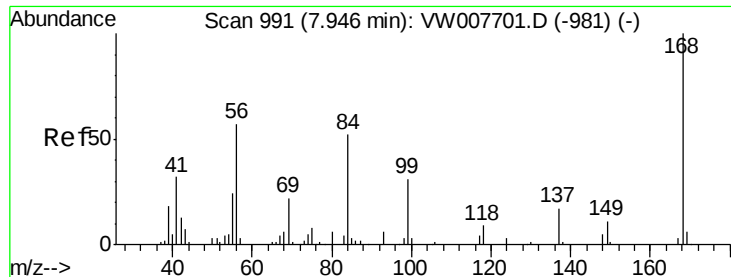
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122118\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W122118S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 20 06:30:23 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA\_W

ClientSampleId :

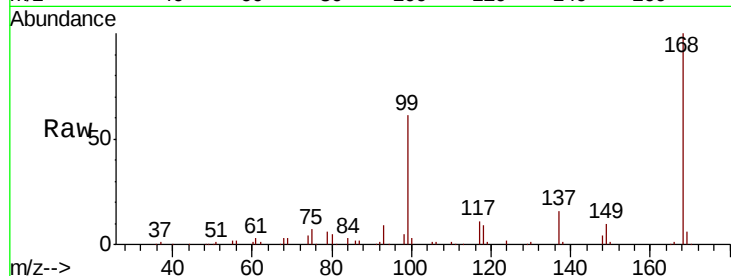
P001-SS011-1824-01

Tot Ion:168 Resp: 77967

Ion Ratio Lower Upper

168 100

99 61.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

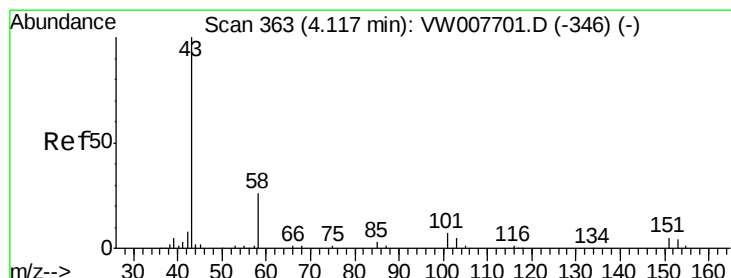
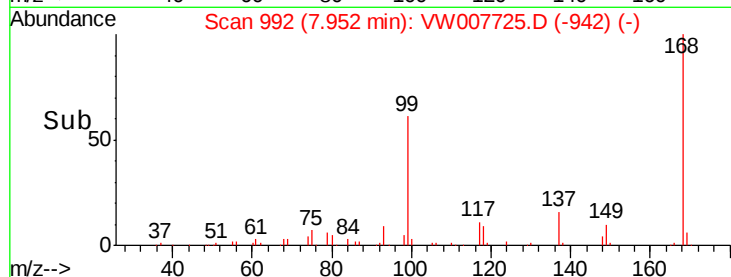
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 58.685 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007725.D

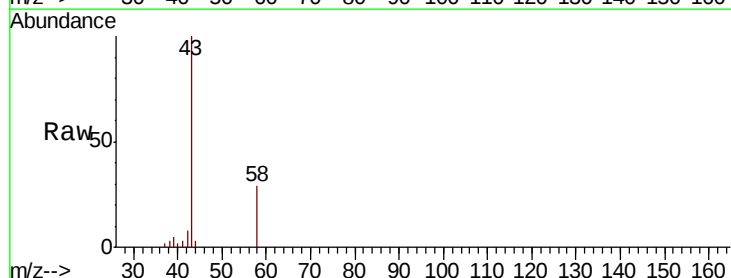
Acq: 20 Dec 2018 04:40

Tgt Ion: 43 Resp: 9391

Ion Ratio Lower Upper

43 100

58 28.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

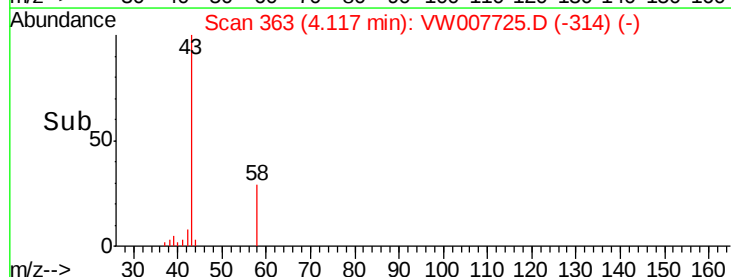
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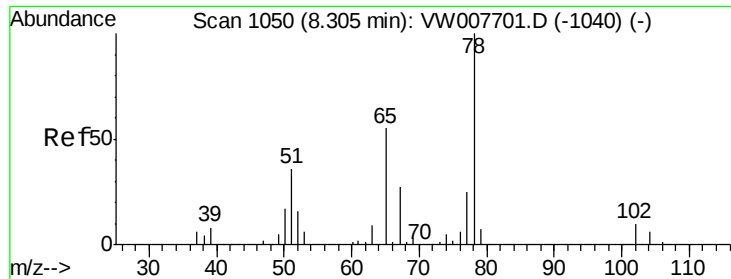
1000

0

4.00 4.10 4.20

Time-->

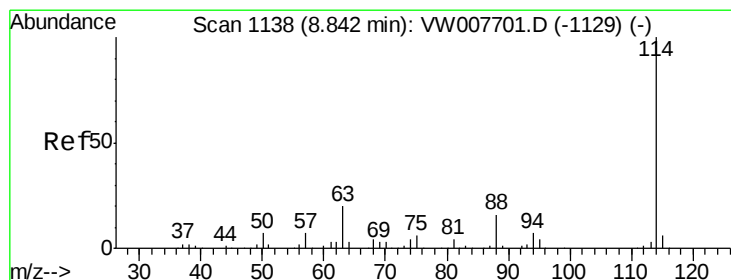
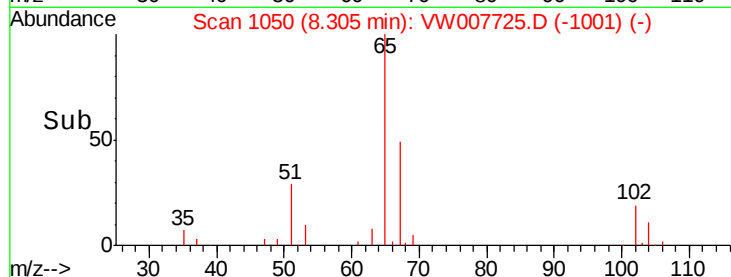
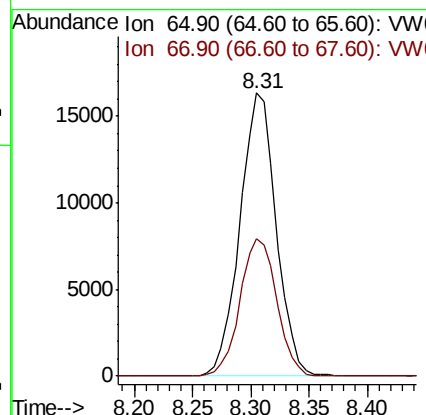
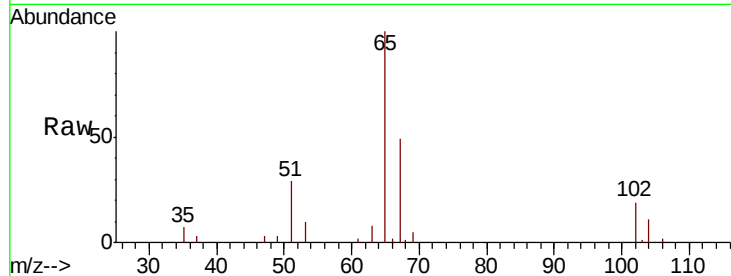




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.477 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW007725.D  
 Acq: 20 Dec 2018 04:40

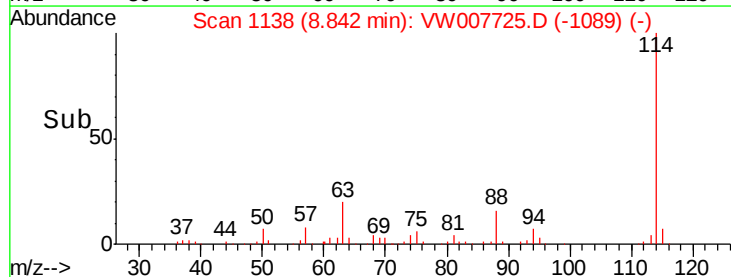
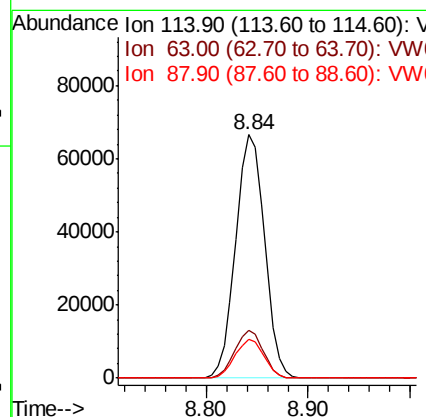
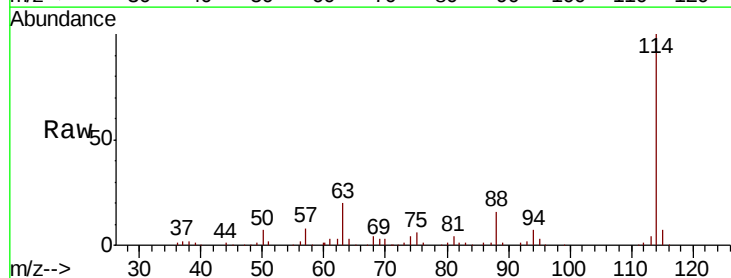
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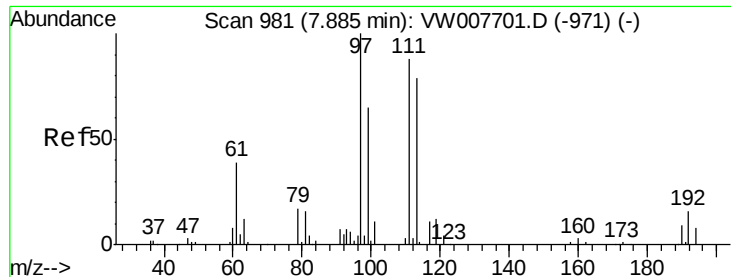
Tot Ion: 65 Resp: 35444  
 Ion Ratio Lower Upper  
 65 100  
 67 49.2 0.0 100.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW007725.D  
 Acq: 20 Dec 2018 04:40

Tgt Ion: 114 Resp: 130992  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 40.0  
 88 16.2 0.0 32.6

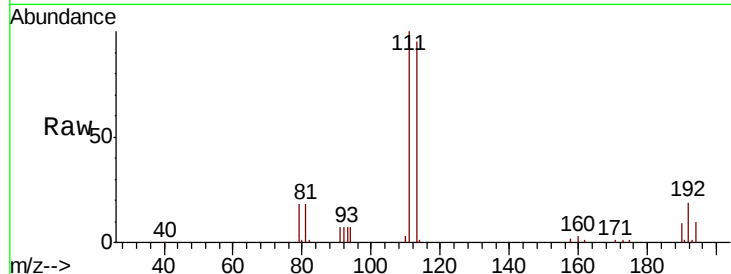




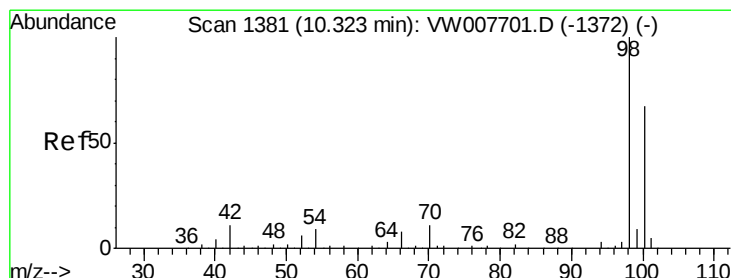
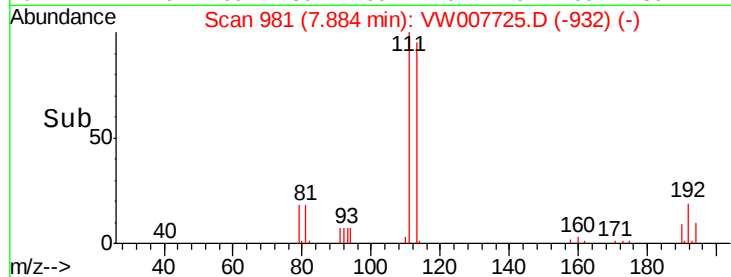
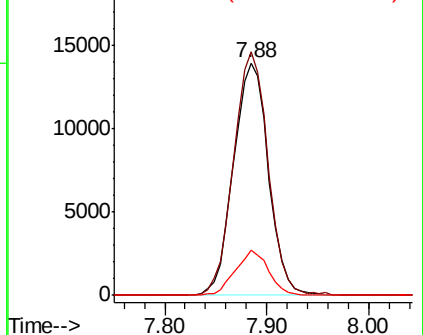
#35  
 Dibromofluoromethane  
 Concen: 41.334 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW007725.D  
 Acq: 20 Dec 2018 04:40

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 P001-SS011-1824-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.7 | 82.6  | 124.0 |
| 192     | 18.4  | 15.5  | 23.3  |

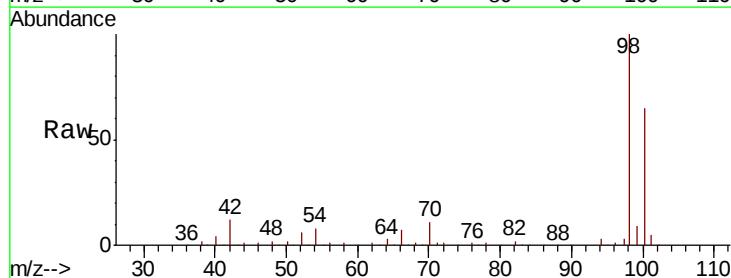


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

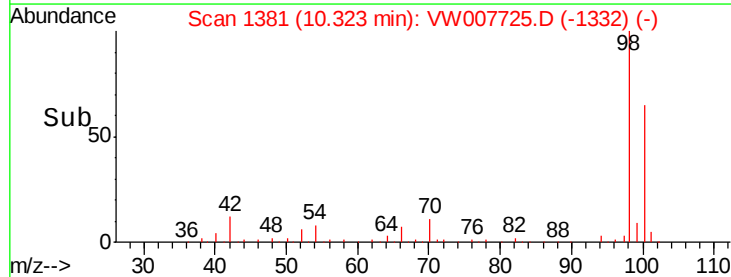
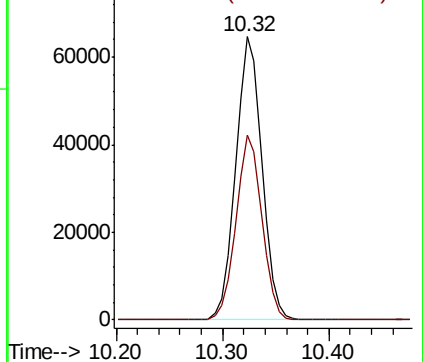


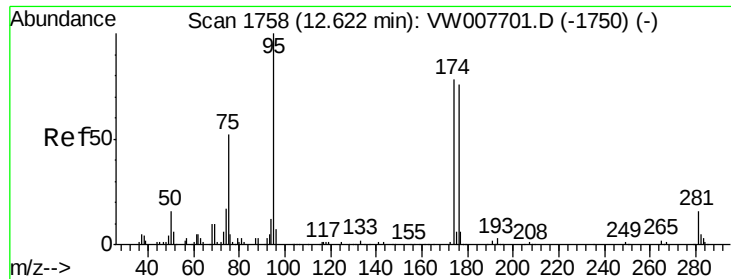
#50  
 Toluene-d8  
 Concen: 37.153 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VW007725.D  
 Acq: 20 Dec 2018 04:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 52.2  | 78.2  |



Abundance Ion 98.00 (97.70 to 98.70): VW  
 Ion 100.00 (99.70 to 100.70): VW

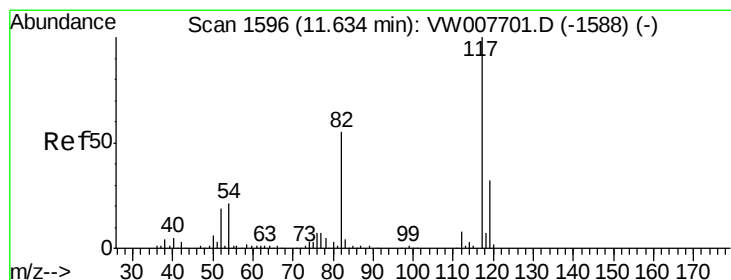
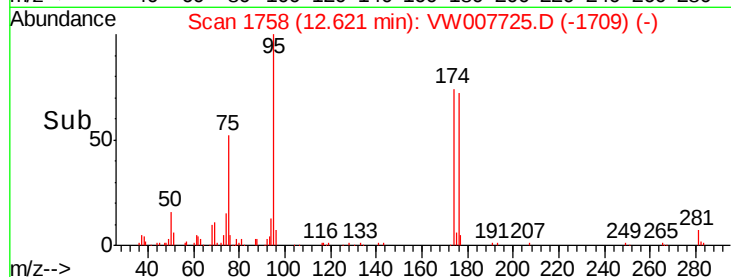
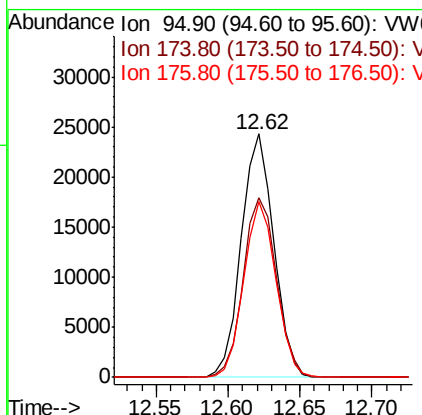
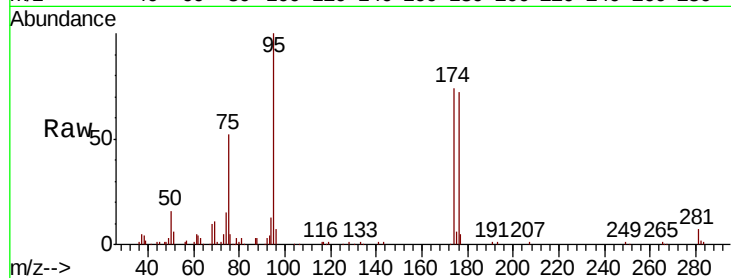




#62  
4-Bromofluorobenzene  
Concen: 32.693 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: VW007725.D  
Acq: 20 Dec 2018 04:40

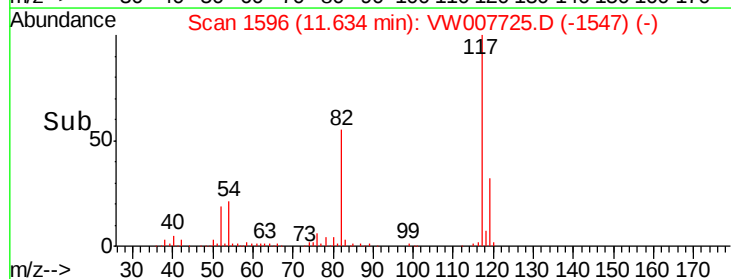
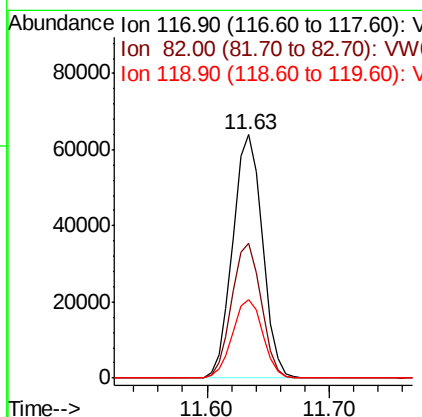
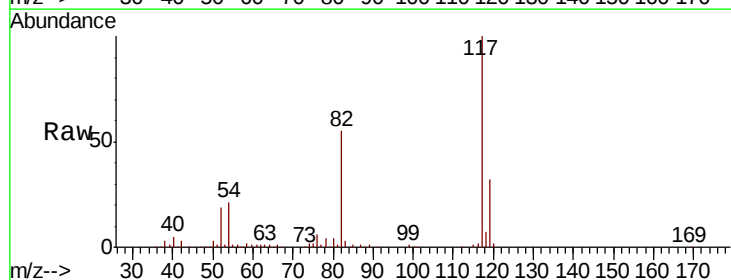
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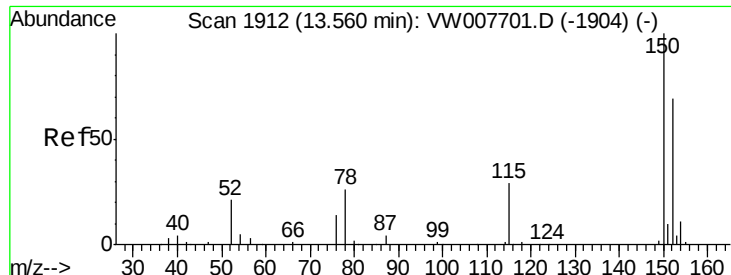
Tot Ion: 95 Resp: 38049  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 152.2  
176 71.4 0.0 146.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW007725.D  
Acq: 20 Dec 2018 04:40

Tgt Ion: 117 Resp: 107236  
Ion Ratio Lower Upper  
117 100  
82 55.2 44.3 66.5  
119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA\_W

ClientSampleId :

P001-SS011-1824-01

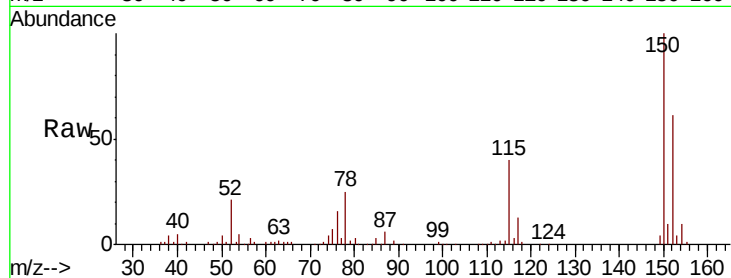
Tot Ion:152 Resp: 41742

Ion Ratio Lower Upper

152 100

115 62.9 31.8 95.4

150 155.6 0.0 350.8



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

