

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\  
 Data File : VW008719.D  
 Acq On : 16 Feb 2019 08:24  
 Operator : SY/VA  
 Sample : K1513-05  
 Misc : 5.10G/5ML/MSVOA W/SOIL  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 INNER-WALL

Quant Time: Feb 18 08:12:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W021319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 04:06:50 2019  
 Response via : Initial Calibration

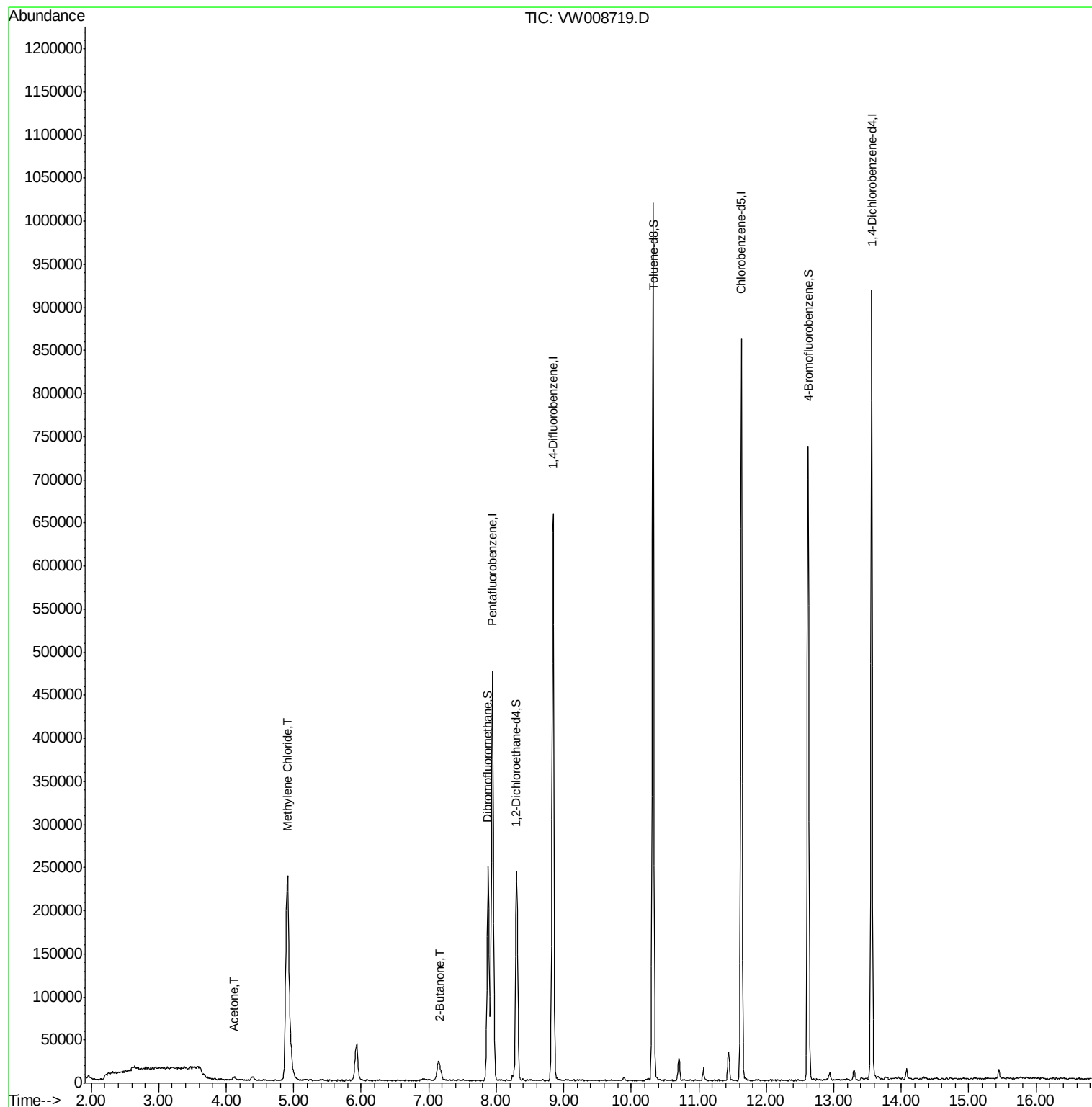
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 360834   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 542702   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 477860   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 233690   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 184742   | 49.25  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.50%  |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 169245   | 50.22  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.44% |          |
| 50) Toluene-d8              | 10.32 | 98   | 650120   | 50.05  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.10% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 223673   | 45.71  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 91.42%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.12  | 43   | 7012     | 8.214  | ug/l #  | 88       |
| 20) Methylene Chloride      | 4.90  | 84   | 207233   | 55.962 | ug/l    | 91       |
| 25) 2-Butanone              | 7.17  | 43   | 12836    | 10.649 | ug/l    | 97       |

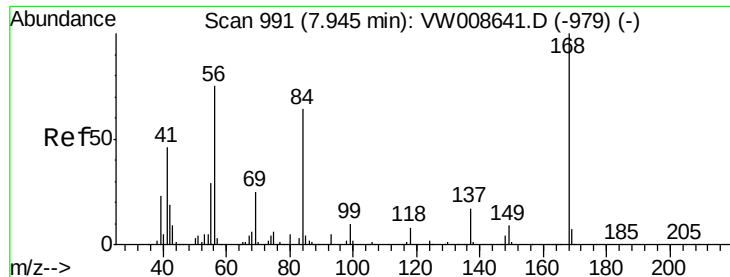
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021519\  
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MSVOA\_W  
ClientSampleId :  
INNER-WALL

Quant Time: Feb 18 08:12:01 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W021319S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 14 04:06:50 2019  
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: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA\_W

ClientSampleId :

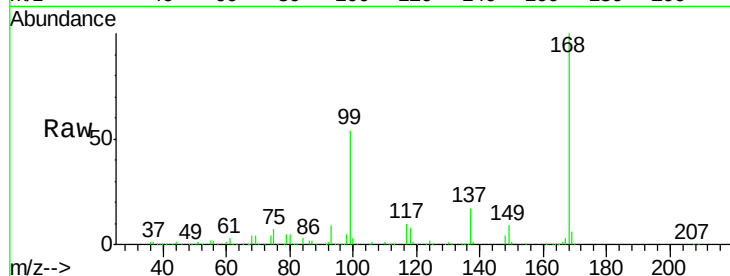
INNER-WALL

Tot Ion:168 Resp: 360834

Ion Ratio Lower Upper

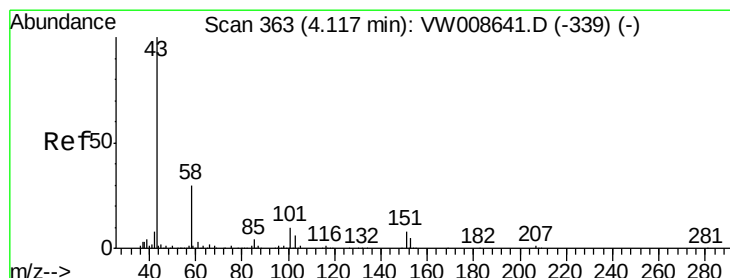
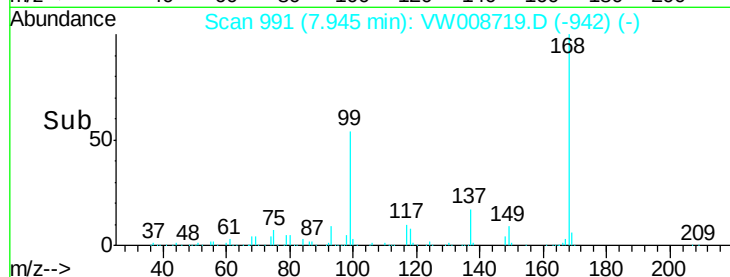
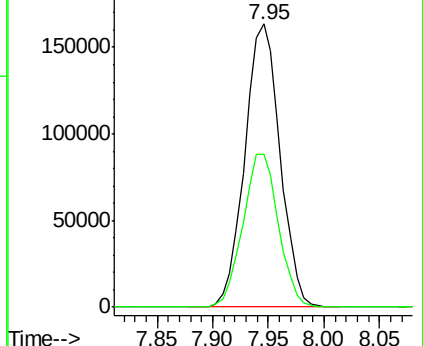
168 100

99 54.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.214 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008719.D

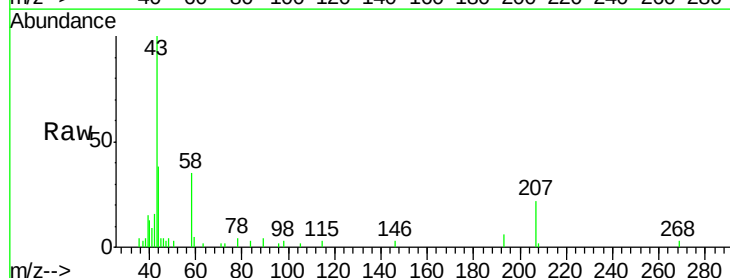
Acq: 16 Feb 2019 08:24

Tgt Ion: 43 Resp: 7012

Ion Ratio Lower Upper

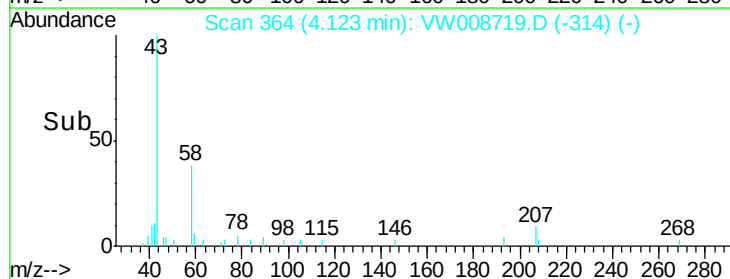
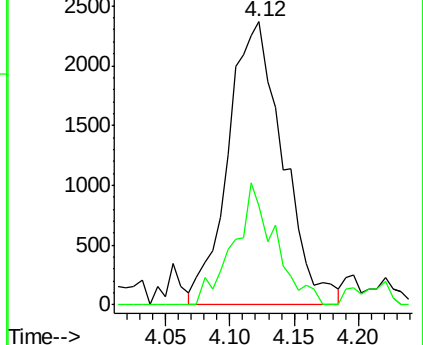
43 100

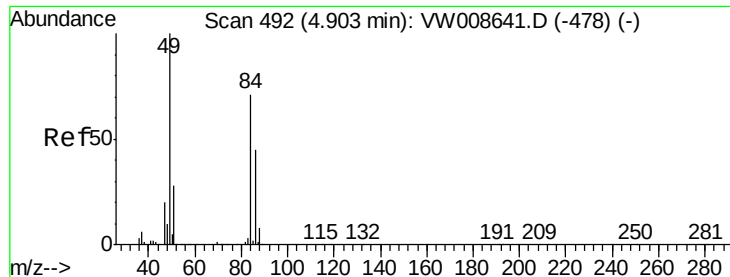
58 36.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

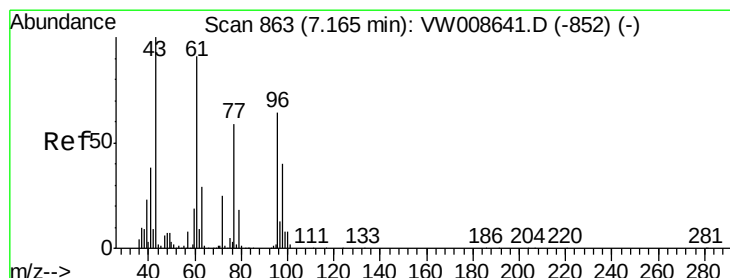
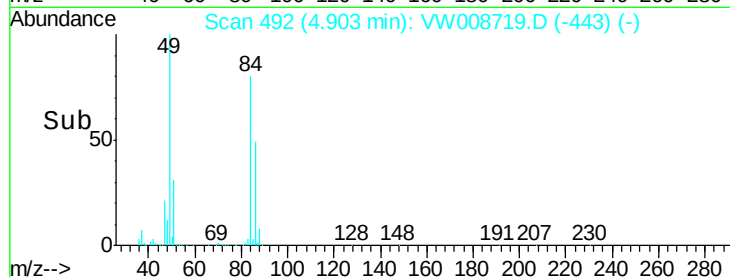
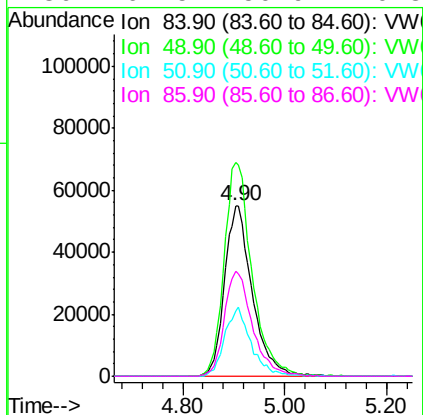
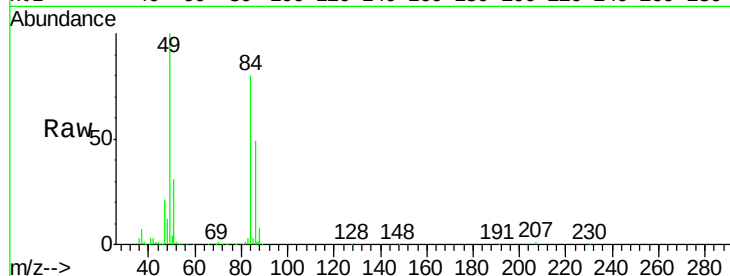




#20  
Methylene Chloride  
Concen: 55.962 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: VW008719.D  
Acq: 16 Feb 2019 08:24

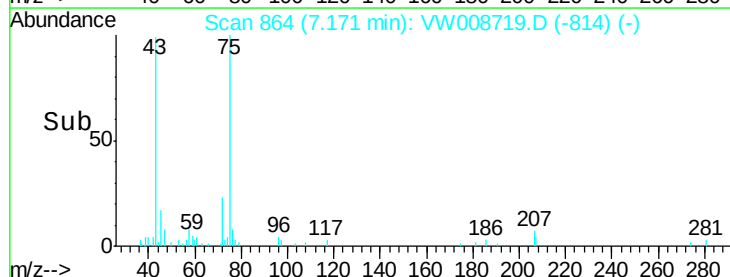
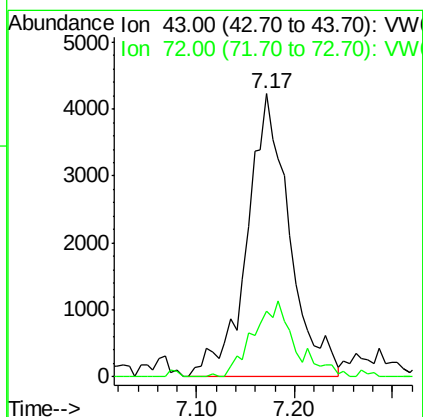
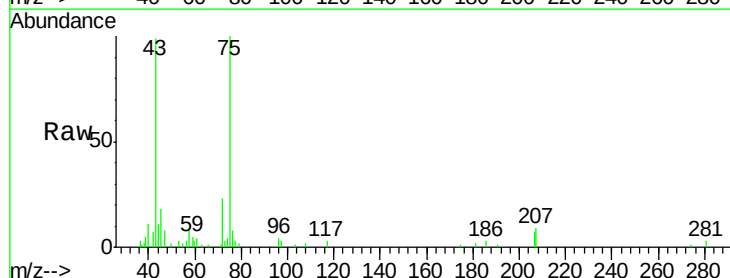
Instrument :  
MSVOA\_W  
ClientSampled :  
INNER-WALL

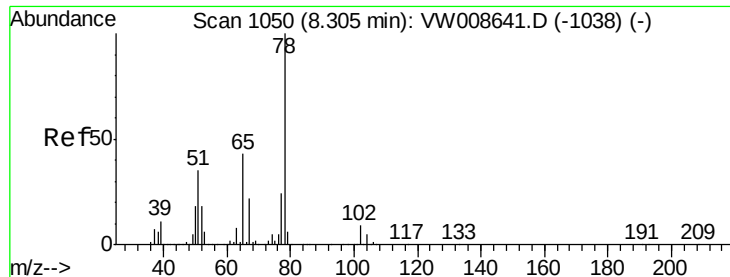
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 84    | Resp: | 207233 |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 125.0 | 113.3 | 169.9  |
| 51       | 38.4  | 32.1  | 48.1   |
| 86       | 61.5  | 50.9  | 76.3   |



#25  
2-Butanone  
Concen: 10.649 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW008719.D  
Acq: 16 Feb 2019 08:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12836 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 23.2  | 19.7  | 29.5  |

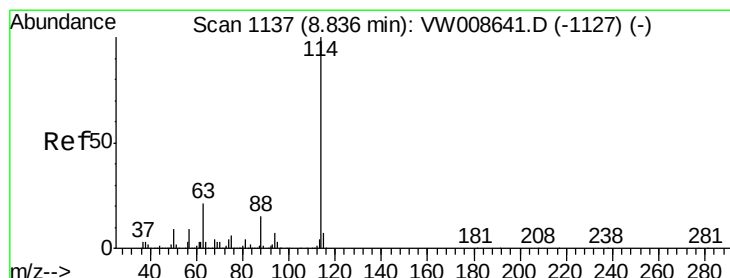
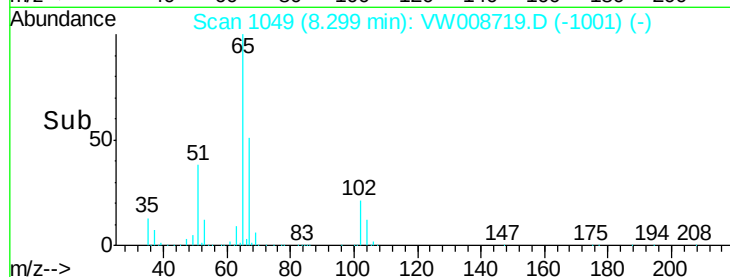
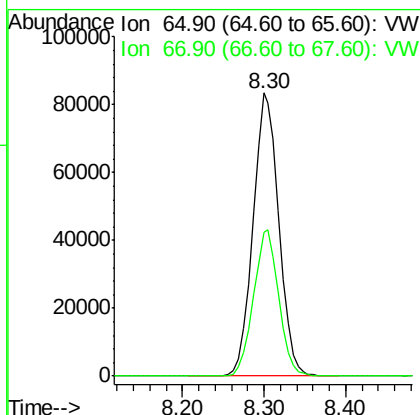
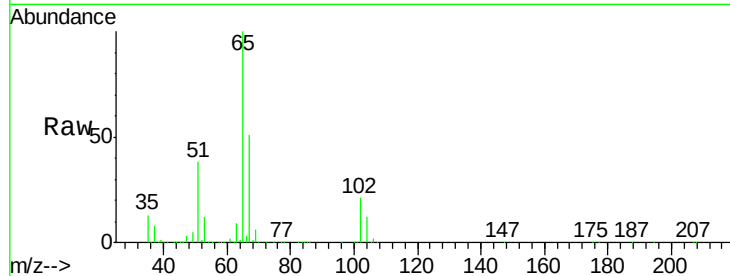




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.247 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW008719.D  
 Acq: 16 Feb 2019 08:24

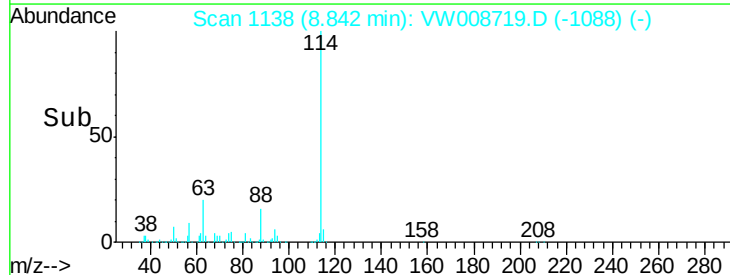
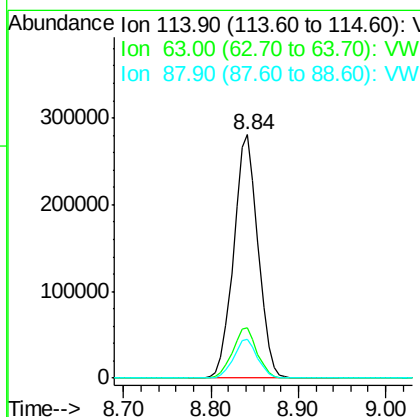
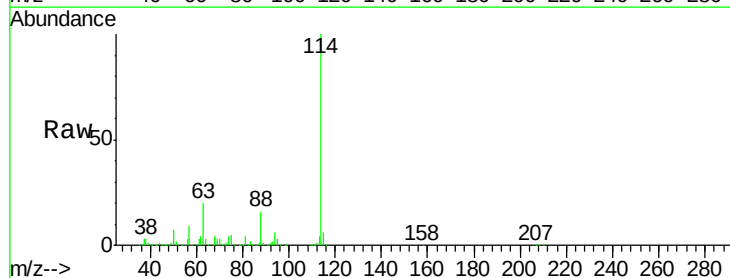
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 INNER-WALL

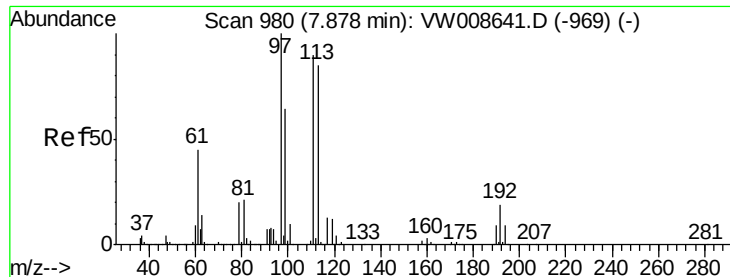
Tot Ion: 65 Resp: 184742  
 Ion Ratio Lower Upper  
 65 100  
 67 50.7 0.0 102.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.01 min  
 Lab File: VW008719.D  
 Acq: 16 Feb 2019 08:24

Tgt Ion: 114 Resp: 542702  
 Ion Ratio Lower Upper  
 114 100  
 63 20.5 0.0 41.2  
 88 15.7 0.0 29.6

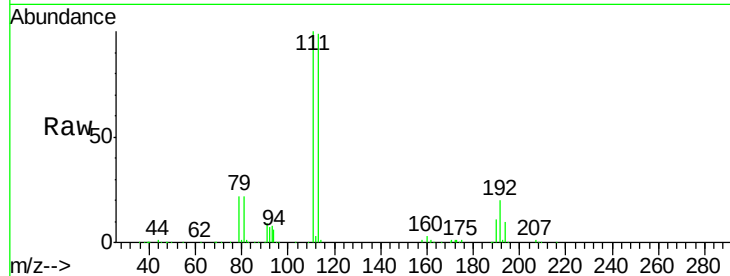




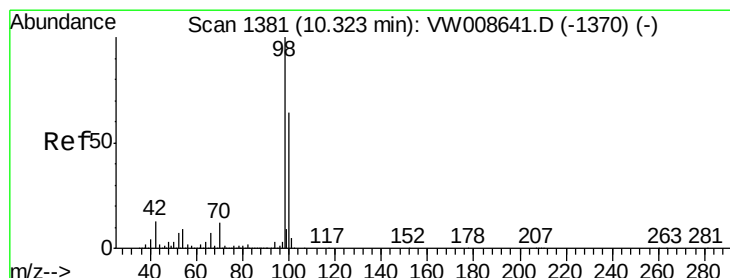
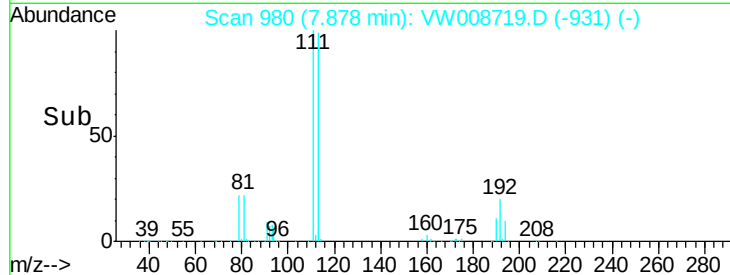
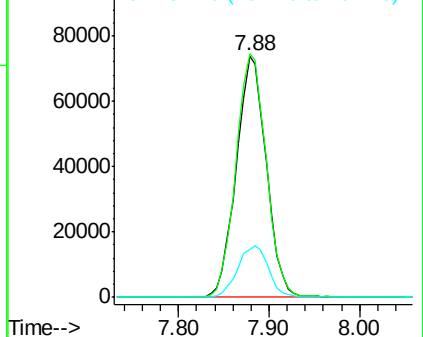
#35  
 Dibromofluoromethane  
 Concen: 50.223 ug/l  
 RT: 7.88 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: VW008719.D  
 Acq: 16 Feb 2019 08:24

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 INNER-WALL

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 84.0  | 126.0 |
| 192     | 21.9  | 17.4  | 26.2  |

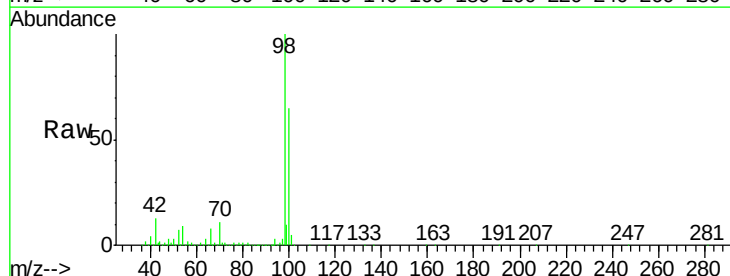


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

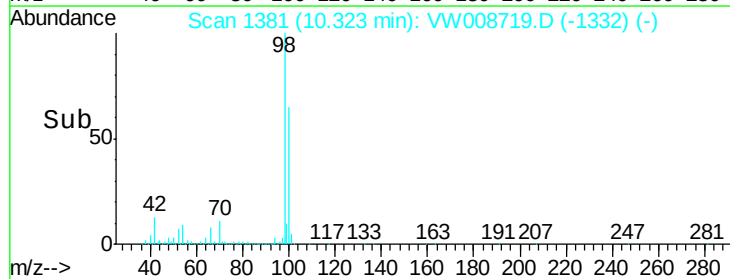
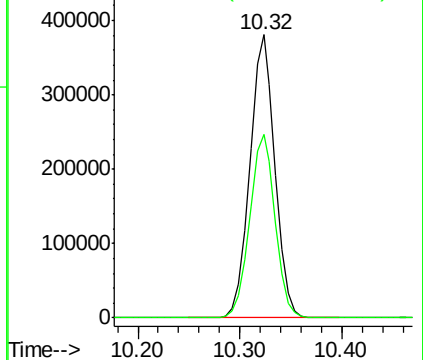


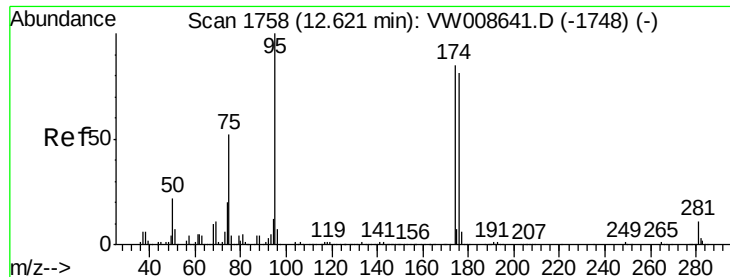
#50  
 Toluene-d8  
 Concen: 50.046 ug/l  
 RT: 10.32 min Scan# 1381  
 Delta R.T. 0.00 min  
 Lab File: VW008719.D  
 Acq: 16 Feb 2019 08:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.8  | 52.2  | 78.4  |



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

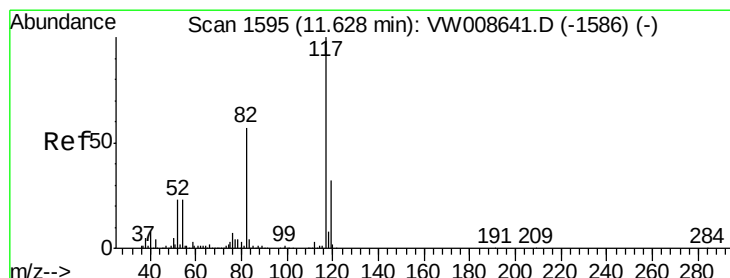
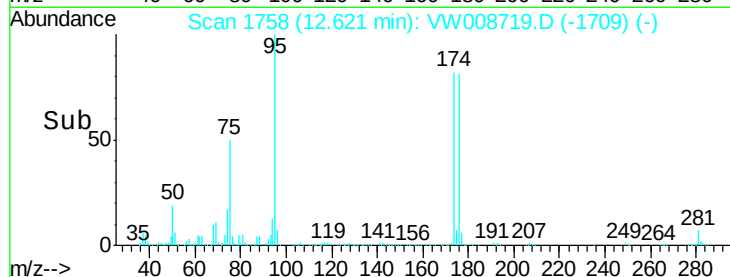
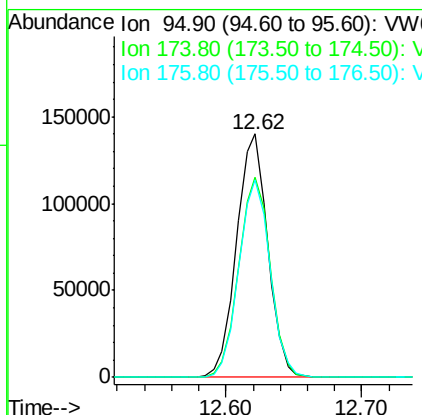
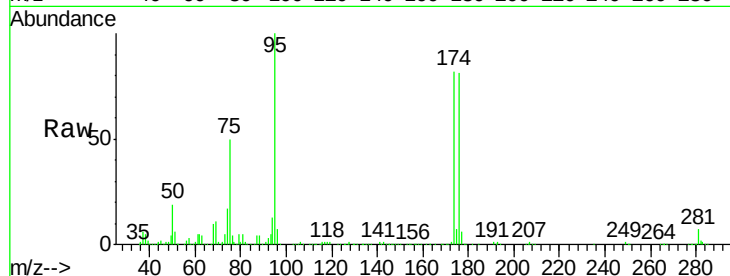




#62  
4-Bromofluorobenzene  
Concen: 45.713 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW008719.D  
Acq: 16 Feb 2019 08:24

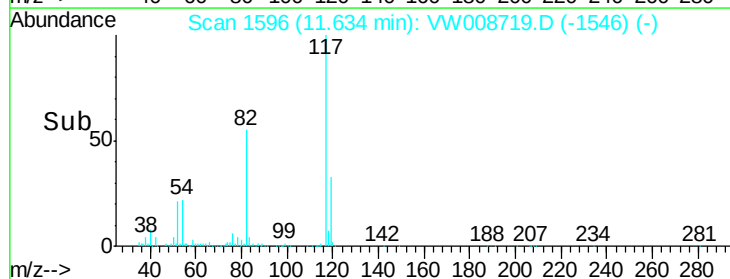
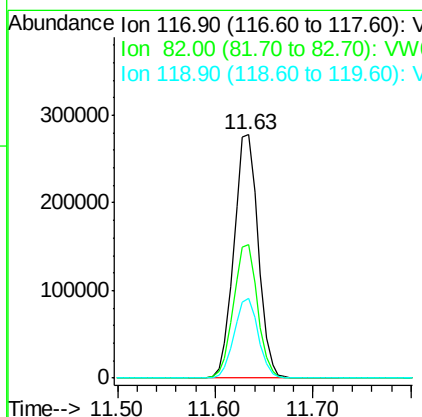
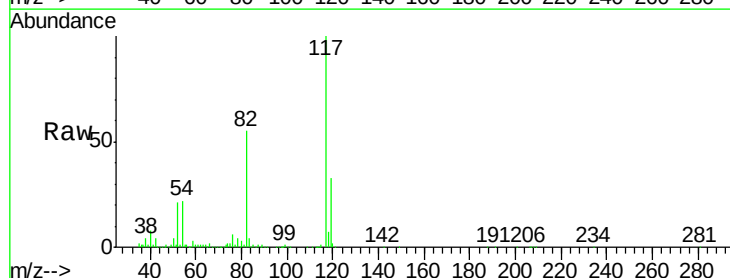
Instrument :  
MSVOA\_W  
ClientSampleId :  
INNER-WALL

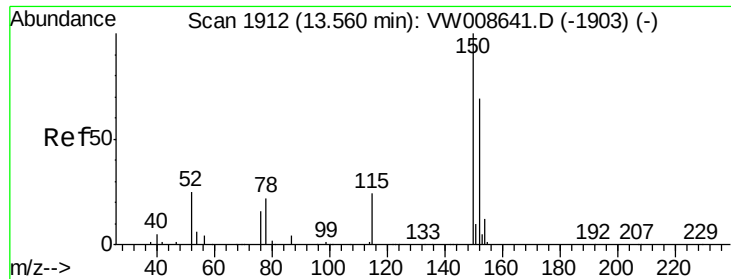
Tot Ion: 95 Resp: 223673  
Ion Ratio Lower Upper  
95 100  
174 83.3 0.0 163.2  
176 81.3 0.0 158.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.01 min  
Lab File: VW008719.D  
Acq: 16 Feb 2019 08:24

Tgt Ion: 117 Resp: 477860  
Ion Ratio Lower Upper  
117 100  
82 54.8 45.6 68.4  
119 32.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA\_W

ClientSampleId :

INNER-WALL

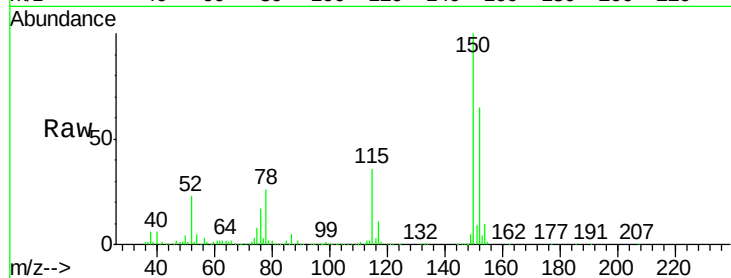
Tot Ion:152 Resp: 233690

Ion Ratio Lower Upper

152 100

115 57.8 29.3 87.8

150 157.1 0.0 352.8



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

