

Data Path : W:\HPCHEM1\MSVOA\_H\DATA\VH092215\  
 Data File : VH057109.D  
 Acq On : 22 Sep 2015 17:54  
 Operator : SY/FY  
 Sample : G3767-10ME  
 Misc : 4.99g/10mL//100uL/5mL/MSVOA\_H/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 ERD45-CS10-3ME

Quant Time: Sep 23 11:38:56 2015  
 Quant Method : W:\HPCHEM1\MSVOA\_H\METHODS\82H091715W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 18 15:34:01 2015  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.83  | 168  | 993006   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 5.55  | 114  | 1715947  | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.71  | 117  | 1379298  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.49 | 152  | 424023   | 50.00 | ug/l  | 0.00     |

System Monitoring Compounds

|                           |                |     |            |         |      |       |
|---------------------------|----------------|-----|------------|---------|------|-------|
| 33) 1,2-Dichloroethane-d4 | 4.80           | 65  | 893774     | 50.40   | ug/l | -0.01 |
| Spiked Amount 50.000      | Range 66 - 150 |     | Recovery = | 100.80% |      |       |
| 35) Dibromofluoromethane  | 4.07           | 113 | 805418     | 58.95   | ug/l | -0.01 |
| Spiked Amount 50.000      | Range 76 - 130 |     | Recovery = | 117.90% |      |       |
| 48) Toluene-d8            | 7.50           | 98  | 2311035    | 58.83   | ug/l | -0.02 |
| Spiked Amount 50.000      | Range 78 - 121 |     | Recovery = | 117.66% |      |       |
| 62) 4-Bromofluorobenzene  | 11.35          | 95  | 806072     | 60.84   | ug/l | 0.00  |
| Spiked Amount 50.000      | Range 70 - 131 |     | Recovery = | 121.68% |      |       |

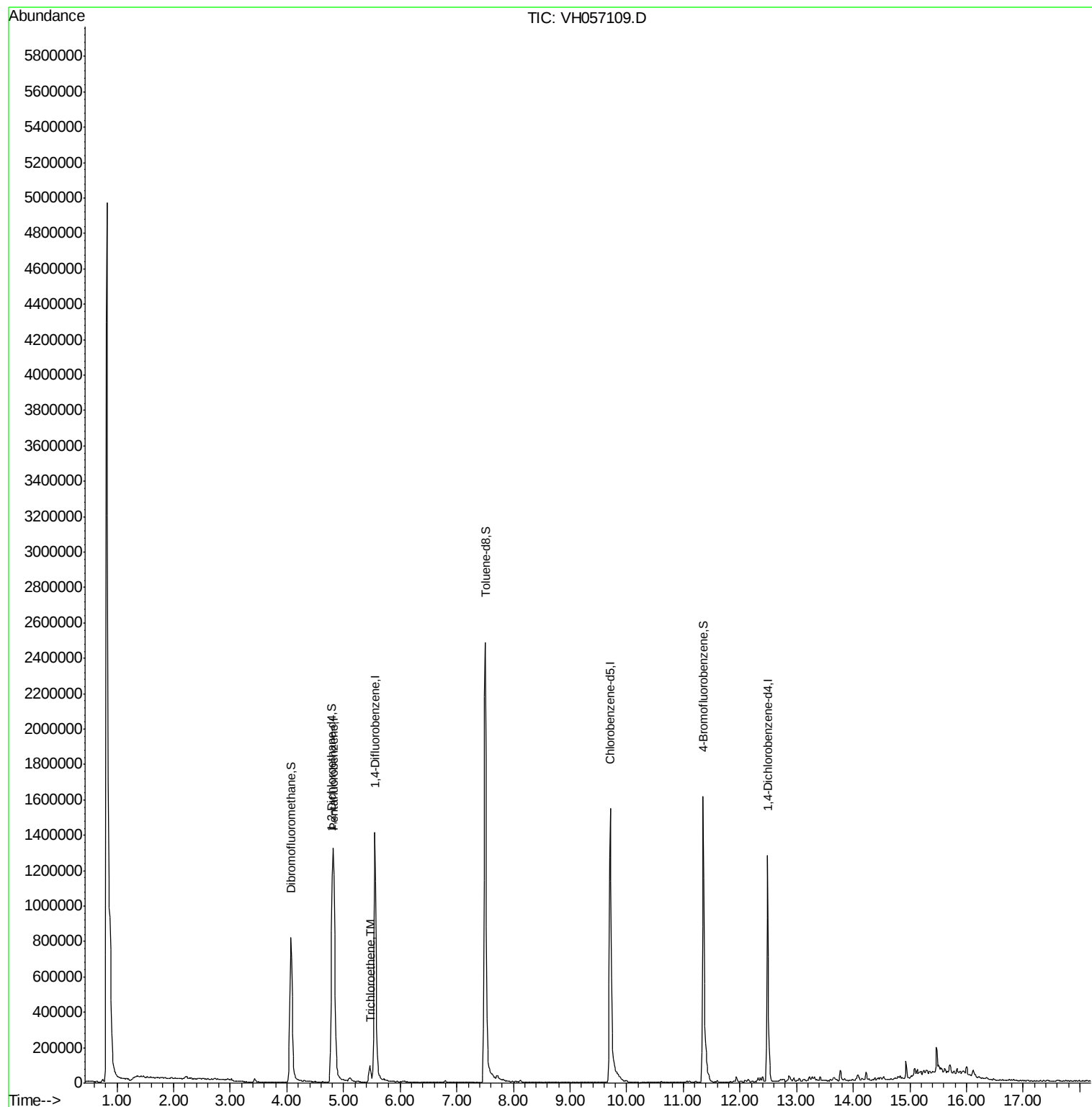
| Target Compounds    |      |     |       |      |      | Qvalue |
|---------------------|------|-----|-------|------|------|--------|
| 43) Trichloroethene | 5.47 | 130 | 49152 | 4.31 | ug/l | # 74   |

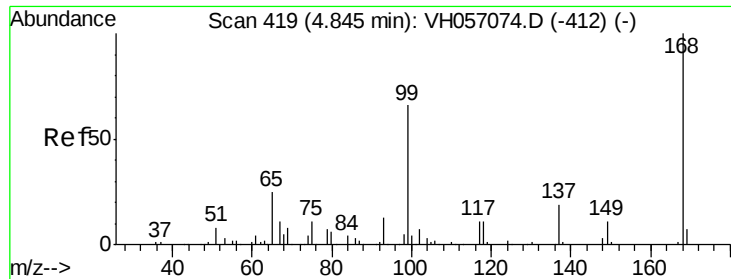
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Sep 18 15:34:01 2015  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 418

Delta R.T. -0.01 min

Lab File: VH057109.D

Acq: 22 Sep 2015 17:54

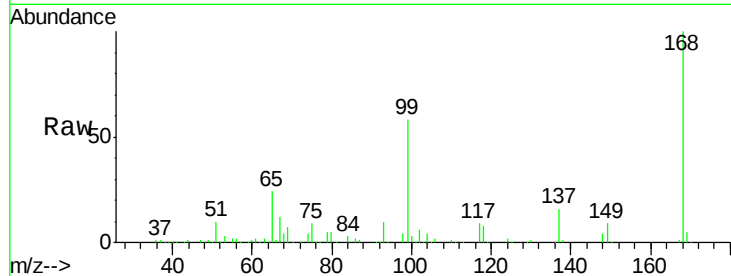
Instrument :  
MSVOA\_H  
ClientSampleId :  
ERD45-CS10-3ME

Tgt Ion: 168 Resp: 993006

Ion Ratio Lower Upper

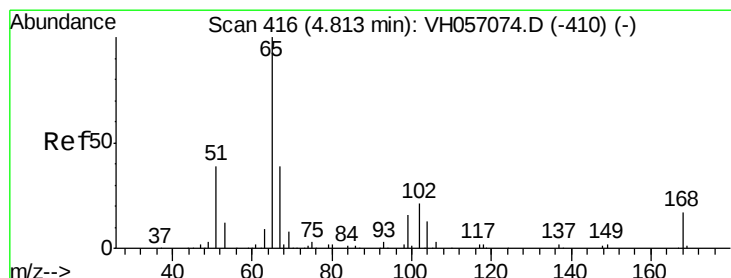
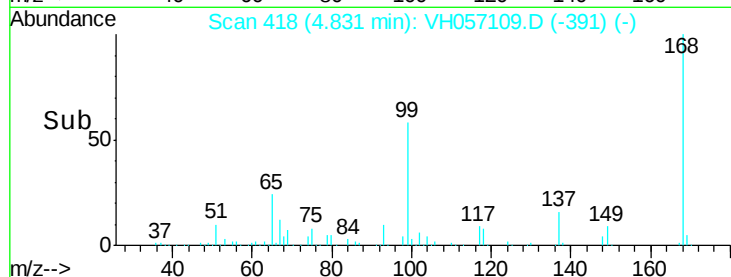
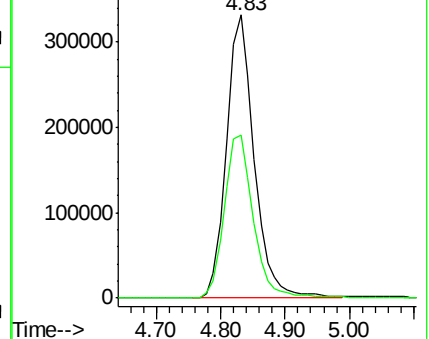
168 100

99 57.5 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0



#33

1,2-Dichloroethane-d4

Concen: 50.40 ug/l

RT: 4.80 min Scan# 415

Delta R.T. -0.01 min

Lab File: VH057109.D

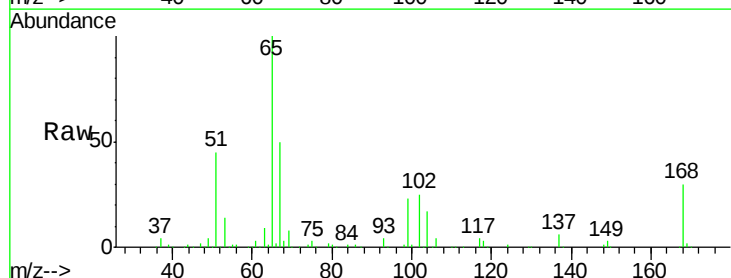
Acq: 22 Sep 2015 17:54

Tgt Ion: 65 Resp: 893774

Ion Ratio Lower Upper

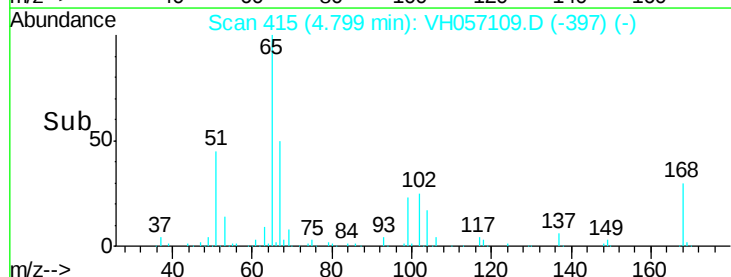
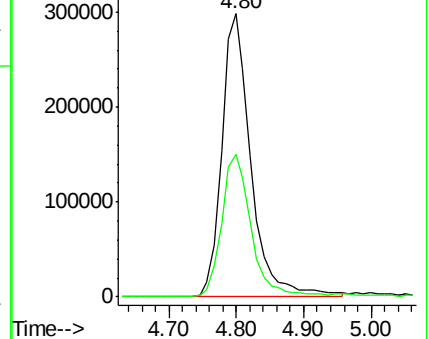
65 100

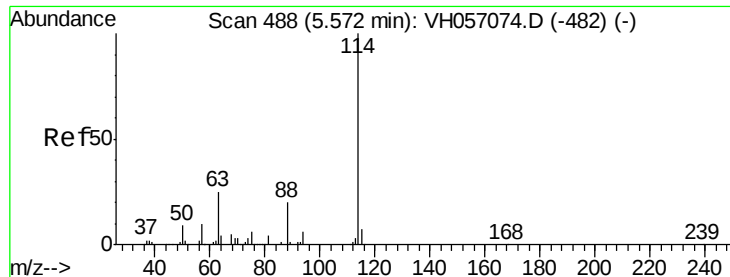
67 50.2 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

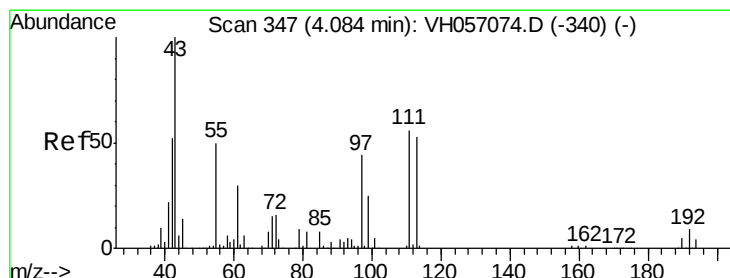
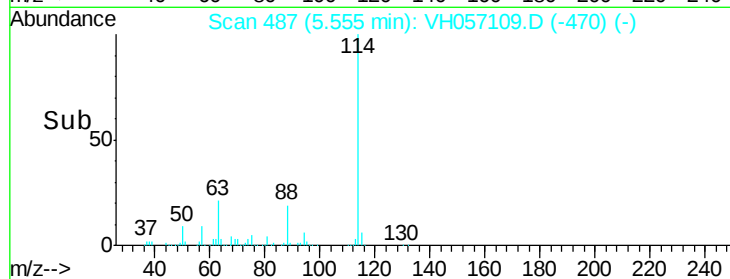
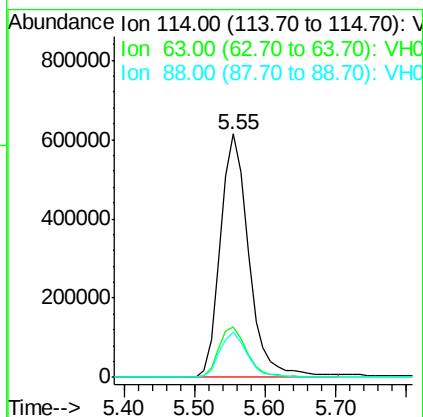
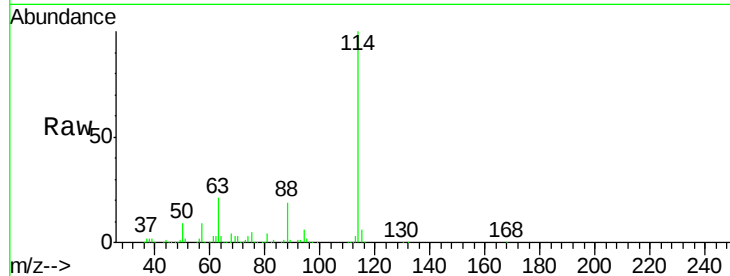




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.55 min Scan# 487  
 Delta R.T. -0.02 min  
 Lab File: VH057109.D  
 Acq: 22 Sep 2015 17:54

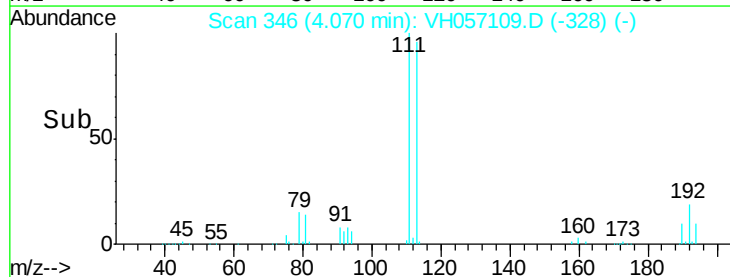
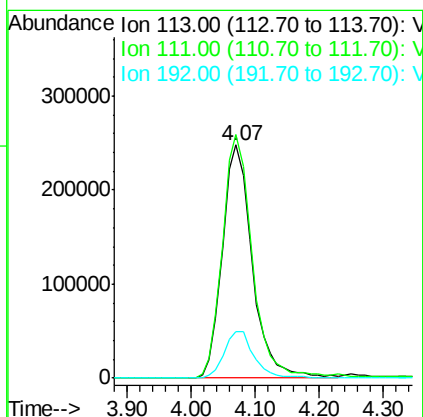
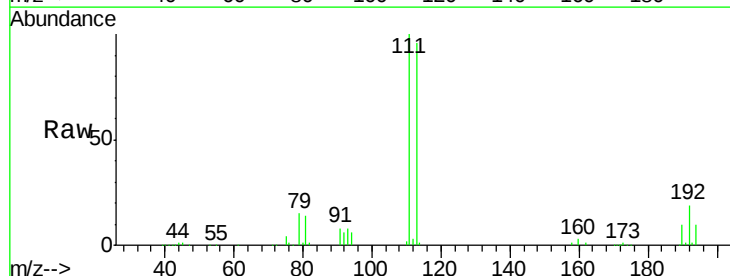
Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 ERD45-CS10-3ME

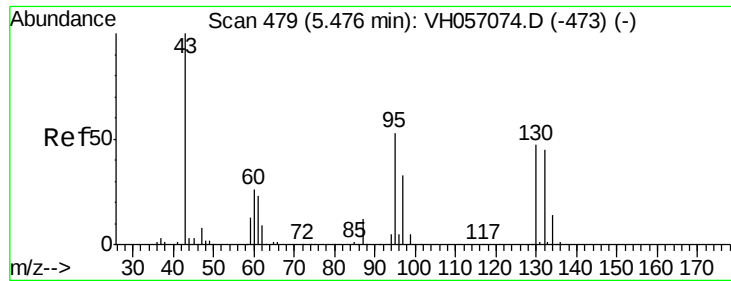
Tgt Ion:114 Resp: 1715947  
 Ion Ratio Lower Upper  
 114 100  
 63 20.9 19.0 28.4  
 88 18.7 15.7 23.5



#35  
 Dibromofluoromethane  
 Concen: 58.95 ug/l  
 RT: 4.07 min Scan# 346  
 Delta R.T. -0.01 min  
 Lab File: VH057109.D  
 Acq: 22 Sep 2015 17:54

Tgt Ion:113 Resp: 805418  
 Ion Ratio Lower Upper  
 113 100  
 111 104.4 84.0 126.0  
 192 19.9 13.6 20.4

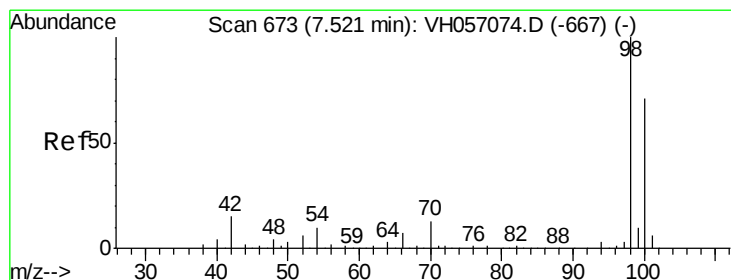
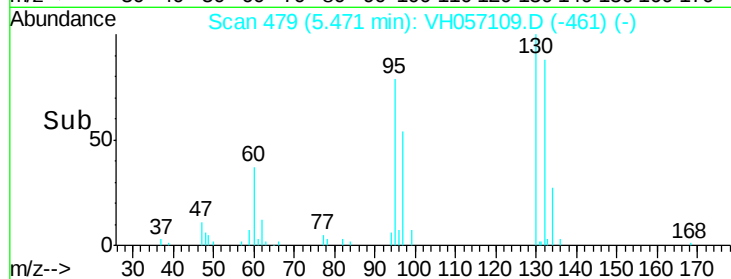
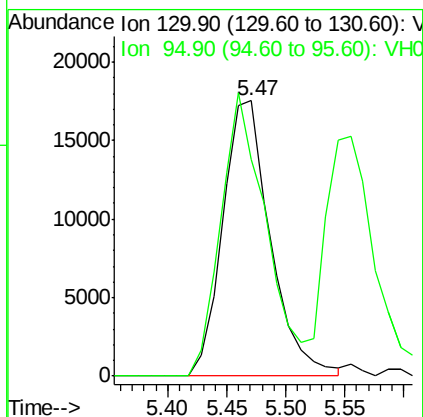
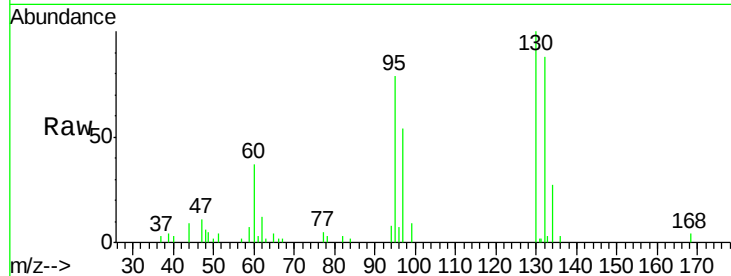




#43  
 Trichloroethene  
 Concen: 4.31 ug/l  
 RT: 5.47 min Scan# 479  
 Delta R.T. -0.01 min  
 Lab File: VH057109.D  
 Acq: 22 Sep 2015 17:54

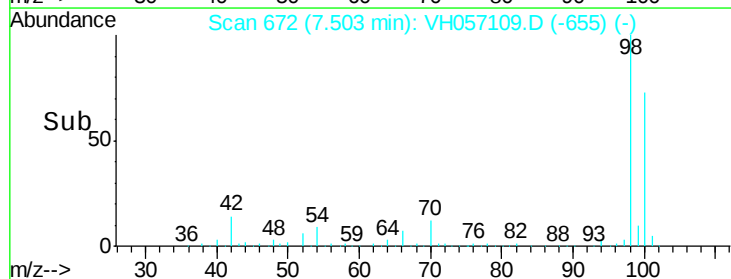
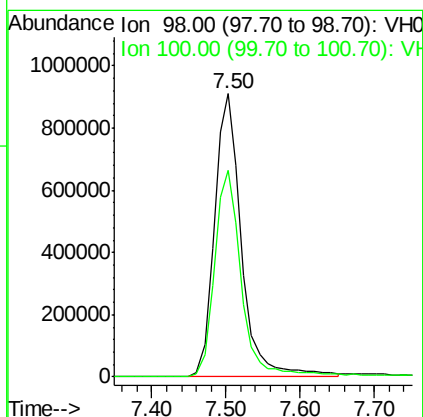
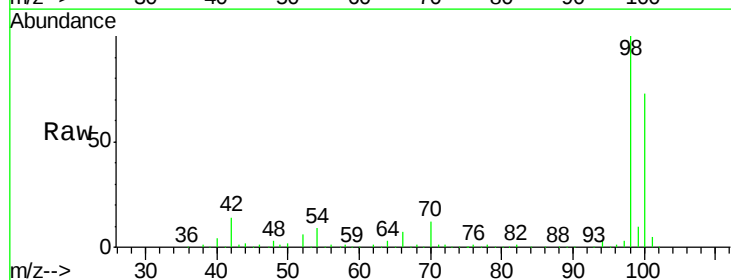
Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 ERD45-CS10-3ME

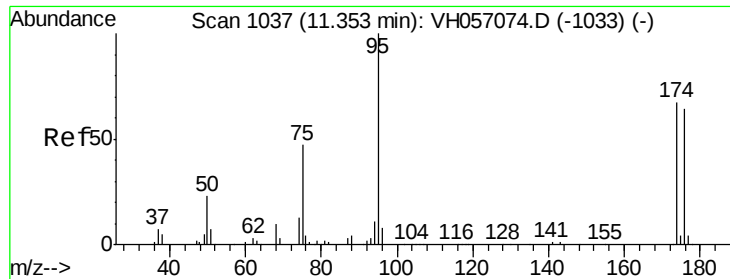
Tgt Ion:130 Resp: 49152  
 Ion Ratio Lower Upper  
 130 100  
 95 78.6 84.0 126.0#



#48  
 Toluene-d8  
 Concen: 58.83 ug/l  
 RT: 7.50 min Scan# 672  
 Delta R.T. -0.02 min  
 Lab File: VH057109.D  
 Acq: 22 Sep 2015 17:54

Tgt Ion: 98 Resp: 2311035  
 Ion Ratio Lower Upper  
 98 100  
 100 73.0 56.7 85.1





#62

4-Bromofluorobenzene

Concen: 60.84 ug/l

RT: 11.35 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VH057109.D

Acq: 22 Sep 2015 17:54

Instrument :

MSVOA\_H

ClientSampleId :

ERD45-CS10-3ME

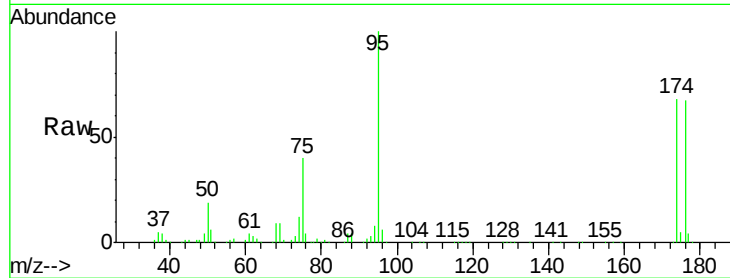
Tgt Ion: 95 Resp: 806072

Ion Ratio Lower Upper

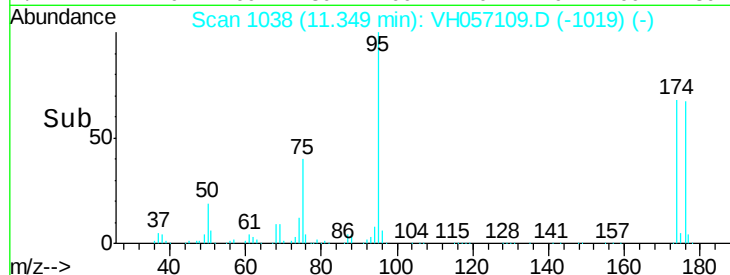
95 100

174 68.4 58.4 87.6

176 67.1 54.3 81.5



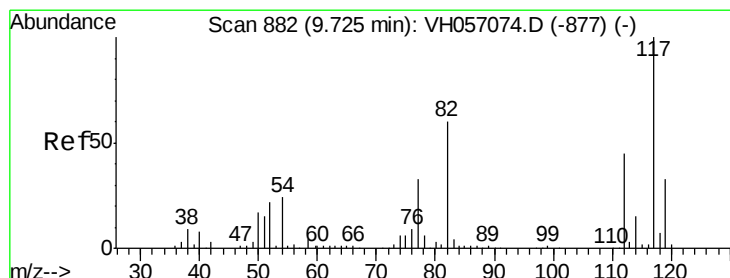
Abundance Ion 95.00 (94.70 to 95.70): VH057109.D (-1019) (-)



Ion 174.00 (173.70 to 174.70): VH057109.D (-1019) (-)

Ion 176.00 (175.70 to 176.70): VH057109.D (-1019) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 882

Delta R.T. -0.02 min

Lab File: VH057109.D

Acq: 22 Sep 2015 17:54

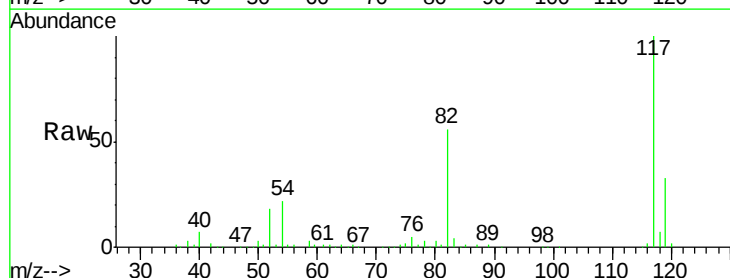
Tgt Ion: 117 Resp: 1379298

Ion Ratio Lower Upper

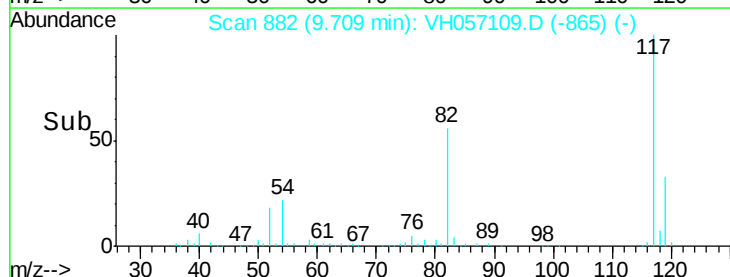
117 100

82 56.3 51.0 76.6

119 33.0 26.7 40.1



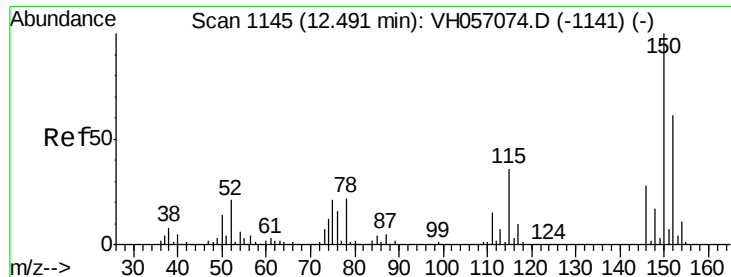
Abundance Ion 117.00 (116.70 to 117.70): VH057109.D (-865) (-)



Ion 82.00 (81.70 to 82.70): VH057109.D (-865) (-)

Ion 119.00 (118.70 to 119.70): VH057109.D (-865) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.49 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VH057109.D

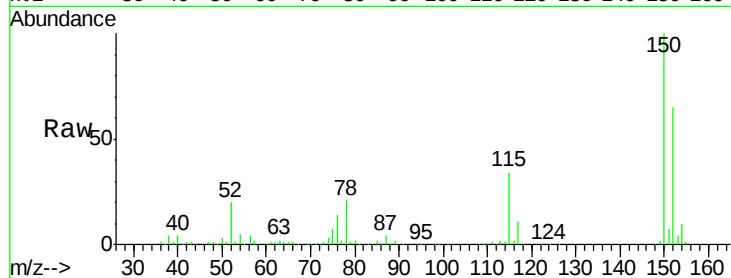
Acq: 22 Sep 2015 17:54

Instrument :

MSVOA\_H

ClientSampleId :

ERD45-CS10-3ME



Tgt Ion:152 Resp: 424023

Ion Ratio Lower Upper

152 100

115 51.6 28.2 84.6

150 153.9 0.0 332.0

