

Data Path : W:\HPCHEM1\MSVOA\_H\DATA\VH092215\  
 Data File : VH057117.D  
 Acq On : 22 Sep 2015 21:33  
 Operator : SY/FY  
 Sample : G3767-08ME  
 Misc : 5.02g/10mL//100uL/5mL/MSVOA\_H/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 ERD45-CS9-7ME

Quant Time: Sep 23 06:48:32 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  | 1349713  | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 5.56  | 114  | 2337927  | 50.00 | ug/l  | -0.01    |
| 63) Chlorobenzene-d5       | 9.71  | 117  | 1875788  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.48 | 152  | 566003   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |                |     |          |       |         |       |
|-----------------------------|----------------|-----|----------|-------|---------|-------|
| 33) 1,2-Dichloroethane-d4   | 4.80           | 65  | 363473   | 15.08 | ug/l    | -0.01 |
| Spiked Amount 50.000        | Range 66 - 150 |     | Recovery | =     | 30.16%# |       |
| 35) Dibromofluoromethane    | 4.08           | 113 | 324782   | 17.45 | ug/l    | 0.00  |
| Spiked Amount 50.000        | Range 76 - 130 |     | Recovery | =     | 34.90%# |       |
| 48) Toluene-d8              | 7.50           | 98  | 897745   | 16.77 | ug/l    | -0.02 |
| Spiked Amount 50.000        | Range 78 - 121 |     | Recovery | =     | 33.54%# |       |
| 62) 4-Bromofluorobenzene    | 11.35          | 95  | 304989   | 16.90 | ug/l    | 0.00  |
| Spiked Amount 50.000        | Range 70 - 131 |     | Recovery | =     | 33.80%# |       |

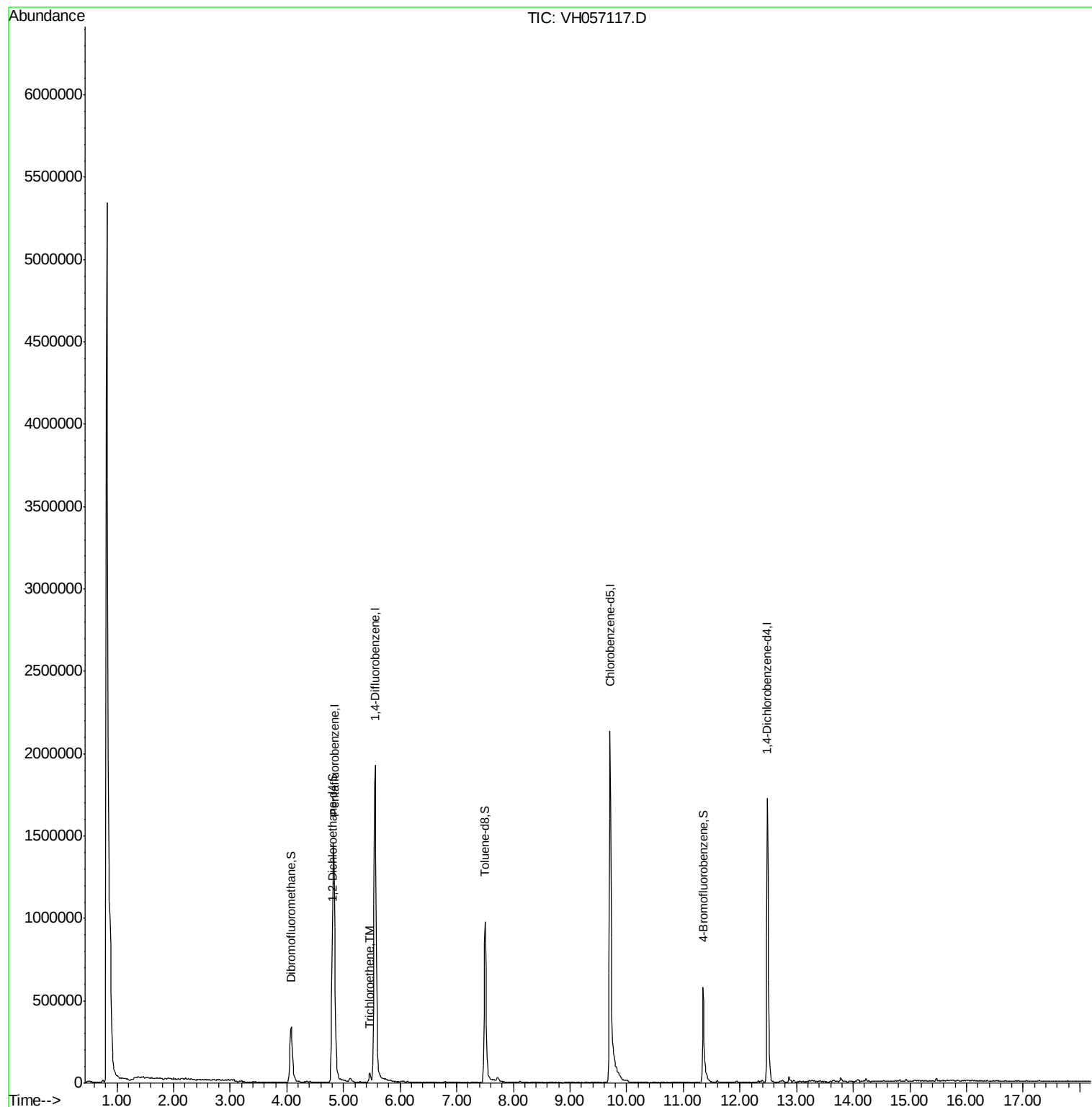
| Target Compounds    |      |     |       |      |      | Qvalue |
|---------------------|------|-----|-------|------|------|--------|
| 43) Trichloroethene | 5.47 | 130 | 29782 | 1.92 | ug/l | # 74   |

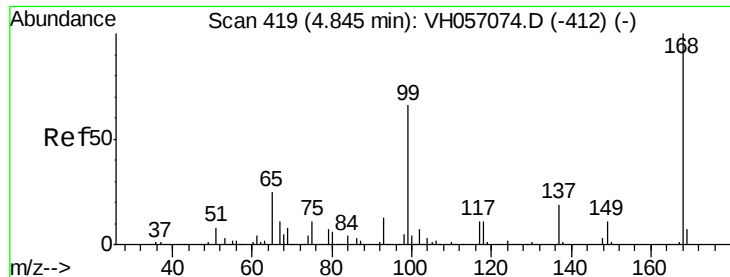
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 419

Delta R.T. -0.01 min

Lab File: VH057117.D

Acq: 22 Sep 2015 21:33

Instrument :

MSVOA\_H

ClientSampleId :

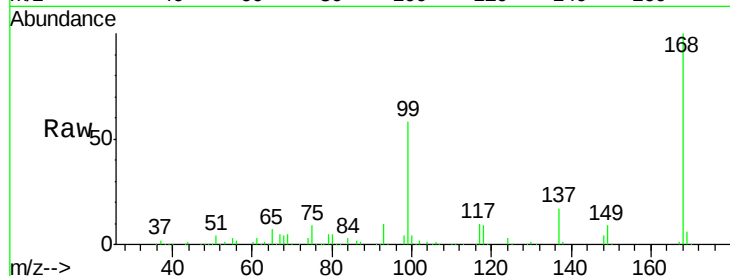
ERD45-CS9-7ME

Tgt Ion:168 Resp: 1349713

Ion Ratio Lower Upper

168 100

99 58.2 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0

4.83

400000

300000

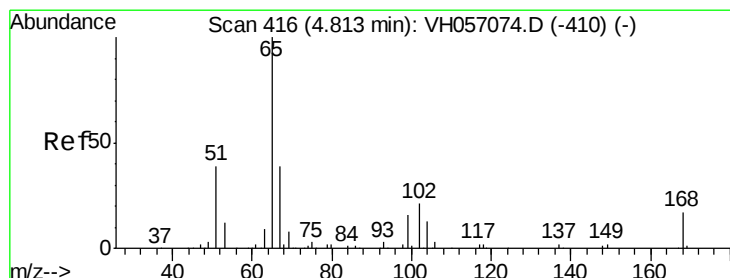
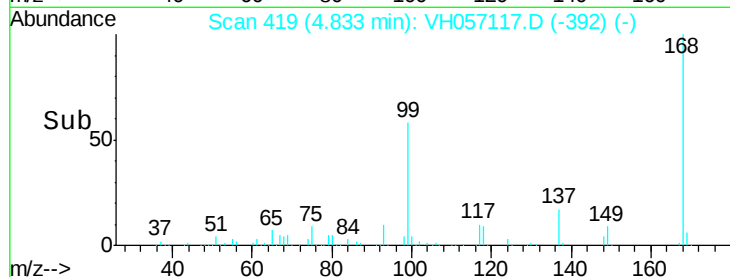
200000

100000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 15.08 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.01 min

Lab File: VH057117.D

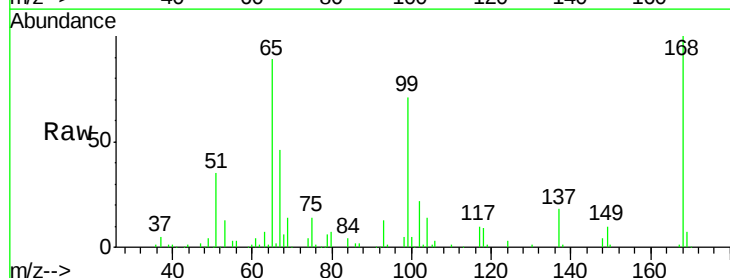
Acq: 22 Sep 2015 21:33

Tgt Ion: 65 Resp: 363473

Ion Ratio Lower Upper

65 100

67 51.9 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

150000

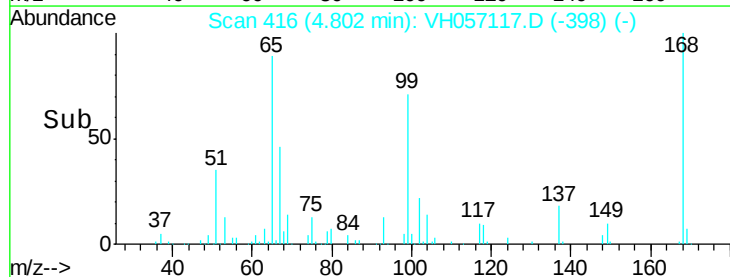
100000

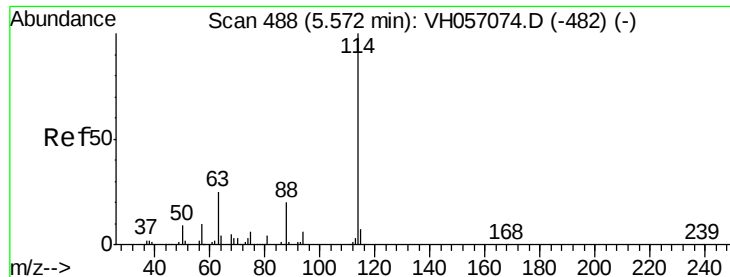
50000

0

Time-->

4.70 4.80 4.90





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: VH057117.D

Acq: 22 Sep 2015 21:33

Instrument :

MSVOA\_H

ClientSampleId :

ERD45-CS9-7ME

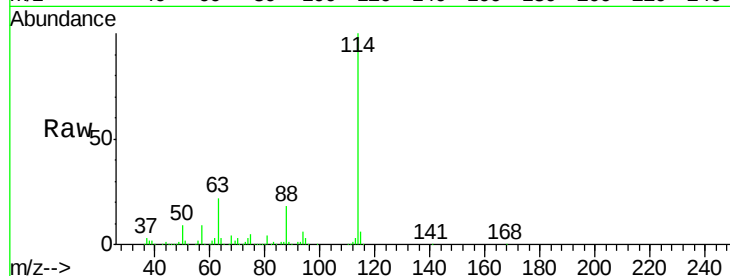
Tgt Ion:114 Resp: 2337927

Ion Ratio Lower Upper

114 100

63 22.2 19.0 28.4

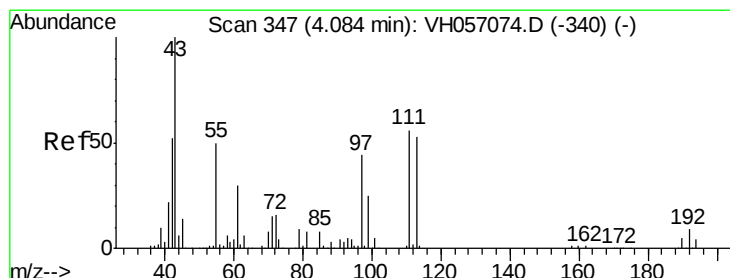
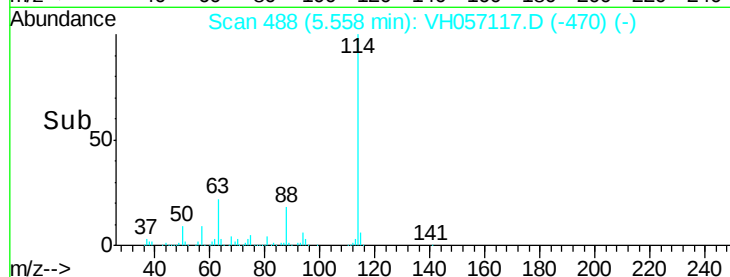
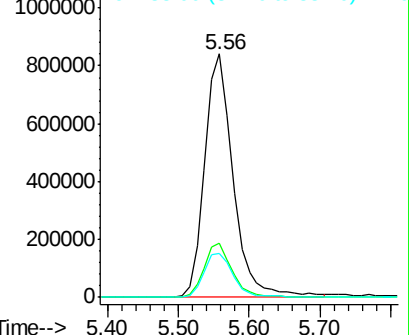
88 17.9 15.7 23.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): V

Ion 88.00 (87.70 to 88.70): V



#35

Dibromofluoromethane

Concen: 17.45 ug/l

RT: 4.08 min Scan# 347

Delta R.T. -0.01 min

Lab File: VH057117.D

Acq: 22 Sep 2015 21:33

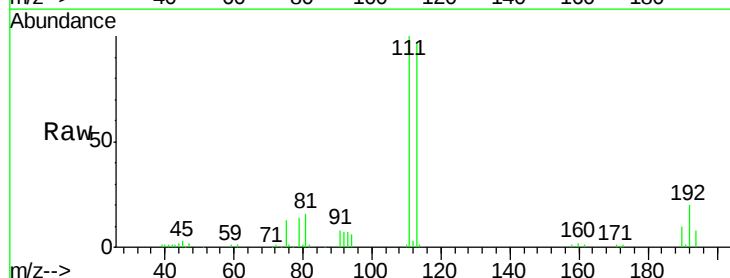
Tgt Ion:113 Resp: 324782

Ion Ratio Lower Upper

113 100

111 102.8 84.0 126.0

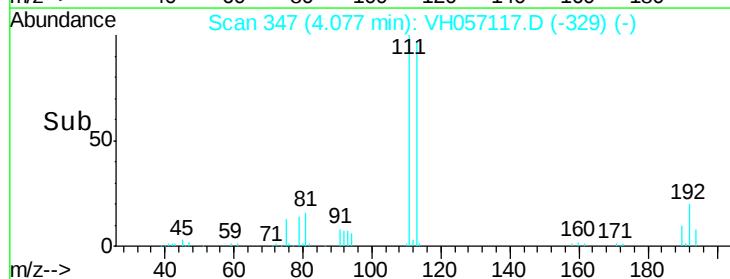
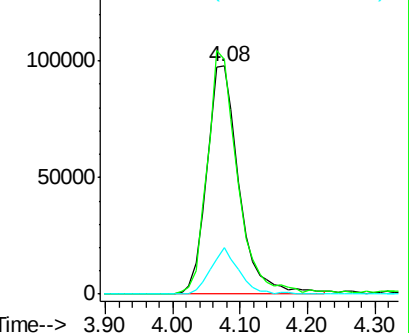
192 20.3 13.6 20.4

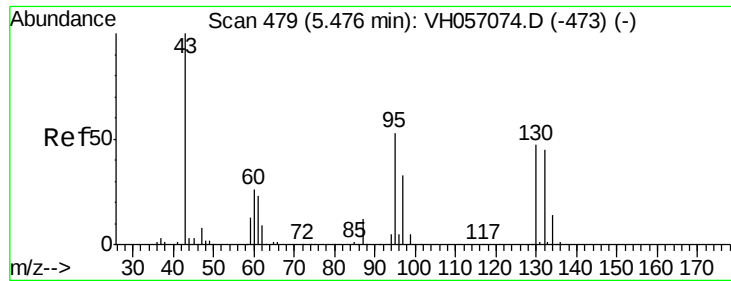


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#43

Trichloroethene

Concen: 1.92 ug/l

RT: 5.47 min Scan# 479

Delta R.T. -0.01 min

Lab File: VH057117.D

Acq: 22 Sep 2015 21:33

Instrument :

MSVOA\_H

ClientSampleId :

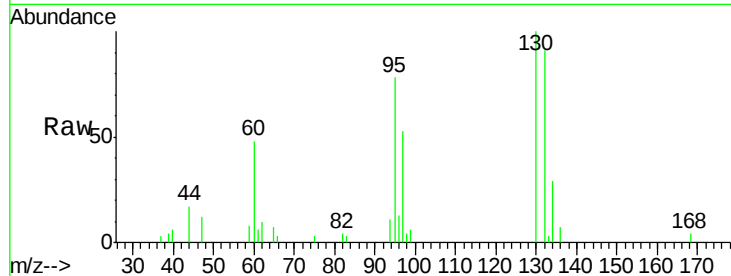
ERD45-CS9-7ME

Tgt Ion:130 Resp: 29782

Ion Ratio Lower Upper

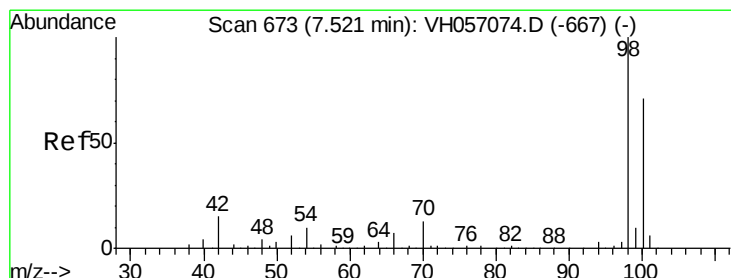
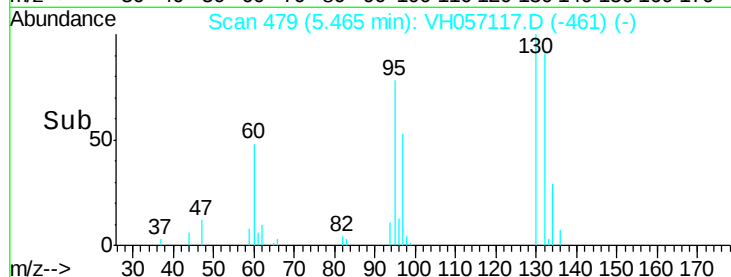
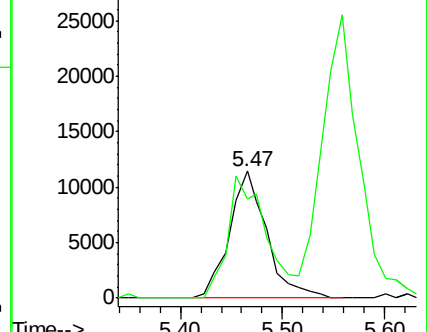
130 100

95 78.3 84.0 126.0#



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VH



#48

Toluene-d8

Concen: 16.77 ug/l

RT: 7.50 min Scan# 673

Delta R.T. -0.02 min

Lab File: VH057117.D

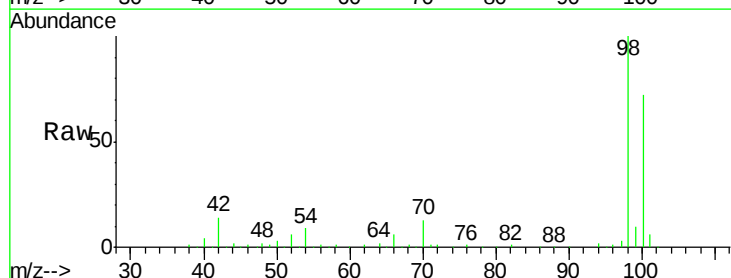
Acq: 22 Sep 2015 21:33

Tgt Ion: 98 Resp: 897745

Ion Ratio Lower Upper

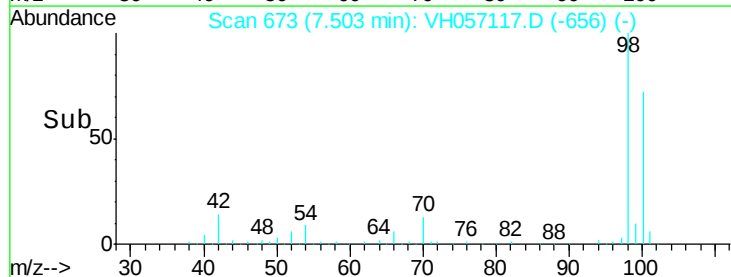
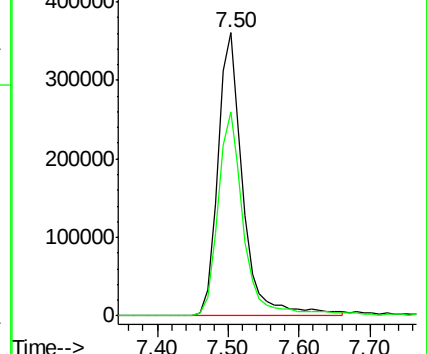
98 100

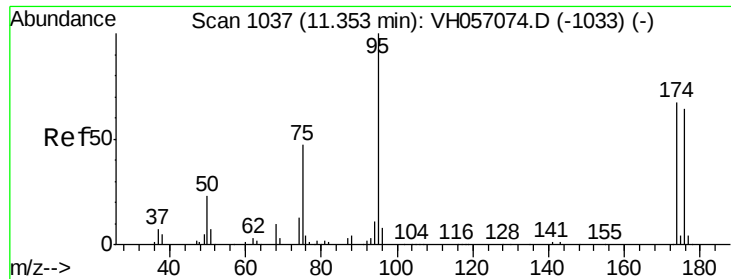
100 71.9 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH

Ion 100.00 (99.70 to 100.70): VH

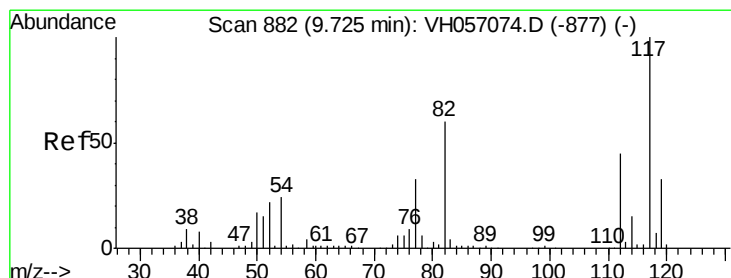
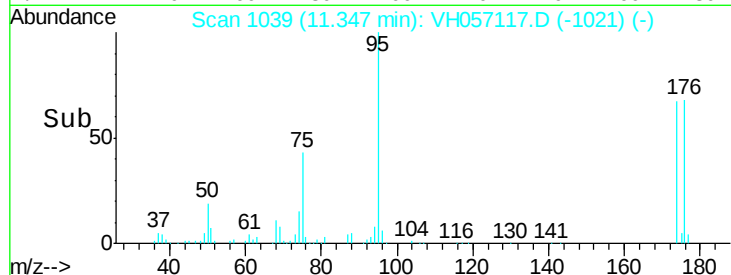
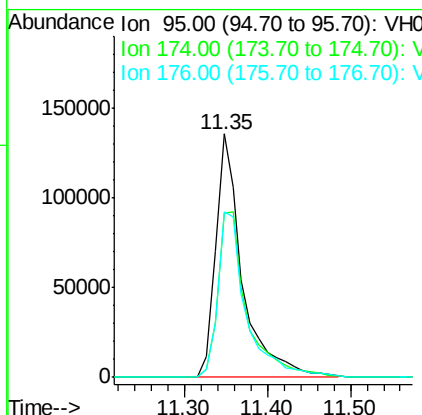
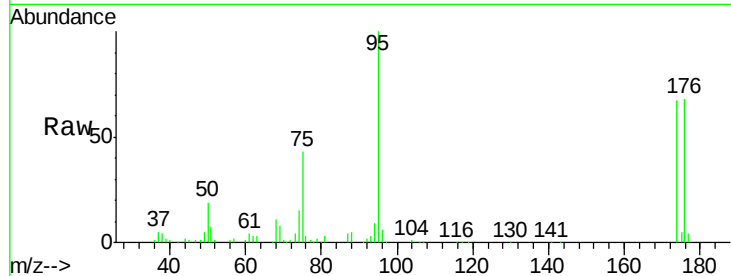




#62  
 4-Bromofluorobenzene  
 Concen: 16.90 ug/l  
 RT: 11.35 min Scan# 1039  
 Delta R.T. -0.01 min  
 Lab File: VH057117.D  
 Acq: 22 Sep 2015 21:33

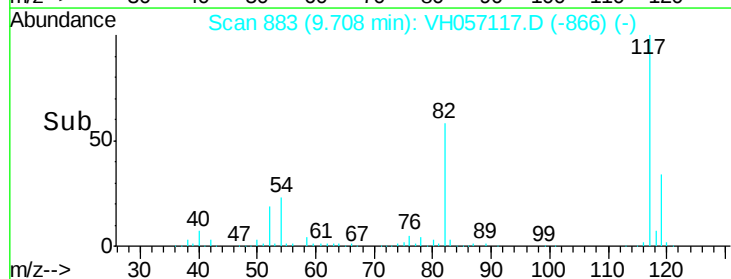
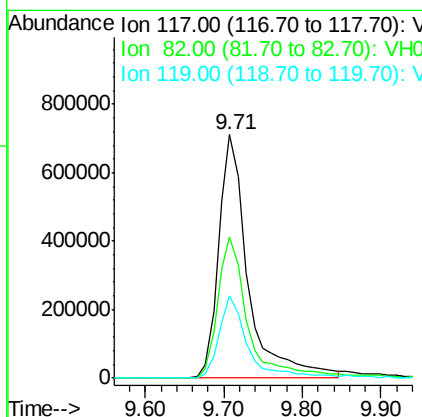
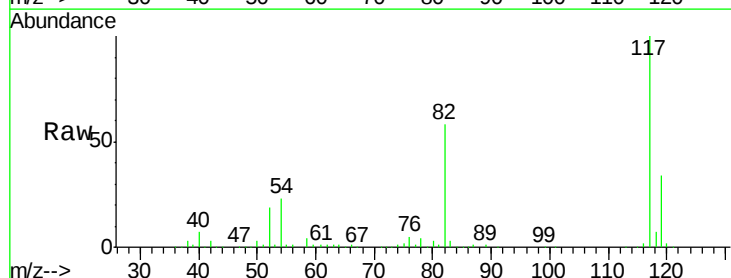
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 ERD45-CS9-7ME

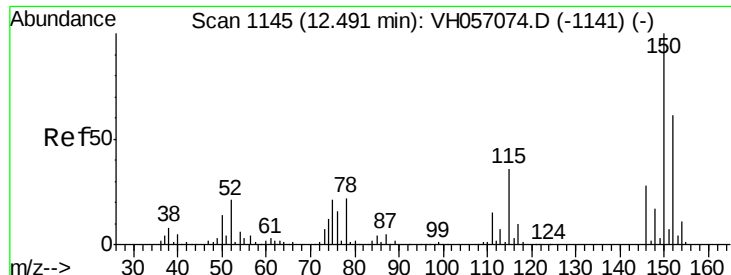
Tgt Ion: 95 Resp: 304989  
 Ion Ratio Lower Upper  
 95 100  
 174 67.3 58.4 87.6  
 176 68.1 54.3 81.5



#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 9.71 min Scan# 883  
 Delta R.T. -0.02 min  
 Lab File: VH057117.D  
 Acq: 22 Sep 2015 21:33

Tgt Ion: 117 Resp: 1875788  
 Ion Ratio Lower Upper  
 117 100  
 82 58.2 51.0 76.6  
 119 33.9 26.7 40.1

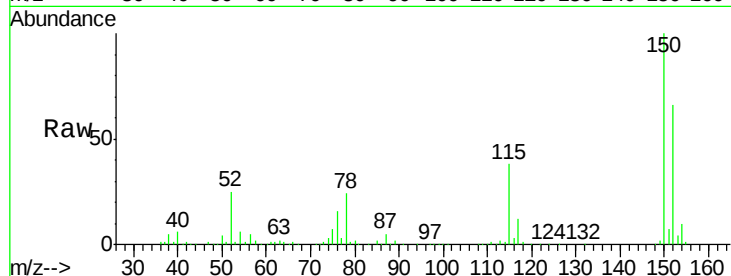




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.48 min Scan# 1147  
 Delta R.T. -0.01 min  
 Lab File: VH057117.D  
 Acq: 22 Sep 2015 21:33

Instrument :  
 MSVOA\_H  
 ClientSampleId :  
 ERD45-CS9-7ME

Tgt Ion:152 Resp: 566003  
 Ion Ratio Lower Upper  
 152 100  
 115 58.3 28.2 84.6  
 150 152.6 0.0 332.0



Abundance Ion 152.00 (151.70 to 152.70): V  
 Ion 115.00 (114.70 to 115.70): V  
 Ion 150.00 (149.70 to 150.70): V

