

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057113.D
 Acq On : 22 Sep 2015 19:44
 Operator : SY/FY
 Sample : G3712-09
 Misc : 5.01g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS1-3

Quant Time: Sep 23 12:06:35 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	624507	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.56	114	1136576	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	873658	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.49	152	264432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.80	65	615124	55.16	ug/l	-0.02
Spiked Amount 50.000	Range 66 - 150		Recovery	=	110.32%	
35) Dibromofluoromethane	4.08	113	569441	62.93	ug/l	0.00
Spiked Amount 50.000	Range 76 - 130		Recovery	=	125.86%	
48) Toluene-d8	7.50	98	1557189	59.84	ug/l	-0.02
Spiked Amount 50.000	Range 78 - 121		Recovery	=	119.68%	
62) 4-Bromofluorobenzene	11.35	95	537090	61.21	ug/l	0.00
Spiked Amount 50.000	Range 70 - 131		Recovery	=	122.42%	

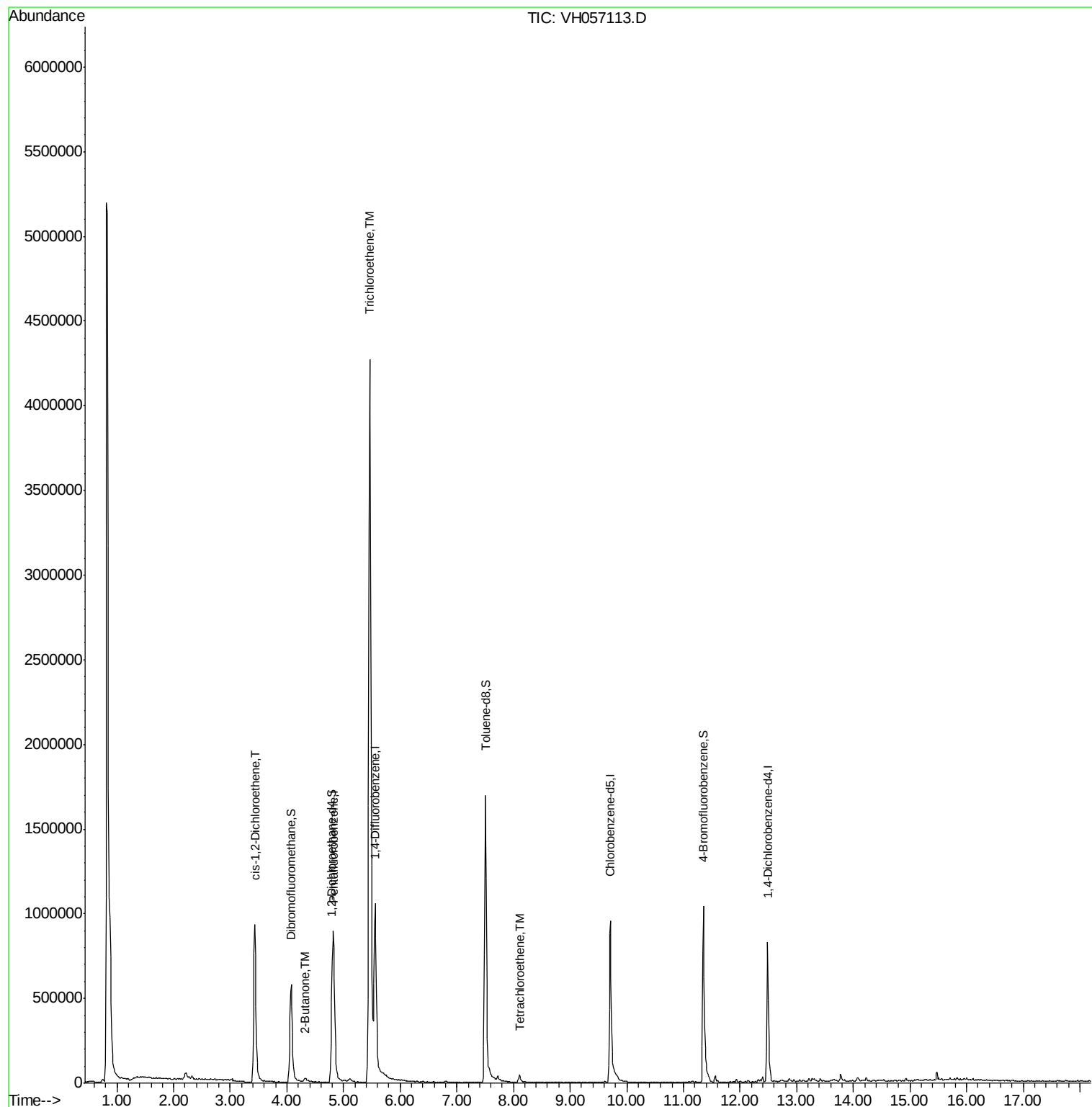
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) 2-Butanone	4.32	43	35211	3.40	ug/l	98
27) cis-1,2-Dichloroethene	3.43	96	577924	65.33	ug/l	93
43) Trichloroethene	5.46	130	2267506	300.06	ug/l	97
64) Tetrachloroethene	8.11	164	13111	2.65	ug/l	86

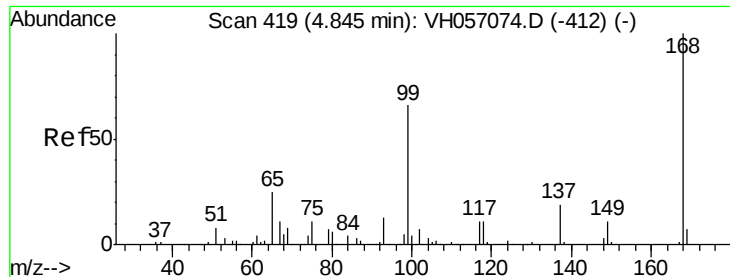
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.02 min

Lab File: VH057113.D

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MSVOA_H

ClientSampleId :

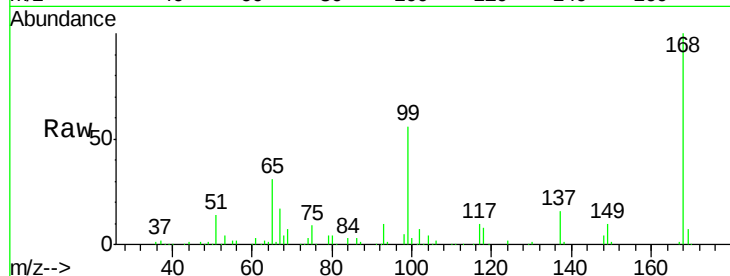
ERD45-CS1-3

Tgt Ion:168 Resp: 624507

Ion Ratio Lower Upper

168 100

99 55.5 55.8 83.6#



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHO

4.83

200000

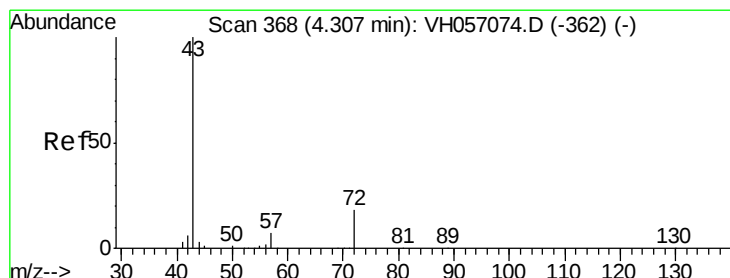
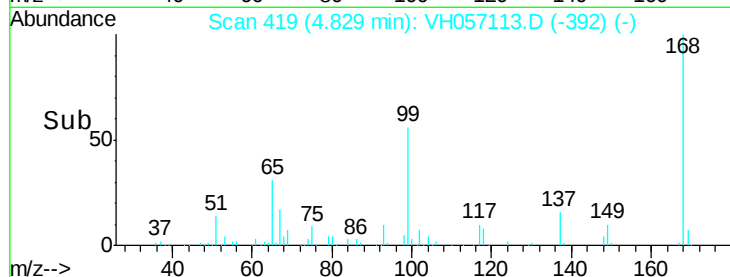
150000

100000

50000

0

Time--> 4.70 4.80 4.90 5.00



#25

2-Butanone

Concen: 3.40 ug/l

RT: 4.32 min Scan# 370

Delta R.T. 0.01 min

Lab File: VH057113.D

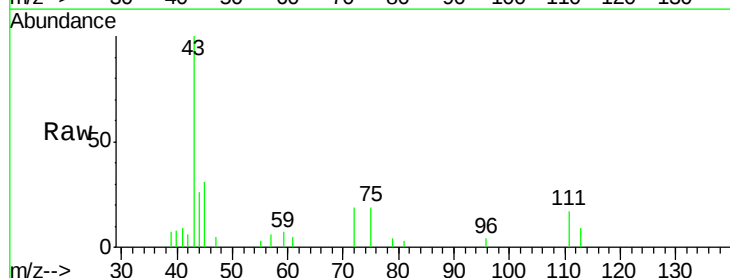
Acq: 22 Sep 2015 19:44

Tgt Ion: 43 Resp: 35211

Ion Ratio Lower Upper

43 100

72 18.6 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VHO

Ion 72.00 (71.70 to 72.70): VHO

4.32

12000

10000

8000

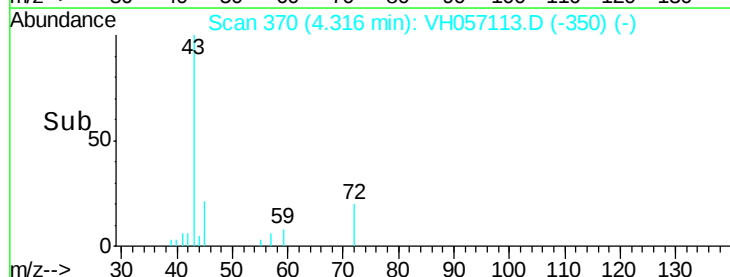
6000

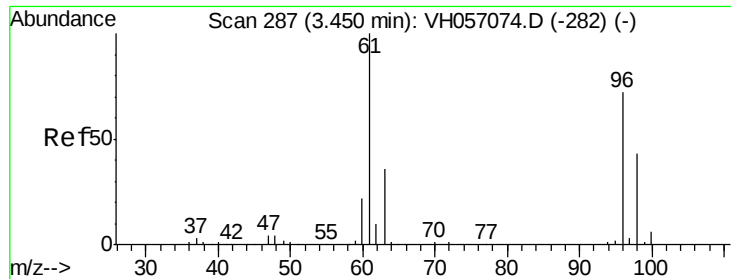
4000

2000

0

Time--> 4.20 4.30 4.40





#27

cis-1,2-Dichloroethene

Concen: 65.33 ug/l

RT: 3.43 min Scan# 286

Delta R.T. -0.02 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS1-3

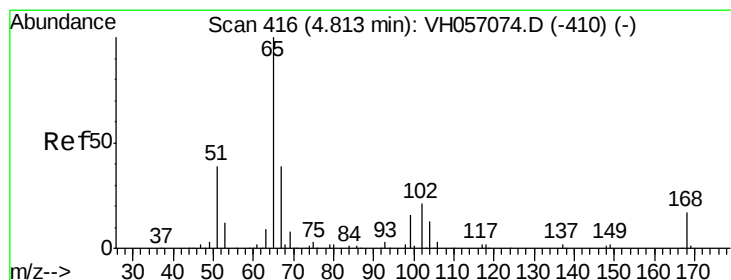
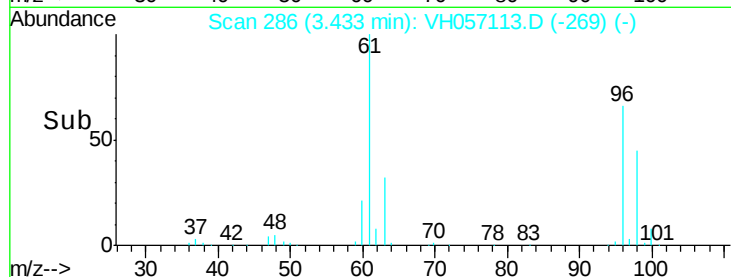
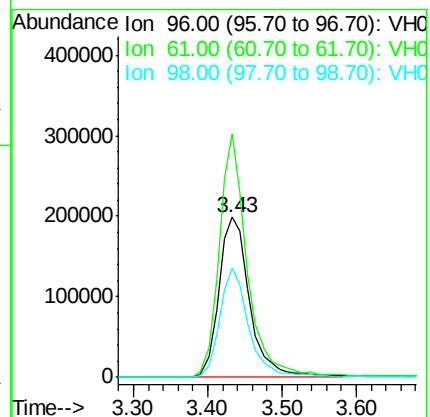
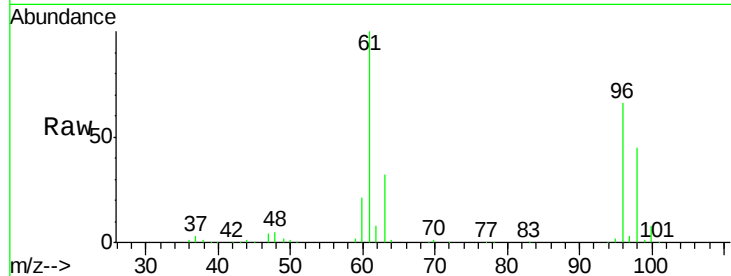
Tgt Ion: 96 Resp: 577924

Ion Ratio Lower Upper

96 100

61 151.8 115.4 173.0

98 68.4 49.7 74.5



#33

1,2-Dichloroethane-d4

Concen: 55.16 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.02 min

Lab File: VH057113.D

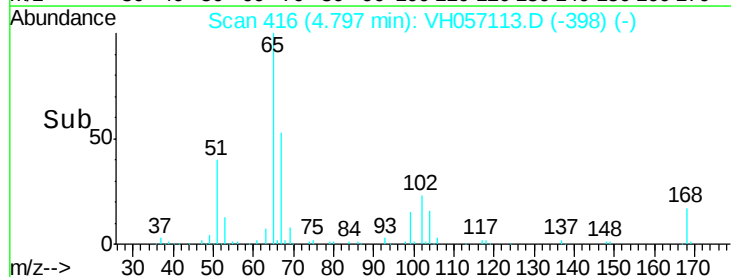
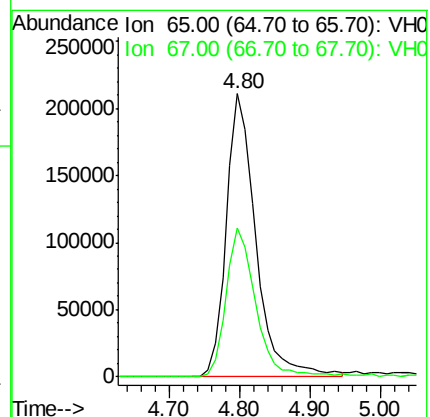
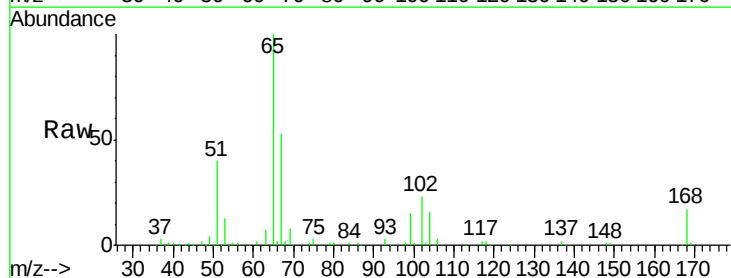
Acq: 22 Sep 2015 19:44

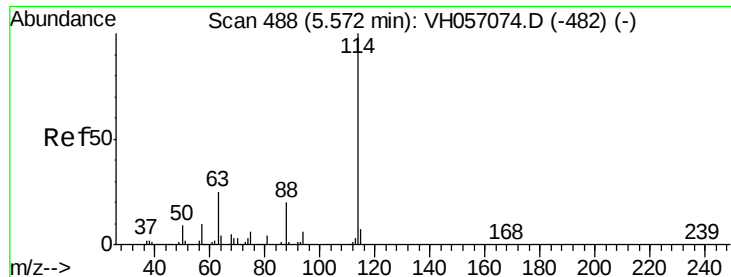
Tgt Ion: 65 Resp: 615124

Ion Ratio Lower Upper

65 100

67 52.6 43.2 64.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.56 min Scan# 488

Delta R.T. -0.02 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS1-3

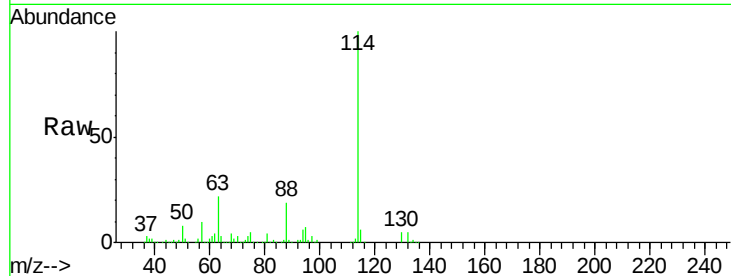
Tgt Ion:114 Resp: 1136576

Ion Ratio Lower Upper

114 100

63 21.9 19.0 28.4

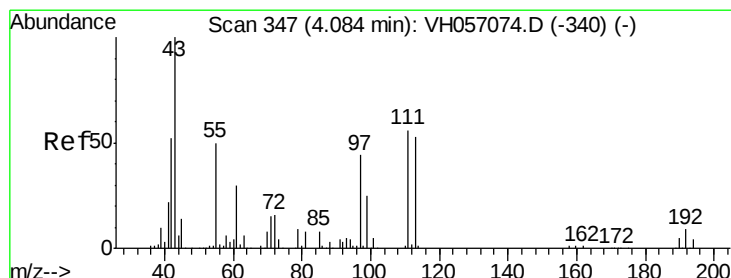
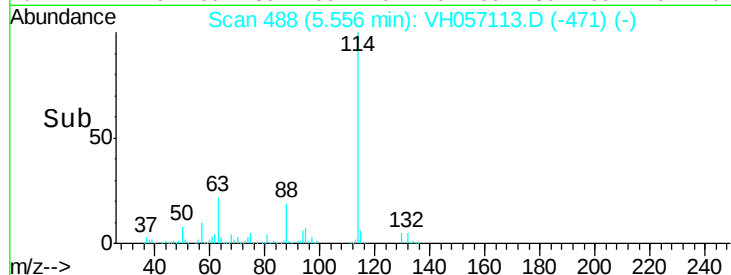
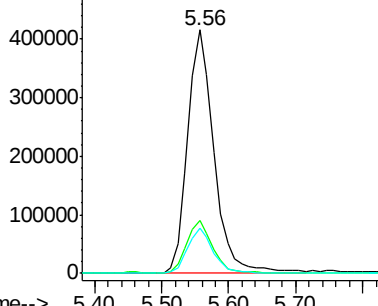
88 18.8 15.7 23.5



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: 62.93 ug/l

RT: 4.08 min Scan# 347

Delta R.T. -0.01 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

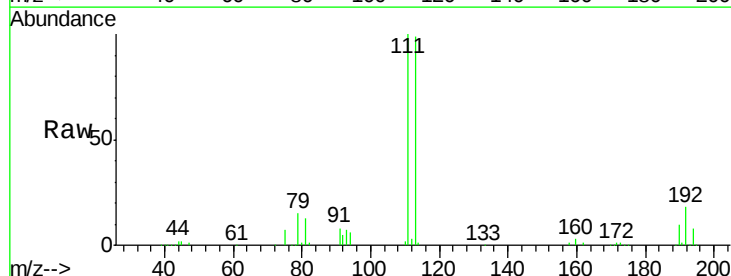
Tgt Ion:113 Resp: 569441

Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

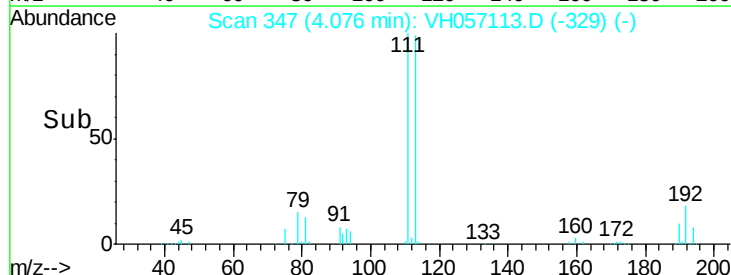
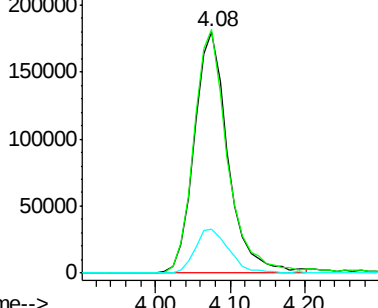
192 18.1 13.6 20.4

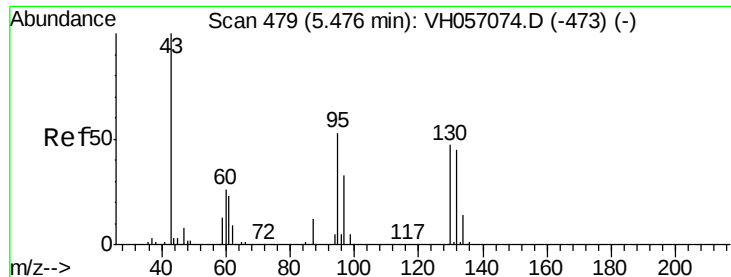


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

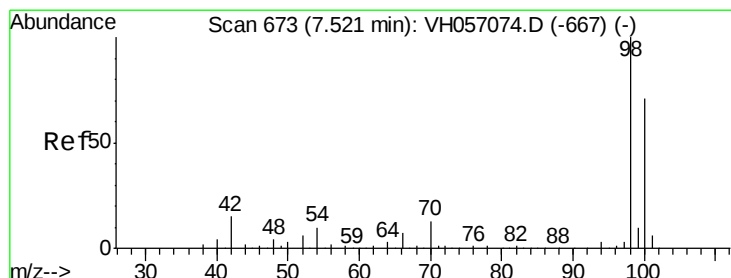
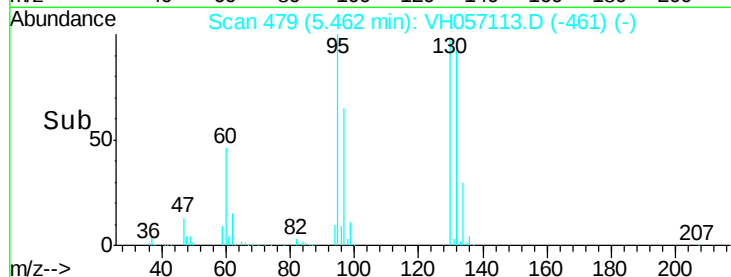
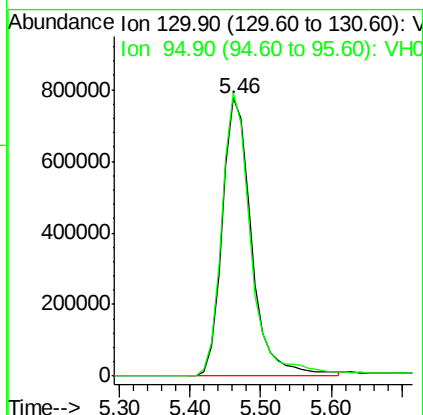
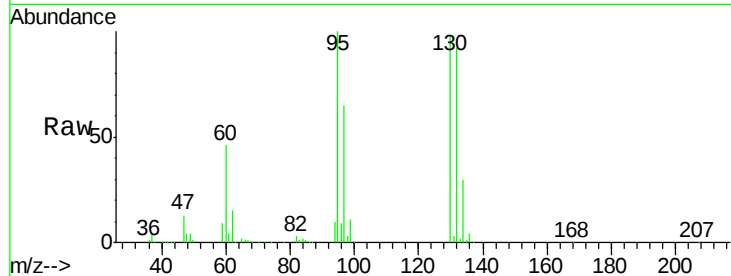




#43
 Trichloroethene
 Concen: 300.06 ug/l
 RT: 5.46 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: VH057113.D
 Acq: 22 Sep 2015 19:44

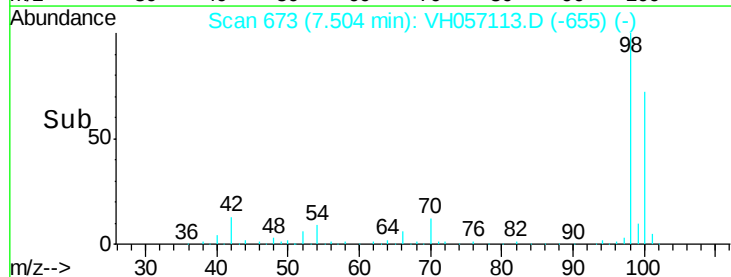
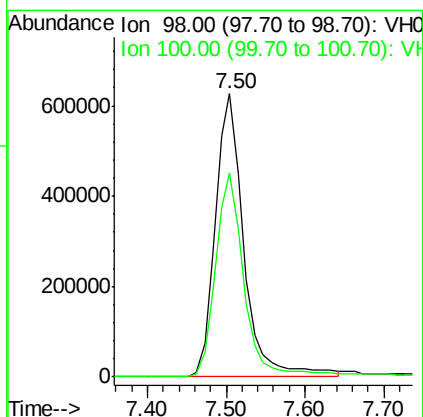
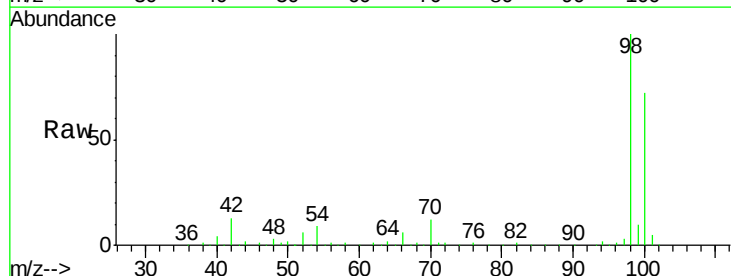
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS1-3

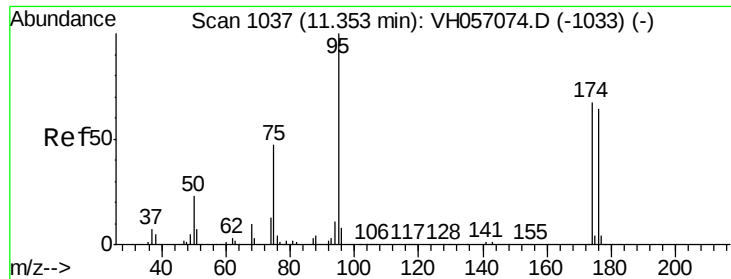
Tgt Ion:130 Resp: 2267506
 Ion Ratio Lower Upper
 130 100
 95 101.9 84.0 126.0



#48
 Toluene-d8
 Concen: 59.84 ug/l
 RT: 7.50 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: VH057113.D
 Acq: 22 Sep 2015 19:44

Tgt Ion: 98 Resp: 1557189
 Ion Ratio Lower Upper
 98 100
 100 72.2 56.7 85.1

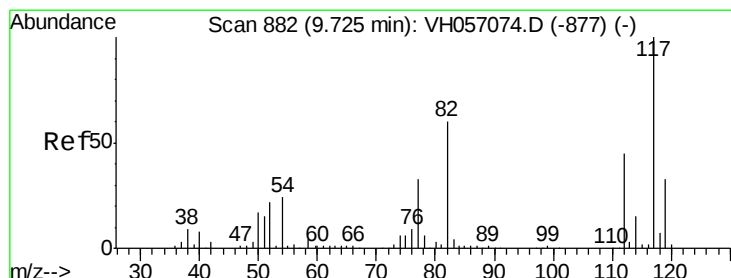
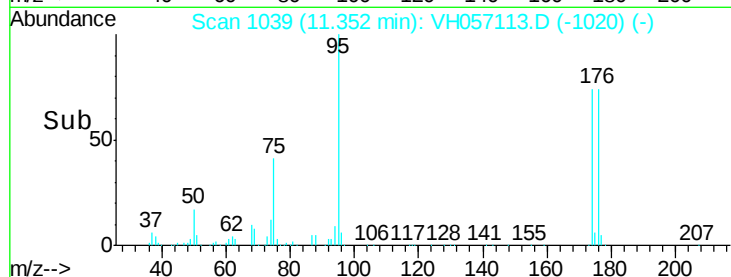
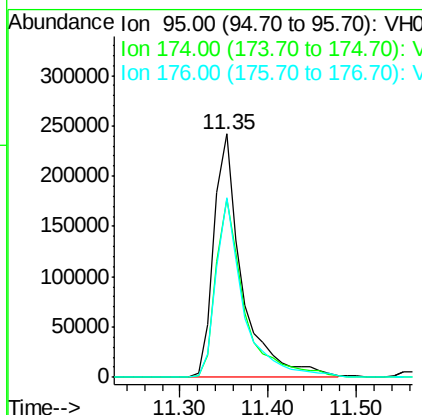
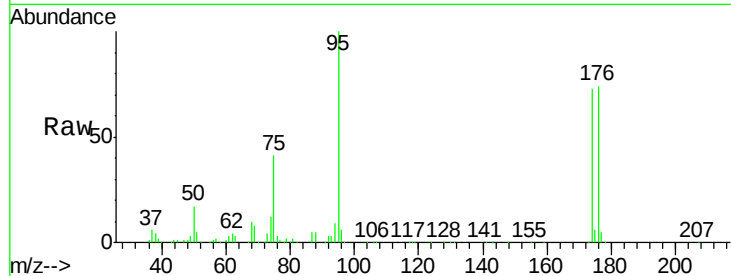




#62
4-Bromofluorobenzene
Concen: 61.21 ug/l
RT: 11.35 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

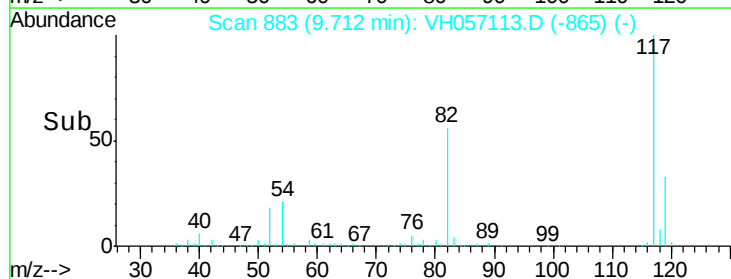
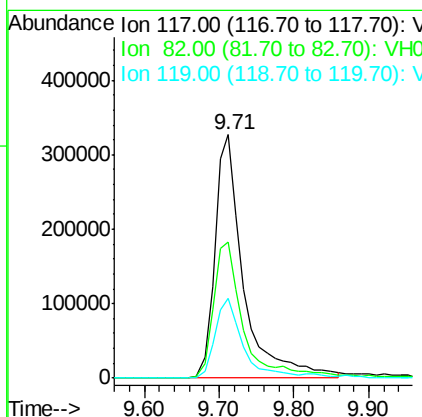
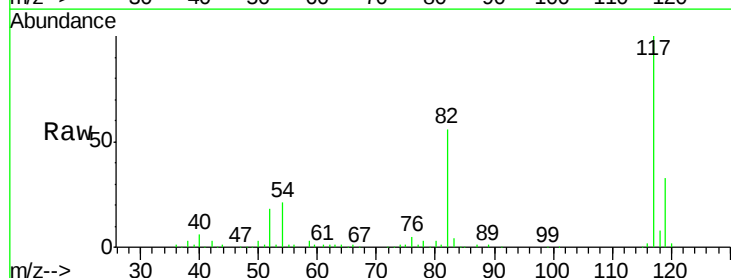
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS1-3

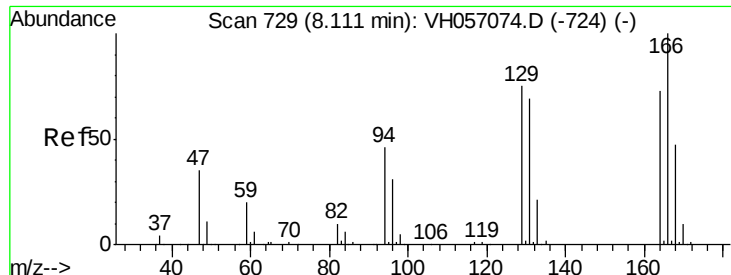
Tgt Ion: 95 Resp: 537090
Ion Ratio Lower Upper
95 100
174 73.4 58.4 87.6
176 74.0 54.3 81.5



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 883
Delta R.T. -0.01 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Tgt Ion: 117 Resp: 873658
Ion Ratio Lower Upper
117 100
82 56.1 51.0 76.6
119 32.7 26.7 40.1

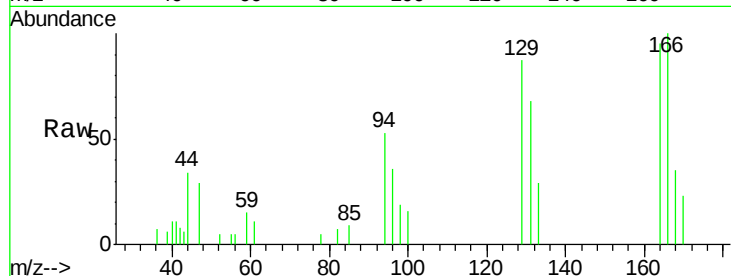




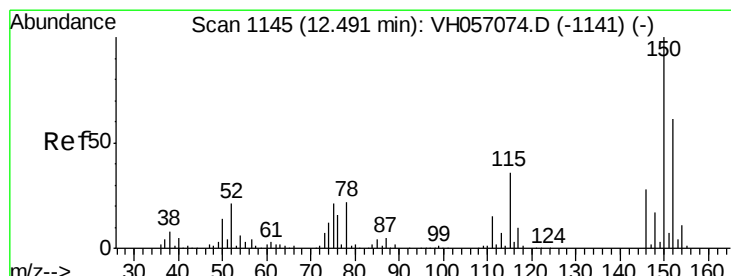
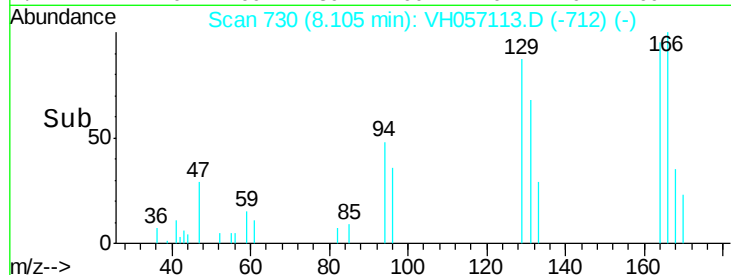
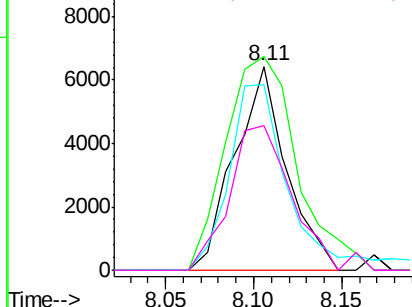
#64
Tetrachloroethene
Concen: 2.65 ug/l
RT: 8.11 min Scan# 730
Delta R.T. -0.01 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS1-3

Tgt Ion:164 Resp: 13111
Ion Ratio Lower Upper
164 100
166 104.8 103.2 154.8
129 91.0 73.4 110.0
131 71.0 70.8 106.2

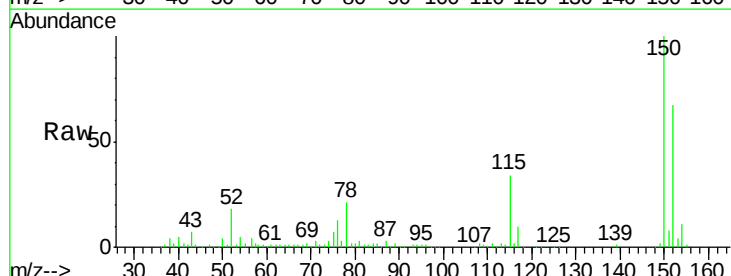


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Tgt Ion:152 Resp: 264432
Ion Ratio Lower Upper
152 100
115 51.3 28.2 84.6
150 149.8 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

