

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057118.D
 Acq On : 22 Sep 2015 22:00
 Operator : SY/FY
 Sample : G3767-06ME
 Misc : 5.01g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS8-11ME

Quant Time: Sep 23 04:40:44 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	1029204	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.56	114	1882248	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.70	117	1437829	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	451009	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.80	65	621195	33.80	ug/l	-0.01
Spiked Amount	50.000	Range	66 - 150	Recovery	=	67.60%	
35) Dibromofluoromethane		4.07	113	543268	36.25	ug/l	-0.01
Spiked Amount	50.000	Range	76 - 130	Recovery	=	72.50%#	
48) Toluene-d8		7.50	98	1464745	33.99	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	67.98%#	
62) 4-Bromofluorobenzene		11.35	95	510682	35.14	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	70.28%	

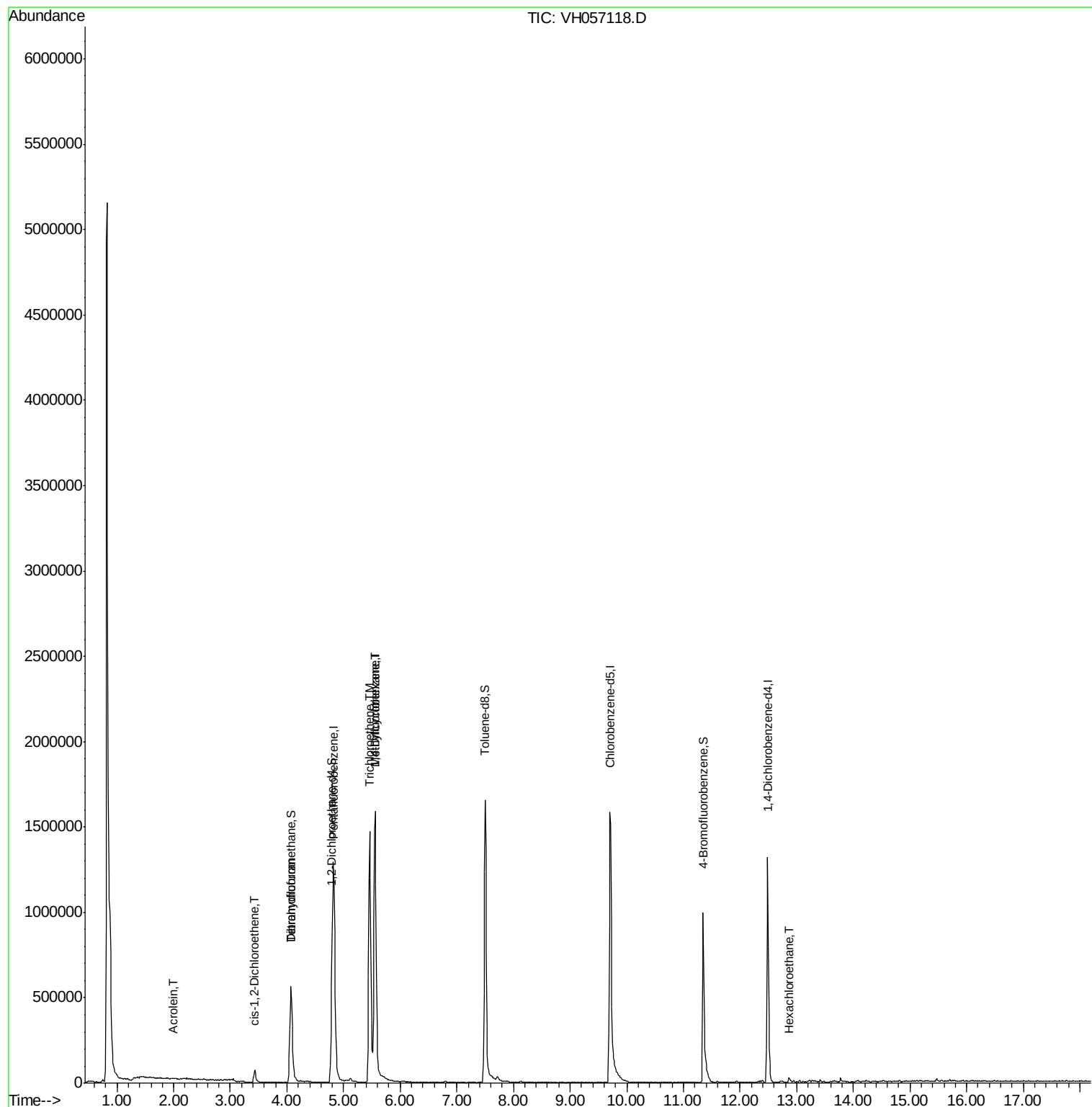
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.28	94	2541	Below Cal	#	1
6) Chloroethane	1.33	64	520	Below Cal	#	1
13) Acrolein	1.99	56	569	0.29	ug/l	# 1
17) Acetone	2.15	43	918	Below Cal		91
27) cis-1,2-Dichloroethene	3.42	96	43438	2.98	ug/l	100
31) Tetrahydrofuran	4.07	42	4152	0.43	ug/l	# 84
43) Trichloroethene	5.46	130	747712	59.75	ug/l	89
44) Methylcyclohexane	5.56	83	14764	1.24	ug/l	27
90) Hexachloroethane	12.86	117	1700	0.39	ug/l	# 29

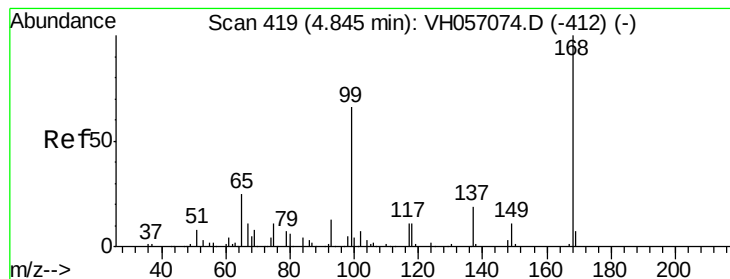
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

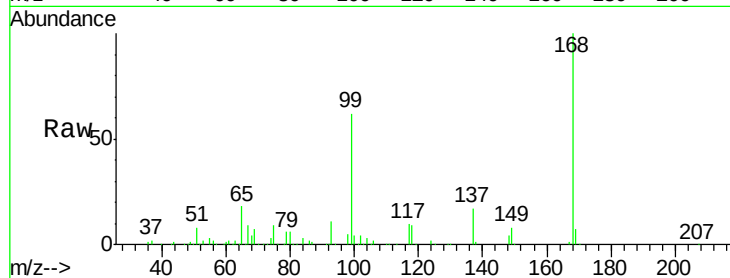
ERD45-CS8-11ME

Tgt Ion:168 Resp: 1029204

Ion Ratio Lower Upper

168 100

99 61.7 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

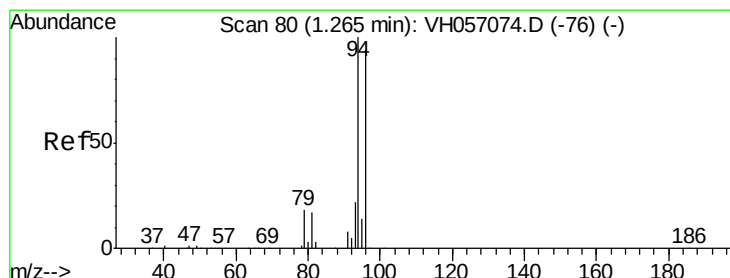
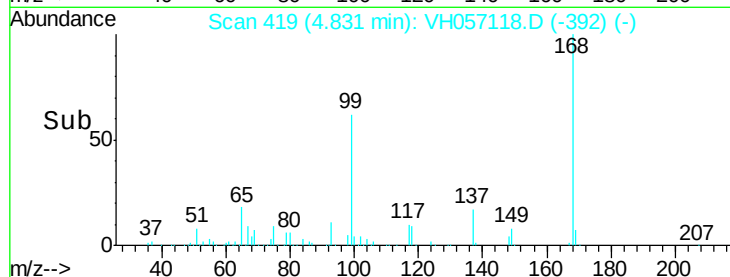
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.28 min Scan# 81

Delta R.T. 0.01 min

Lab File: VH057118.D

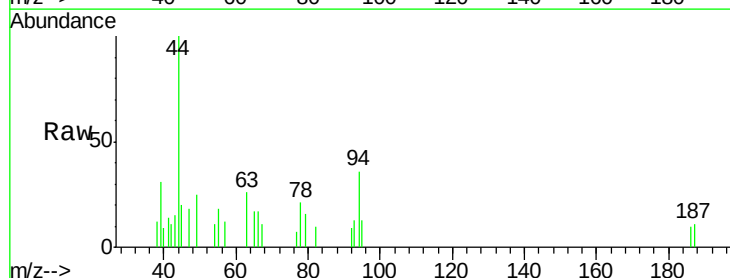
Acq: 22 Sep 2015 22:00

Tgt Ion: 94 Resp: 2541

Ion Ratio Lower Upper

94 100

96 0.0 78.5 117.7#



Abundance Ion 94.00 (93.70 to 94.70): VH0

Ion 96.00 (95.70 to 96.70): VH0

1.28

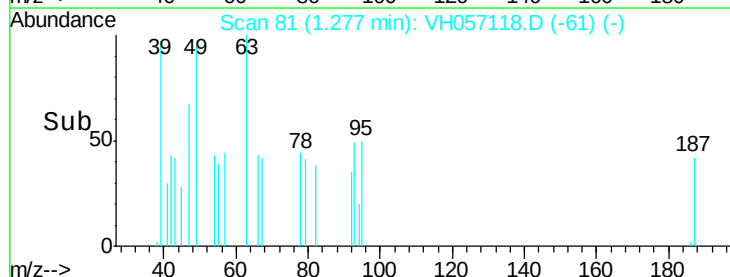
1500

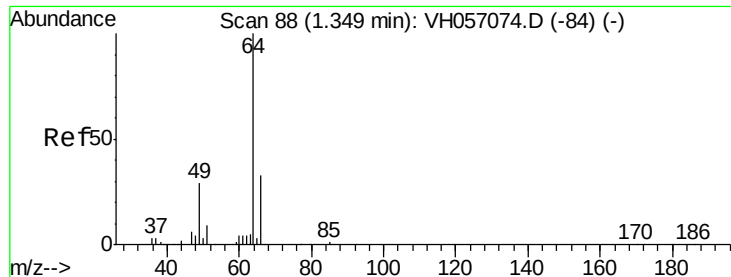
1000

500

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.33 min Scan# 86

Delta R.T. -0.02 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

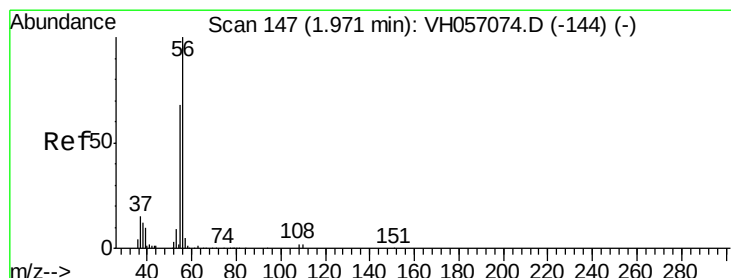
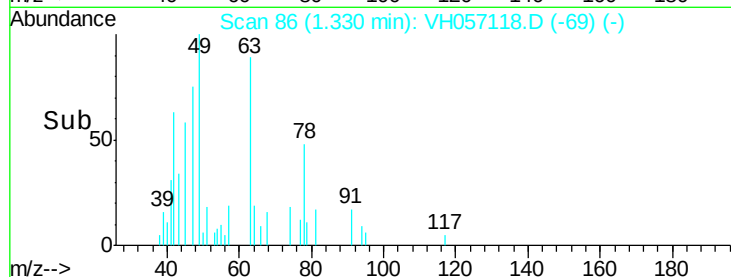
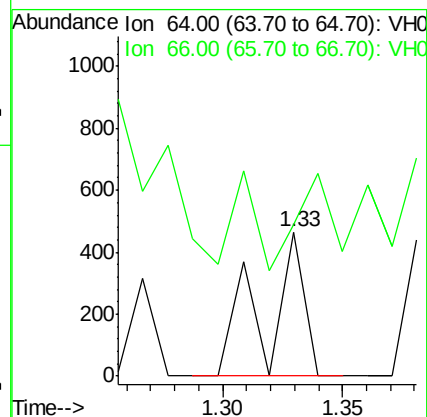
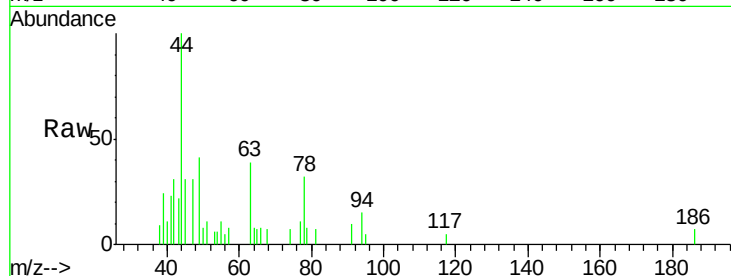
ERD45-CS8-11ME

Tgt Ion: 64 Resp: 520

Ion Ratio Lower Upper

64 100

66 105.4 25.2 37.8#



#13

Acrolein

Concen: 0.29 ug/l

RT: 1.99 min Scan# 149

Delta R.T. 0.02 min

Lab File: VH057118.D

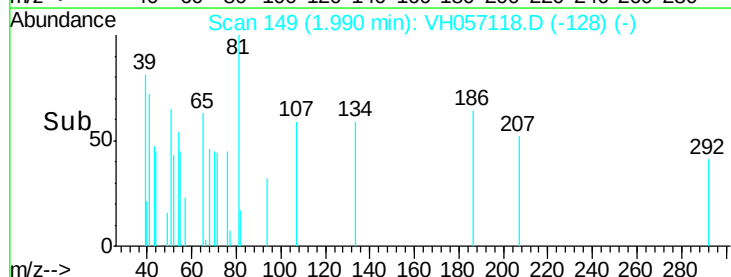
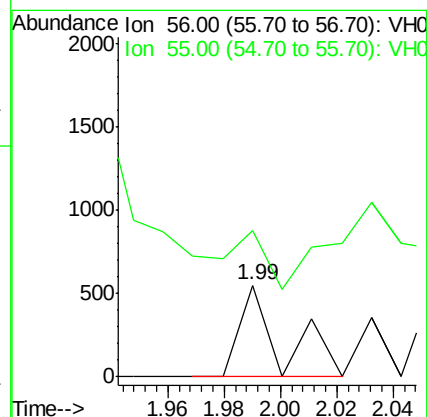
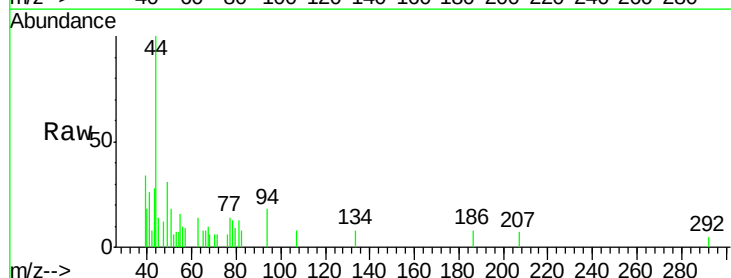
Acq: 22 Sep 2015 22:00

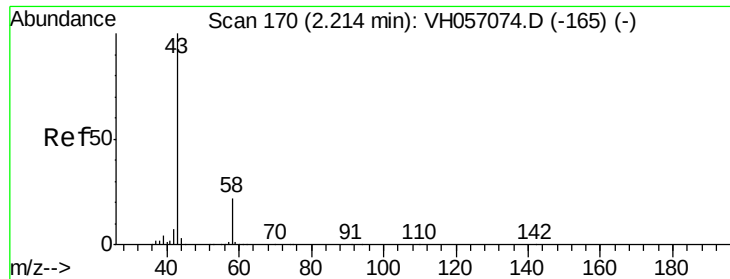
Tgt Ion: 56 Resp: 569

Ion Ratio Lower Upper

56 100

55 158.8 52.9 79.3#





#17

Acetone

Concen: Below Cal

RT: 2.15 min Scan# 164

Delta R.T. -0.07 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

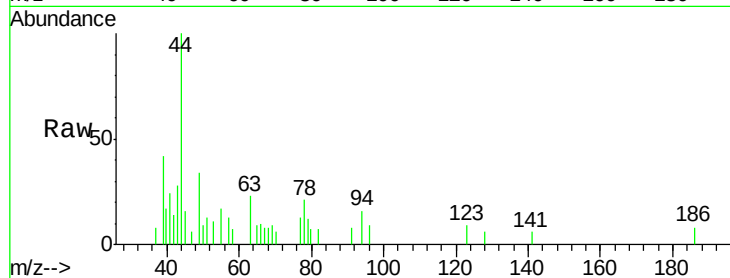
ERD45-CS8-11ME

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

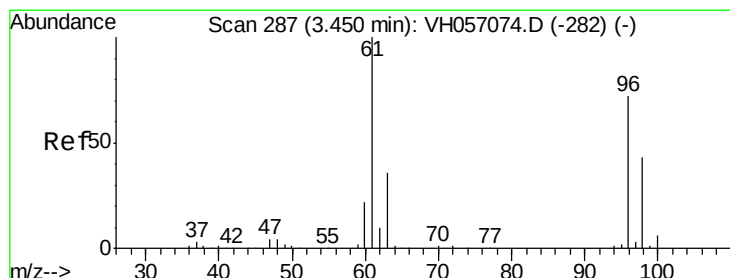
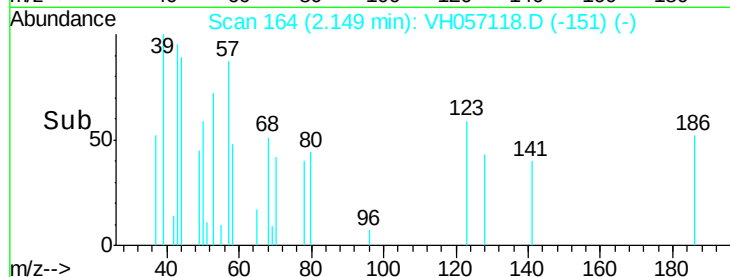
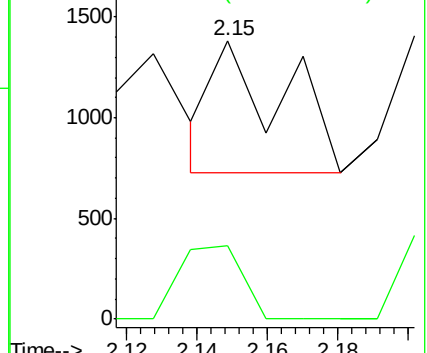
43 100

58 26.5 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0



#27

cis-1,2-Dichloroethene

Concen: 2.98 ug/l

RT: 3.42 min Scan# 285

Delta R.T. -0.03 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

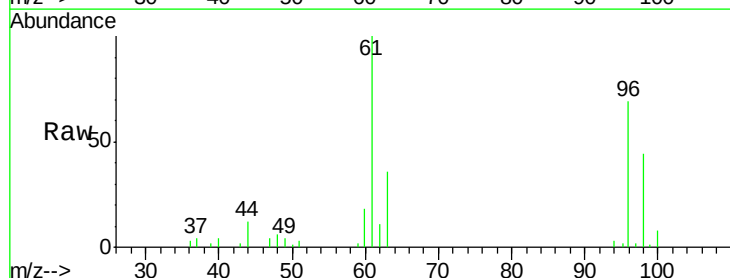
Tgt Ion: 96 Resp: 43438

Ion Ratio Lower Upper

96 100

61 144.2 115.4 173.0

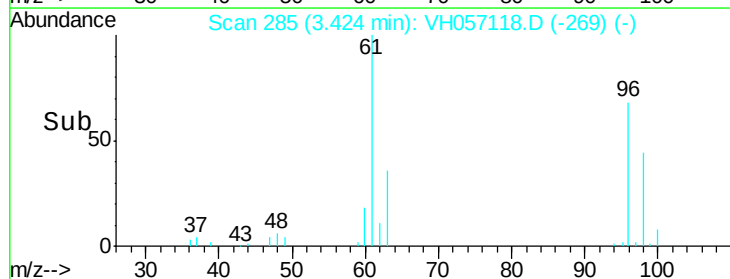
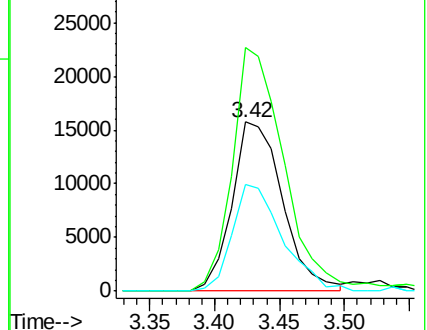
98 62.9 49.7 74.5

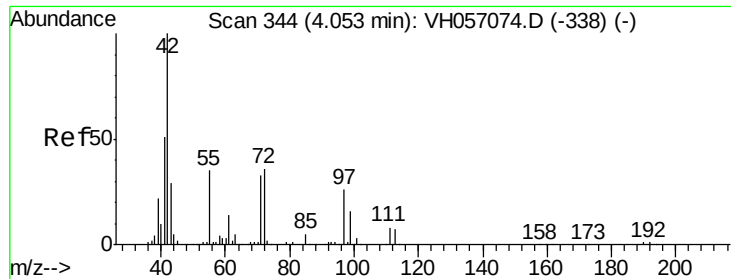


Abundance Ion 96.00 (95.70 to 96.70): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 98.00 (97.70 to 98.70): VH0





#31

Tetrahydrofuran

Concen: 0.43 ug/l

RT: 4.07 min Scan# 347

Delta R.T. 0.02 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS8-11ME

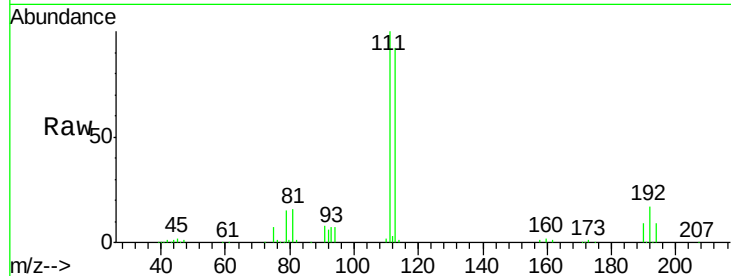
Tgt Ion: 42 Resp: 4152

Ion Ratio Lower Upper

42 100

72 24.5 25.5 38.3#

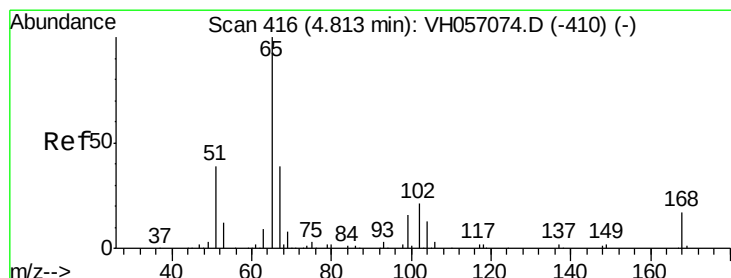
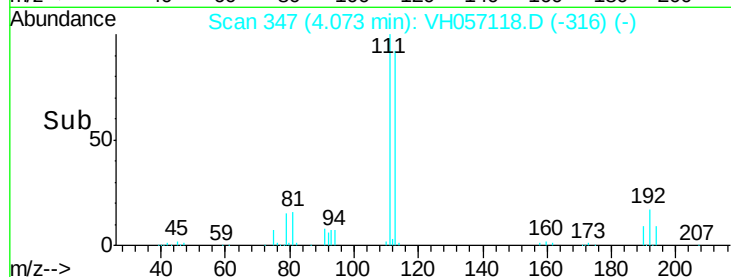
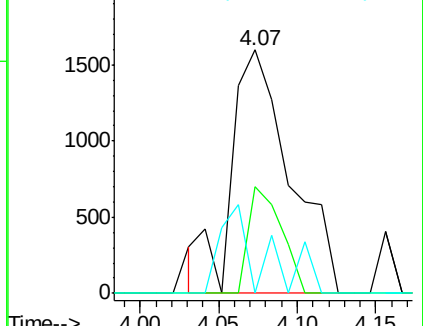
71 21.2 25.4 38.0#



Abundance Ion 42.00 (41.70 to 42.70): VH0

Ion 72.00 (71.70 to 72.70): VH0

Ion 71.00 (70.70 to 71.70): VH0



#33

1,2-Dichloroethane-d4

Concen: 33.80 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.01 min

Lab File: VH057118.D

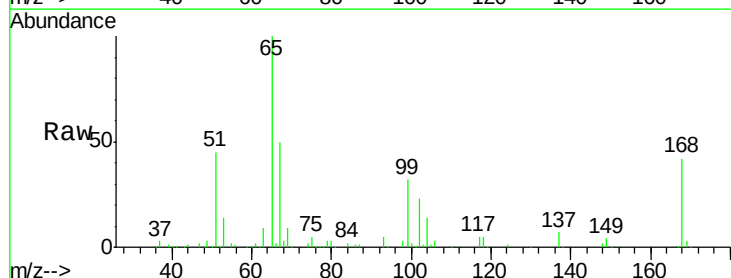
Acq: 22 Sep 2015 22:00

Tgt Ion: 65 Resp: 621195

Ion Ratio Lower Upper

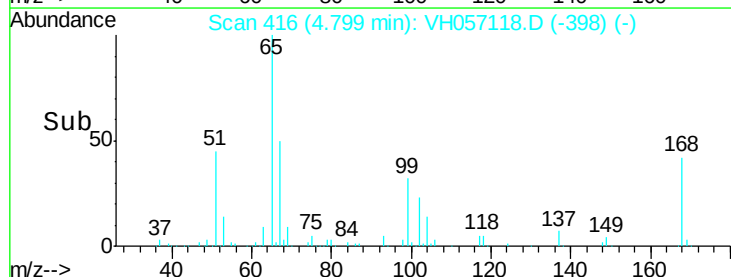
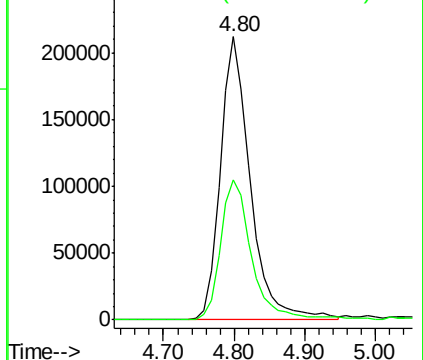
65 100

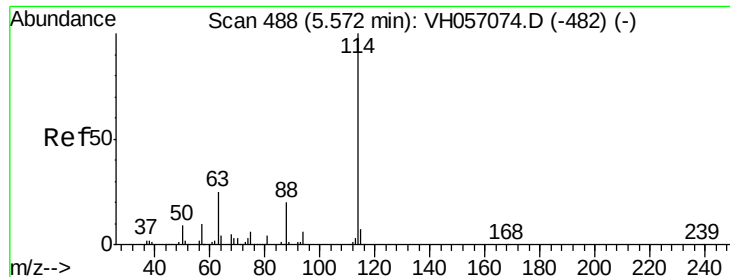
67 49.7 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

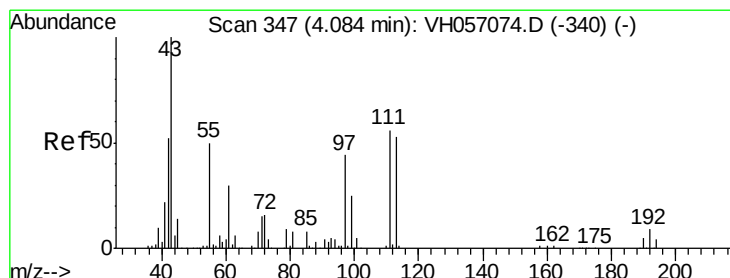
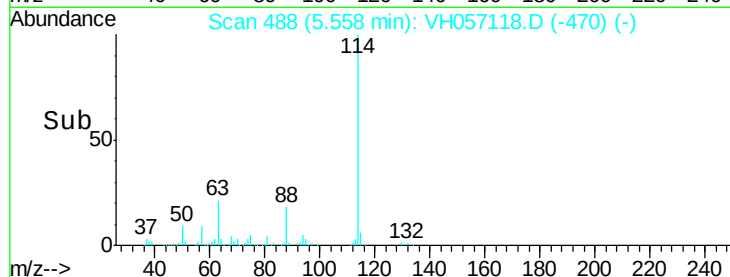
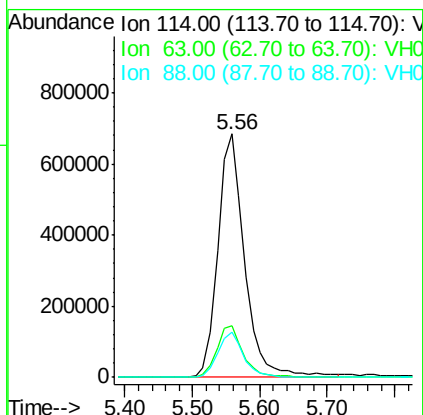
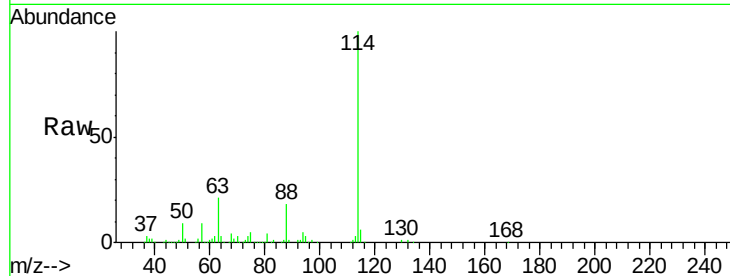




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VH057118.D
 Acq: 22 Sep 2015 22:00

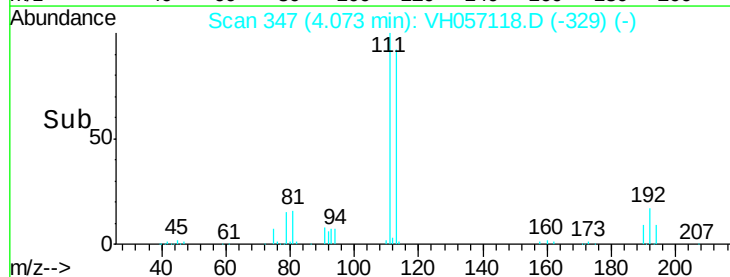
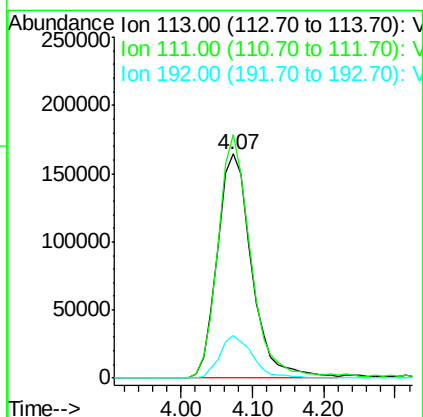
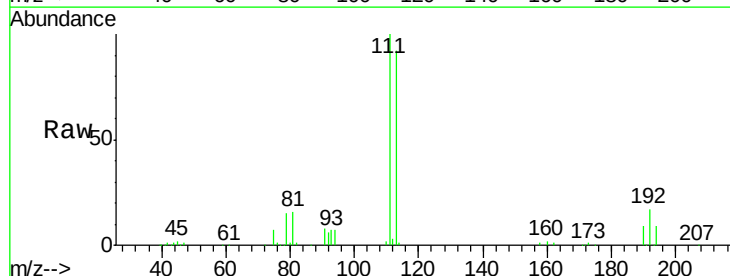
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS8-11ME

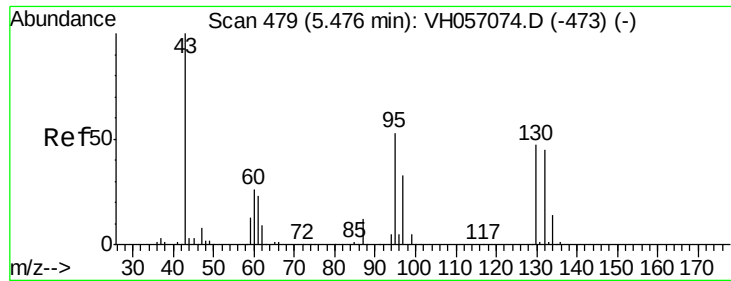
Tgt Ion:114 Resp: 1882248
 Ion Ratio Lower Upper
 114 100
 63 21.1 19.0 28.4
 88 18.3 15.7 23.5



#35
 Dibromofluoromethane
 Concen: 36.25 ug/l
 RT: 4.07 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VH057118.D
 Acq: 22 Sep 2015 22:00

Tgt Ion:113 Resp: 543268
 Ion Ratio Lower Upper
 113 100
 111 108.8 84.0 126.0
 192 18.9 13.6 20.4





#43

Trichloroethene

Concen: 59.75 ug/l

RT: 5.46 min Scan# 479

Delta R.T. -0.01 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

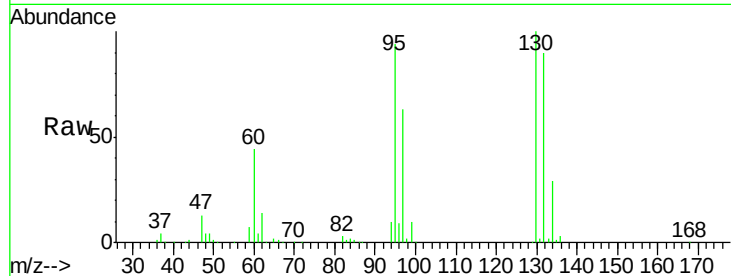
ERD45-CS8-11ME

Tgt Ion:130 Resp: 747712

Ion Ratio Lower Upper

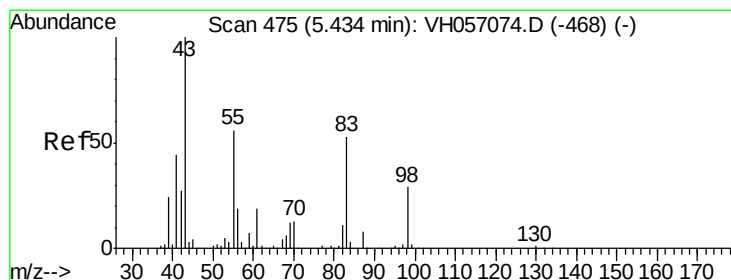
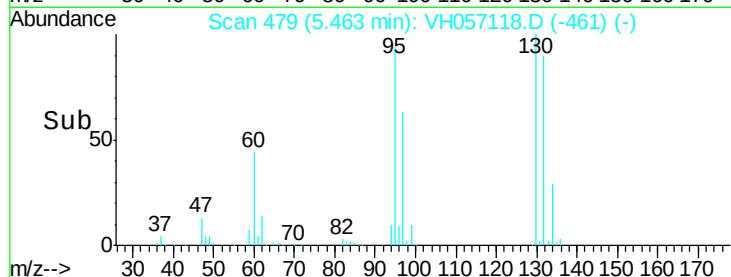
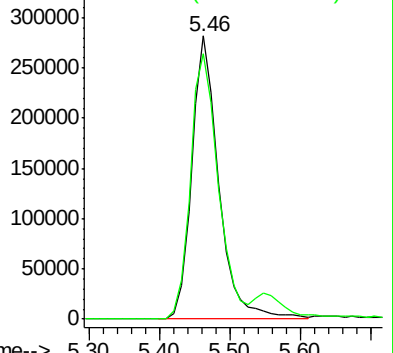
130 100

95 93.7 84.0 126.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VH0



#44

Methylcyclohexane

Concen: 1.24 ug/l

RT: 5.56 min Scan# 488

Delta R.T. 0.12 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

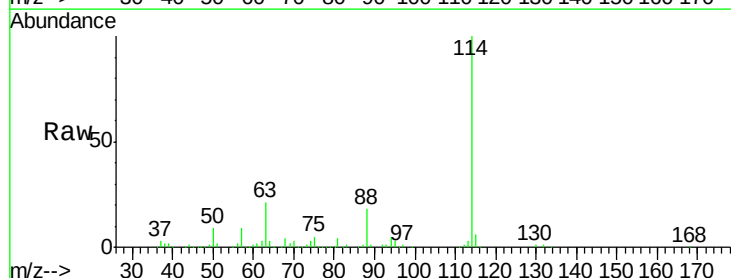
Tgt Ion: 83 Resp: 14764

Ion Ratio Lower Upper

83 100

55 30.8 0.0 207.2

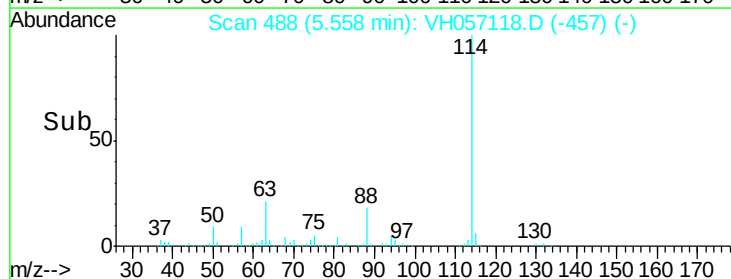
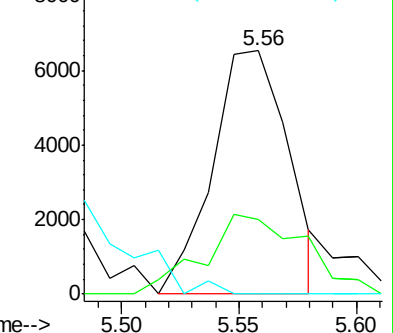
98 0.0 0.0 108.4

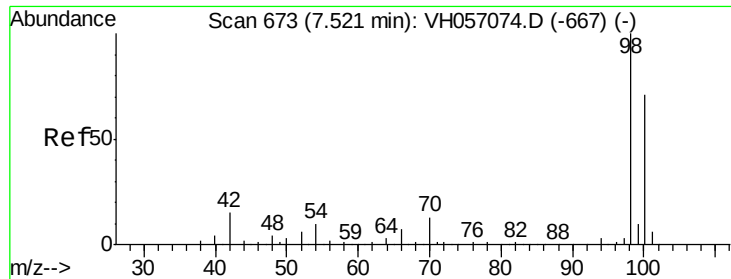


Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 55.00 (54.70 to 55.70): VH0

Ion 98.00 (97.70 to 98.70): VH0

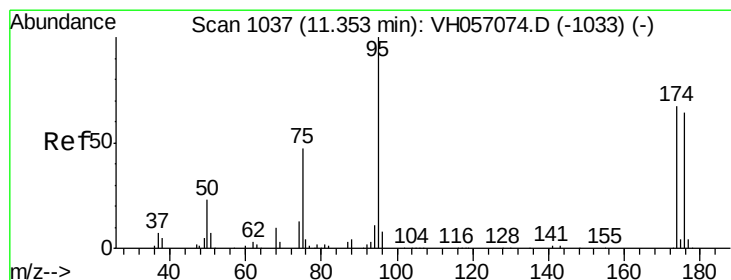
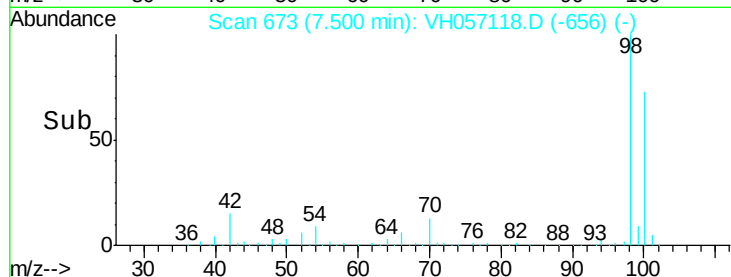
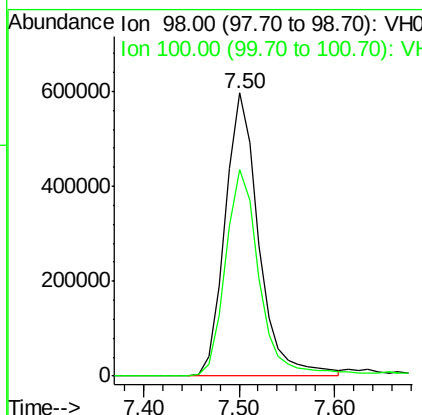
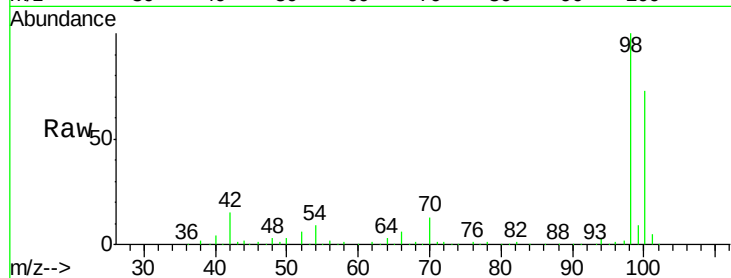




#48
Toluene-d8
Concen: 33.99 ug/l
RT: 7.50 min Scan# 673
Delta R.T. -0.02 min
Lab File: VH057118.D
Acq: 22 Sep 2015 22:00

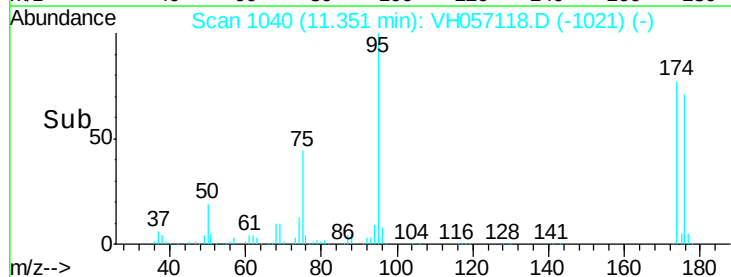
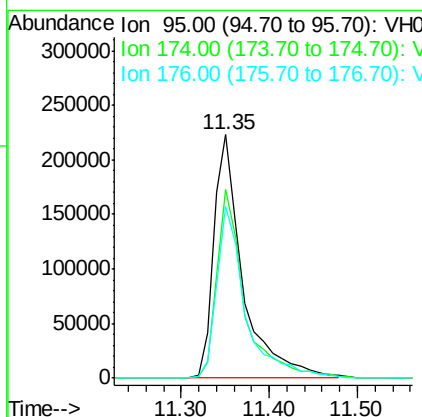
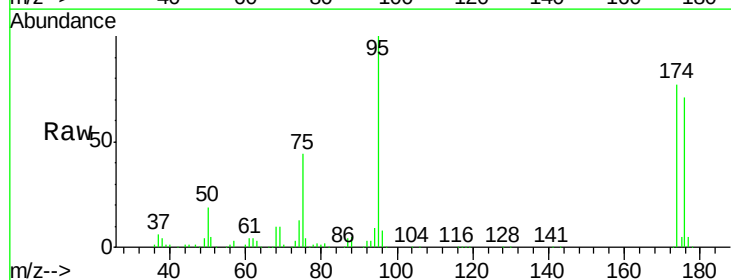
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS8-11ME

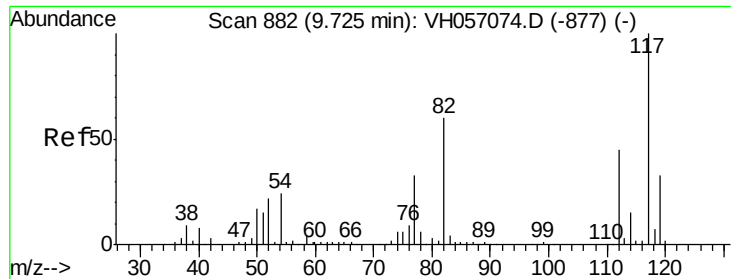
Tgt Ion: 98 Resp: 1464745
Ion Ratio Lower Upper
98 100
100 73.0 56.7 85.1



#62
4-Bromofluorobenzene
Concen: 35.14 ug/l
RT: 11.35 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VH057118.D
Acq: 22 Sep 2015 22:00

Tgt Ion: 95 Resp: 510682
Ion Ratio Lower Upper
95 100
174 77.3 58.4 87.6
176 70.9 54.3 81.5

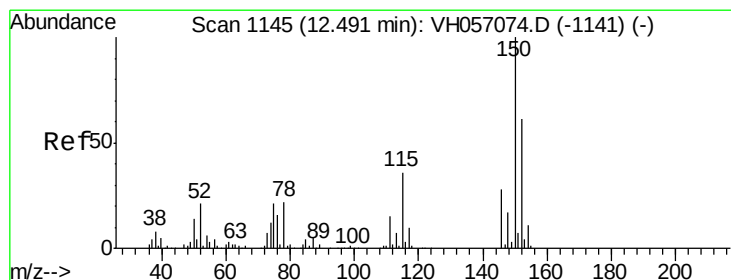
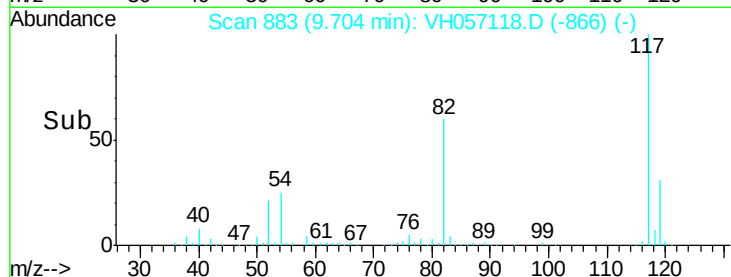
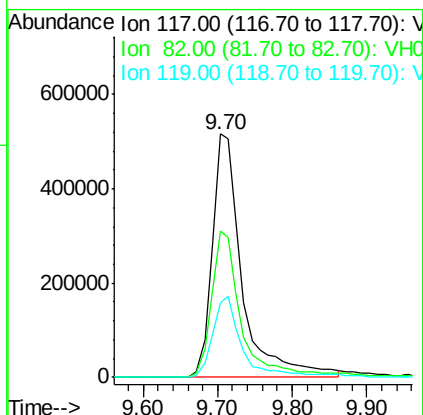
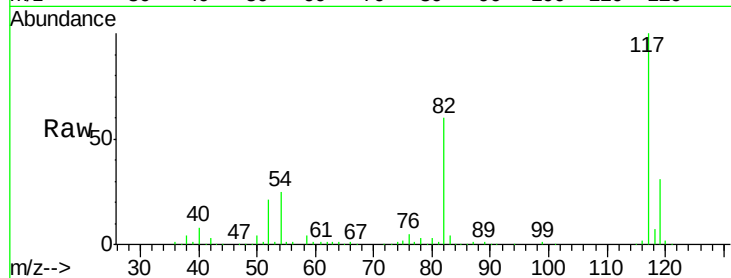




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 883
Delta R.T. -0.02 min
Lab File: VH057118.D
Acq: 22 Sep 2015 22:00

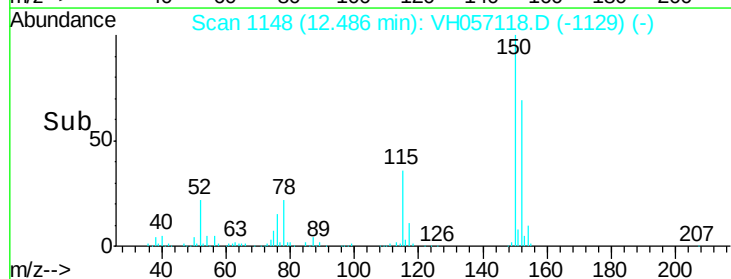
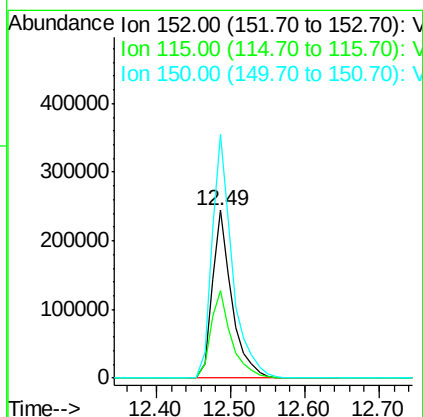
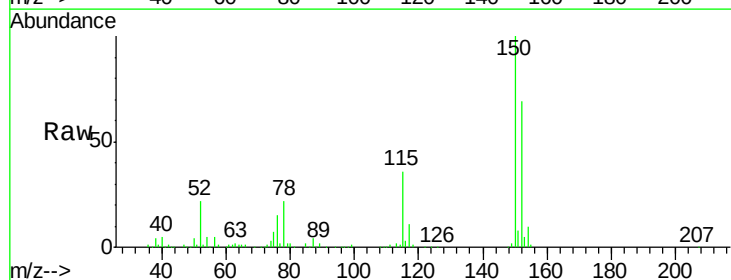
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS8-11ME

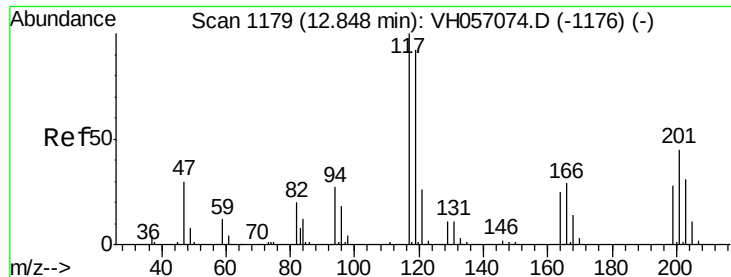
Tgt Ion:117 Resp: 1437829
Ion Ratio Lower Upper
117 100
82 60.1 51.0 76.6
119 30.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VH057118.D
Acq: 22 Sep 2015 22:00

Tgt Ion:152 Resp: 451009
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.6
150 145.3 0.0 332.0





#90

Hexachloroethane

Concen: 0.39 ug/l

RT: 12.86 min Scan# 1184

Delta R.T. 0.02 min

Lab File: VH057118.D

Acq: 22 Sep 2015 22:00

Instrument :

MSVOA_H

ClientSampleId :

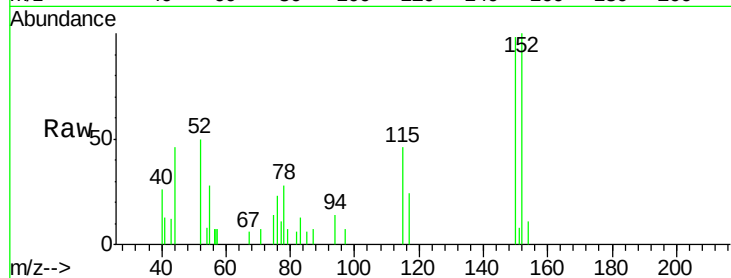
ERD45-CS8-11ME

Tgt Ion:117 Resp: 1700

Ion Ratio Lower Upper

117 100

201 0.0 14.0 80.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

