

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057108.D
 Acq On : 22 Sep 2015 17:27
 Operator : SY/FY
 Sample : G3767-07ME
 Misc : 4.99g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-3ME

Quant Time: Sep 23 04:38:29 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	4.82	168	978246	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.54	114	1681667	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.70	117	1330626	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.49	152	404928	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		4.79	65	661012	37.84	ug/l	-0.03
Spiked Amount	50.000	Range	66 - 150	Recovery	=	75.68%	
35) Dibromofluoromethane		4.05	113	607277	45.35	ug/l	-0.03
Spiked Amount	50.000	Range	76 - 130	Recovery	=	90.70%	
48) Toluene-d8		7.49	98	1640741	42.62	ug/l	-0.03
Spiked Amount	50.000	Range	78 - 121	Recovery	=	85.24%	
62) 4-Bromofluorobenzene		11.35	95	573034	44.14	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	88.28%	

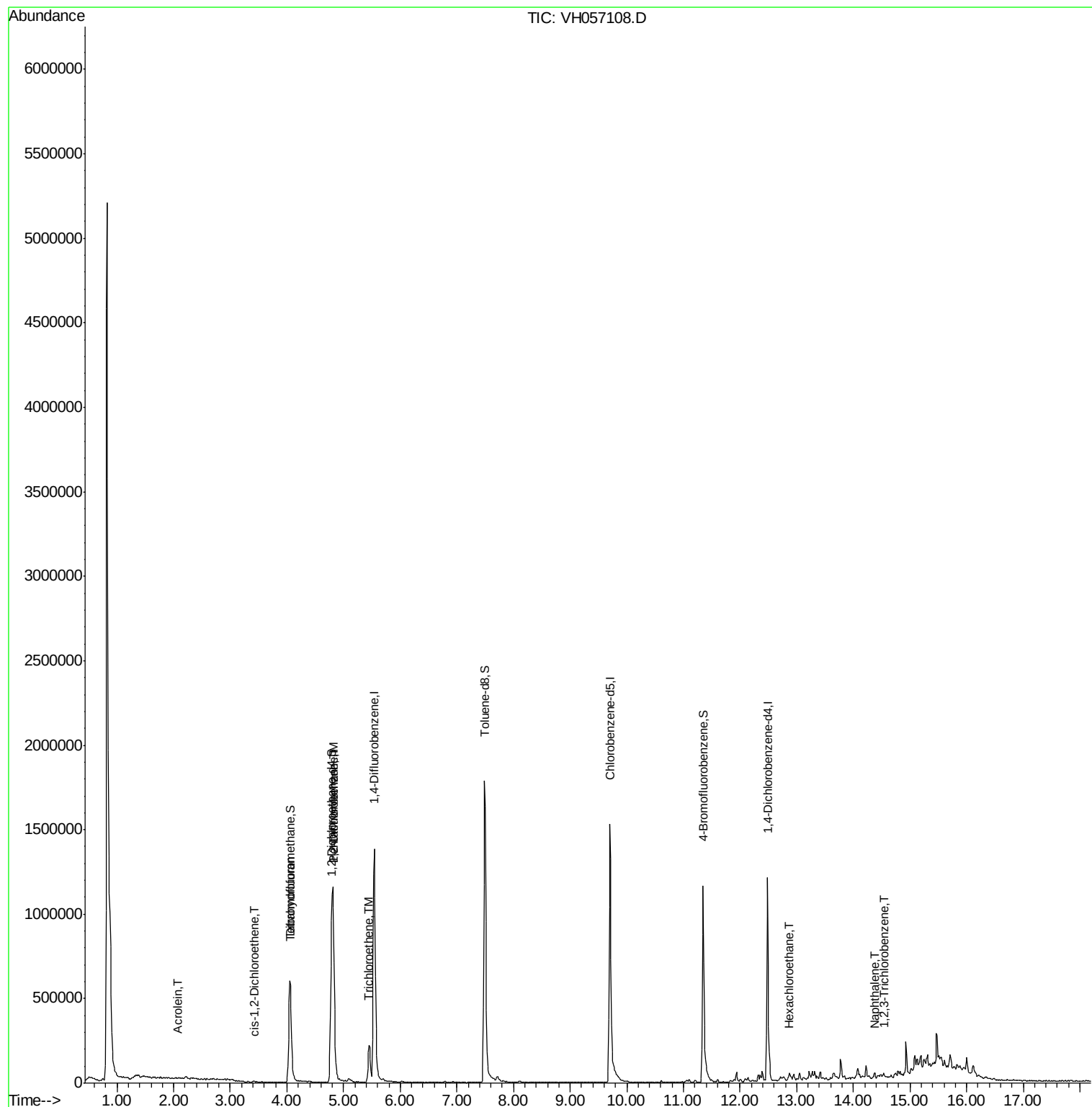
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.22	94	883	Below Cal	#	1
6) Chloroethane	1.37	64	792	Below Cal	#	1
13) Acrolein	2.08	56	2113	1.13	ug/l	94
17) Acetone	2.20	43	10544	Below Cal	#	72
27) cis-1,2-Dichloroethene	3.42	96	4139	0.30	ug/l	96
31) Tetrahydrofuran	4.06	42	5005	0.55	ug/l	# 74
41) 1,2-Dichloroethane	4.82	62	3988	0.21	ug/l	# 1
43) Trichloroethene	5.45	130	116393	10.41	ug/l	99
90) Hexachloroethane	12.86	117	1179	0.30	ug/l	# 29
95) Naphthalene	14.37	128	22517	6.83	ug/l	# 90
96) 1,2,3-Trichlorobenzene	14.54	180	471	6.04	ug/l	# 13

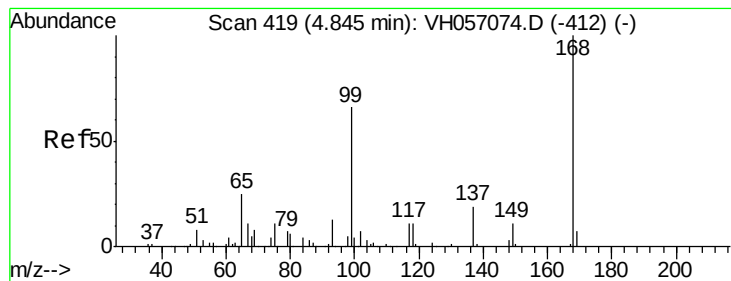
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057108.D
Acq On : 22 Sep 2015 17:27
Operator : SY/FY
Sample : G3767-07ME
Misc : 4.99g/10mL//100uL/5mL/MSVOA_H/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS9-3ME

Quant Time: Sep 23 04:38:29 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.82 min Scan# 418

Delta R.T. -0.03 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

Instrument :

MSVOA_H

ClientSampleId :

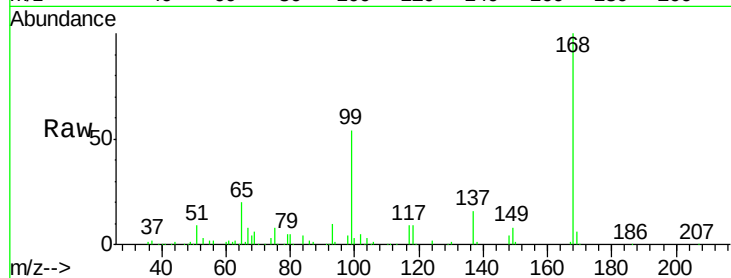
ERD45-CS9-3ME

Tgt Ion: 168 Resp: 978246

Ion Ratio Lower Upper

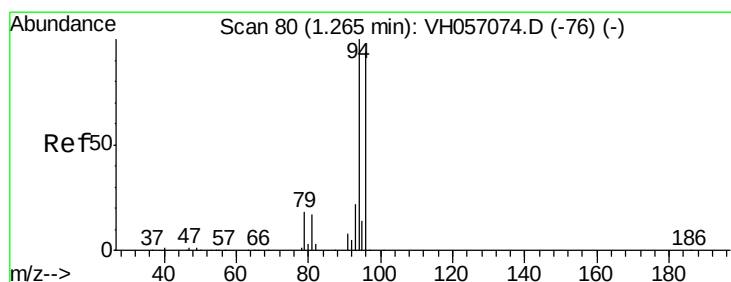
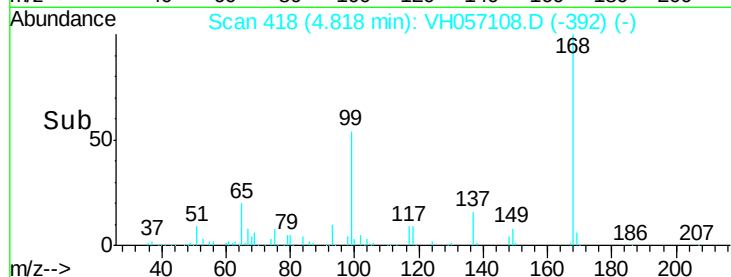
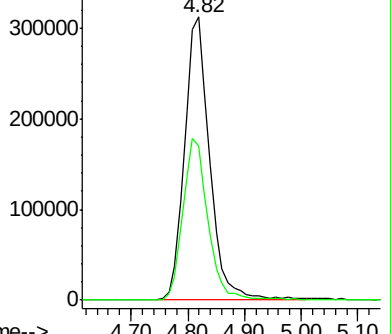
168 100

99 54.5 55.8 83.6#



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VH0



#5

Bromomethane

Concen: Below Cal

RT: 1.22 min Scan# 76

Delta R.T. -0.04 min

Lab File: VH057108.D

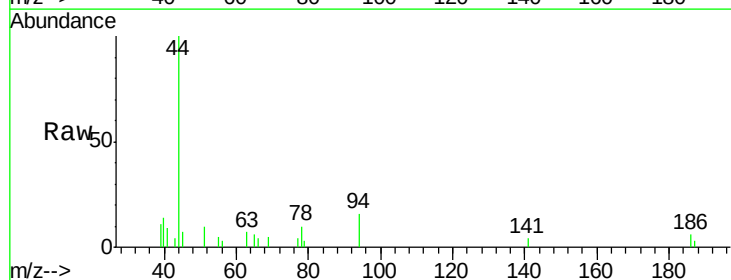
Acq: 22 Sep 2015 17:27

Tgt Ion: 94 Resp: 883

Ion Ratio Lower Upper

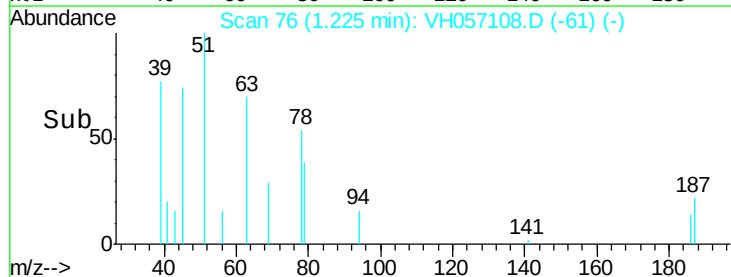
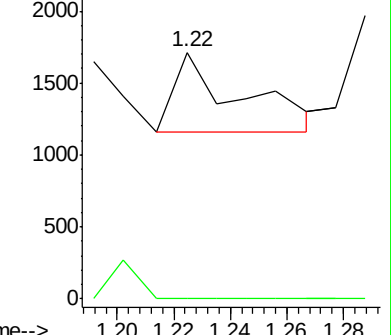
94 100

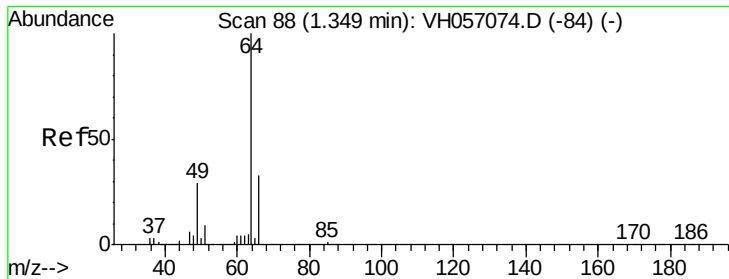
96 0.0 78.5 117.7#



Abundance Ion 94.00 (93.70 to 94.70): VH0

Ion 96.00 (95.70 to 96.70): VH0





#6

Chloroethane

Concen: Below Cal

RT: 1.37 min Scan# 90

Delta R.T. 0.02 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

Instrument :

MSVOA_H

ClientSampleId :

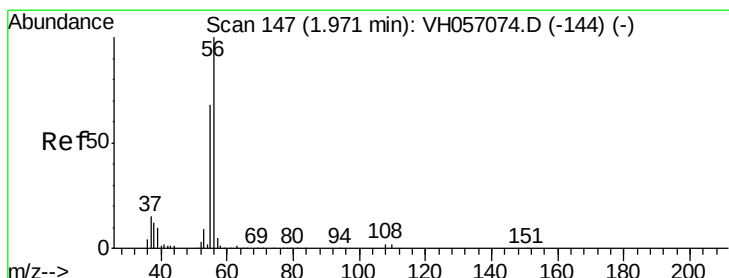
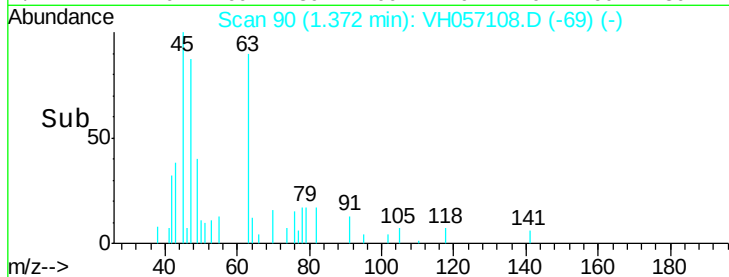
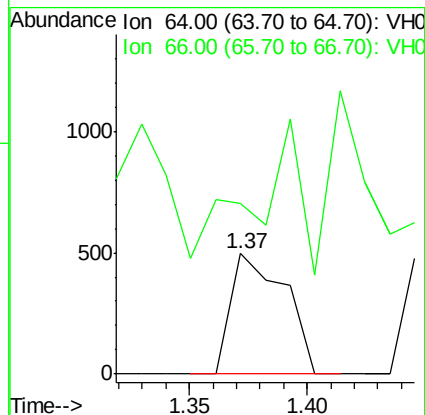
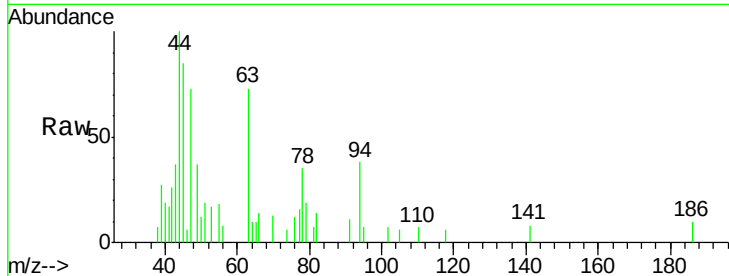
ERD45-CS9-3ME

Tgt Ion: 64 Resp: 792

Ion Ratio Lower Upper

64 100

66 141.9 25.2 37.8#



#13

Acrolein

Concen: 1.13 ug/l

RT: 2.08 min Scan# 157

Delta R.T. 0.10 min

Lab File: VH057108.D

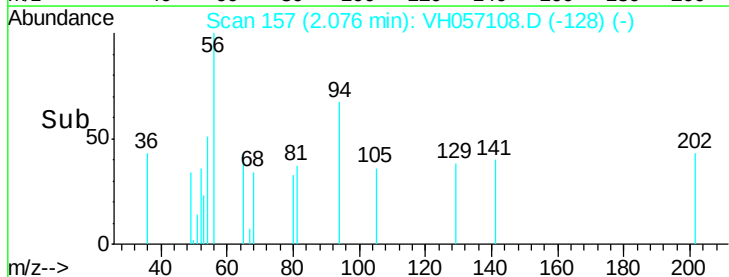
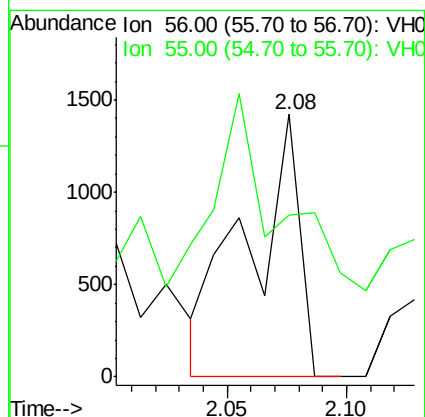
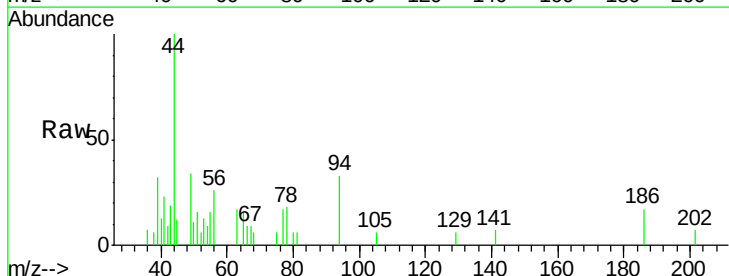
Acq: 22 Sep 2015 17:27

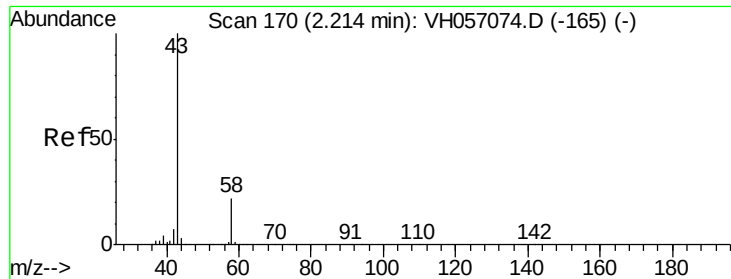
Tgt Ion: 56 Resp: 2113

Ion Ratio Lower Upper

56 100

55 61.5 52.9 79.3





#17

Acetone

Concen: Below Cal

RT: 2.20 min Scan# 169

Delta R.T. -0.01 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

Instrument :

MSVOA_H

ClientSampleId :

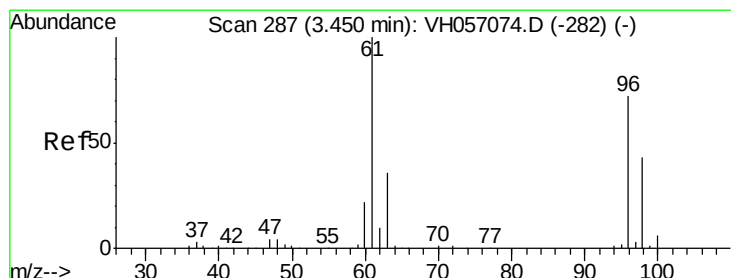
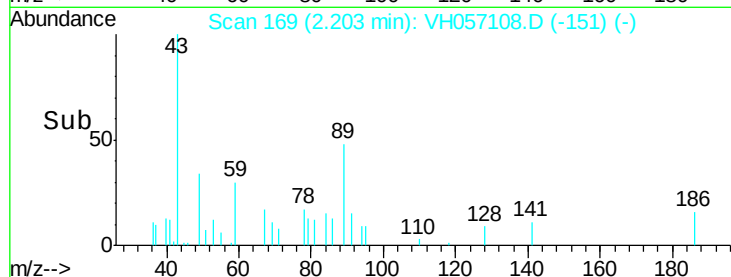
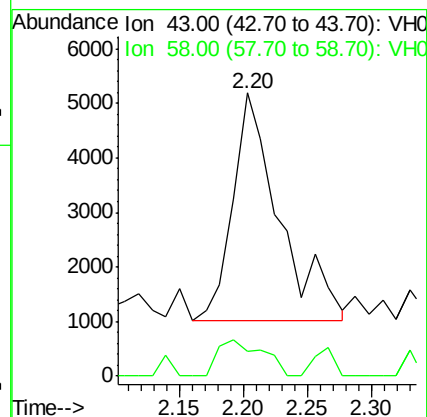
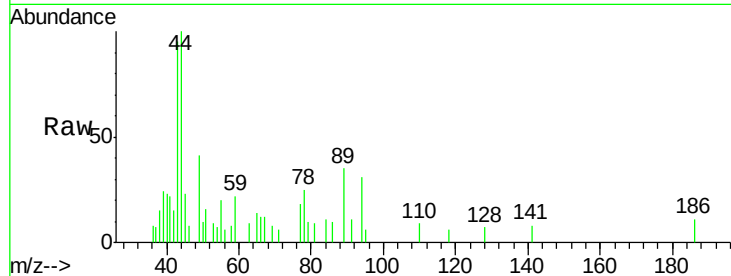
ERD45-CS9-3ME

Tgt Ion: 43 Resp: 10544

Ion Ratio Lower Upper

43 100

58 8.8 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 0.30 ug/l

RT: 3.42 min Scan# 285

Delta R.T. -0.03 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

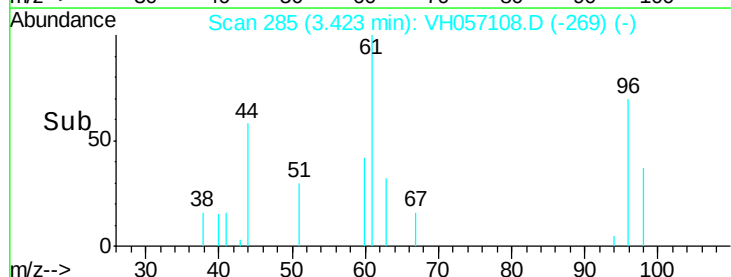
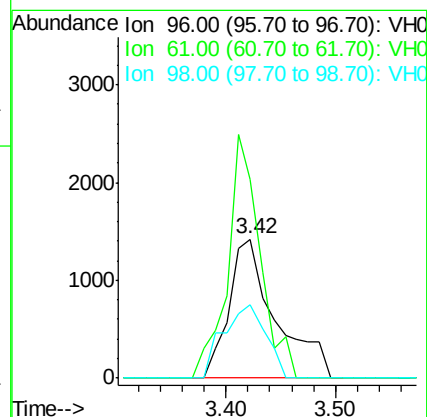
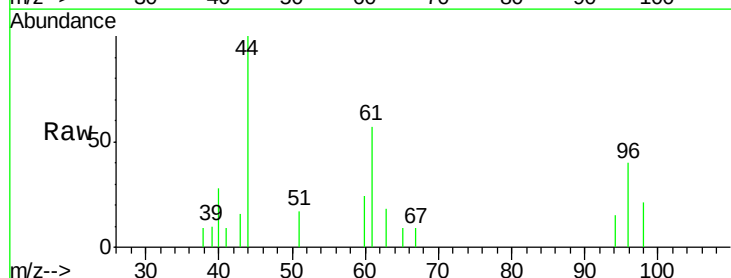
Tgt Ion: 96 Resp: 4139

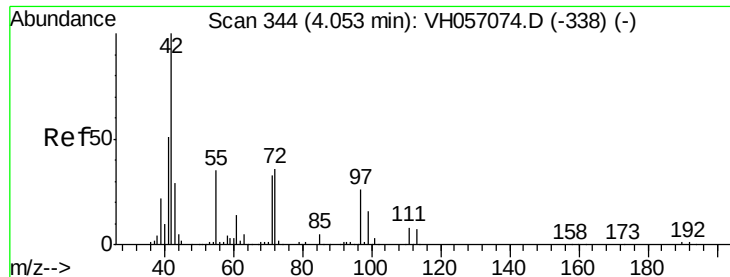
Ion Ratio Lower Upper

96 100

61 143.2 115.4 173.0

98 53.0 49.7 74.5

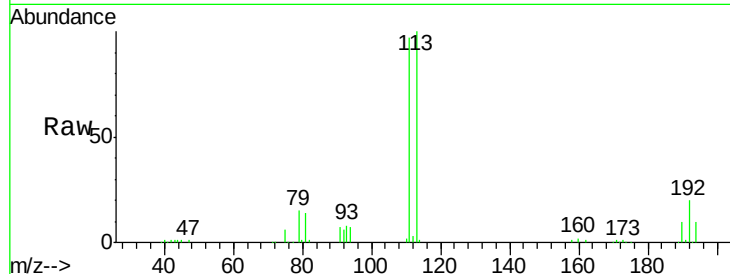




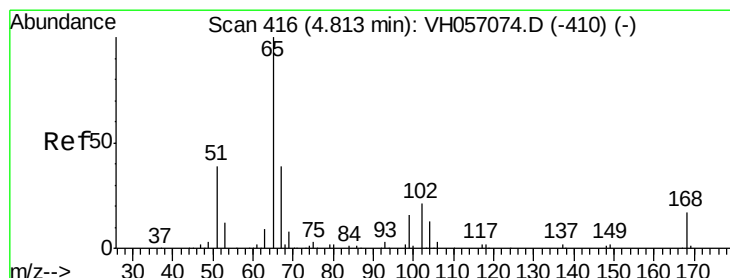
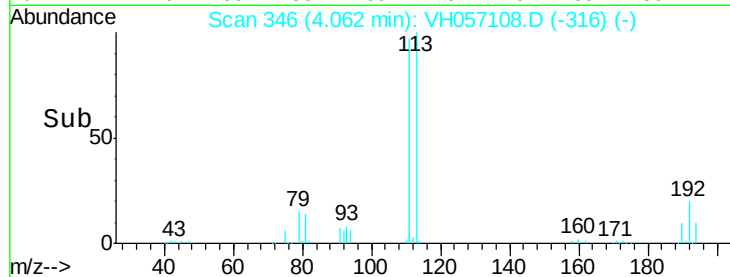
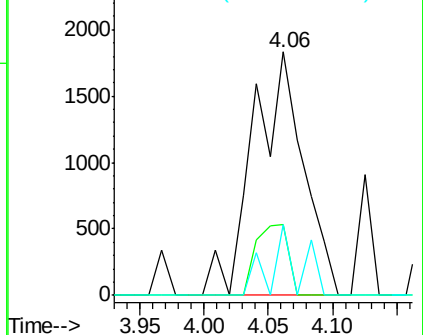
#31
Tetrahydrofuran
Concen: 0.55 ug/l
RT: 4.06 min Scan# 346
Delta R.T. 0.01 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS9-3ME

Tgt Ion	Ratio	Lower	Upper
42	100		
72	18.6	25.5	38.3#
71	16.2	25.4	38.0#

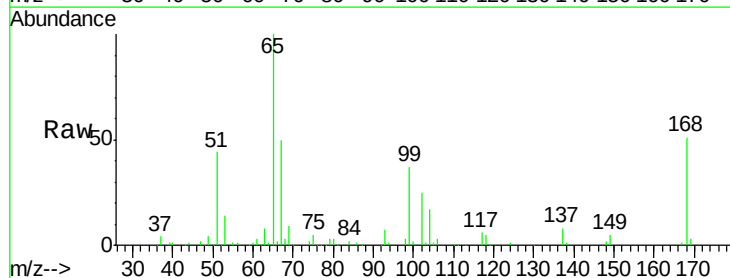


Abundance Ion 42.00 (41.70 to 42.70): VH0
Ion 72.00 (71.70 to 72.70): VH0
Ion 71.00 (70.70 to 71.70): VH0

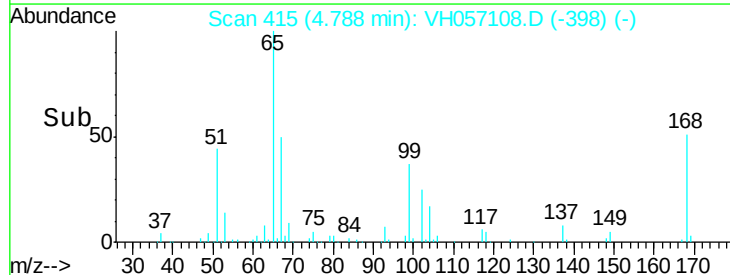
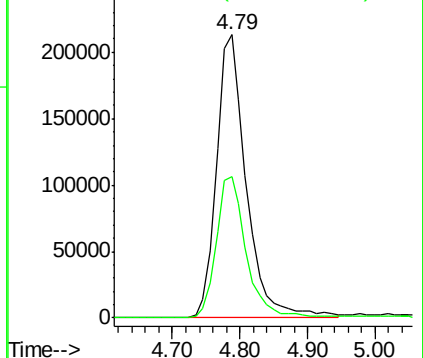


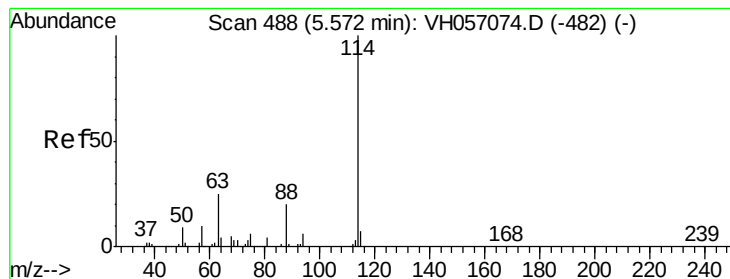
#33
1,2-Dichloroethane-d4
Concen: 37.84 ug/l
RT: 4.79 min Scan# 415
Delta R.T. -0.03 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.1	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: 5.54 min Scan# 487

Delta R.T. -0.03 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS9-3ME

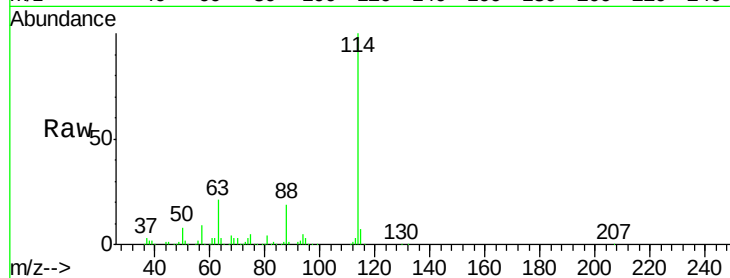
Tgt Ion:114 Resp: 1681667

Ion Ratio Lower Upper

114 100

63 21.3 19.0 28.4

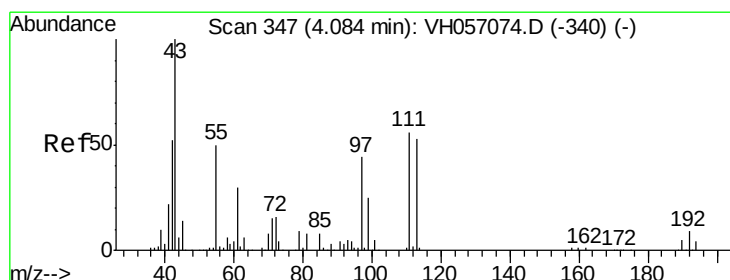
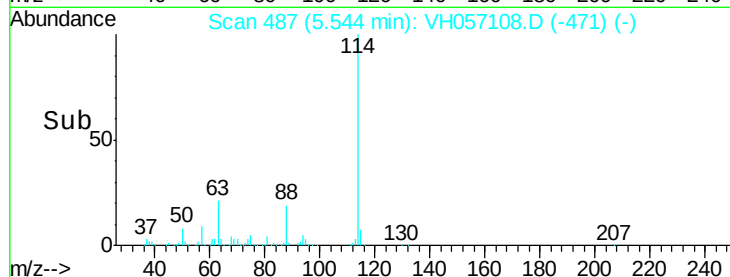
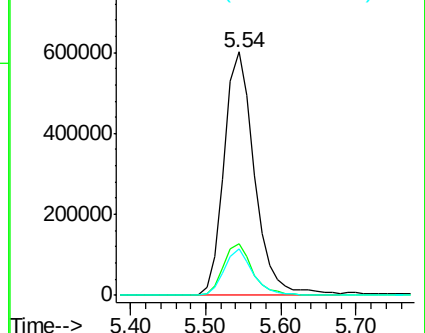
88 18.9 15.7 23.5



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: 45.35 ug/l

RT: 4.05 min Scan# 345

Delta R.T. -0.03 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

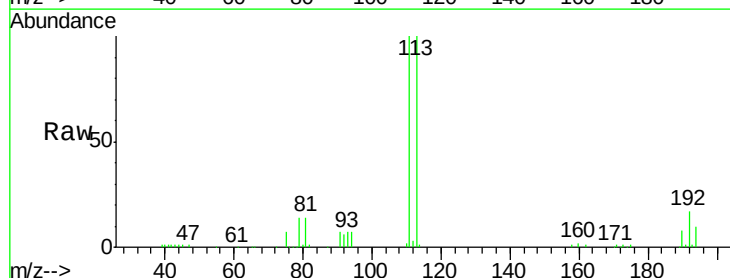
Tgt Ion:113 Resp: 607277

Ion Ratio Lower Upper

113 100

111 100.0 84.0 126.0

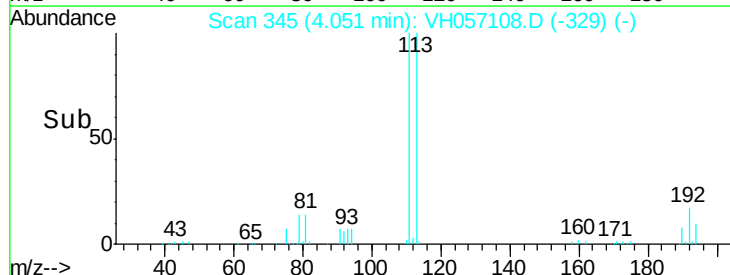
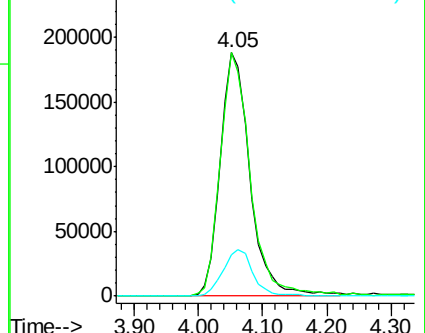
192 17.1 13.6 20.4

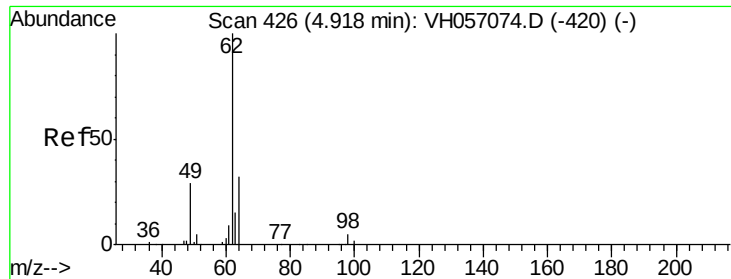


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

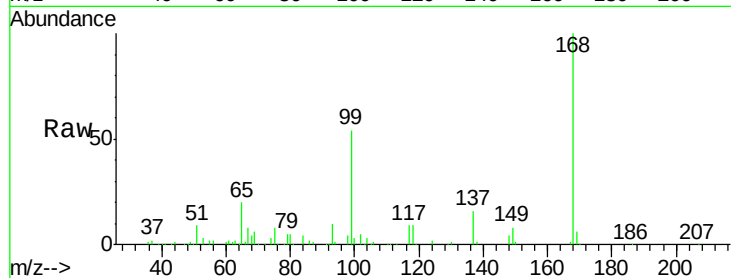




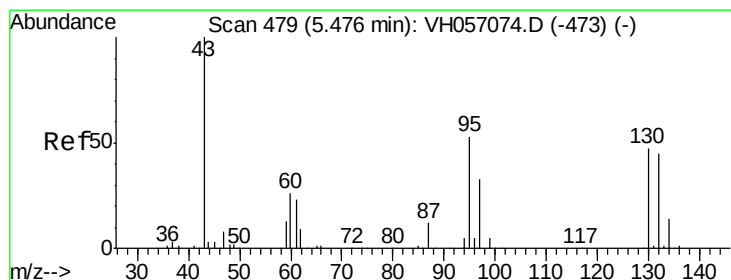
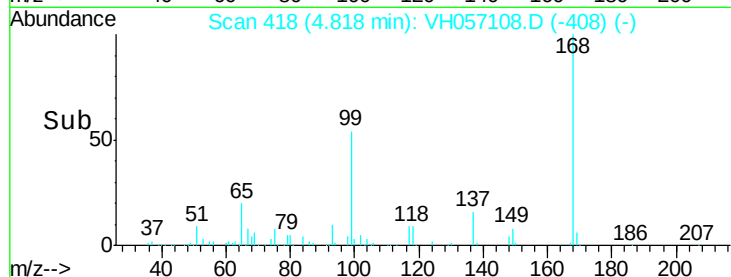
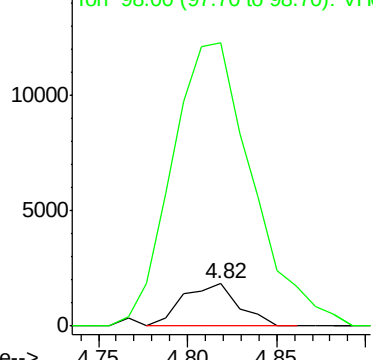
#41
 1,2-Dichloroethane
 Concen: 0.21 ug/l
 RT: 4.82 min Scan# 418
 Delta R.T. -0.10 min
 Lab File: VH057108.D
 Acq: 22 Sep 2015 17:27

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-3ME

Tgt Ion: 62 Resp: 3988
 Ion Ratio Lower Upper
 62 100
 98 667.0 7.3 10.9#

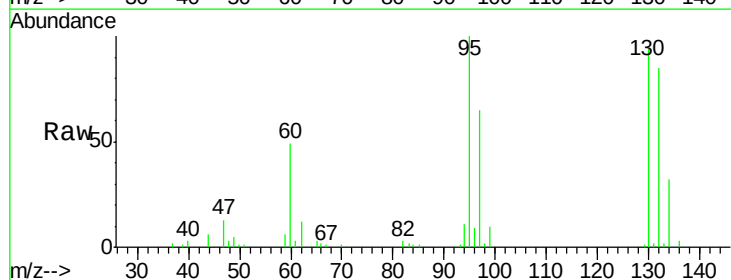


Abundance Ion 62.00 (61.70 to 62.70): VH0
 Ion 98.00 (97.70 to 98.70): VH0

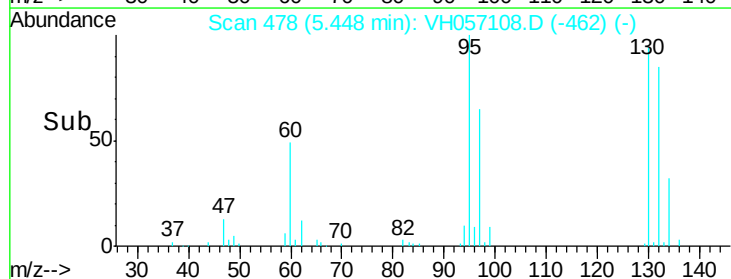
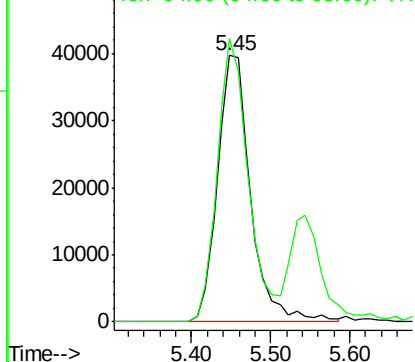


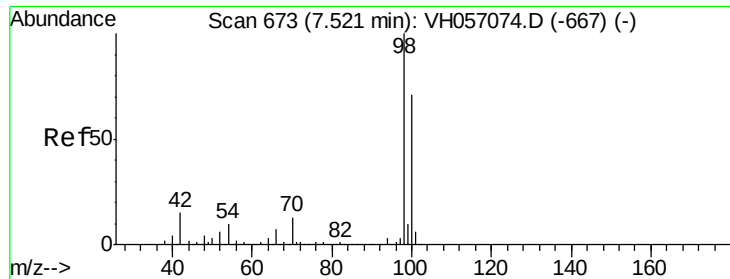
#43
 Trichloroethene
 Concen: 10.41 ug/l
 RT: 5.45 min Scan# 478
 Delta R.T. -0.03 min
 Lab File: VH057108.D
 Acq: 22 Sep 2015 17:27

Tgt Ion: 130 Resp: 116393
 Ion Ratio Lower Upper
 130 100
 95 106.2 84.0 126.0



Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VH0

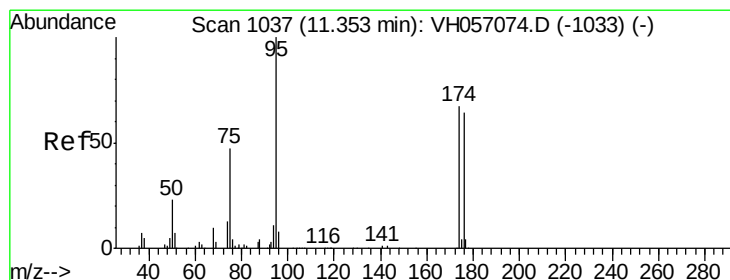
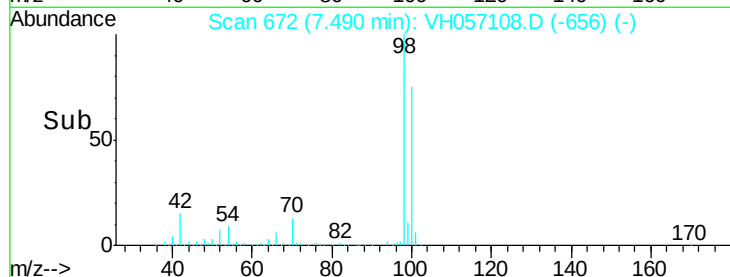
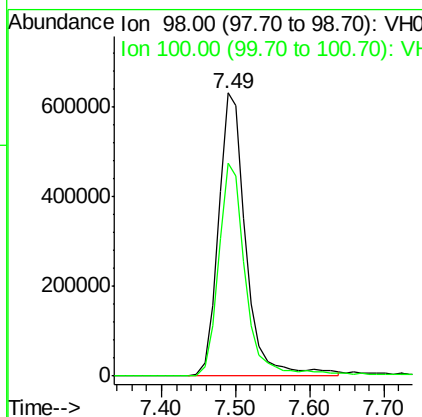
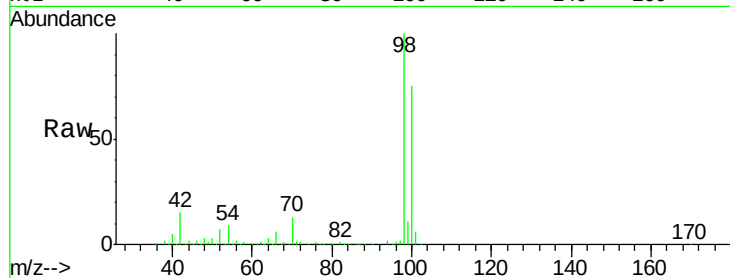




#48
Toluene-d8
Concen: 42.62 ug/l
RT: 7.49 min Scan# 672
Delta R.T. -0.03 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

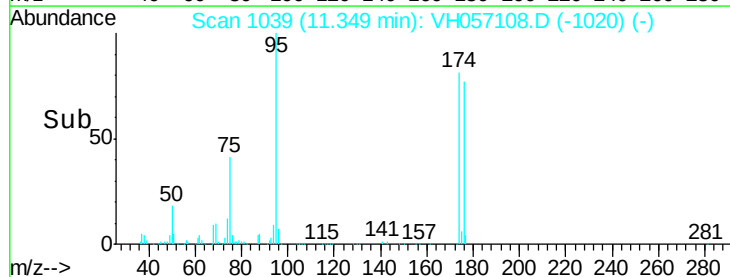
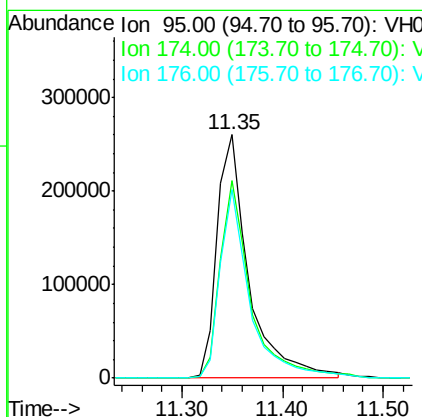
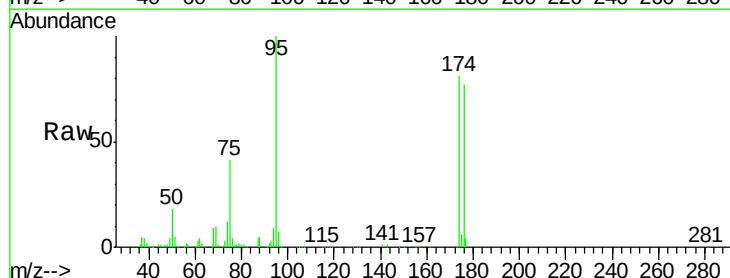
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS9-3ME

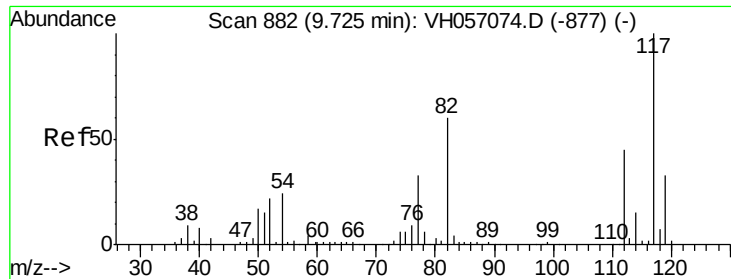
Tgt Ion: 98 Resp: 1640741
Ion Ratio Lower Upper
98 100
100 75.0 56.7 85.1



#62
4-Bromofluorobenzene
Concen: 44.14 ug/l
RT: 11.35 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

Tgt Ion: 95 Resp: 573034
Ion Ratio Lower Upper
95 100
174 81.2 58.4 87.6
176 77.3 54.3 81.5

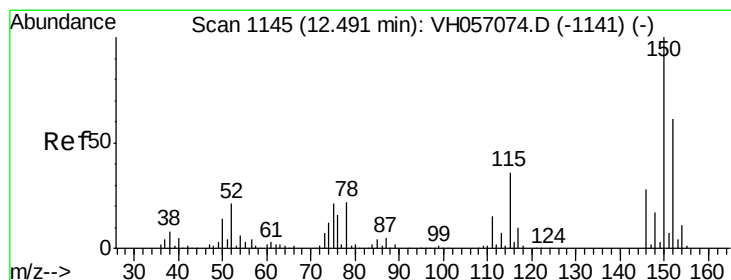
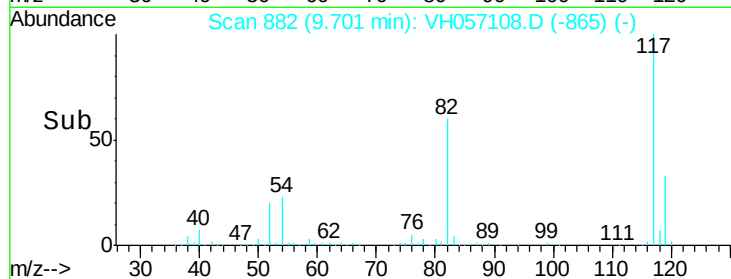
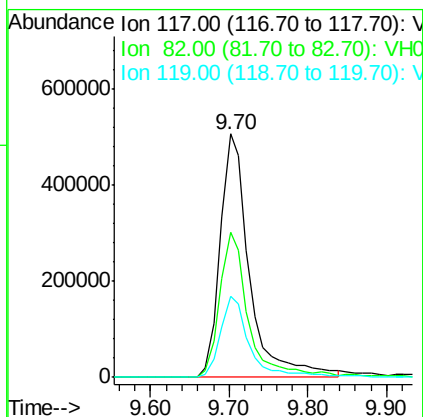
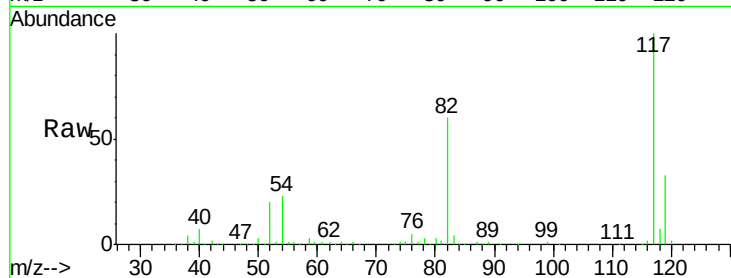




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.70 min Scan# 882
Delta R.T. -0.02 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

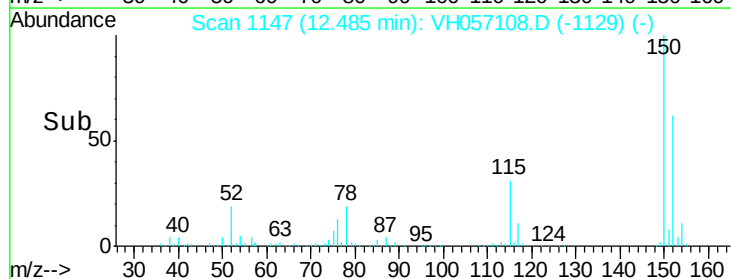
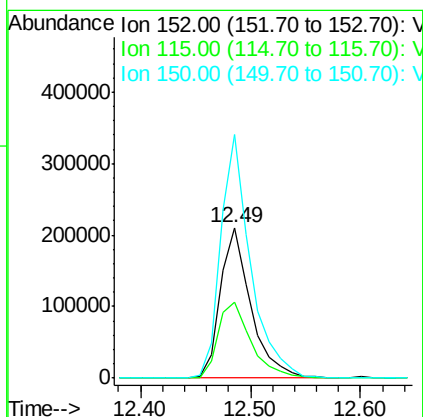
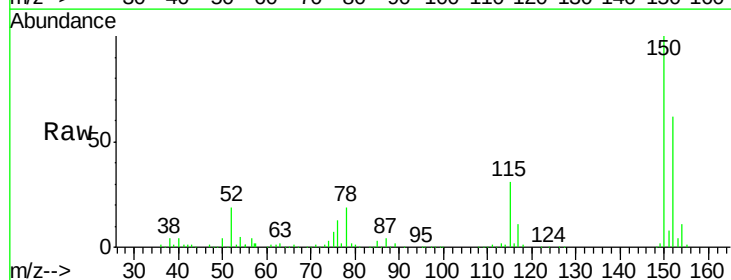
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS9-3ME

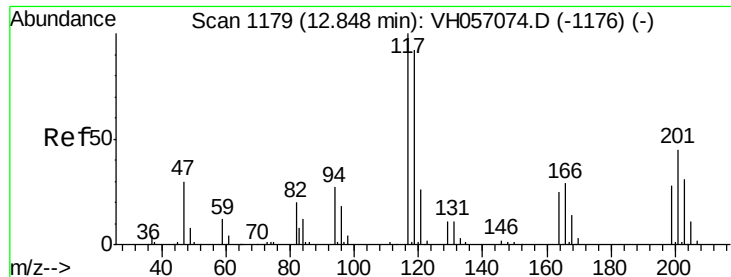
Tgt Ion:117 Resp: 1330626
Ion Ratio Lower Upper
117 100
82 59.6 51.0 76.6
119 33.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1147
Delta R.T. -0.01 min
Lab File: VH057108.D
Acq: 22 Sep 2015 17:27

Tgt Ion:152 Resp: 404928
Ion Ratio Lower Upper
152 100
115 50.5 28.2 84.6
150 162.0 0.0 332.0





#90

Hexachloroethane

Concen: 0.30 ug/l

RT: 12.86 min Scan# 1183

Delta R.T. 0.02 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

Instrument :

MSVOA_H

ClientSampleId :

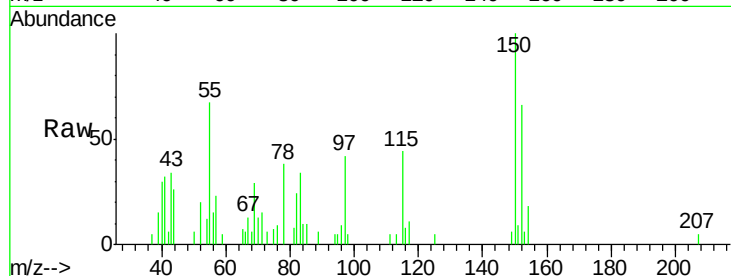
ERD45-CS9-3ME

Tgt Ion:117 Resp: 1179

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

12.86

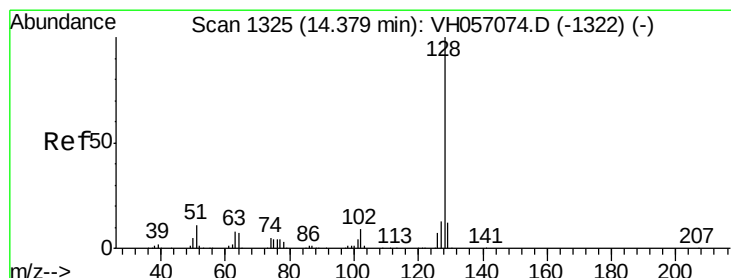
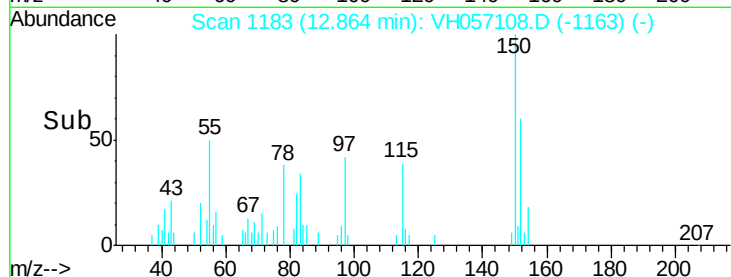
600

400

200

0

Time-->



#95

Naphthalene

Concen: 6.83 ug/l

RT: 14.37 min Scan# 1326

Delta R.T. -0.01 min

Lab File: VH057108.D

Acq: 22 Sep 2015 17:27

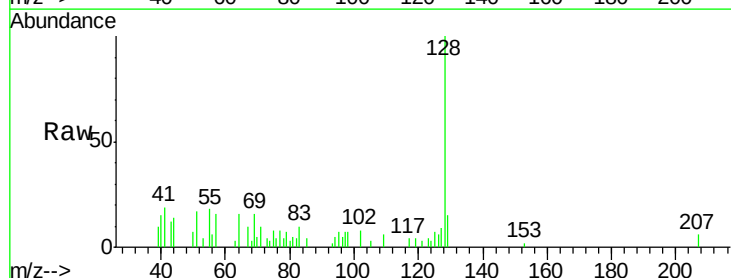
Tgt Ion:128 Resp: 22517

Ion Ratio Lower Upper

128 100

127 9.2 9.6 14.4#

129 15.5 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

14.37

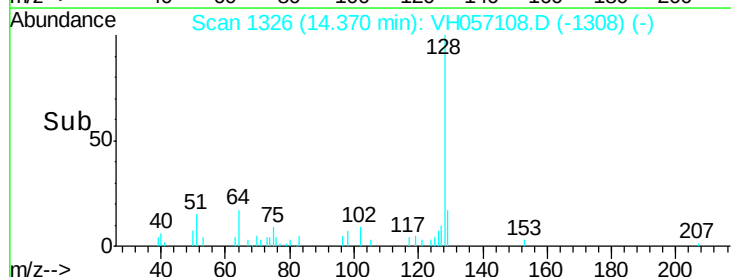
15000

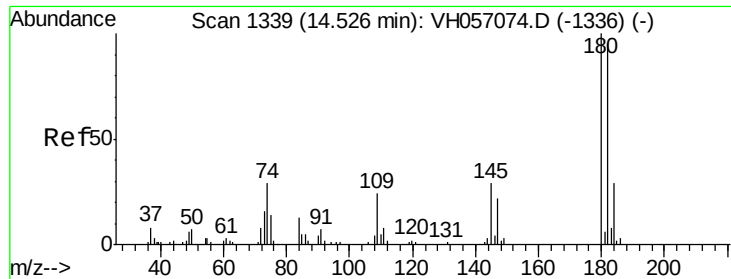
10000

5000

0

Time-->

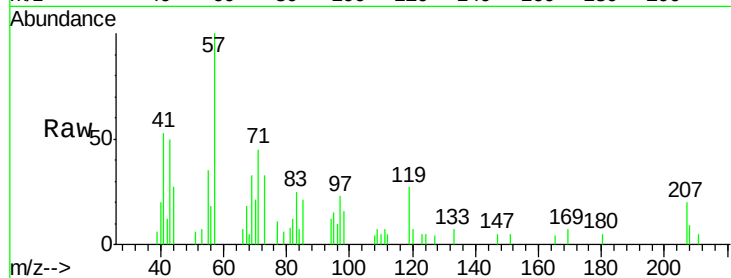




#96
 1,2,3-Trichlorobenzene
 Concen: 6.04 ug/l
 RT: 14.54 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: VH057108.D
 Acq: 22 Sep 2015 17:27

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS9-3ME

Tgt Ion:180 Resp: 471
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.3#
 145 0.0 12.5 37.5#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

