

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
 Data File : VH057110.D
 Acq On : 22 Sep 2015 18:22
 Operator : SY/FY
 Sample : G3767-13ME
 Misc : 4.98g/10mL//100uL/5mL/MSVOA_H/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS11-3

Quant Time: Sep 23 04:38:56 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	879134	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.55	114	1491995	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.71	117	1203388	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.48	152	343213	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	358332	22.82	ug/l	-0.01
Spiked Amount	50.000	Range	66 - 150	Recovery	=	45.64%#	
35) Dibromofluoromethane		4.08	113	329839	27.77	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	55.54%#	
48) Toluene-d8		7.50	98	894667	26.19	ug/l	-0.02
Spiked Amount	50.000	Range	78 - 121	Recovery	=	52.38%#	
62) 4-Bromofluorobenzene		11.35	95	311201	27.02	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	54.04%#	

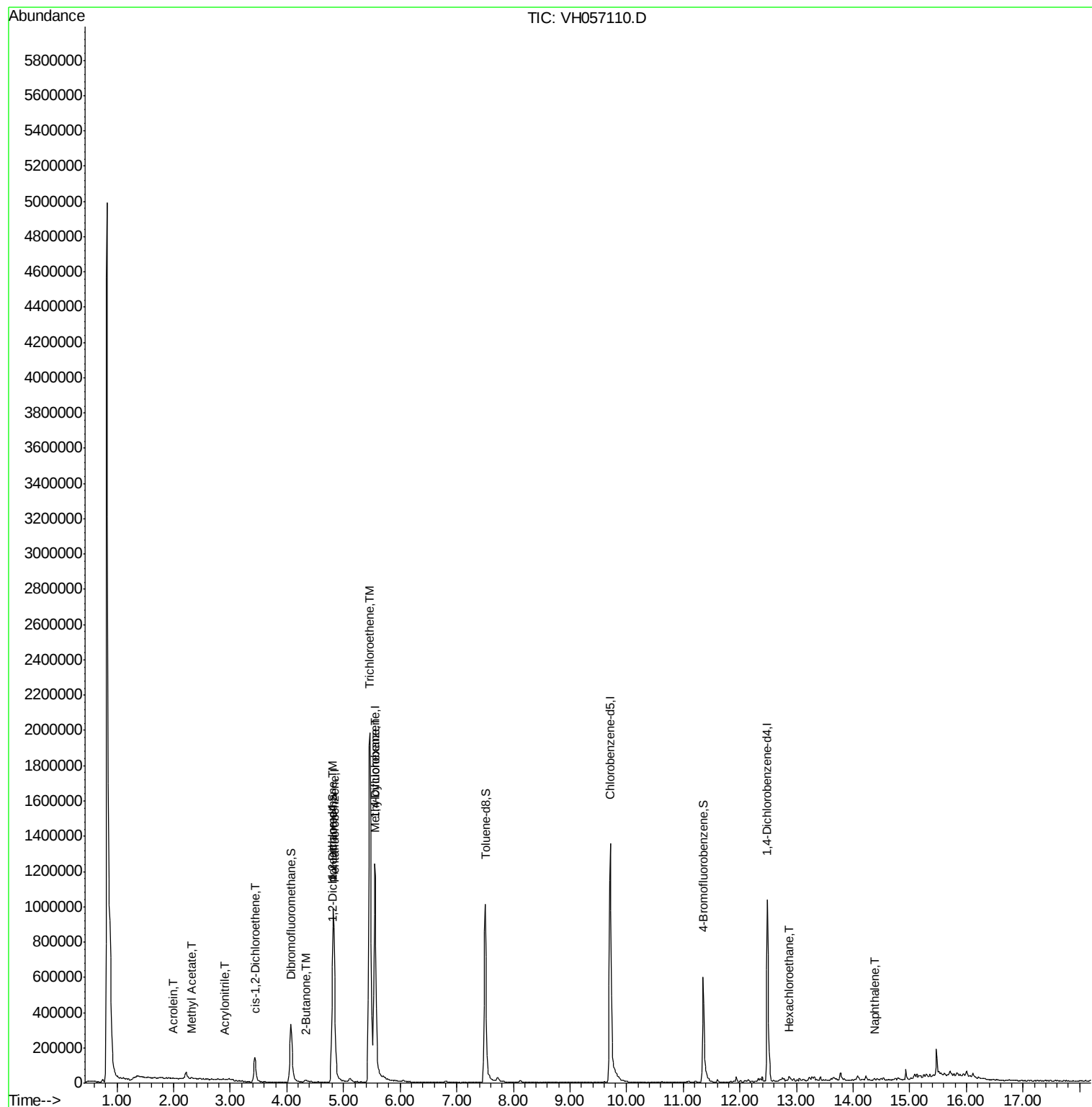
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.25	94	2333	Below Cal	#	1
6) Chloroethane	1.38	64	296	Below Cal	#	1
13) Acrolein	1.99	56	1225	0.73	ug/l #	70
15) Acrylonitrile	2.91	53	1391	0.27	ug/l #	10
17) Acetone	2.22	43	52884	Below Cal	#	86
19) Methyl Acetate	2.32	43	12070	0.30	ug/l #	81
25) 2-Butanone	4.33	43	23716	1.63	ug/l	96
27) cis-1,2-Dichloroethene	3.43	96	89207	7.16	ug/l	97
41) 1,2-Dichloroethane	4.81	62	3695	0.21	ug/l #	1
43) Trichloroethene	5.47	130	1055140	106.36	ug/l	95
44) Methylcyclohexane	5.56	83	8444	0.89	ug/l	28
90) Hexachloroethane	12.86	117	1318	0.40	ug/l #	29
95) Naphthalene	14.38	128	4013	5.27	ug/l #	74

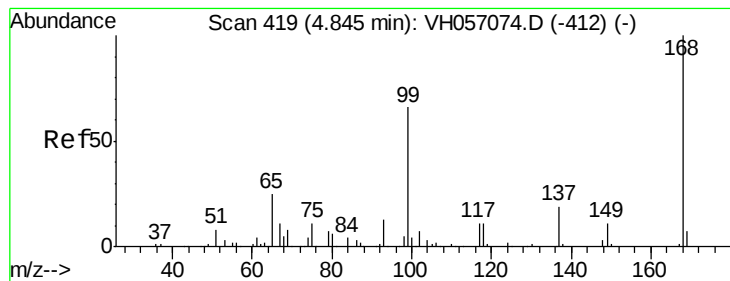
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057110.D
Acq On : 22 Sep 2015 18:22
Operator : SY/FY
Sample : G3767-13ME
Misc : 4.98g/10mL//100uL/5mL/MSVOA_H/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS11-3

Quant Time: Sep 23 04:38:56 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.83 min Scan# 419

Delta R.T. -0.01 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

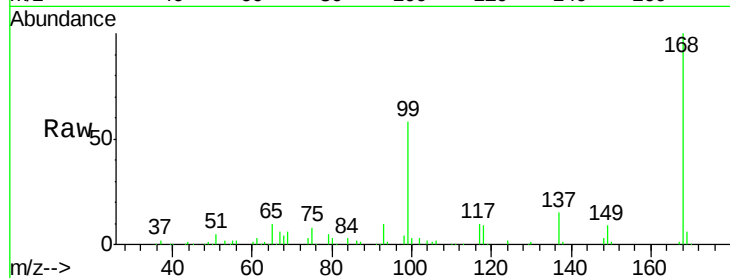
ERD45-CS11-3

Tgt Ion: 168 Resp: 879134

Ion Ratio Lower Upper

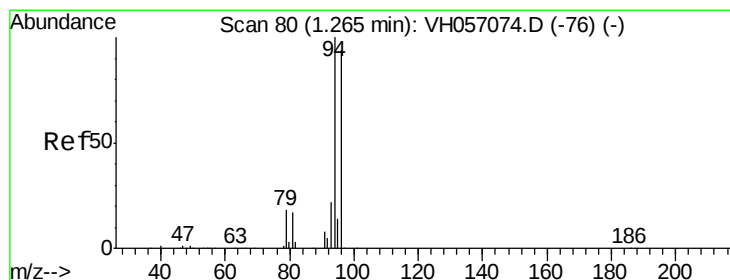
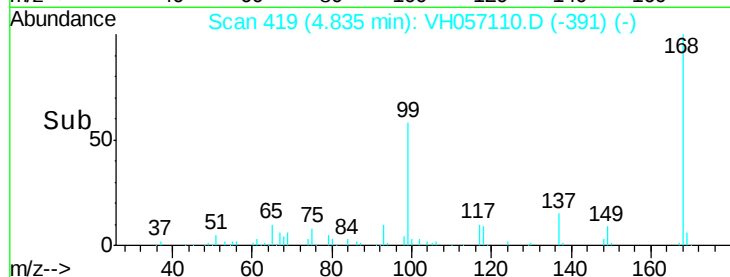
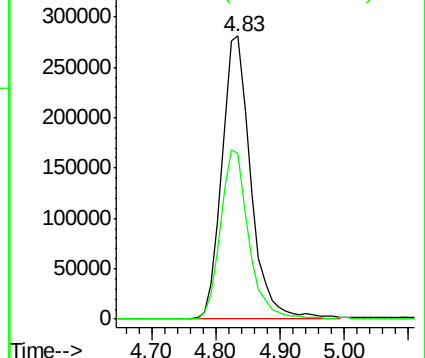
168 100

99 58.3 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: 1.25 min Scan# 79

Delta R.T. -0.01 min

Lab File: VH057110.D

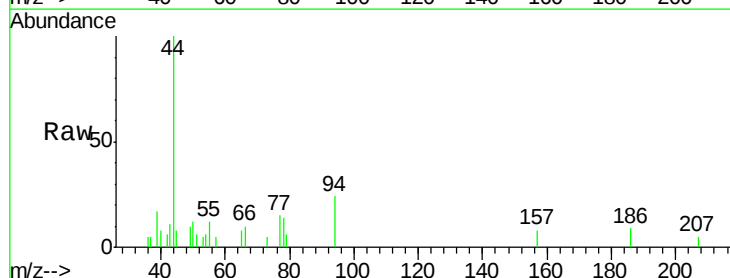
Acq: 22 Sep 2015 18:22

Tgt Ion: 94 Resp: 2333

Ion Ratio Lower Upper

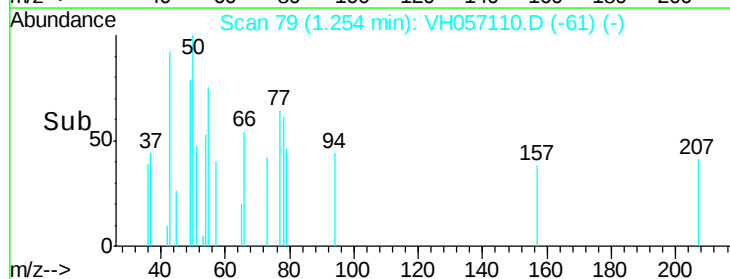
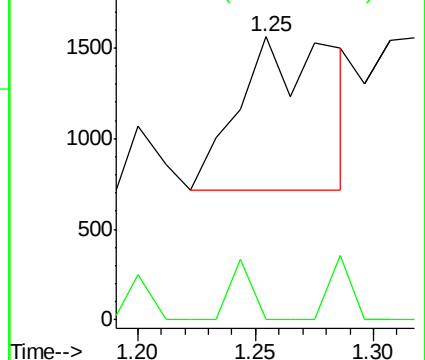
94 100

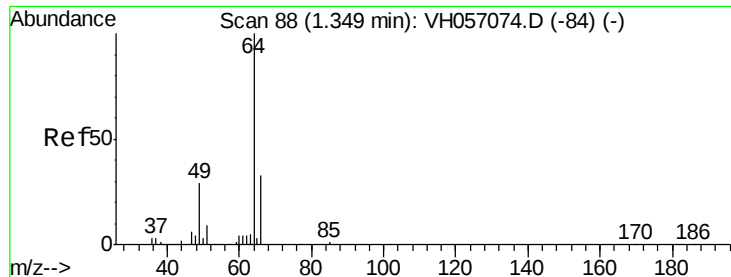
96 0.0 78.5 117.7#



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: 1.38 min Scan# 91

Delta R.T. 0.03 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

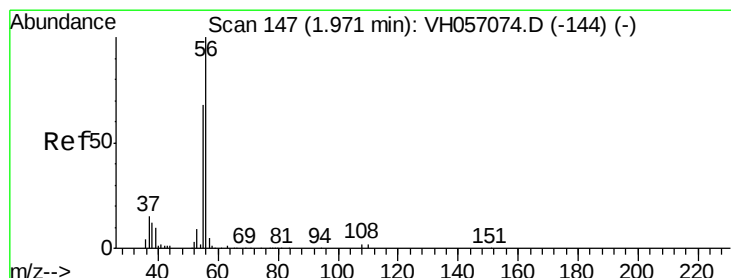
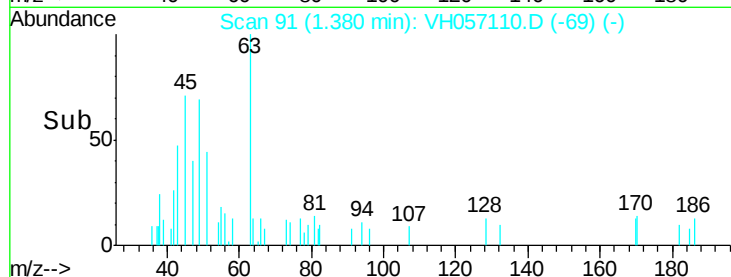
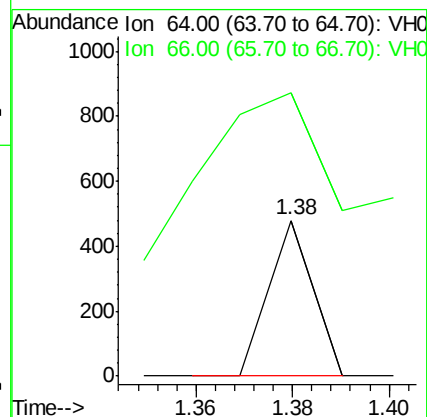
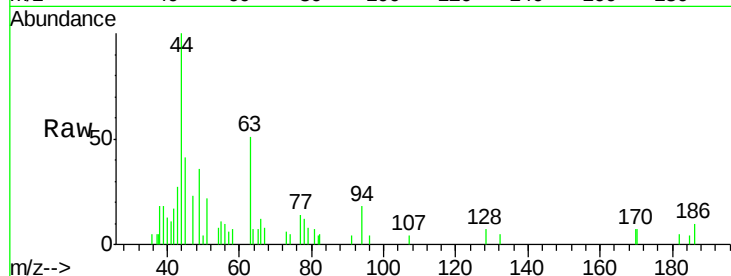
ERD45-CS11-3

Tgt Ion: 64 Resp: 296

Ion Ratio Lower Upper

64 100

66 182.0 25.2 37.8#



#13

Acrolein

Concen: 0.73 ug/l

RT: 1.99 min Scan# 149

Delta R.T. 0.02 min

Lab File: VH057110.D

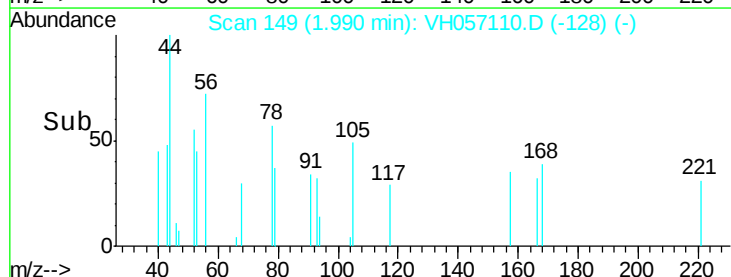
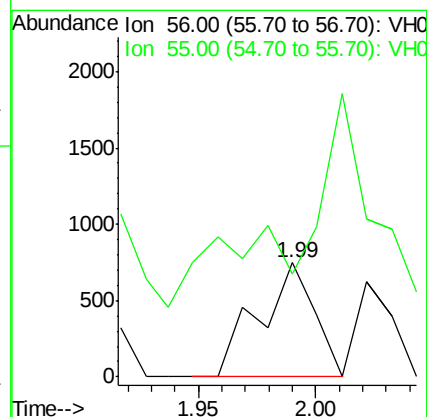
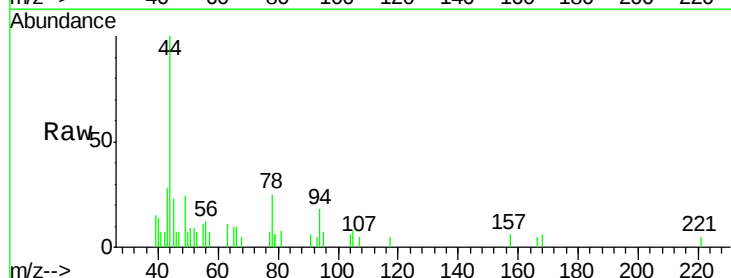
Acq: 22 Sep 2015 18:22

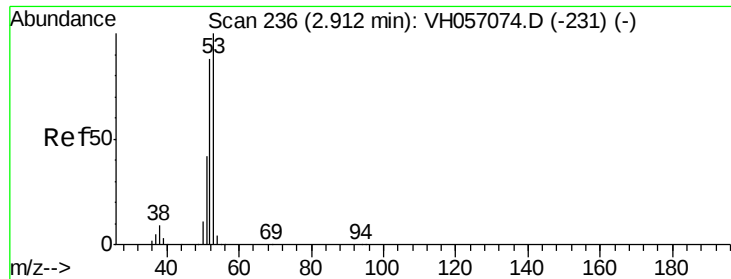
Tgt Ion: 56 Resp: 1225

Ion Ratio Lower Upper

56 100

55 90.2 52.9 79.3#





#15

Acrylonitrile

Concen: 0.27 ug/l

RT: 2.91 min Scan# 236

Delta R.T. -0.01 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampled :

ERD45-CS11-3

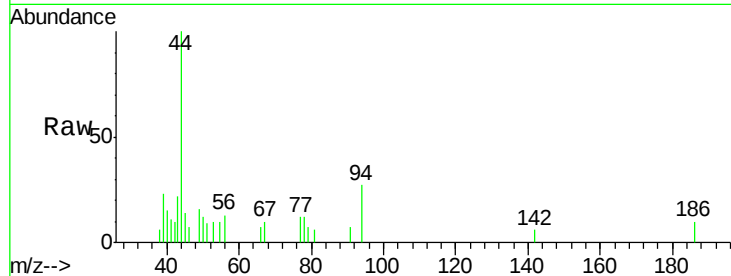
Tgt Ion: 53 Resp: 1391

Ion Ratio Lower Upper

53 100

52 0.0 67.6 101.4#

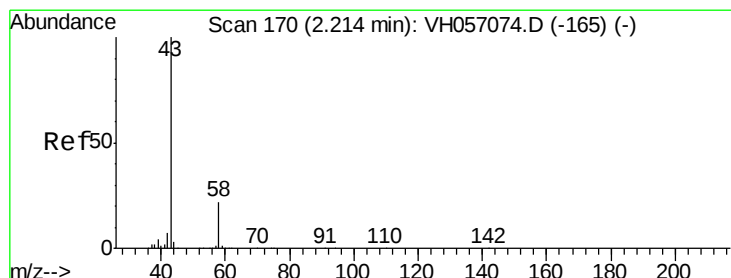
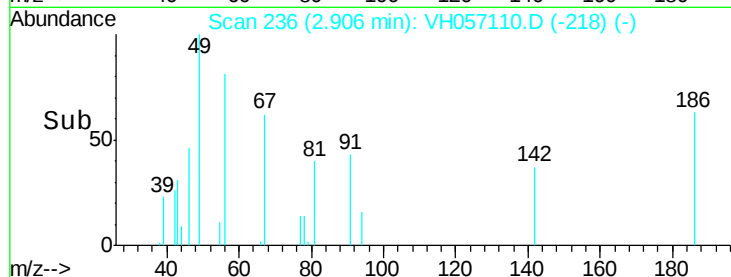
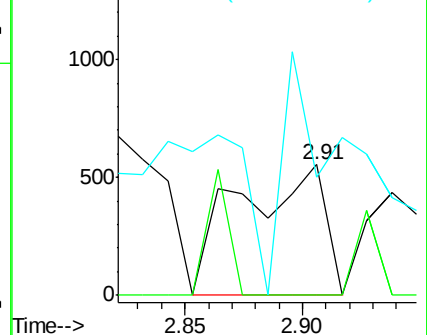
51 90.4 31.8 47.6#



Abundance Ion 53.00 (52.70 to 53.70): VH0

Ion 52.00 (51.70 to 52.70): VH0

Ion 51.00 (50.70 to 51.70): VH0



#17

Acetone

Concen: Below Cal

RT: 2.22 min Scan# 171

Delta R.T. 0.01 min

Lab File: VH057110.D

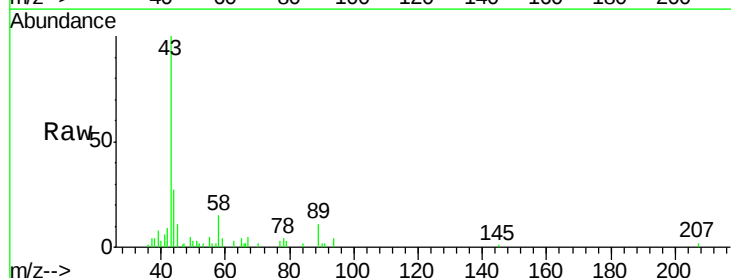
Acq: 22 Sep 2015 18:22

Tgt Ion: 43 Resp: 52884

Ion Ratio Lower Upper

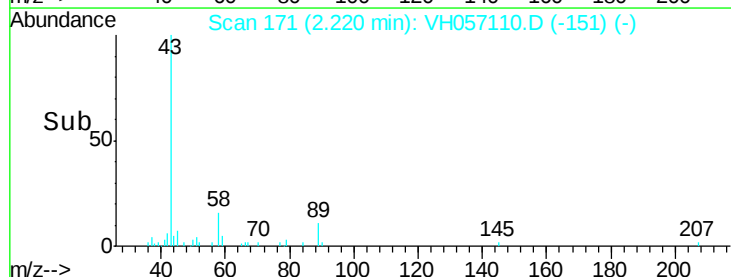
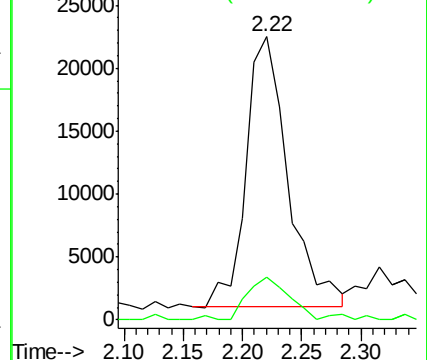
43 100

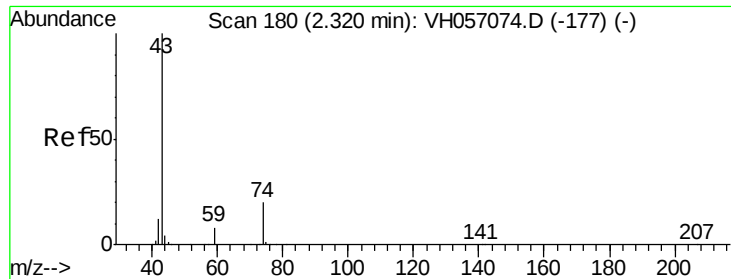
58 15.2 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0

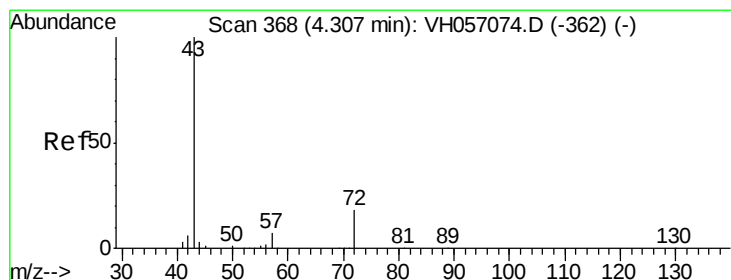
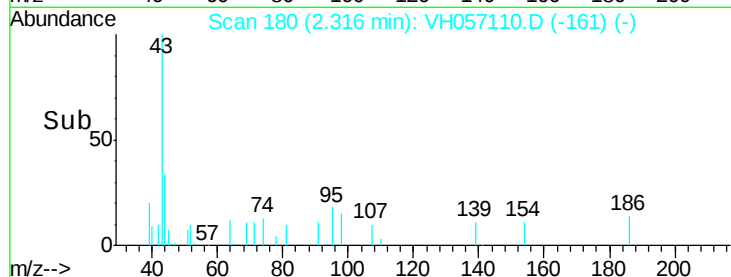
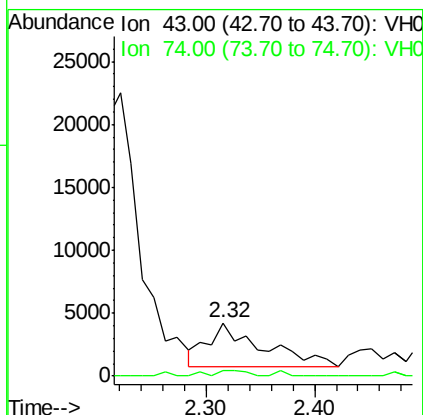
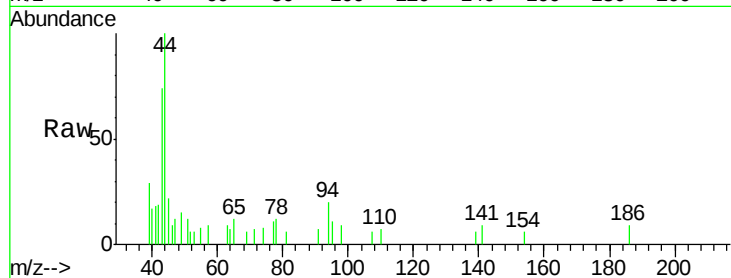




#19
Methyl Acetate
Concen: 0.30 ug/l
RT: 2.32 min Scan# 180
Delta R.T. -0.00 min
Lab File: VH057110.D
Acq: 22 Sep 2015 18:22

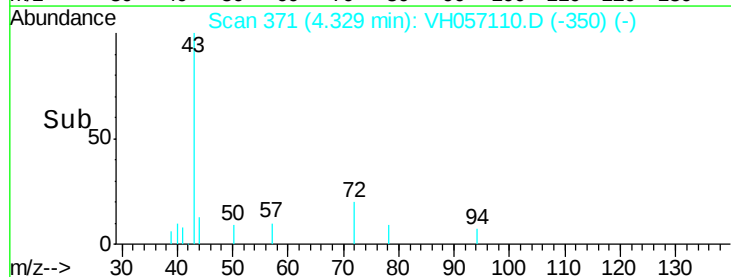
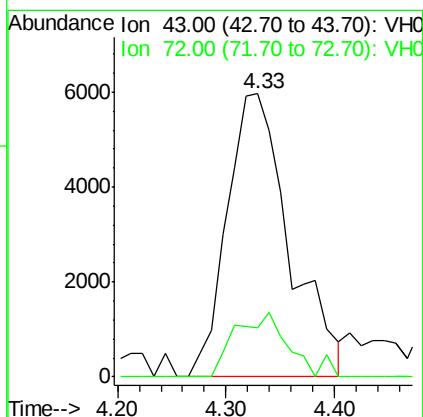
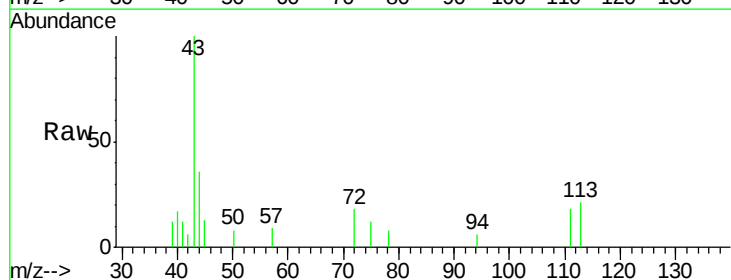
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS11-3

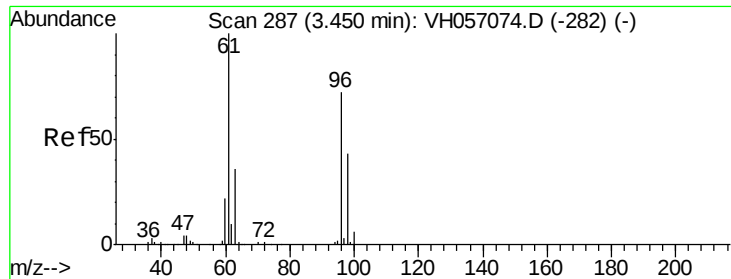
Tgt Ion: 43 Resp: 12070
Ion Ratio Lower Upper
43 100
74 10.5 13.3 24.7#



#25
2-Butanone
Concen: 1.63 ug/l
RT: 4.33 min Scan# 371
Delta R.T. 0.02 min
Lab File: VH057110.D
Acq: 22 Sep 2015 18:22

Tgt Ion: 43 Resp: 23716
Ion Ratio Lower Upper
43 100
72 17.6 0.0 39.2





#27

cis-1,2-Dichloroethene

Concen: 7.16 ug/l

RT: 3.43 min Scan# 286

Delta R.T. -0.02 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS11-3

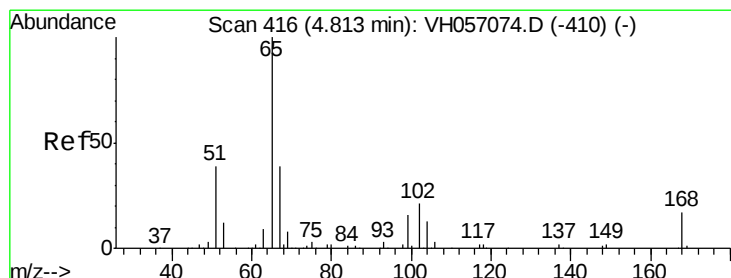
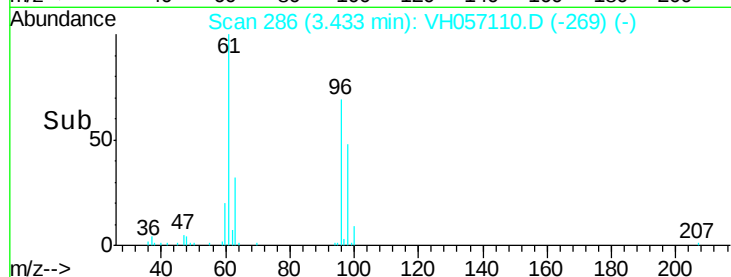
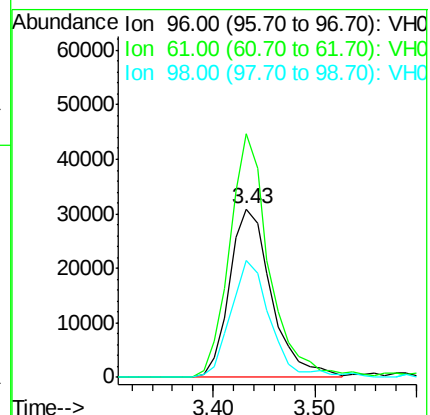
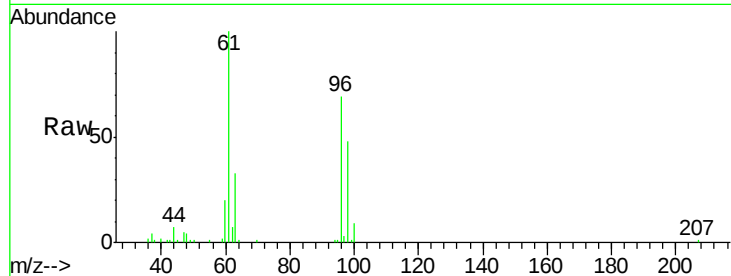
Tgt Ion: 96 Resp: 89207

Ion Ratio Lower Upper

96 100

61 144.8 115.4 173.0

98 69.4 49.7 74.5



#33

1,2-Dichloroethane-d4

Concen: 22.82 ug/l

RT: 4.80 min Scan# 416

Delta R.T. -0.01 min

Lab File: VH057110.D

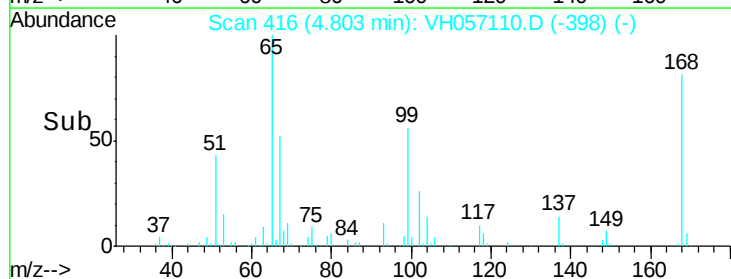
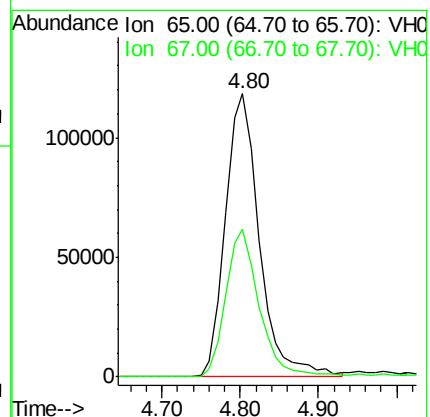
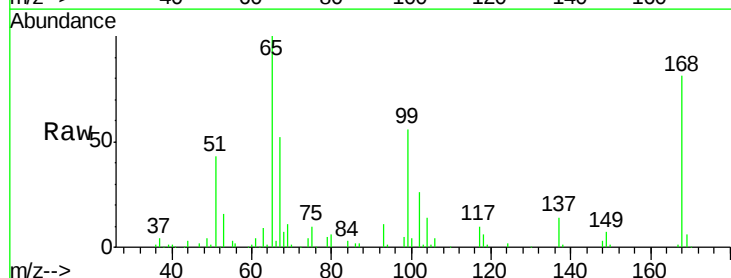
Acq: 22 Sep 2015 18:22

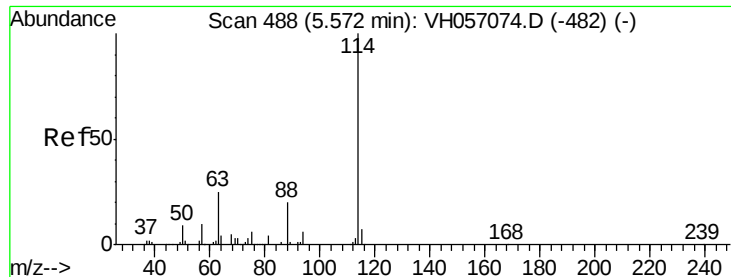
Tgt Ion: 65 Resp: 358332

Ion Ratio Lower Upper

65 100

67 52.1 43.2 64.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.55 min Scan# 487

Delta R.T. -0.02 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS11-3

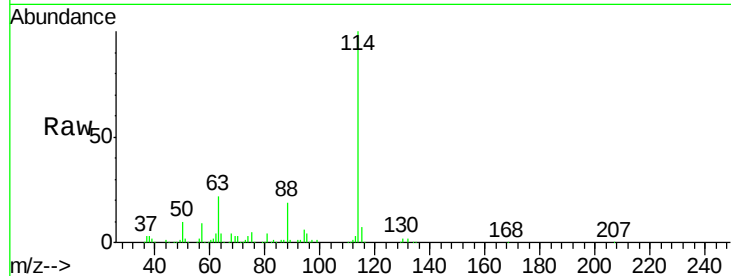
Tgt Ion:114 Resp: 1491995

Ion Ratio Lower Upper

114 100

63 21.7 19.0 28.4

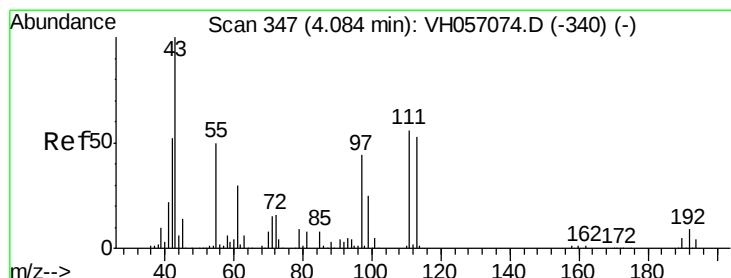
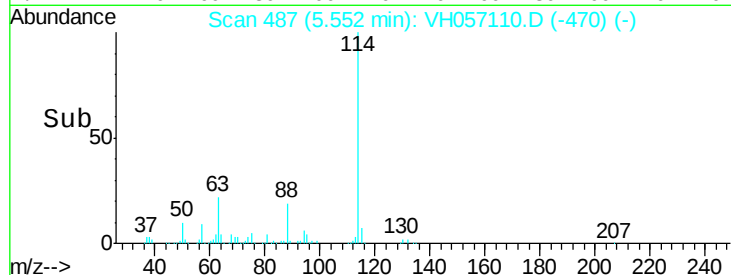
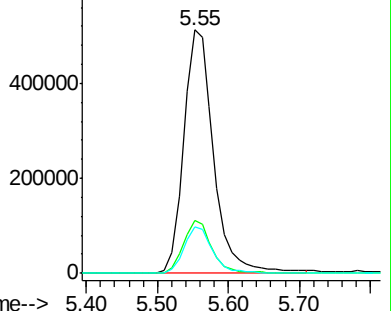
88 19.0 15.7 23.5



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: 27.77 ug/l

RT: 4.08 min Scan# 347

Delta R.T. -0.01 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

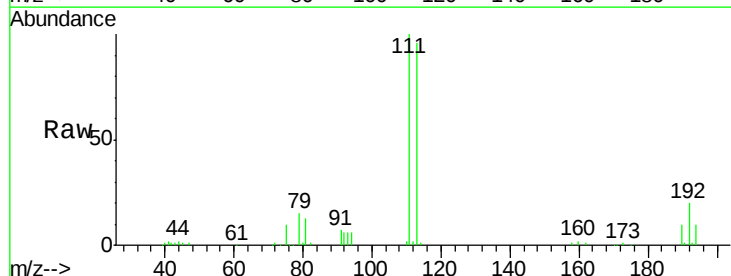
Tgt Ion:113 Resp: 329839

Ion Ratio Lower Upper

113 100

111 104.4 84.0 126.0

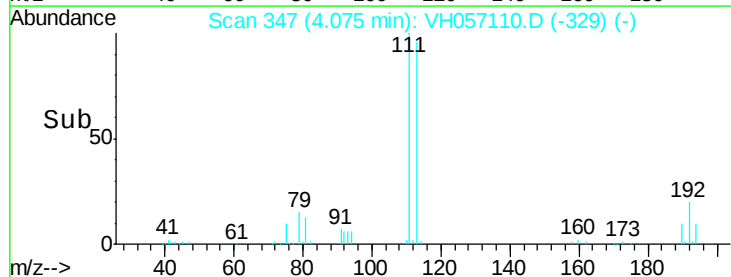
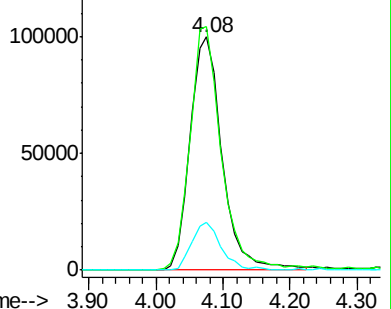
192 20.5 13.6 20.4#

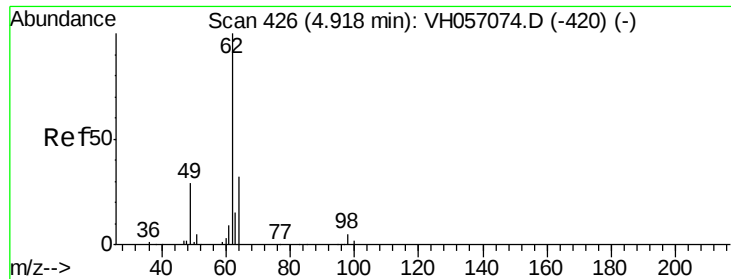


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

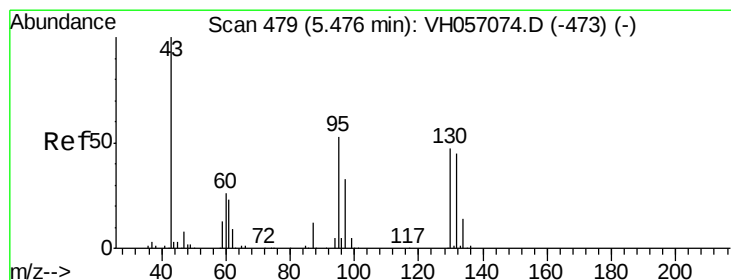
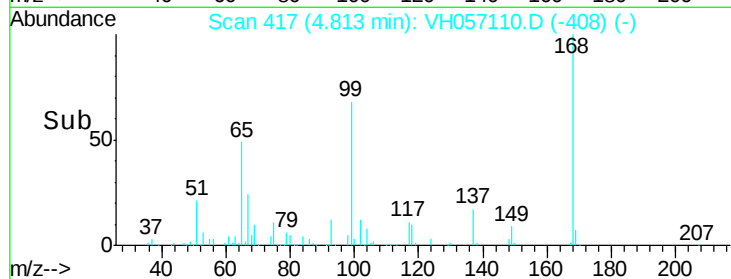
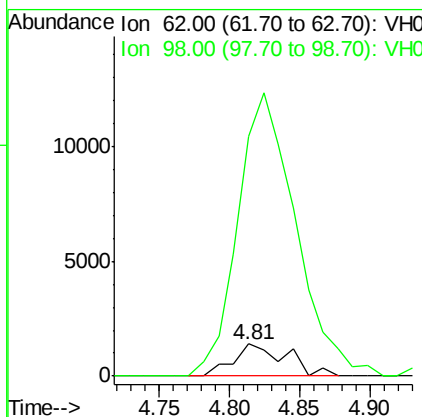
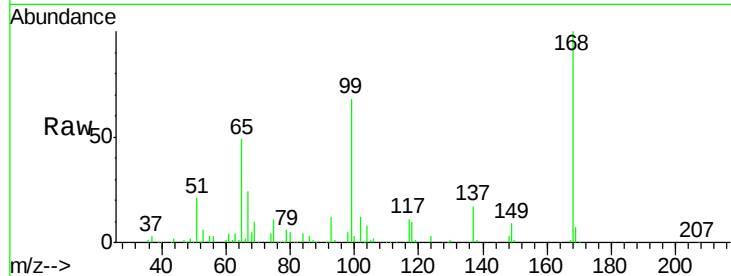




#41
 1,2-Dichloroethane
 Concen: 0.21 ug/l
 RT: 4.81 min Scan# 417
 Delta R.T. -0.10 min
 Lab File: VH057110.D
 Acq: 22 Sep 2015 18:22

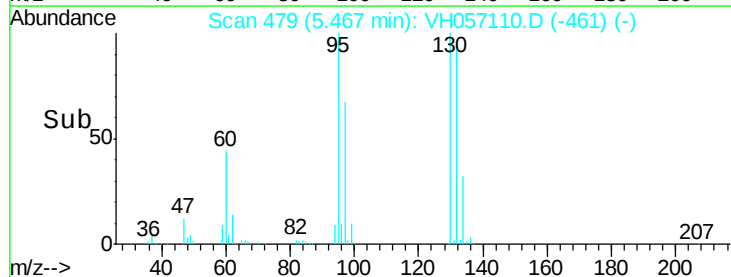
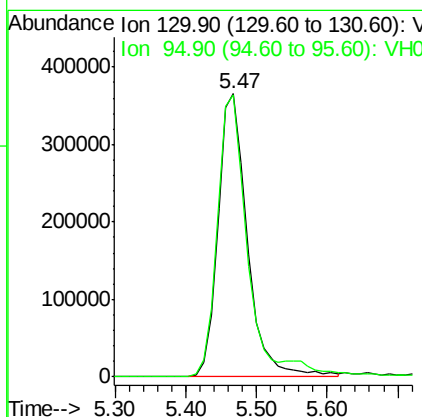
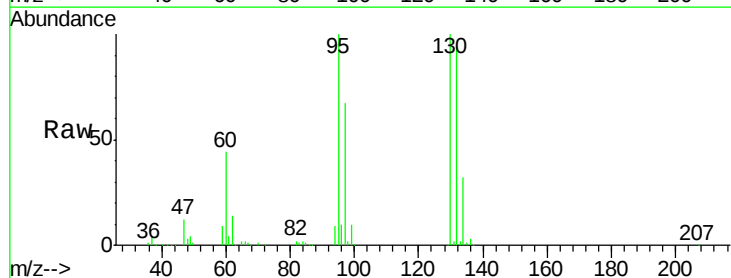
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS11-3

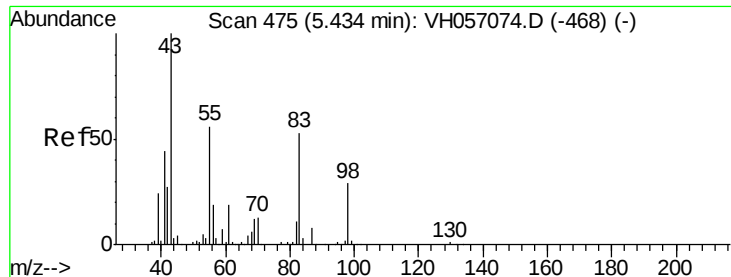
Tgt Ion: 62 Resp: 3695
 Ion Ratio Lower Upper
 62 100
 98 737.8 7.3 10.9#



#43
 Trichloroethene
 Concen: 106.36 ug/l
 RT: 5.47 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: VH057110.D
 Acq: 22 Sep 2015 18:22

Tgt Ion: 130 Resp: 1055140
 Ion Ratio Lower Upper
 130 100
 95 99.7 84.0 126.0





#44

Methylcyclohexane

Concen: 0.89 ug/l

RT: 5.56 min Scan# 488

Delta R.T. 0.13 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampled :

ERD45-CS11-3

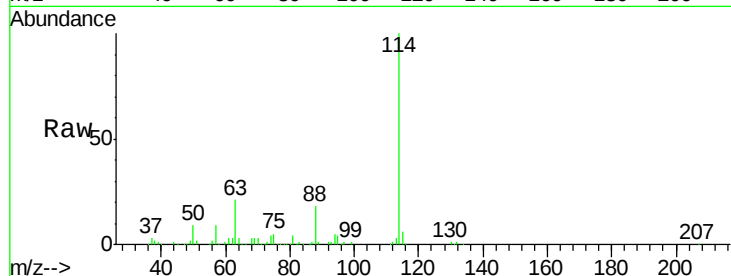
Tgt Ion: 83 Resp: 8444

Ion Ratio Lower Upper

83 100

55 31.4 0.0 207.2

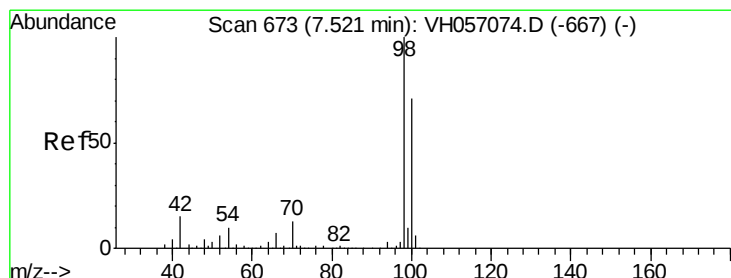
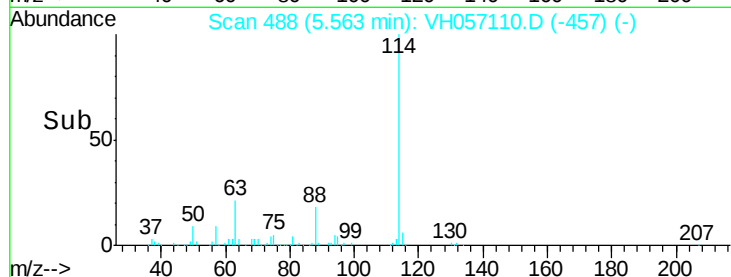
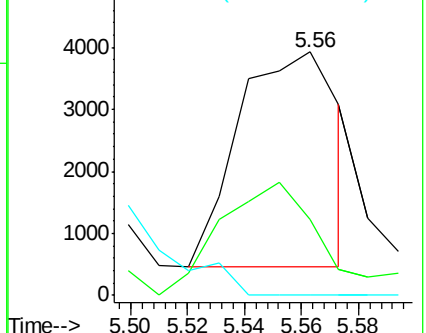
98 0.0 0.0 108.4



Abundance Ion 83.00 (82.70 to 83.70): VH057110.D (-488) (-)

Ion 55.00 (54.70 to 55.70): VH057110.D (-488) (-)

Ion 98.00 (97.70 to 98.70): VH057110.D (-488) (-)



#48

Toluene-d8

Concen: 26.19 ug/l

RT: 7.50 min Scan# 673

Delta R.T. -0.02 min

Lab File: VH057110.D

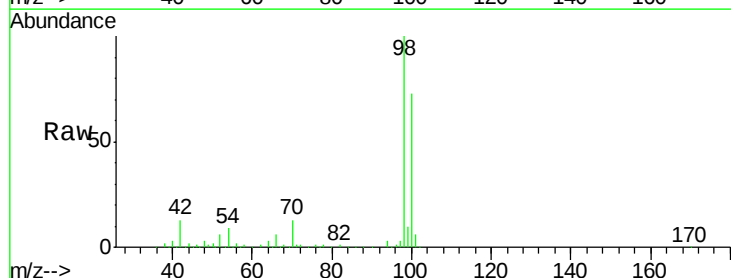
Acq: 22 Sep 2015 18:22

Tgt Ion: 98 Resp: 894667

Ion Ratio Lower Upper

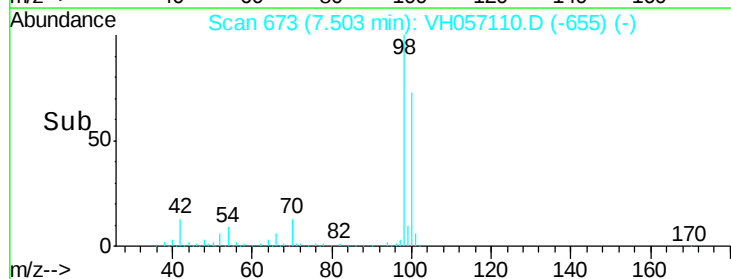
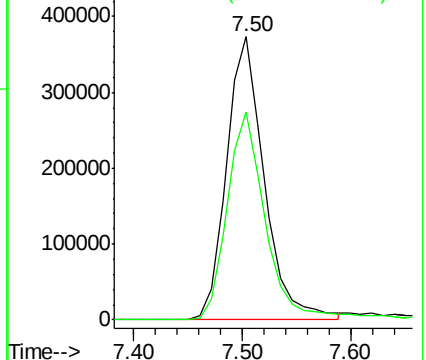
98 100

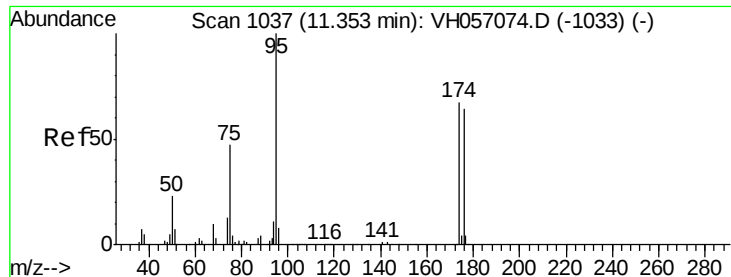
100 73.2 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH057110.D (-673) (-)

Ion 100.00 (99.70 to 100.70): VH057110.D (-673) (-)





#62

4-Bromofluorobenzene

Concen: 27.02 ug/l

RT: 11.35 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS11-3

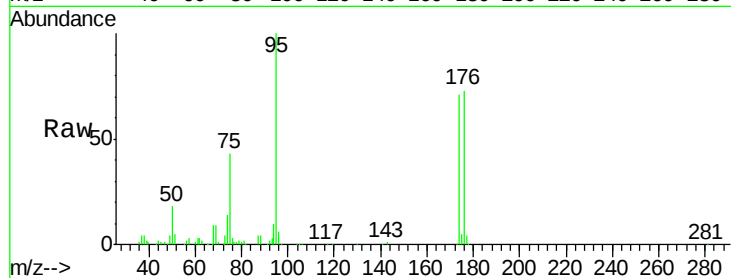
Tgt Ion: 95 Resp: 311201

Ion Ratio Lower Upper

95 100

174 71.1 58.4 87.6

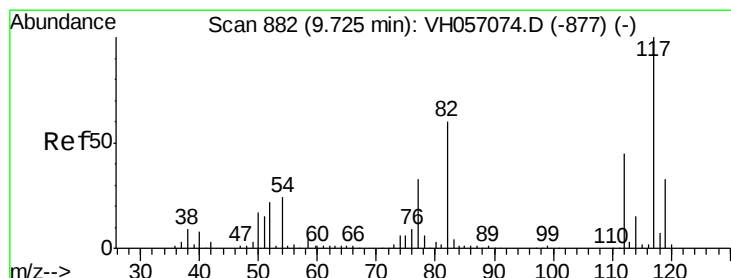
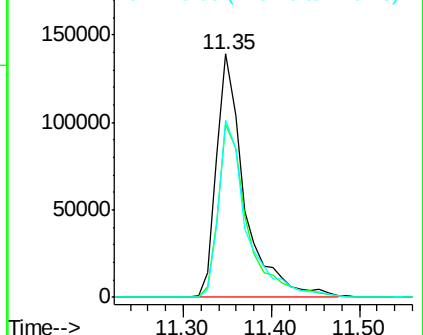
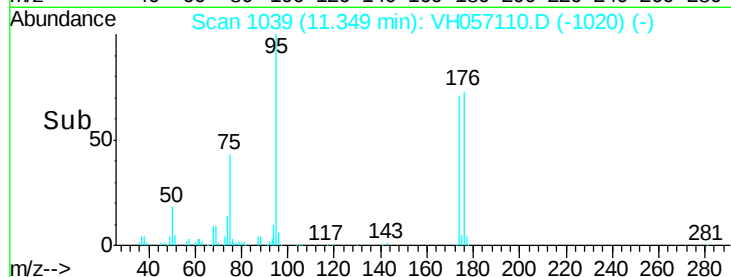
176 72.8 54.3 81.5



Abundance Ion 95.00 (94.70 to 95.70): VH057110.D (-1020) (-)

Ion 174.00 (173.70 to 174.70): VH057110.D (-1020) (-)

Ion 176.00 (175.70 to 176.70): VH057110.D (-1020) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.71 min Scan# 883

Delta R.T. -0.02 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

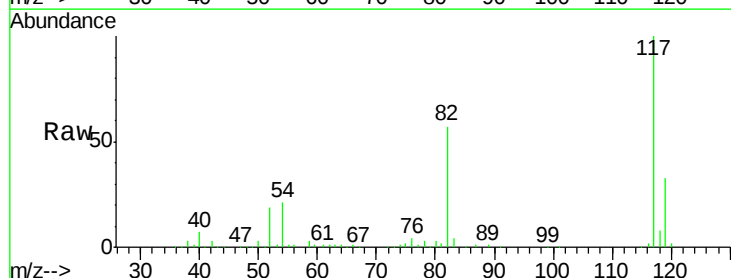
Tgt Ion: 117 Resp: 1203388

Ion Ratio Lower Upper

117 100

82 57.4 51.0 76.6

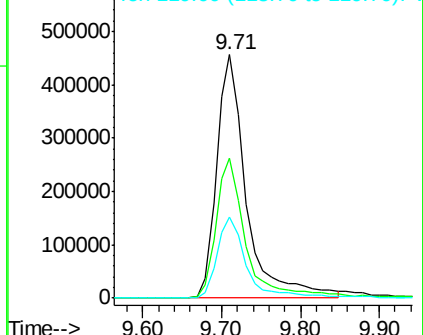
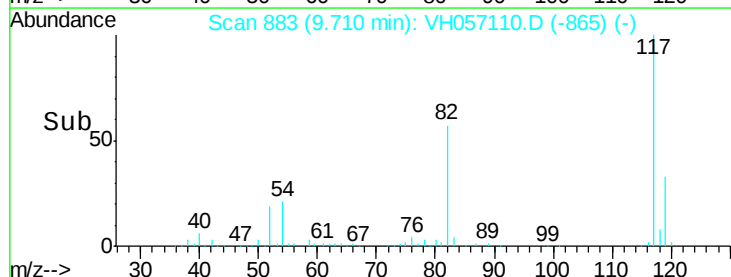
119 33.2 26.7 40.1

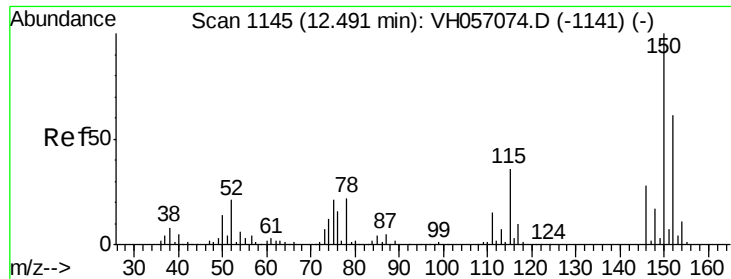


Abundance Ion 117.00 (116.70 to 117.70): VH057110.D (-865) (-)

Ion 82.00 (81.70 to 82.70): VH057110.D (-865) (-)

Ion 119.00 (118.70 to 119.70): VH057110.D (-865) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.48 min Scan# 1147

Delta R.T. -0.01 min

Lab File: VH057110.D

Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS11-3

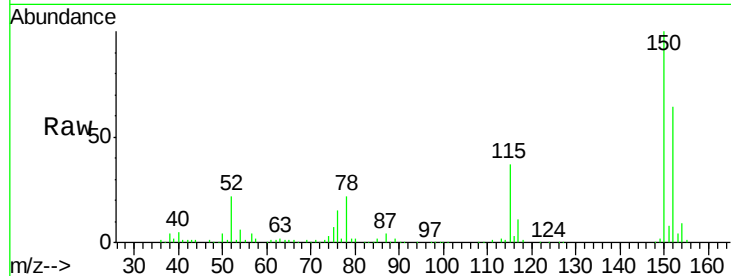
Tgt Ion:152 Resp: 343213

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.6

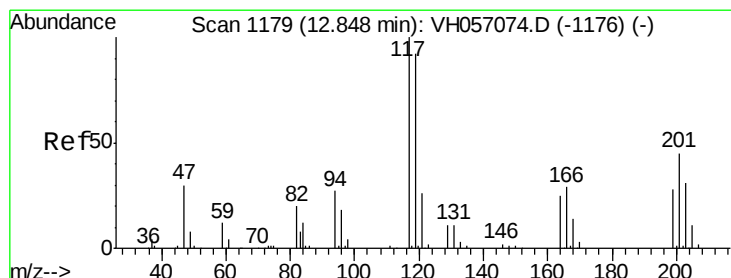
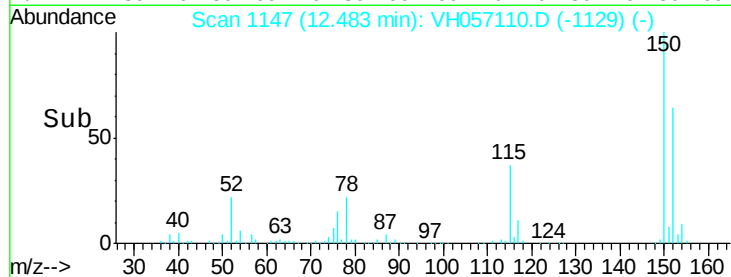
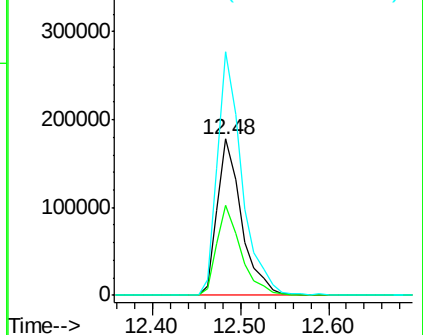
150 155.6 0.0 332.0



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



#90

Hexachloroethane

Concen: 0.40 ug/l

RT: 12.86 min Scan# 1183

Delta R.T. 0.02 min

Lab File: VH057110.D

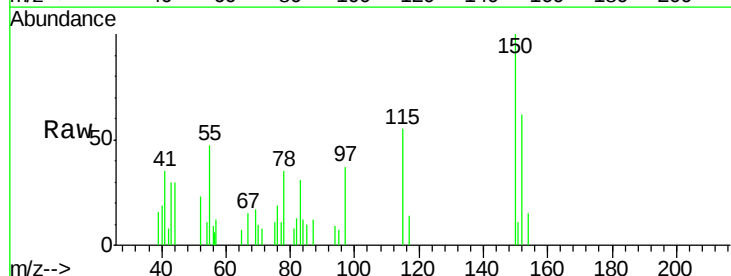
Acq: 22 Sep 2015 18:22

Tgt Ion:117 Resp: 1318

Ion Ratio Lower Upper

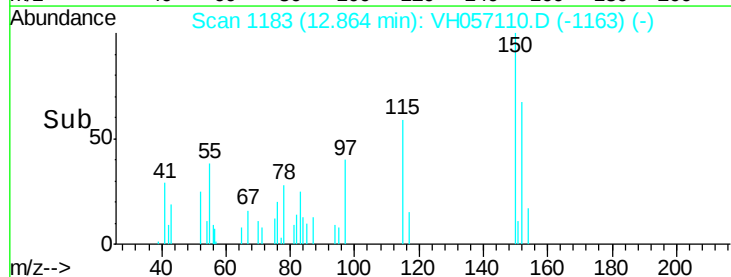
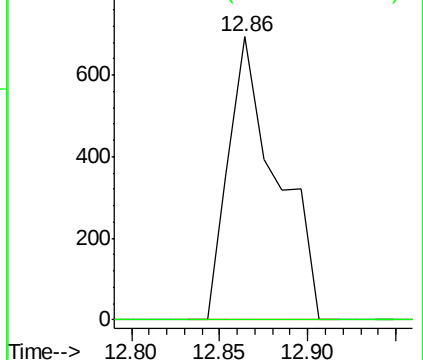
117 100

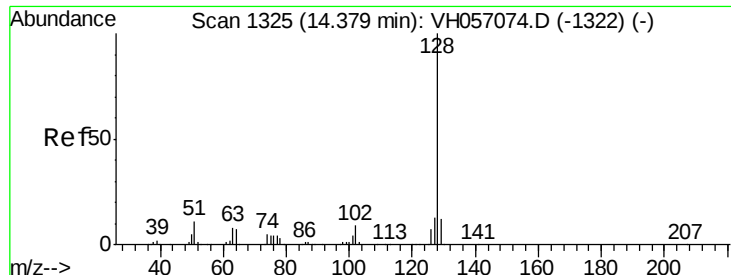
201 0.0 14.0 80.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V





#95

Naphthalene

Concen: 5.27 ug/l

RT: 14.38 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VH057110.D

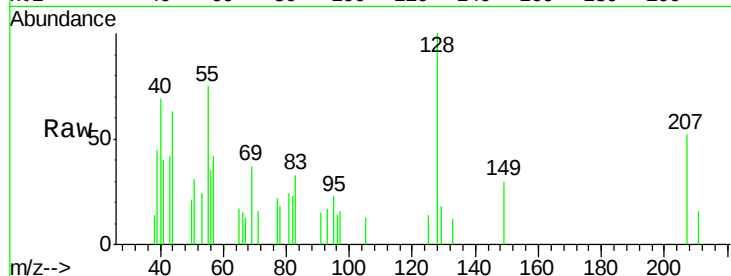
Acq: 22 Sep 2015 18:22

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS11-3



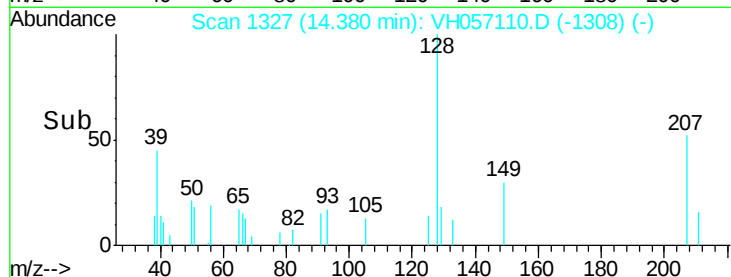
Tgt Ion:128 Resp: 4013

Ion Ratio Lower Upper

128 100

127 0.0 9.6 14.4#

129 18.4 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

