

Data Path : W:\HPCHEM1\MSVOA_H\DATA\XH092215\
 Data File : XH057113.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 04:39:34 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		R.T.	QIon	Response	Conc	Units	Dev(Min)
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%	

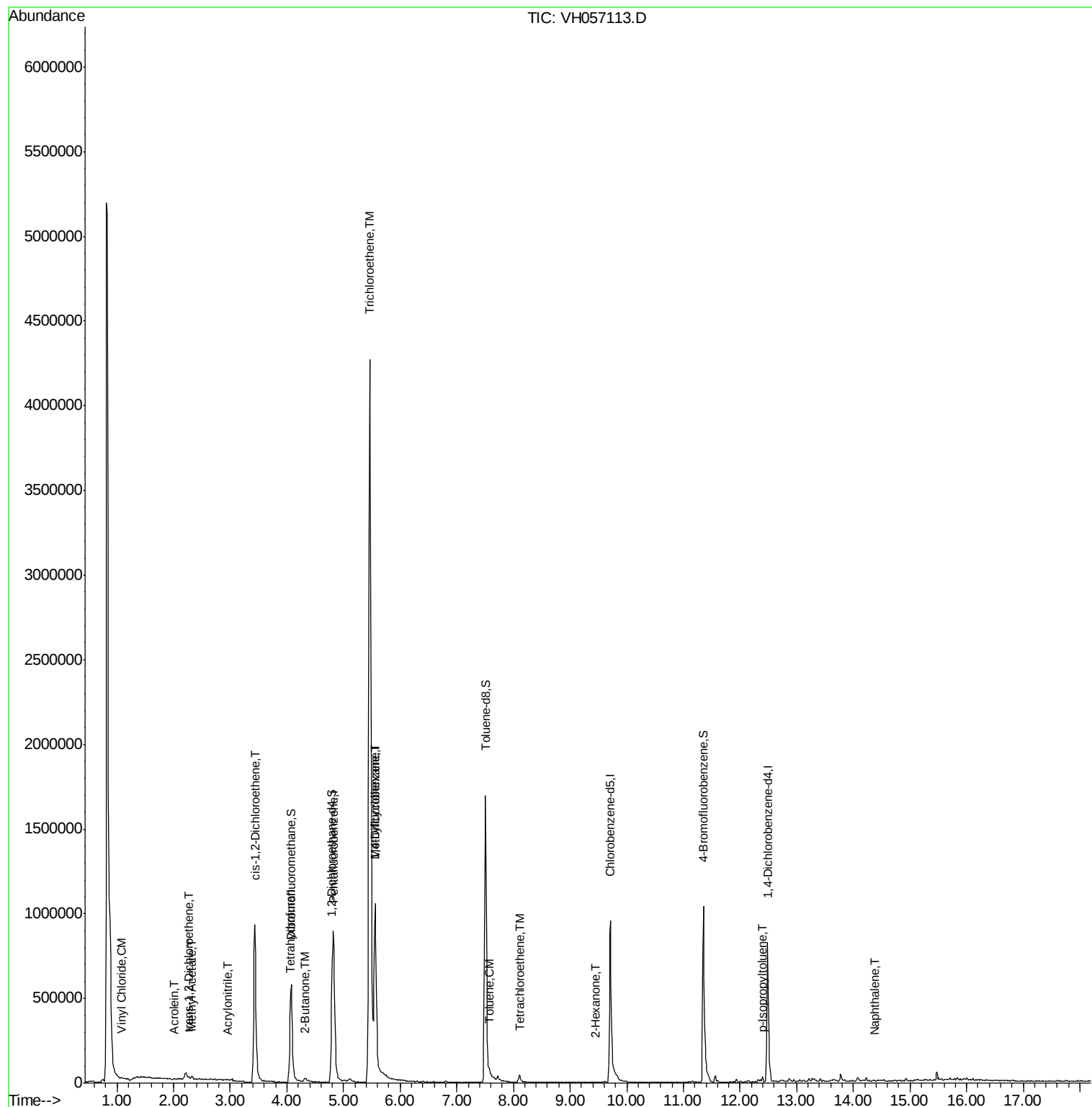
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.08	62	1946	0.24	ug/l	# 81
5) Bromomethane	1.30	94	2135	Below	Cal	# 1
13) Acrolein	2.01	56	952	0.80	ug/l	84
15) Acrylonitrile	2.95	53	1409	0.39	ug/l	# 23
17) Acetone	2.22	43	48989	Below	Cal	93
19) Methyl Acetate	2.32	43	23975	0.83	ug/l	94
22) trans-1,2-Dichloroethene	2.27	96	3237	0.51	ug/l	# 81
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
31) Tetrahydrofuran	4.05	42	4514	0.78	ug/l	# 43
43) Trichloroethene	5.46	130	2267506	300.06	ug/l	97
44) Methylcyclohexane	5.56	83	7359	1.02	ug/l	23
50) Toluene	7.57	92	14424	0.76	ug/l	99
59) 2-Hexanone	9.44	43	2964	0.20	ug/l	# 59
64) Tetrachloroethene	8.11	164	13111	2.65	ug/l	86
86) p-Isopropyltoluene	12.39	119	12342	1.02	ug/l	89
95) Naphthalene	14.38	128	2512	5.19	ug/l	# 70

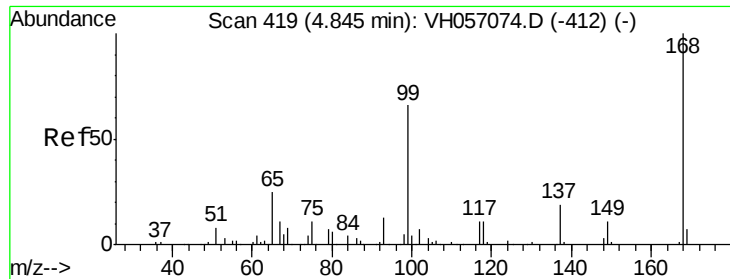
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH092215\
Data File : VH057113.D
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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

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

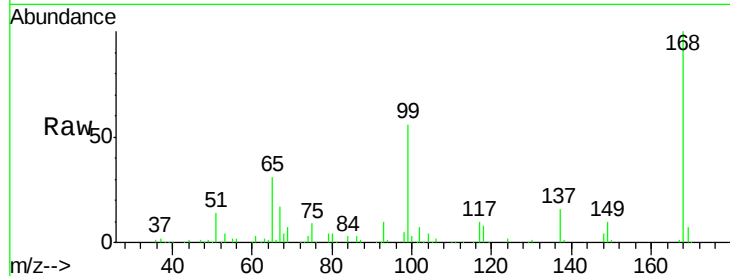
ERD45-CS1-3

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): VH0

250000

200000

150000

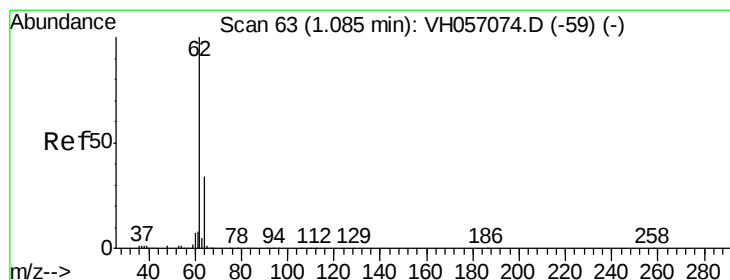
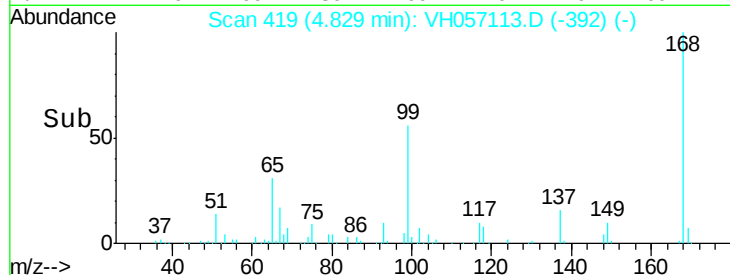
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#4

Vinyl Chloride

Concen: 0.24 ug/l

RT: 1.08 min Scan# 62

Delta R.T. -0.01 min

Lab File: VH057113.D

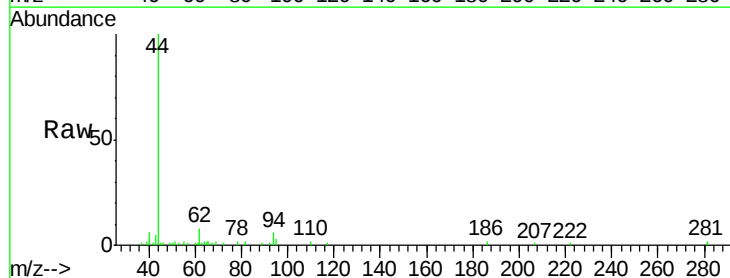
Acq: 22 Sep 2015 19:44

Tgt Ion: 62 Resp: 1946

Ion Ratio Lower Upper

62 100

64 22.7 26.6 40.0#



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0

1500

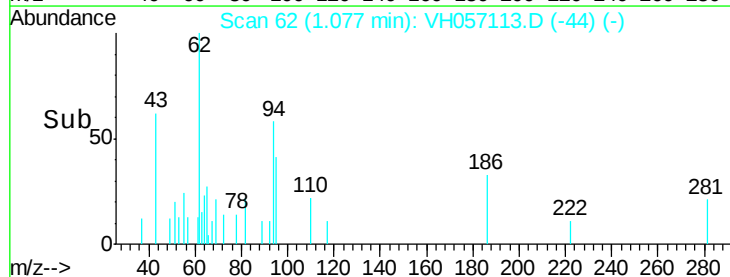
1000

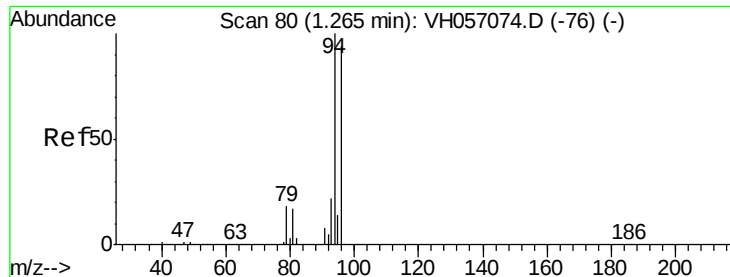
500

0

1.05 1.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.30 min Scan# 83

Delta R.T. 0.03 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

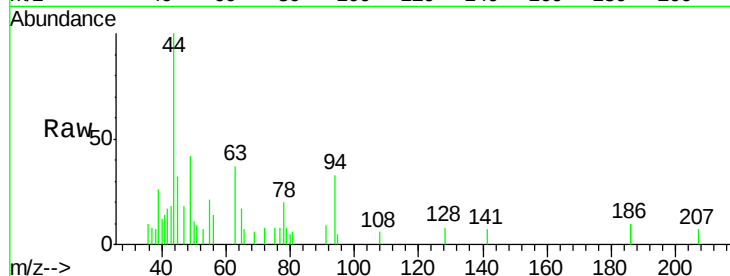
ERD45-CS1-3

Tgt Ion: 94 Resp: 2135

Ion Ratio Lower Upper

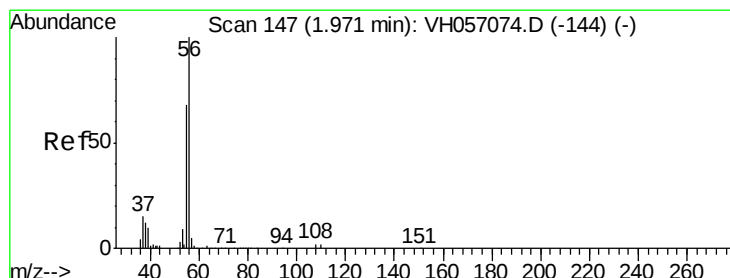
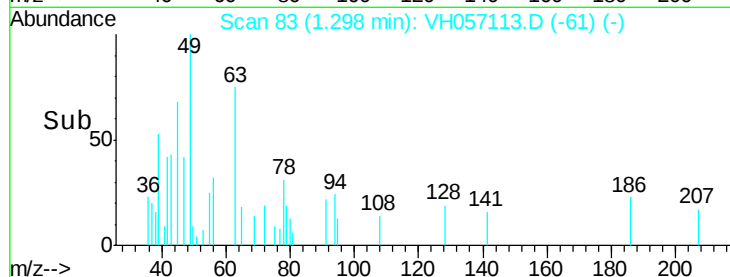
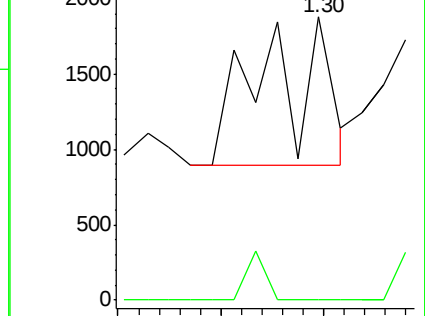
94 100

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



#13

Acrolein

Concen: 0.80 ug/l

RT: 2.01 min Scan# 151

Delta R.T. 0.04 min

Lab File: VH057113.D

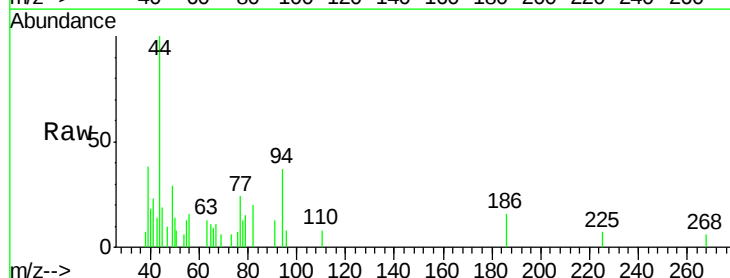
Acq: 22 Sep 2015 19:44

Tgt Ion: 56 Resp: 952

Ion Ratio Lower Upper

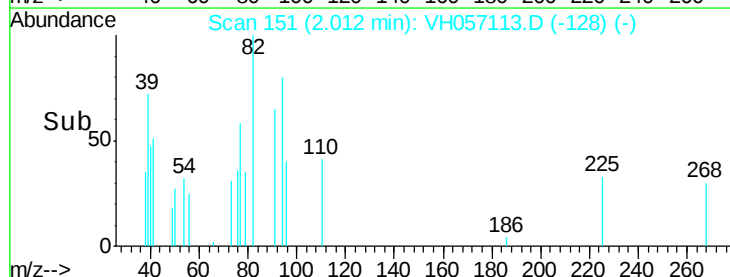
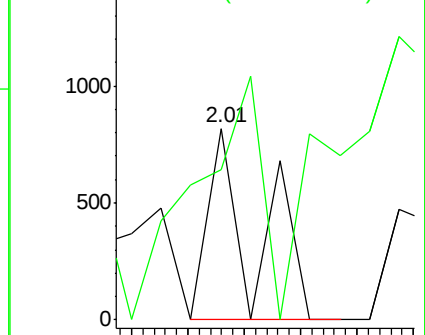
56 100

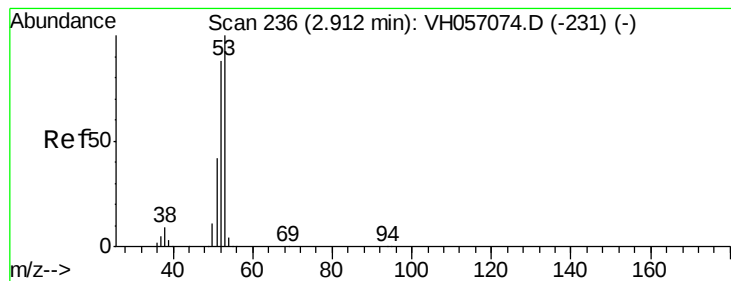
55 78.7 52.9 79.3



Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0





#15

Acrylonitrile

Concen: 0.39 ug/l

RT: 2.95 min Scan# 240

Delta R.T. 0.04 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampled :

ERD45-CS1-3

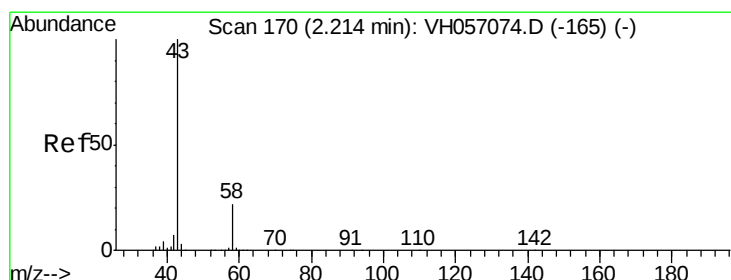
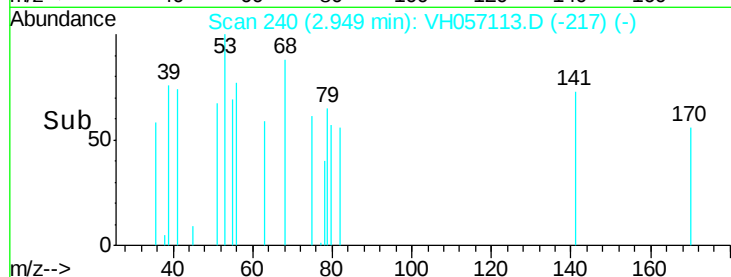
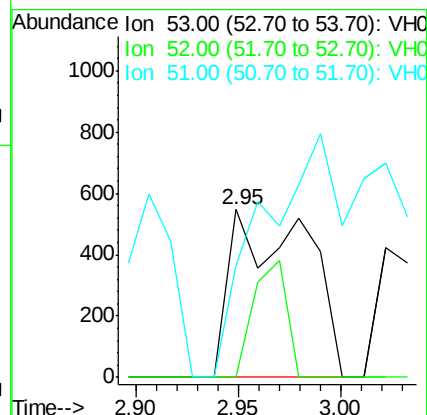
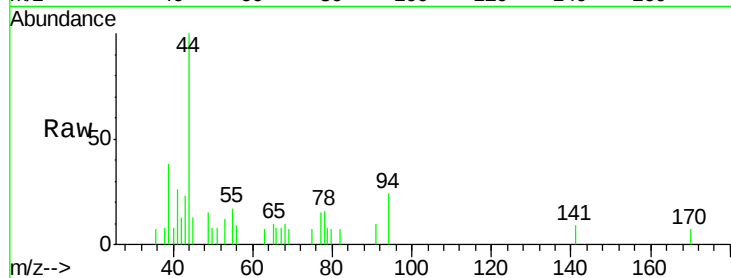
Tgt Ion: 53 Resp: 1409

Ion Ratio Lower Upper

53 100

52 0.0 67.6 101.4#

51 66.7 31.8 47.6#



#17

Acetone

Concen: Below Cal

RT: 2.22 min Scan# 171

Delta R.T. 0.01 min

Lab File: VH057113.D

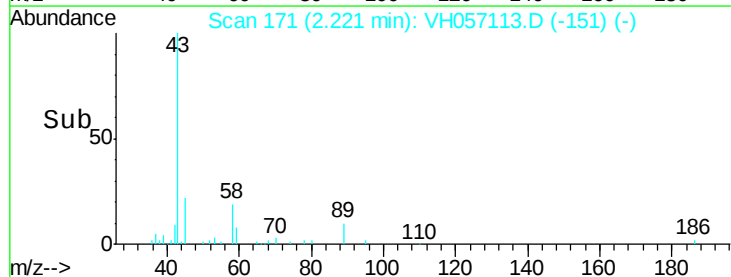
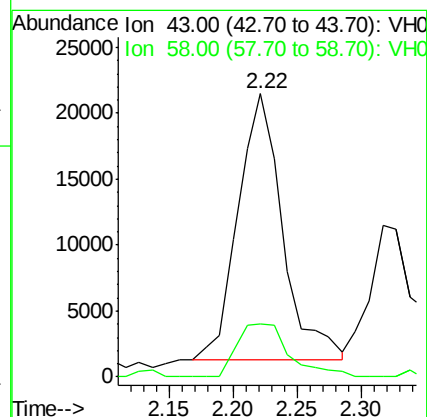
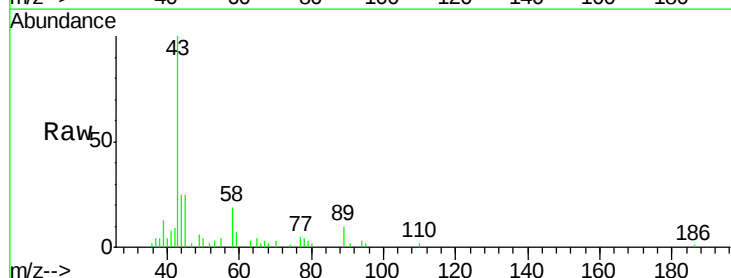
Acq: 22 Sep 2015 19:44

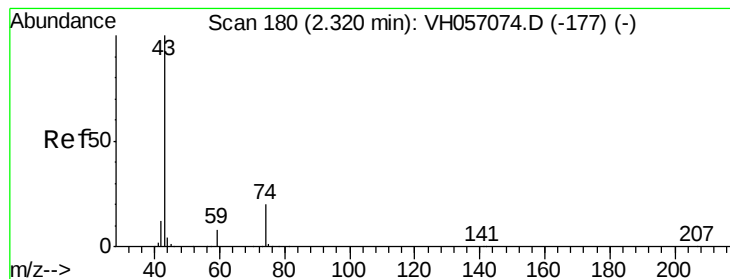
Tgt Ion: 43 Resp: 48989

Ion Ratio Lower Upper

43 100

58 18.8 17.7 26.5





#19

Methyl Acetate

Concen: 0.83 ug/l

RT: 2.32 min Scan# 180

Delta R.T. -0.00 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

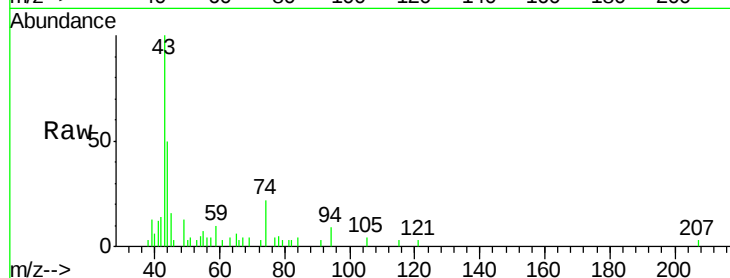
ERD45-CS1-3

Tgt Ion: 43 Resp: 23975

Ion Ratio Lower Upper

43 100

74 21.6 13.3 24.7



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 74.00 (73.70 to 74.70): VH0

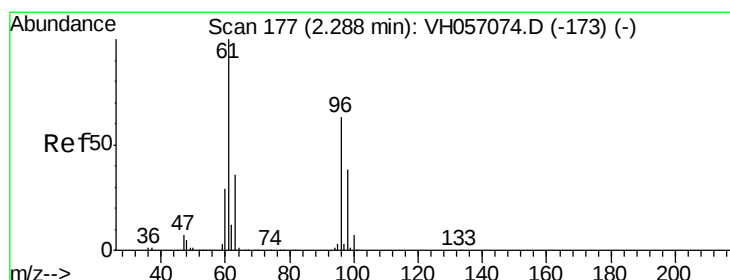
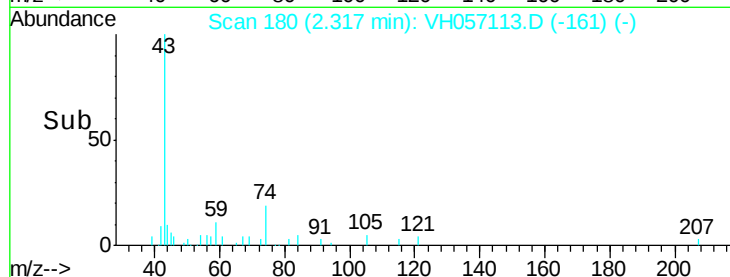
2.32

10000

5000

0

Time--> 2.25 2.30 2.35 2.40



#22

trans-1,2-Dichloroethene

Concen: 0.51 ug/l

RT: 2.27 min Scan# 176

Delta R.T. -0.01 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

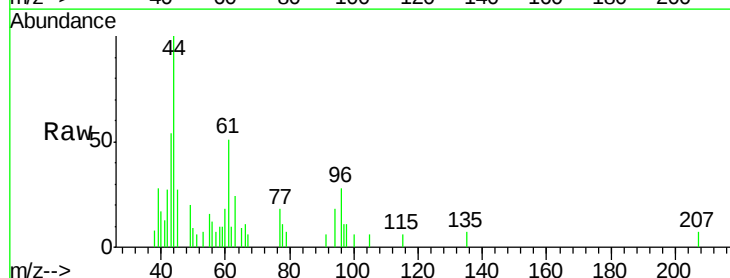
Tgt Ion: 96 Resp: 3237

Ion Ratio Lower Upper

96 100

61 185.1 131.7 197.5

98 38.8 49.5 74.3#



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

4000

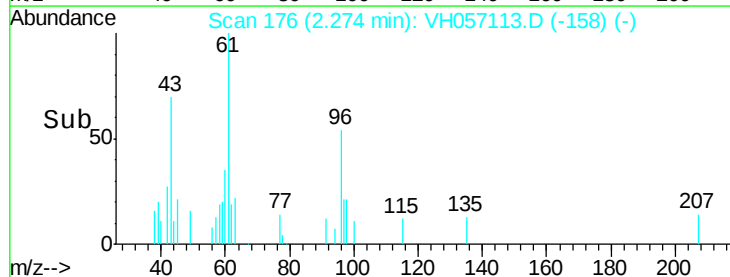
3000

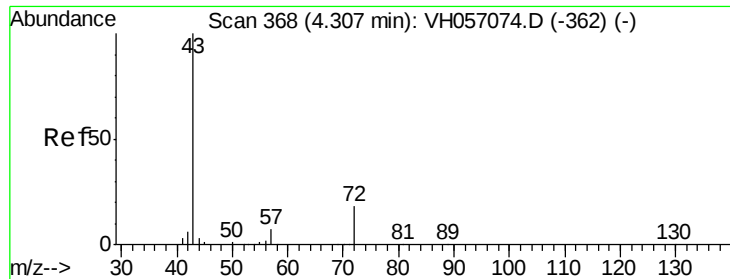
2000

1000

0

Time--> 2.20 2.25 2.30

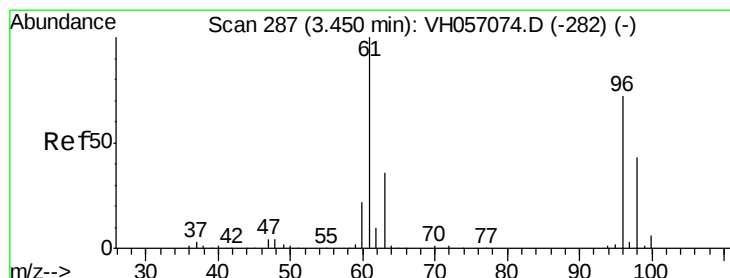
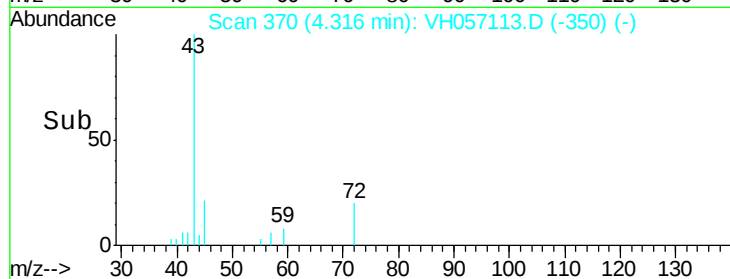
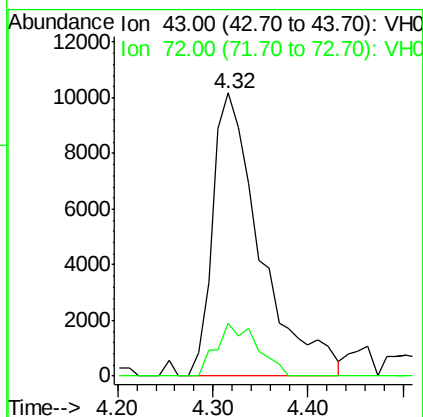
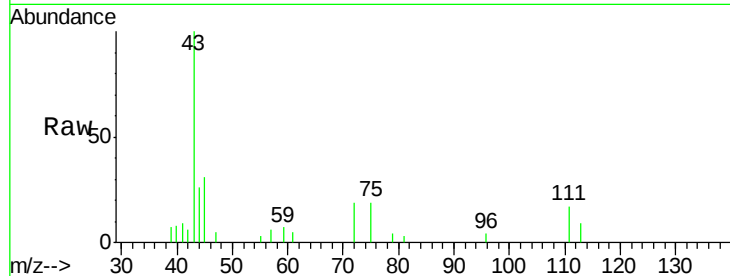




#25
 2-Butanone
 Concen: 3.40 ug/l
 RT: 4.32 min Scan# 370
 Delta R.T. 0.01 min
 Lab File: VH057113.D
 Acq: 22 Sep 2015 19:44

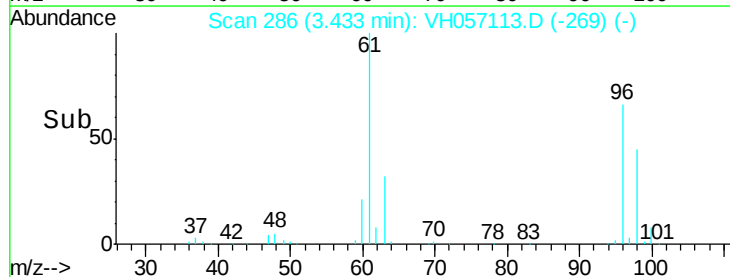
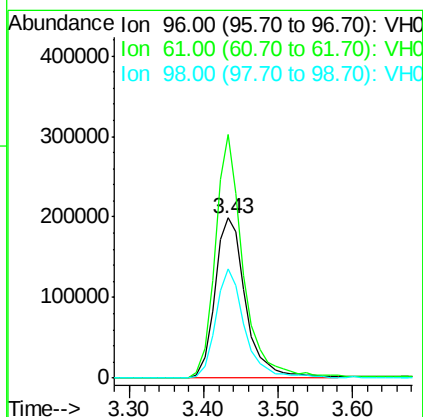
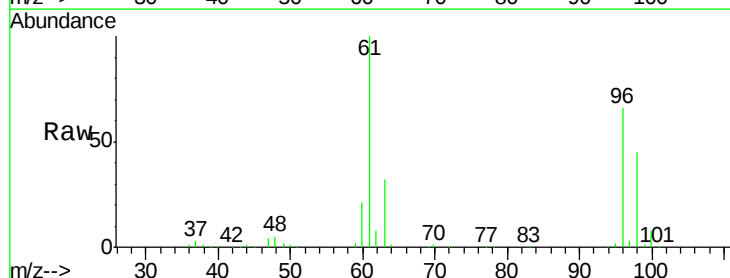
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS1-3

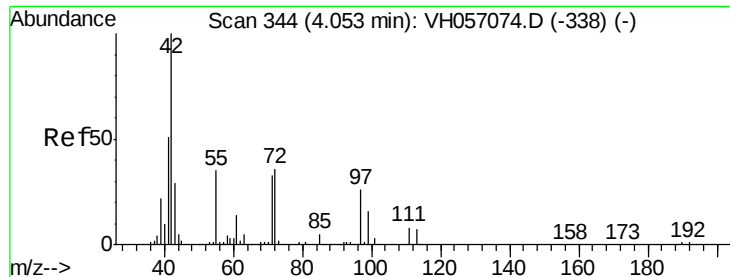
Tgt Ion: 43 Resp: 35211
 Ion Ratio Lower Upper
 43 100
 72 18.6 0.0 39.2



#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

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

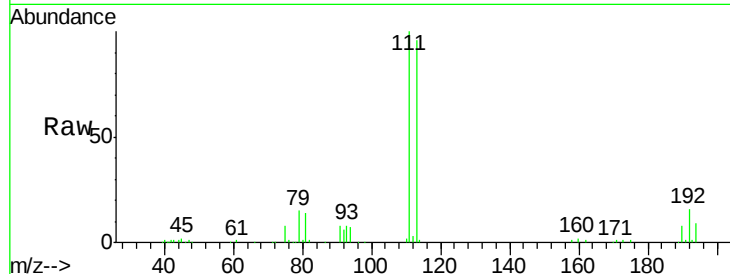




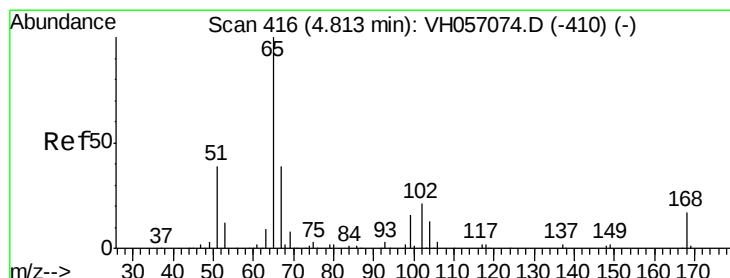
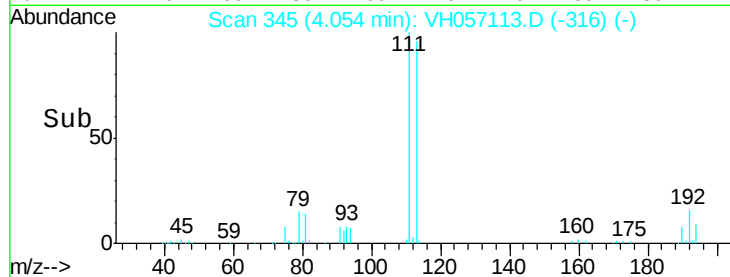
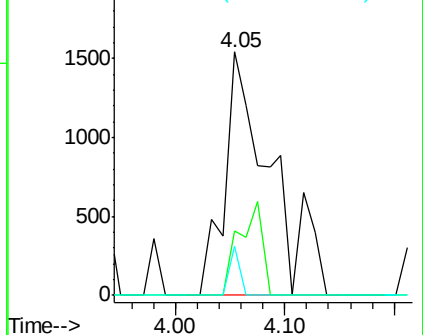
#31
Tetrahydrofuran
Concen: 0.78 ug/l
RT: 4.05 min Scan# 345
Delta R.T. 0.00 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS1-3

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	25.5	38.3#
71	0.0	25.4	38.0#

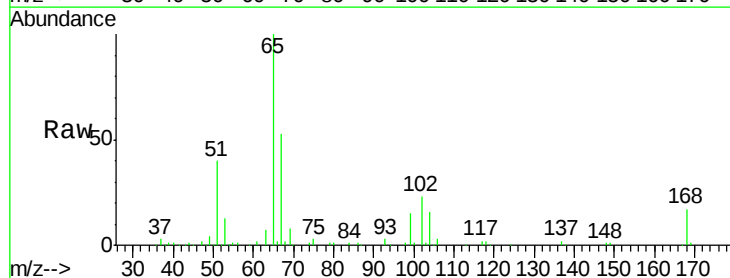


Abundance Ion 42.00 (41.70 to 42.70): VH0
Ion 72.00 (71.70 to 72.70): VH0
Ion 71.00 (70.70 to 71.70): VH0

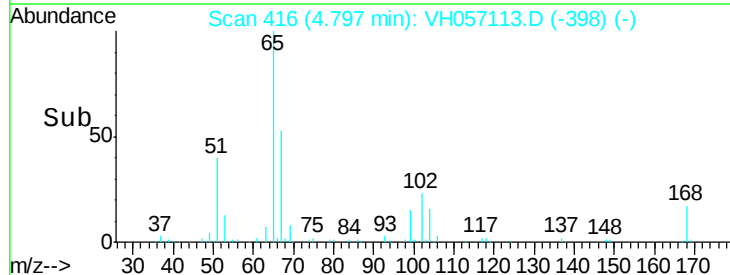
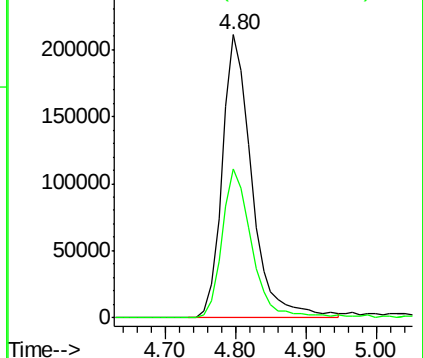


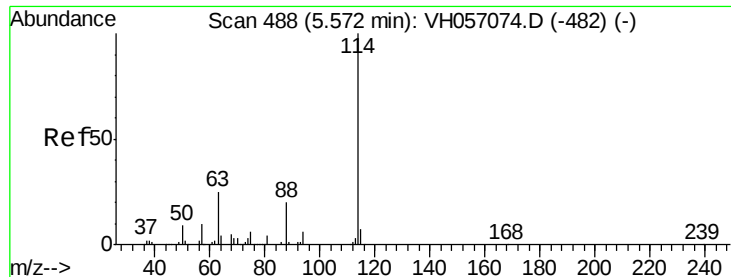
#33
1,2-Dichloroethane-d4
Concen: 55.16 ug/l
RT: 4.80 min Scan# 416
Delta R.T. -0.02 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.6	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. -0.02 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS1-3

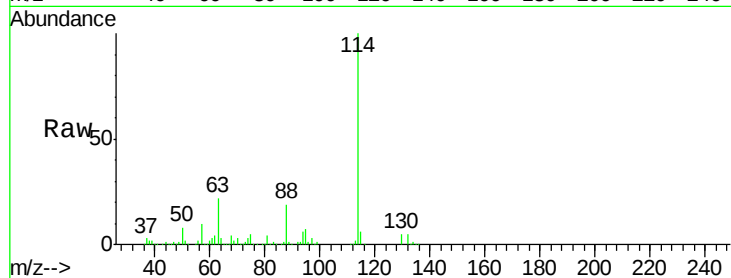
Tgt Ion:114 Resp: 1136576

Ion Ratio Lower Upper

114 100

63 21.9 19.0 28.4

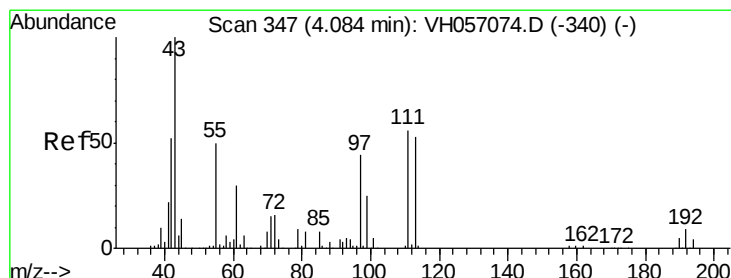
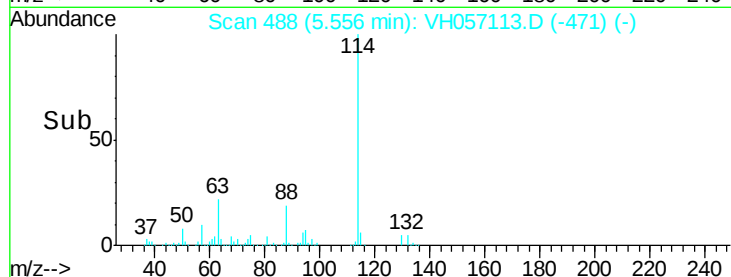
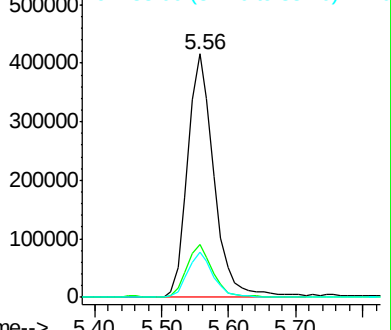
88 18.8 15.7 23.5



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

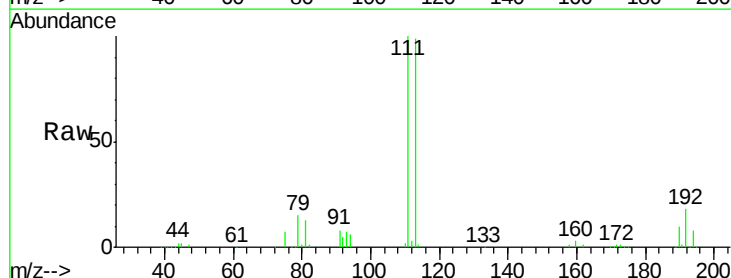
Tgt Ion:113 Resp: 569441

Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

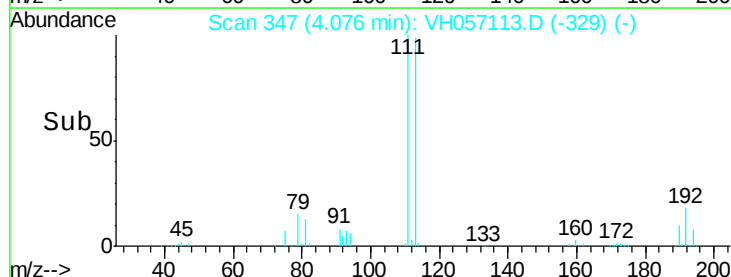
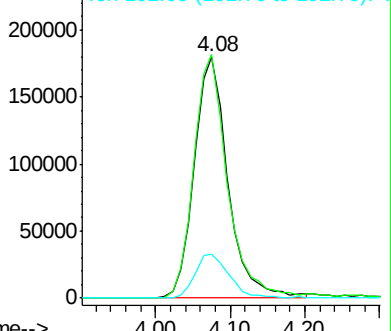
192 18.1 13.6 20.4

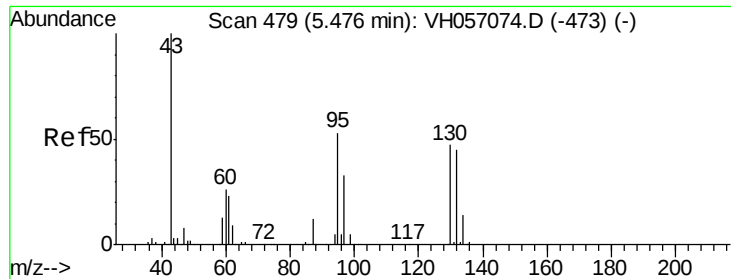


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

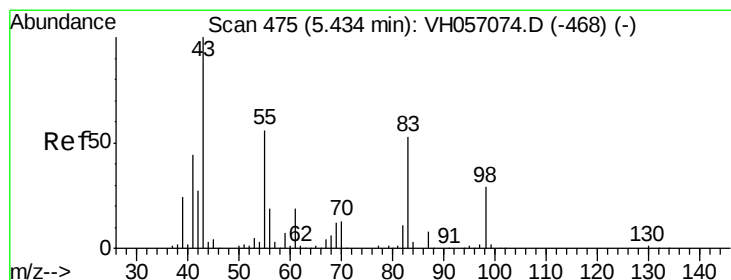
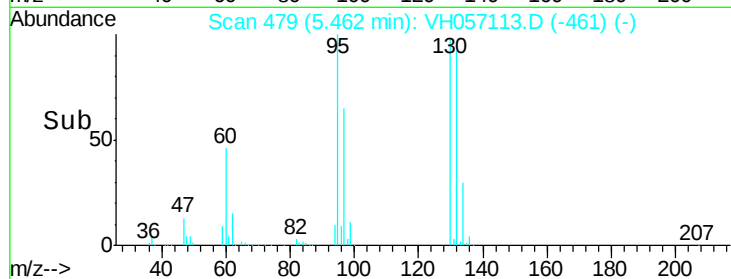
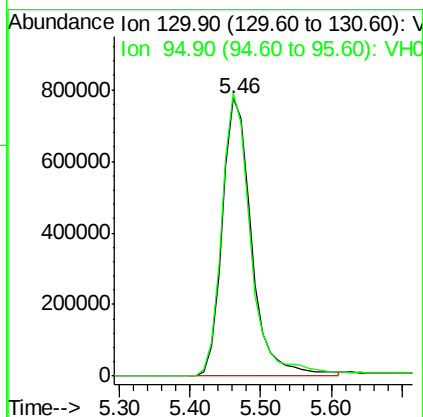
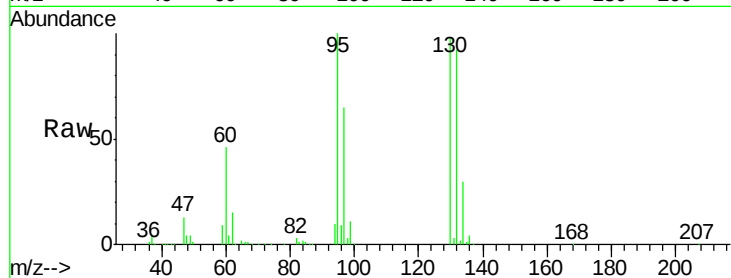




#43
 Trichloroethene
 Concen: 300.06 ug/l
 RT: 5.46 min Scan# 479
 Delta R.T. -0.01 min
 Lab File: VH057113.D
 Acq: 22 Sep 2015 19:44

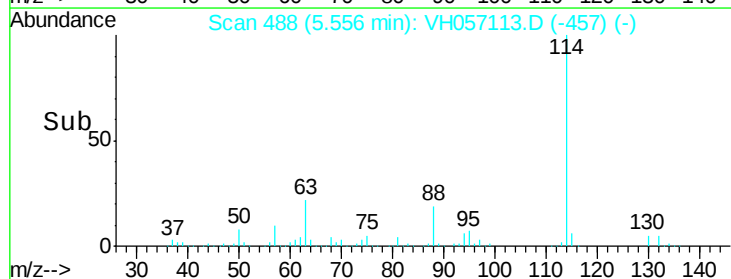
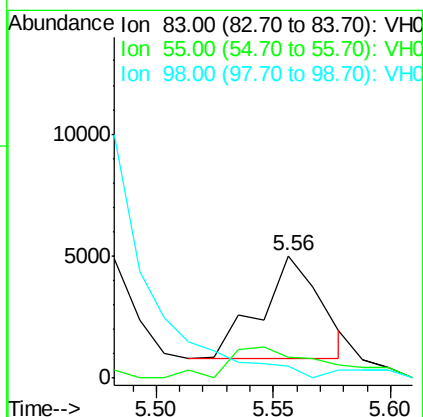
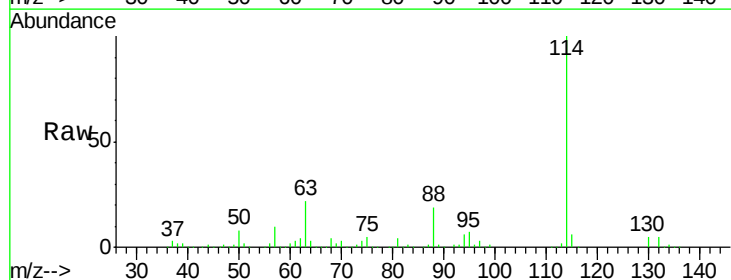
Instrument :
 MSVOA_H
 ClientSampleId :
 ERD45-CS1-3

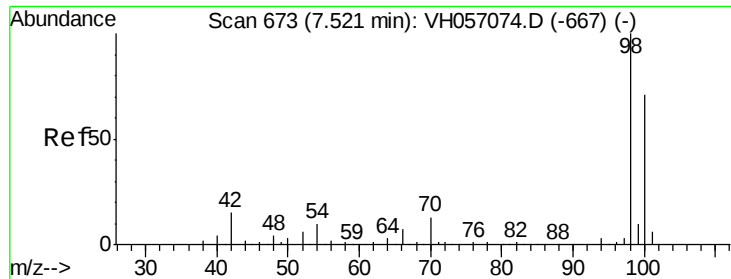
Tgt Ion:130 Resp: 2267506
 Ion Ratio Lower Upper
 130 100
 95 101.9 84.0 126.0



#44
 Methylcyclohexane
 Concen: 1.02 ug/l
 RT: 5.56 min Scan# 488
 Delta R.T. 0.12 min
 Lab File: VH057113.D
 Acq: 22 Sep 2015 19:44

Tgt Ion: 83 Resp: 7359
 Ion Ratio Lower Upper
 83 100
 55 16.6 0.0 207.2
 98 9.9 0.0 108.4

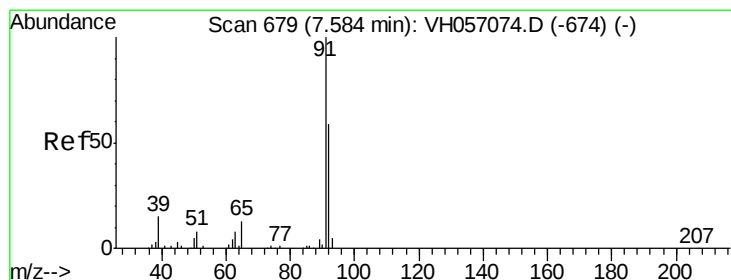
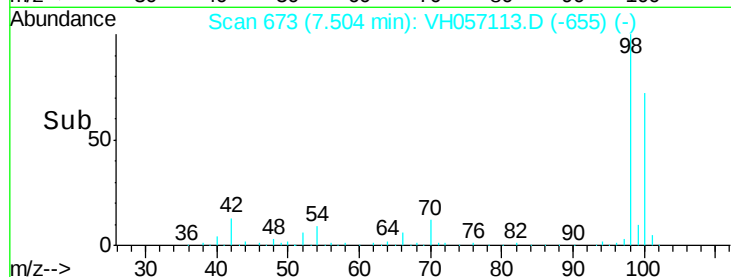
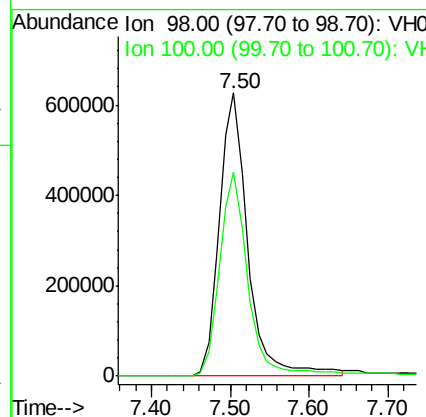
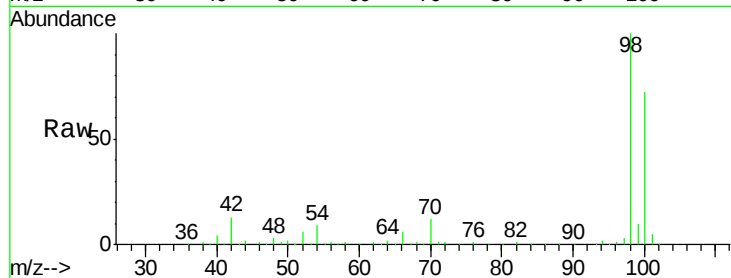




#48
Toluene-d8
Concen: 59.84 ug/l
RT: 7.50 min Scan# 673
Delta R.T. -0.02 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

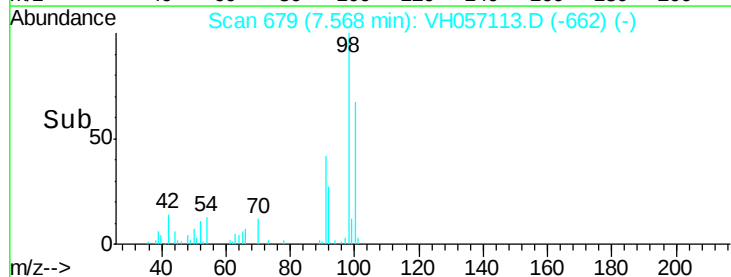
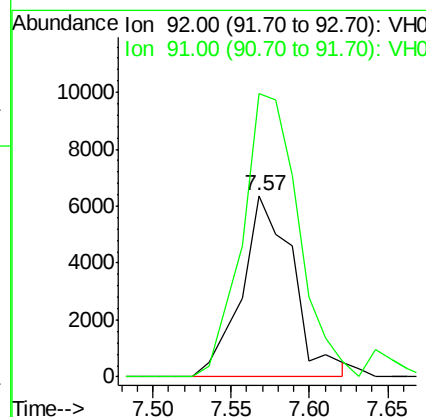
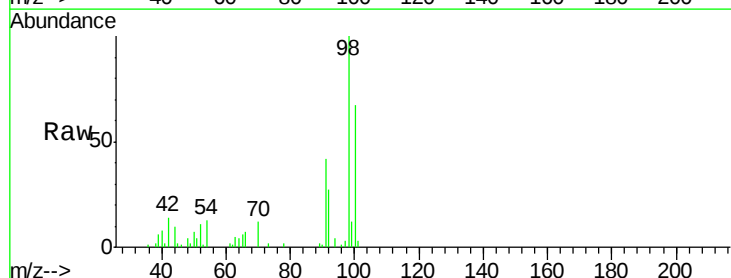
Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS1-3

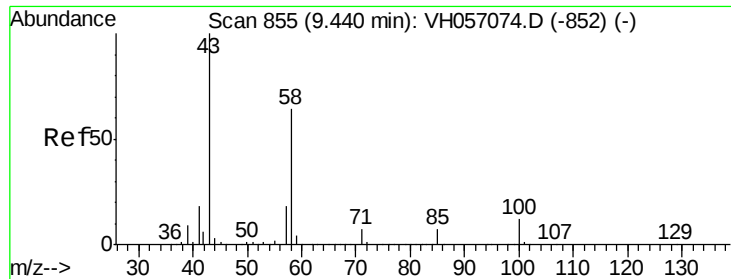
Tgt Ion: 98 Resp: 1557189
Ion Ratio Lower Upper
98 100
100 72.2 56.7 85.1



#50
Toluene
Concen: 0.76 ug/l
RT: 7.57 min Scan# 679
Delta R.T. -0.02 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Tgt Ion: 92 Resp: 14424
Ion Ratio Lower Upper
92 100
91 156.1 125.8 188.6





#59

2-Hexanone

Concen: 0.20 ug/l

RT: 9.44 min Scan# 857

Delta R.T. -0.00 min

Lab File: VH057113.D

Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS1-3

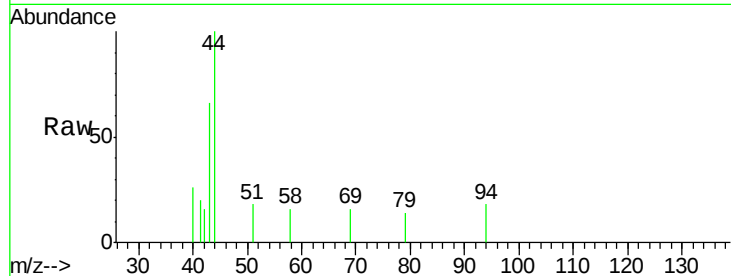
Tgt Ion: 43 Resp: 2964

Ion Ratio Lower Upper

43 100

58 23.9 27.1 81.2#

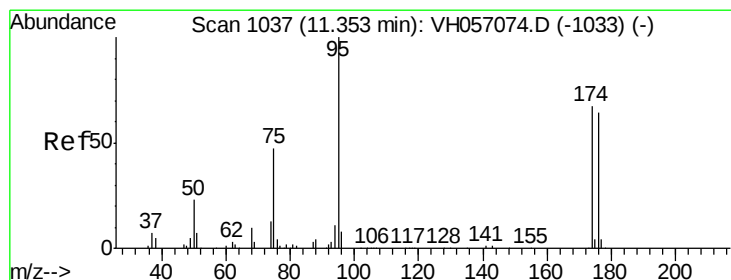
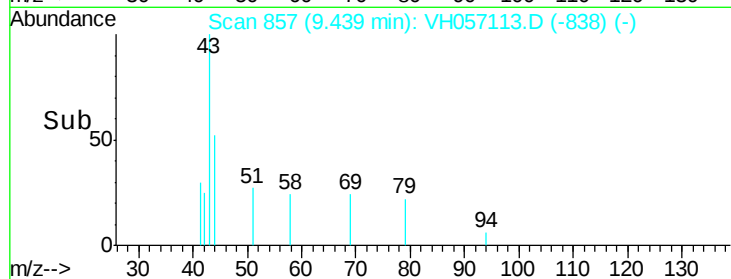
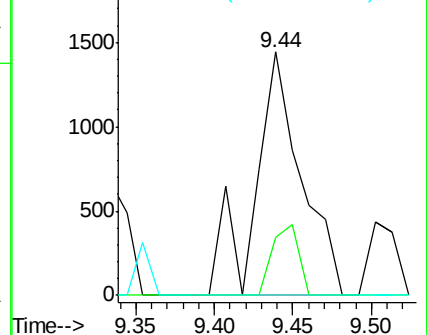
57 0.0 8.1 24.3#



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 58.00 (57.70 to 58.70): VH0

Ion 57.00 (56.70 to 57.70): VH0



#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

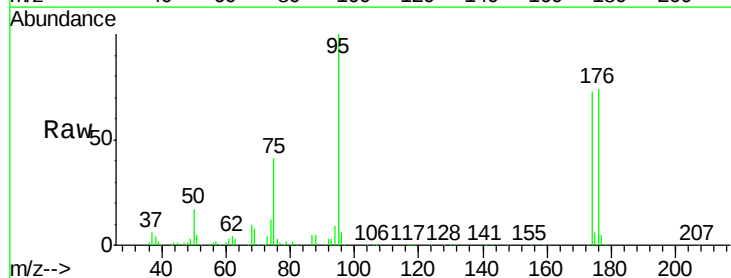
Tgt Ion: 95 Resp: 537090

Ion Ratio Lower Upper

95 100

174 73.4 58.4 87.6

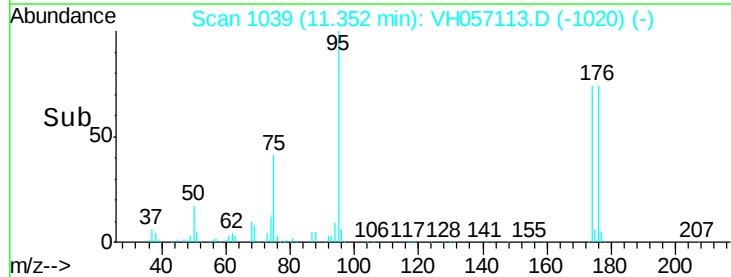
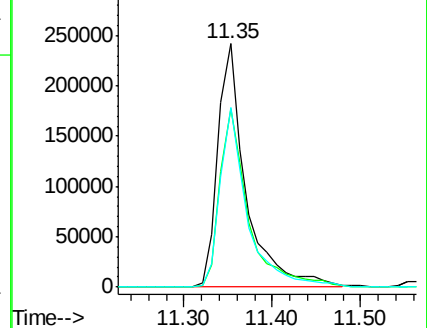
176 74.0 54.3 81.5

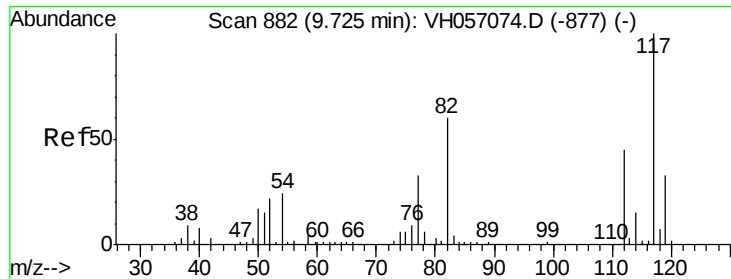


Abundance Ion 95.00 (94.70 to 95.70): VH0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

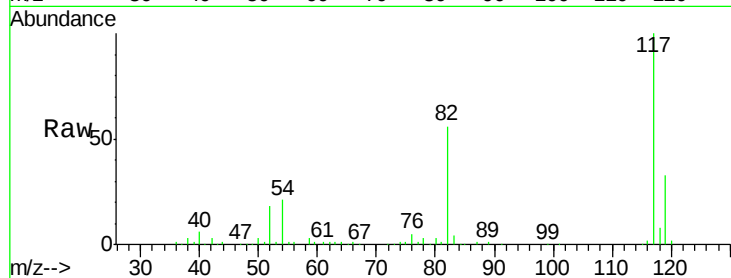




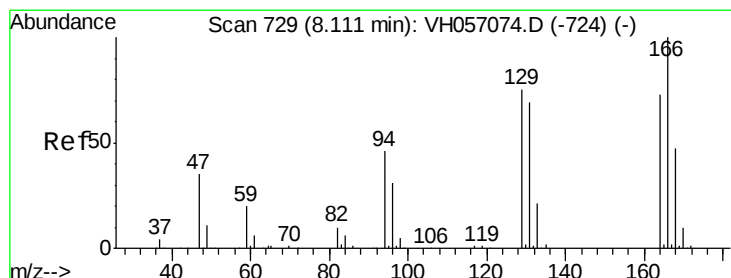
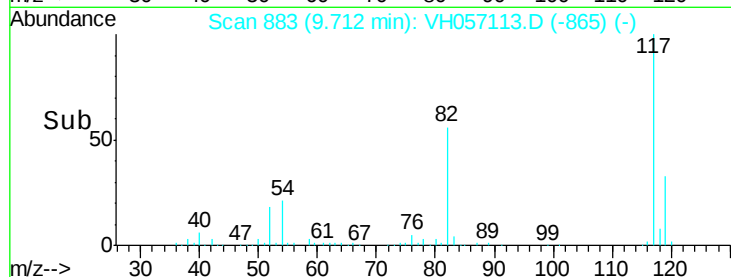
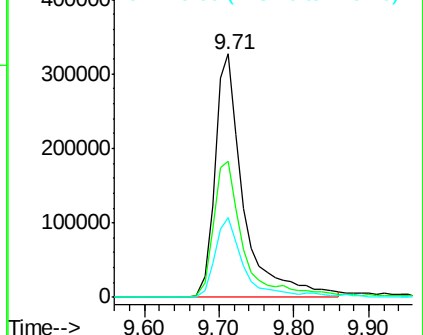
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.71 min Scan# 883
Delta R.T. -0.01 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Instrument :
MSVOA_H
ClientSampleId :
ERD45-CS1-3

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



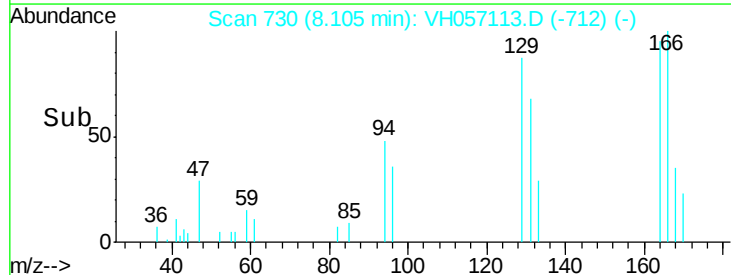
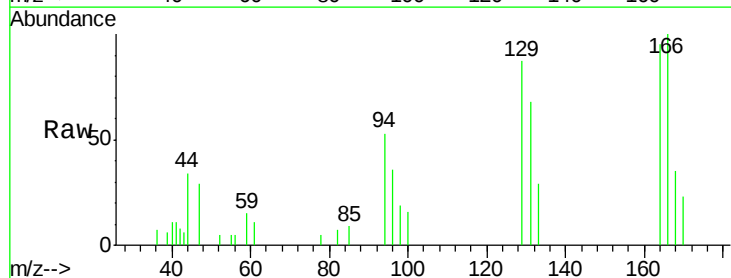
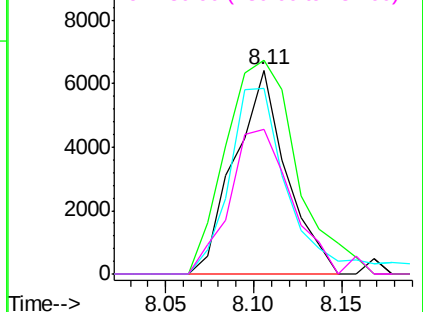
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

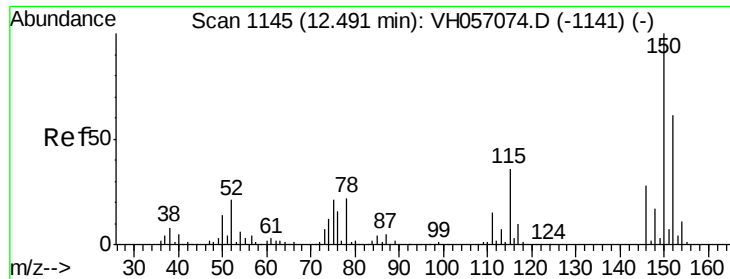


#64
Tetrachloroethene
Concen: 2.65 ug/l
RT: 8.11 min Scan# 730
Delta R.T. -0.01 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

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



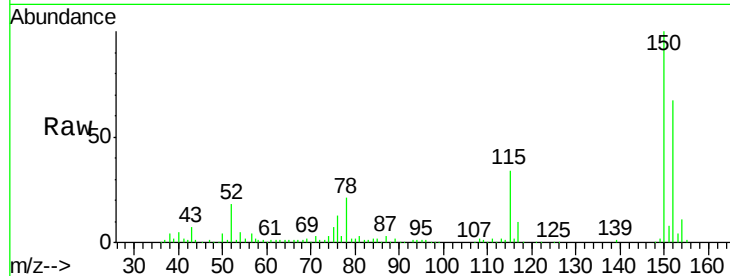


#72

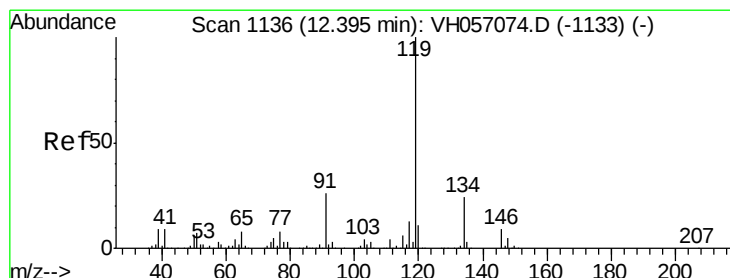
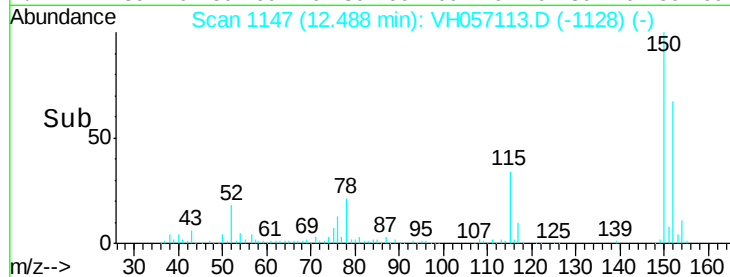
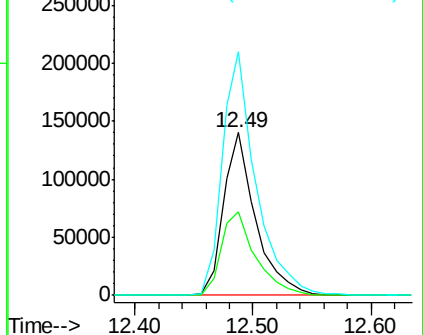
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.49 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Instrument :
MSVOA_H
ClientSampled :
ERD45-CS1-3

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



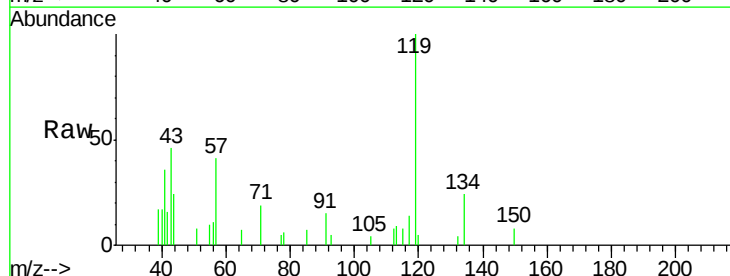
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



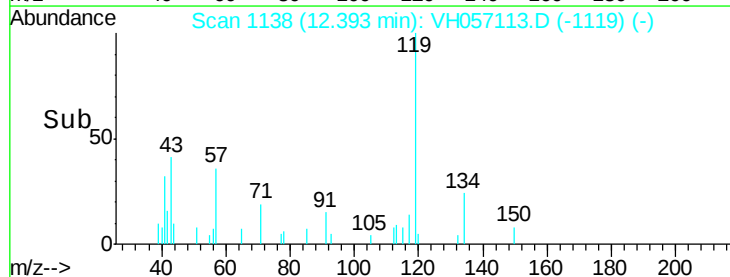
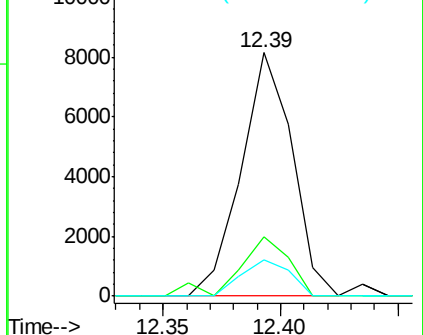
#86

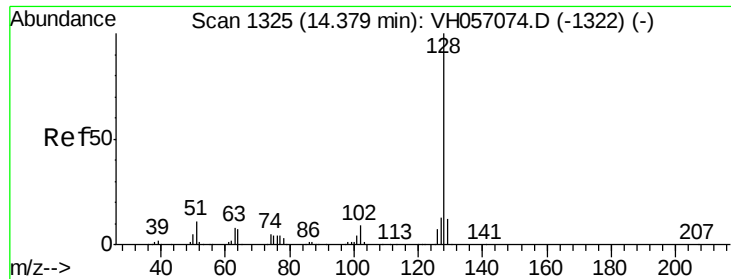
p-Isopropyltoluene
Concen: 1.02 ug/l
RT: 12.39 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VH057113.D
Acq: 22 Sep 2015 19:44

Tgt Ion:119 Resp: 12342
Ion Ratio Lower Upper
119 100
134 24.4 13.0 38.9
91 14.9 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 5.19 ug/l

RT: 14.38 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VH057113.D

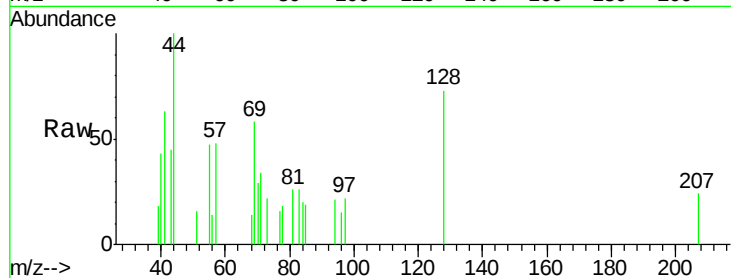
Acq: 22 Sep 2015 19:44

Instrument :

MSVOA_H

ClientSampleId :

ERD45-CS1-3



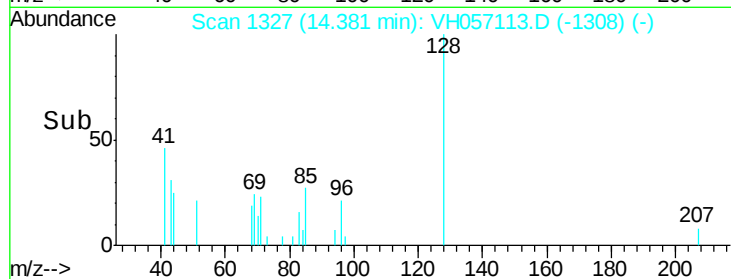
Tgt Ion:128 Resp: 2512

Ion Ratio Lower Upper

128 100

127 0.0 9.6 14.4#

129 0.0 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

