

Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH091715\
 Data File : VH057072.D
 Acq On : 17 Sep 2015 18:08
 Operator : SY/FY
 Sample : VSTDIC040
 Misc : 5mL/MSVOA_H/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDIC040

Quant Time: Sep 18 08:55:54 2015
 Quant Method : W:\HPCHEM1\MSVOA_H\METHODS\82H091715W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 08:54:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	829873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	1519789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.72	117	1215016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.49	152	357259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.81	65	596855	45.56	ug/l	0.00
Spiked Amount	50.000	Range	66 - 150	Recovery	=	91.12%
35) Dibromofluoromethane	4.08	113	482505	43.86	ug/l	0.00
Spiked Amount	50.000	Range	76 - 130	Recovery	=	87.72%
48) Toluene-d8	7.51	98	1397319	47.85	ug/l	0.00
Spiked Amount	50.000	Range	78 - 121	Recovery	=	95.70%
62) 4-Bromofluorobenzene	11.35	95	472176	44.36	ug/l	0.00
Spiked Amount	50.000	Range	70 - 131	Recovery	=	88.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.93	85	425908	40.63	ug/l	97
3) Chloromethane	1.02	50	525201	35.88	ug/l	100
4) Vinyl Chloride	1.09	62	434865	36.10	ug/l	96
5) Bromomethane	1.27	94	215753	36.29	ug/l	99
6) Chloroethane	1.35	64	188981	31.25	ug/l	97
7) Trichlorofluoromethane	1.40	101	138533	14.68	ug/l	94
8) Tert butyl alcohol	2.54	59	507333	183.95	ug/l	98
9) Diethyl Ether	1.62	74	195056	32.78	ug/l	79
10) Diisopropyl ether	2.78	45	1412469	32.73	ug/l	98
11) 1,1-Dichloroethene	1.76	96	294763	34.92	ug/l	92
12) Methyl Iodide	1.86	142	516862	37.02	ug/l	93
13) Acrolein	1.98	56	326777	181.62	ug/l	88
14) 1,1,2-Trichlorotrifluoroet	1.81	101	288021	35.62	ug/l	94
15) Acrylonitrile	2.91	53	940329	152.72	ug/l	95
16) Allyl Chloride	2.08	41	599361	30.92	ug/l	92
17) Acetone	2.22	43	1326648	195.92	ug/l	98
18) Carbon Disulfide	1.77	76	894751	34.50	ug/l	96
19) Methyl Acetate	2.32	43	1454716	30.12	ug/l	100
20) Methyl tert-butyl Ether	2.41	73	1196220	36.35	ug/l	100
21) Methylene Chloride	2.15	84	192861	20.06	ug/l	91
22) trans-1,2-Dichloroethene	2.29	96	325173	34.93	ug/l	95
23) Vinyl Acetate	3.17	43	3423747	181.14	ug/l	100
24) 1,1-Dichloroethane	2.85	63	704211	34.80	ug/l	99
25) 2-Butanone	4.31	43	2653118	177.51	ug/l	98
26) 2,2-Dichloropropane	3.57	77	443756	39.92	ug/l	99
27) cis-1,2-Dichloroethene	3.45	96	466507	39.76	ug/l	93
28) Bromochloromethane	3.69	128	162558	37.12	ug/l	85
29) Chloroform	3.83	83	832244	39.24	ug/l	96
30) Cyclohexane	3.67	56	561032	36.31	ug/l	98
31) Tetrahydrofuran	4.05	42	1524556	175.53	ug/l	96
32) 1,1,1-Trichloroethane	4.07	97	611261	41.51	ug/l	96
36) 1,1-Dichloropropene	4.26	75	660457	42.38	ug/l	99
37) Ethyl acetate	4.09	43	1226549	37.63	ug/l	# 55
38) Carbon Tetrachloride	3.97	117	503743	41.01	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Benzene	4.61	78	1539626	39.32	ug/l	96
40) Methacrylonitrile	4.72	41	551895	36.49	ug/l	94
41) 1,2-Dichloroethane	4.91	62	678746	40.44	ug/l	98
42) Isopropyl Acetate	5.46	43	1598534	37.94	ug/l	99
43) Trichloroethene	5.48	130	392836	40.34	ug/l	93
44) Methylcyclohexane	5.44	83	364707	37.81	ug/l	96
45) 1,2-Dichloropropane	6.20	63	489281	38.85	ug/l	99
46) Dibromomethane	6.06	93	329215	41.60	ug/l	93
47) Bromodichloromethane	6.36	83	669062	41.41	ug/l	100
49) 4-Methyl-2-Pentanone	8.21	43	4809049	186.16	ug/l	99
50) Toluene	7.59	92	994555	39.72	ug/l	96
51) t-1,3-Dichloropropene	8.23	75	791710	42.56	ug/l	97
52) Methyl Methacrylate	6.69	69	494108	38.91	ug/l	94
53) 1,4-Dioxane	6.67	88	115156	923.86	ug/l	89
54) cis-1,3-Dichloropropene	7.26	75	816487	40.23	ug/l	99
55) 1,1,2-Trichloroethane	8.44	97	418564	41.06	ug/l	99
56) Ethyl Methacrylate	8.58	69	877769	41.51	ug/l	97
57) 1,3-Dichloropropane	8.80	76	873577	40.85	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.26	63	2067812	113.91	ug/l	99
59) 2-Hexanone	9.44	43	3668930	194.79	ug/l	98
60) Dibromochloromethane	8.66	129	486698	42.06	ug/l	98
61) 1,2-Dibromoethane	8.93	107	507520	42.51	ug/l	92
64) Tetrachloroethene	8.11	164	267277	39.05	ug/l	93
65) Chlorobenzene	9.74	112	1033791	40.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.87	131	357862	40.18	ug/l	92
67) Ethyl Benzene	9.85	106	487317	38.32	ug/l	91
68) m/p-Xylenes	10.08	106	1229612	80.49	ug/l	100
69) o-Xylene	10.66	106	569687	38.64	ug/l	98
70) Styrene	10.73	104	1037925	41.78	ug/l	97
71) Bromoform	10.72	173	312249	42.82	ug/l	97
73) Isopropylbenzene	11.07	105	1234130	36.76	ug/l	99
74) n-Amyl Acetate	11.32	43	1317048	36.07	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.64	83	674986	38.89	ug/l	96
76) 1,2,3-Trichloropropane	11.73	75	512705	37.95	ug/l	92
77) Bromobenzene	11.44	156	369744	40.84	ug/l	86
78) n-propylbenzene	11.55	91	1330256	37.67	ug/l	100
79) 2-Chlorotoluene	11.66	91	813519	38.03	ug/l	96
80) 1,3,5-Trimethylbenzene	11.77	105	826255	39.78	ug/l	98
81) trans-1,4-Dichloro-2-Buten	11.82	75	380918	36.92	ug/l	97
82) 4-Chlorotoluene	11.84	91	984708	38.52	ug/l	95
83) tert-Butylbenzene	12.07	119	754071	38.60	ug/l	99
84) 1,2,4-Trimethylbenzene	12.14	105	850110	40.50	ug/l	100
85) sec-Butylbenzene	12.25	105	802928	38.63	ug/l	99
86) p-Isopropyltoluene	12.40	119	612588	38.43	ug/l	99
87) 1,3-Dichlorobenzene	12.42	146	435019	40.25	ug/l	98
88) 1,4-Dichlorobenzene	12.50	146	443656	39.00	ug/l	98
89) n-Butylbenzene	12.78	91	520591	41.68	ug/l	95
90) Hexachloroethane	12.85	117	121032	35.67	ug/l	93
91) 1,2-Dichlorobenzene	12.88	146	389892	41.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.58	75	68907	39.18	ug/l	97

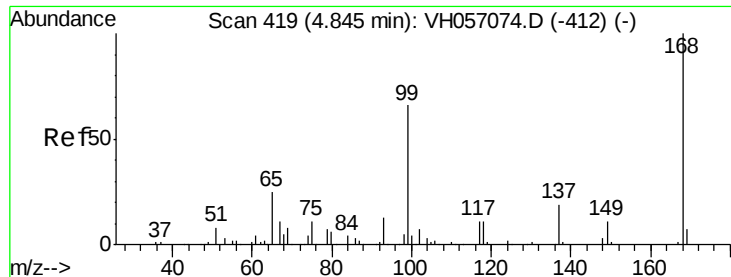
Data Path : W:\HPCHEM1\MSVOA_H\DATA\VH091715\
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Acq On : 17 Sep 2015 18:08
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.13	180	83252	43.58	ug/l	92
94) Hexachlorobutadiene	14.12	225	44383	52.66	ug/l	95
95) Naphthalene	14.38	128	349795	43.80	ug/l	97
96) 1,2,3-Trichlorobenzene	14.52	180	58361	47.79	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 419

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

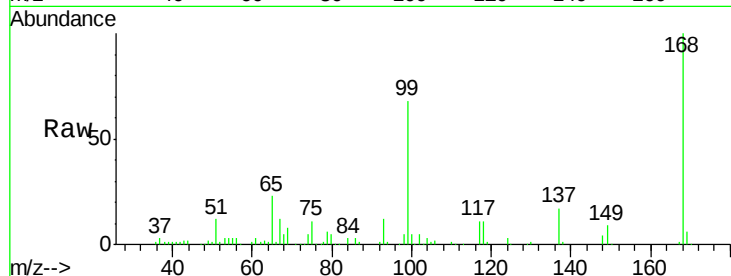
VSTDIC040

Tgt Ion:168 Resp: 829873

Ion Ratio Lower Upper

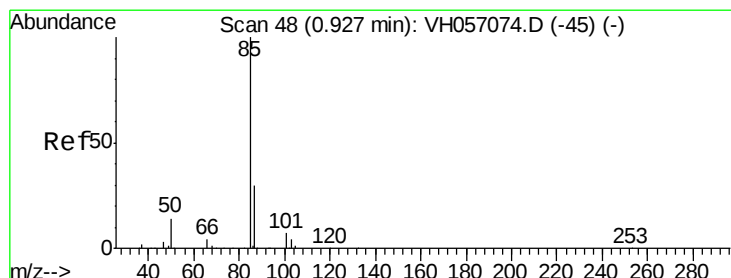
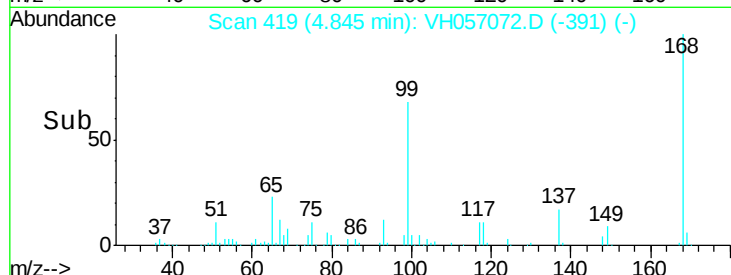
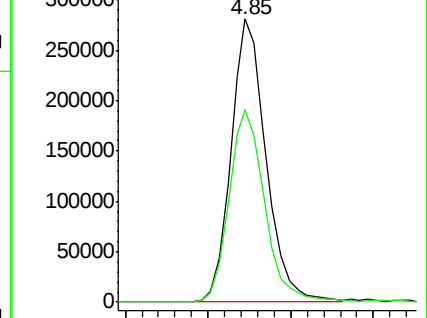
168 100

99 68.0 55.8 83.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VHC



#2

Dichlorodifluoromethane

Concen: 40.63 ug/l

RT: 0.93 min Scan# 48

Delta R.T. 0.00 min

Lab File: VH057072.D

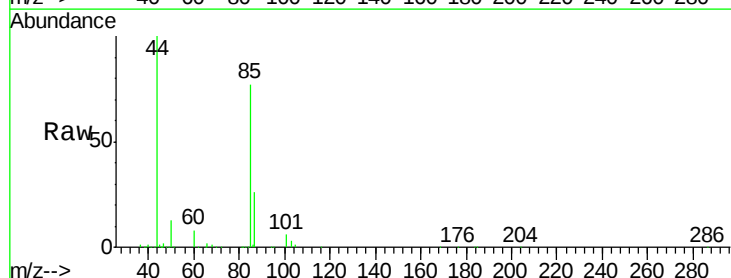
Acq: 17 Sep 2015 18:08

Tgt Ion: 85 Resp: 425908

Ion Ratio Lower Upper

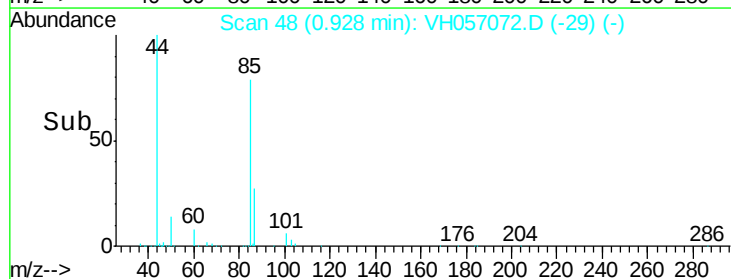
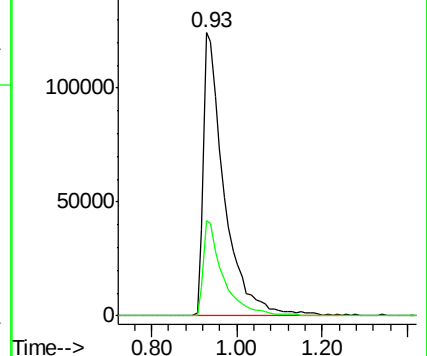
85 100

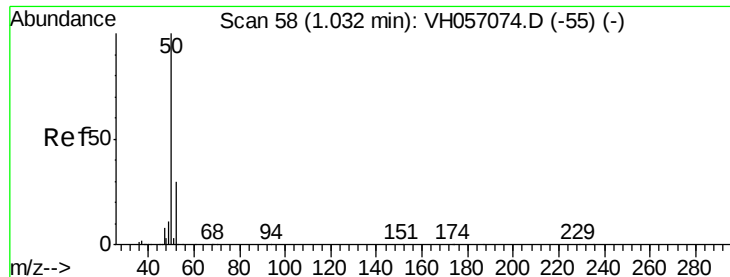
87 33.7 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VHC

Ion 87.00 (86.70 to 87.70): VHC





#3

Chloromethane

Concen: 35.88 ug/l

RT: 1.02 min Scan# 57

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

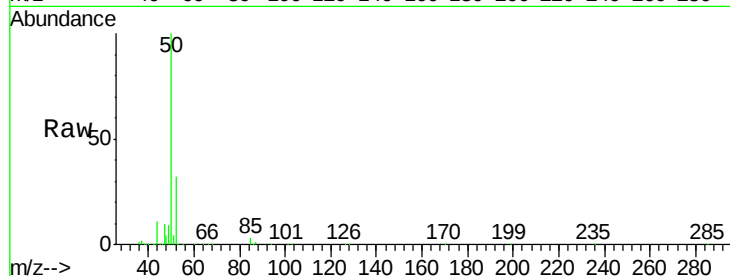
VSTDIC040

Tgt Ion: 50 Resp: 525201

Ion Ratio Lower Upper

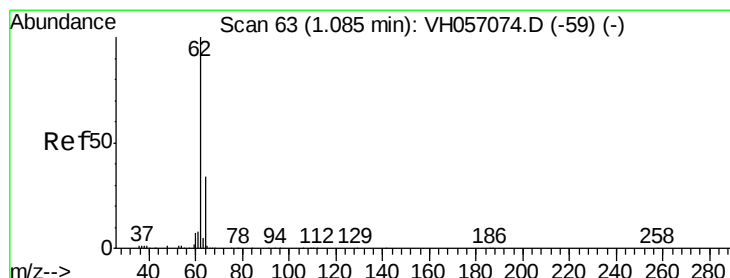
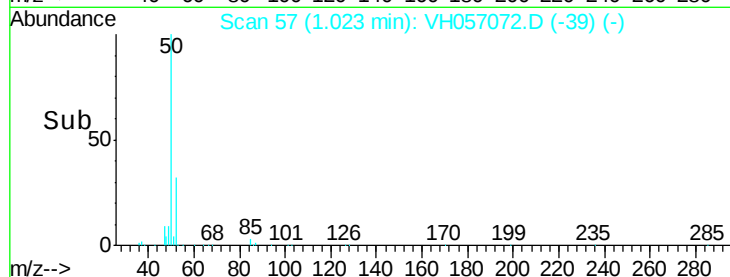
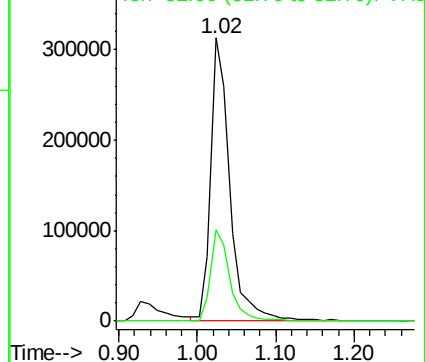
50 100

52 32.2 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VH0

Ion 52.00 (51.70 to 52.70): VH0



#4

Vinyl Chloride

Concen: 36.10 ug/l

RT: 1.09 min Scan# 63

Delta R.T. 0.00 min

Lab File: VH057072.D

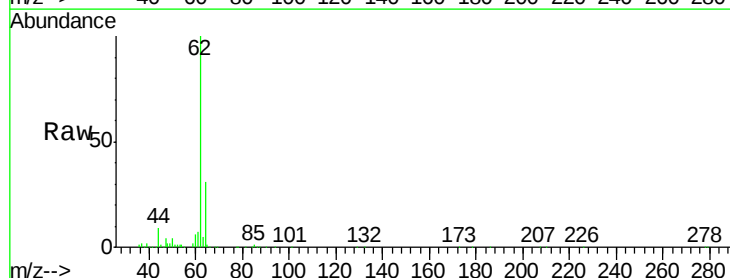
Acq: 17 Sep 2015 18:08

Tgt Ion: 62 Resp: 434865

Ion Ratio Lower Upper

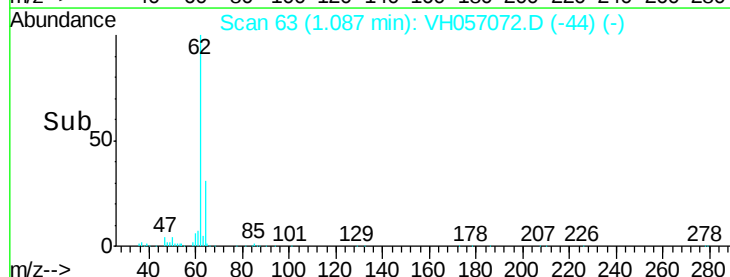
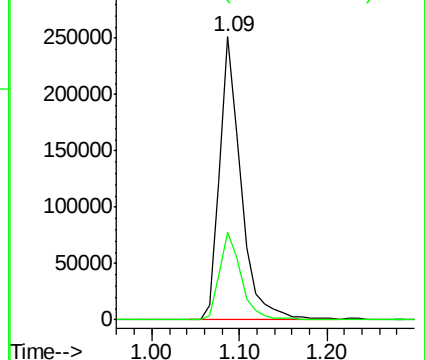
62 100

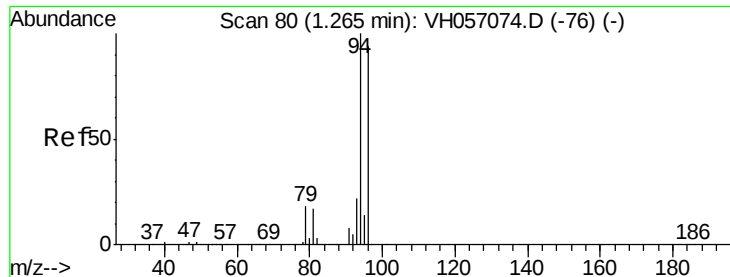
64 31.1 26.6 40.0



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 64.00 (63.70 to 64.70): VH0





#5

Bromomethane

Concen: 36.29 ug/l

RT: 1.27 min Scan# 80

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampled :

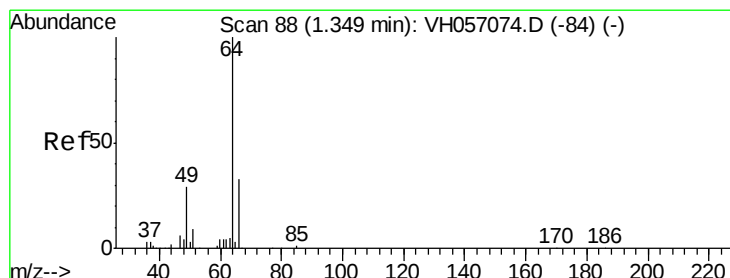
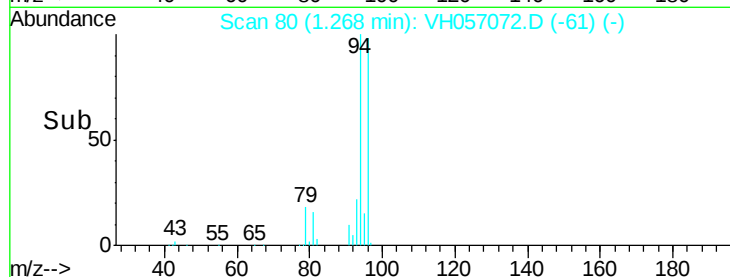
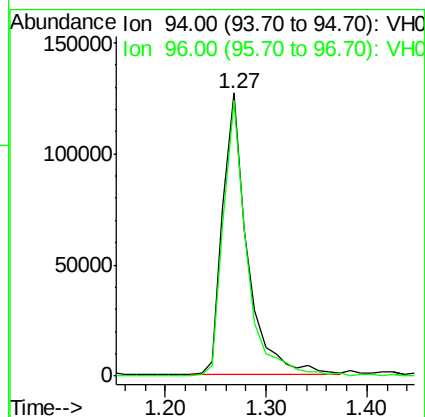
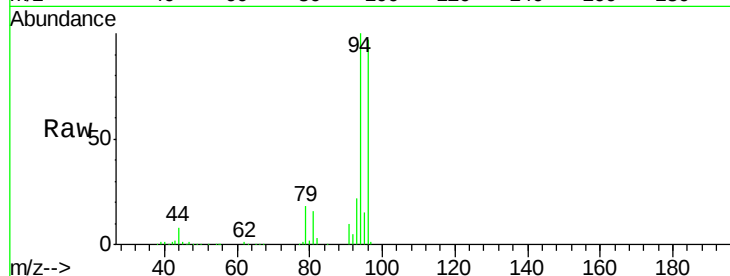
VSTDIC040

Tgt Ion: 94 Resp: 215753

Ion Ratio Lower Upper

94 100

96 97.3 78.5 117.7



#6

Chloroethane

Concen: 31.25 ug/l

RT: 1.35 min Scan# 88

Delta R.T. 0.00 min

Lab File: VH057072.D

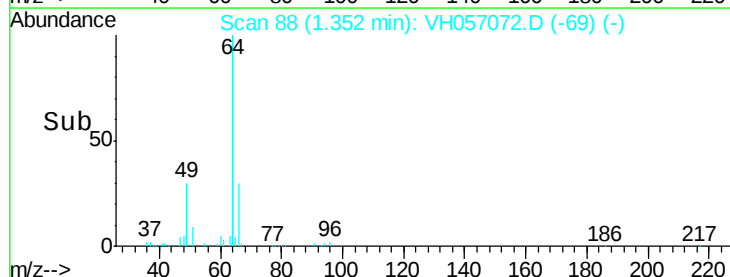
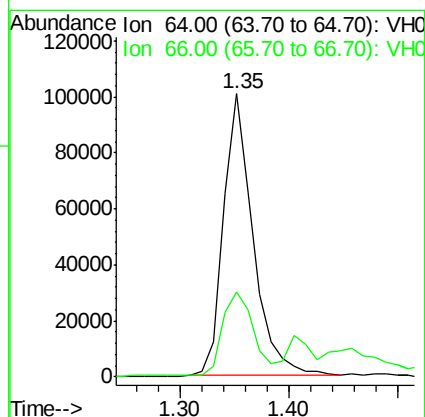
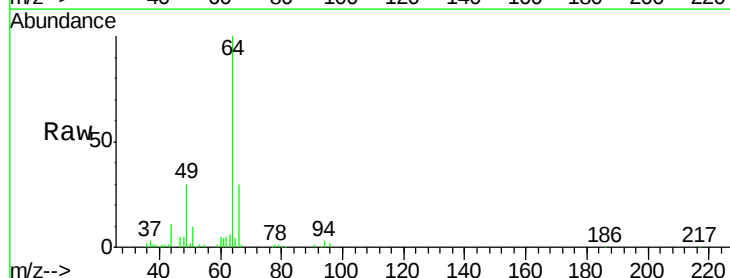
Acq: 17 Sep 2015 18:08

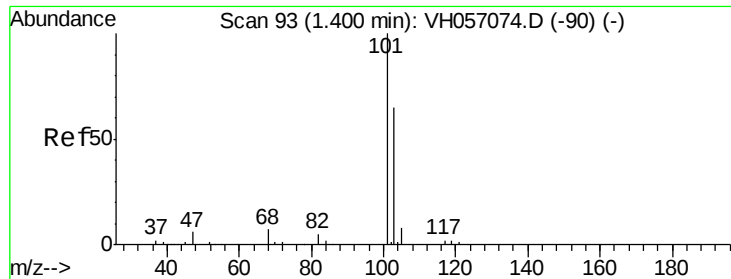
Tgt Ion: 64 Resp: 188981

Ion Ratio Lower Upper

64 100

66 30.0 25.2 37.8



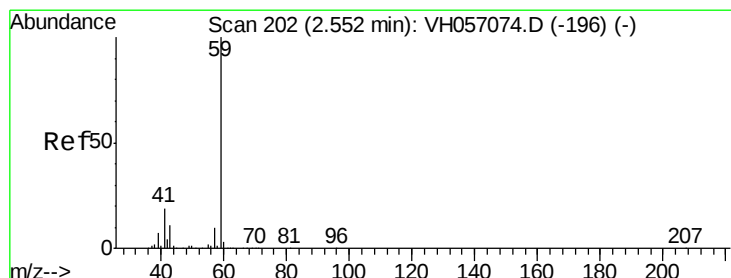
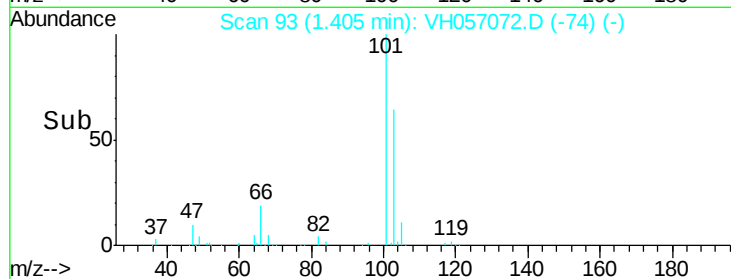
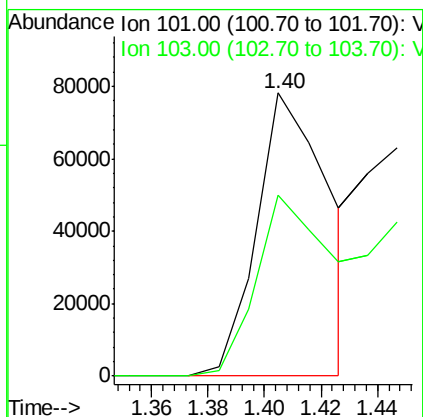
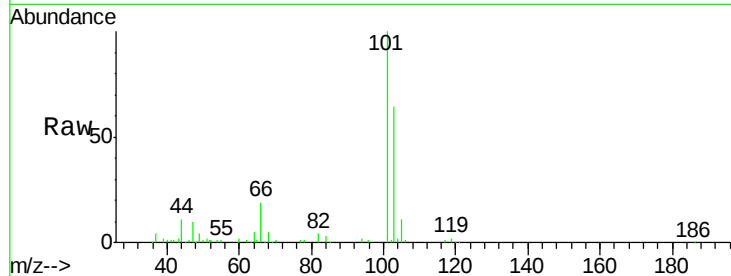


#7

Trichlorofluoromethane
Concen: 14.68 ug/l
RT: 1.40 min Scan# 93
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Instrument :
MSVOA_H
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VSTDIC040

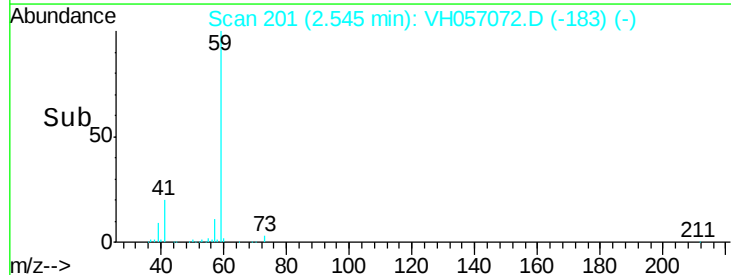
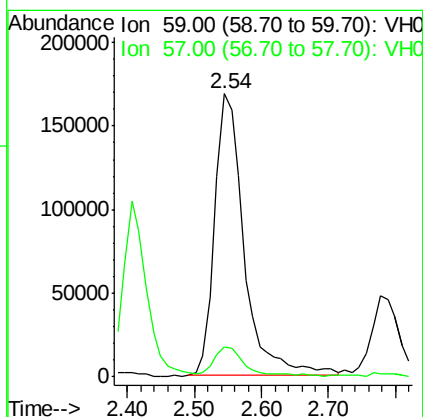
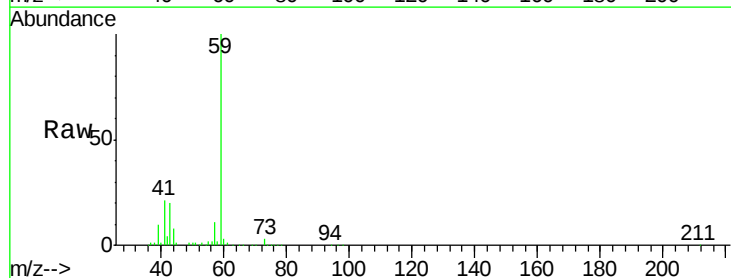
Tgt Ion: 101 Resp: 138533
Ion Ratio Lower Upper
101 100
103 63.9 54.9 82.3

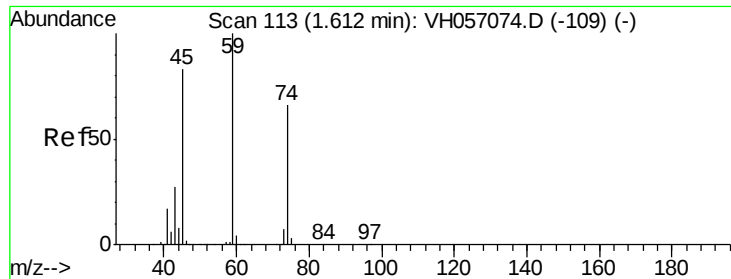


#8

Tert butyl alcohol
Concen: 183.95 ug/l
RT: 2.54 min Scan# 201
Delta R.T. -0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 59 Resp: 507333
Ion Ratio Lower Upper
59 100
57 10.7 9.0 11.0





#9

Diethyl Ether

Concen: 32.78 ug/l

RT: 1.62 min Scan# 113

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

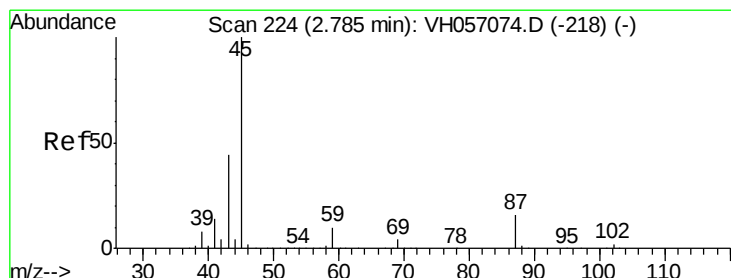
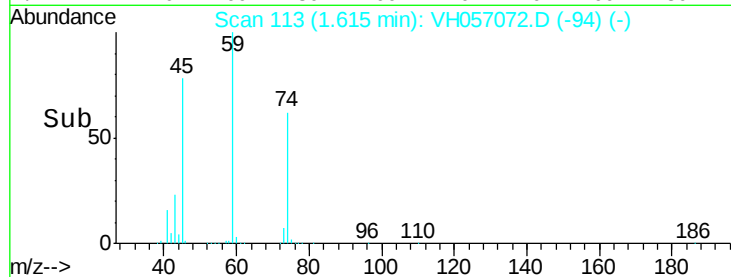
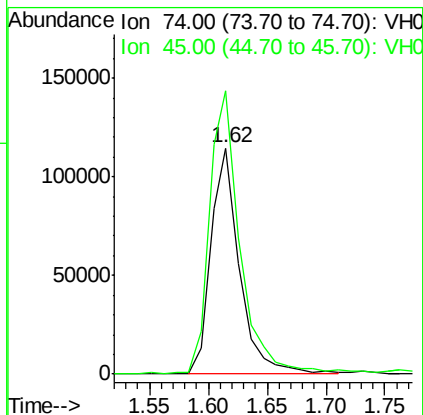
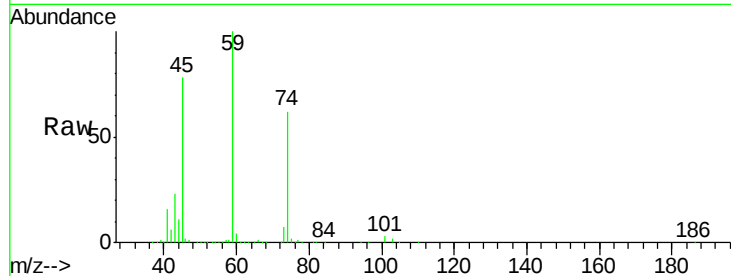
VSTDIC040

Tgt Ion: 74 Resp: 195056

Ion Ratio Lower Upper

74 100

45 125.2 0.0 304.4



#10

Diisopropyl ether

Concen: 32.73 ug/l

RT: 2.78 min Scan# 223

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Tgt Ion: 45 Resp: 1412469

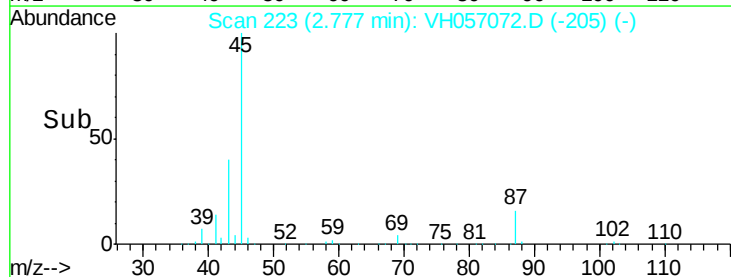
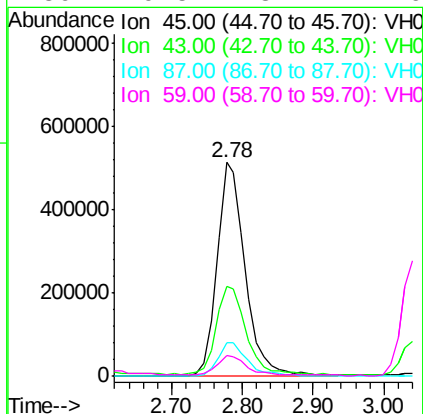
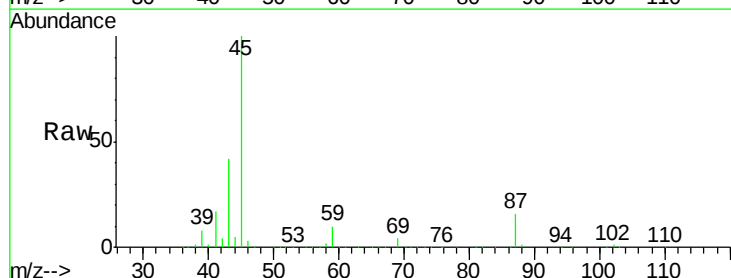
Ion Ratio Lower Upper

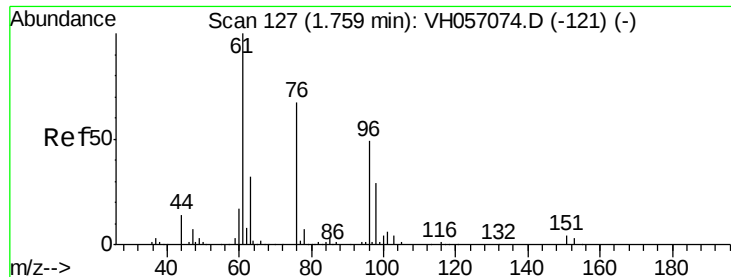
45 100

43 42.1 34.6 52.0

87 15.7 12.6 19.0

59 9.5 8.4 12.6





#11

1,1-Dichloroethene

Concen: 34.92 ug/l

RT: 1.76 min Scan# 127

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

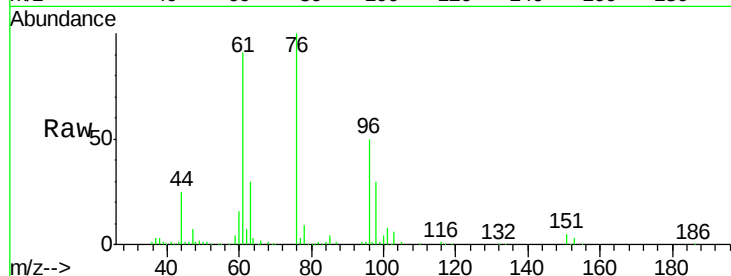
Tgt Ion: 96 Resp: 294763

Ion Ratio Lower Upper

96 100

61 183.1 158.4 237.6

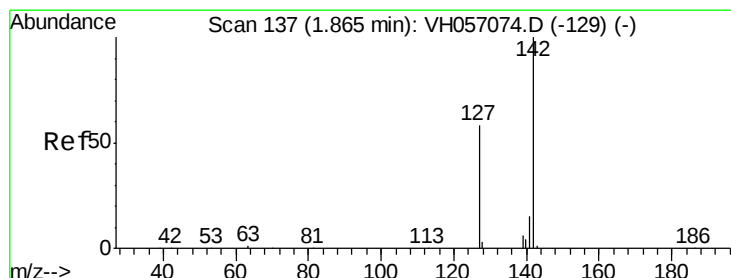
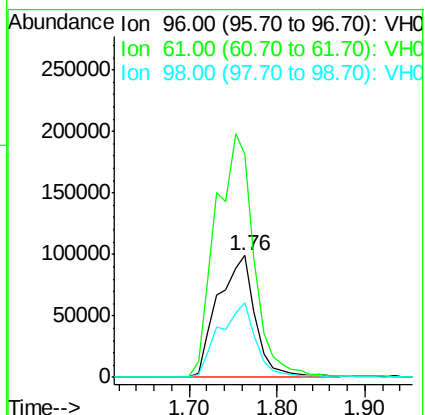
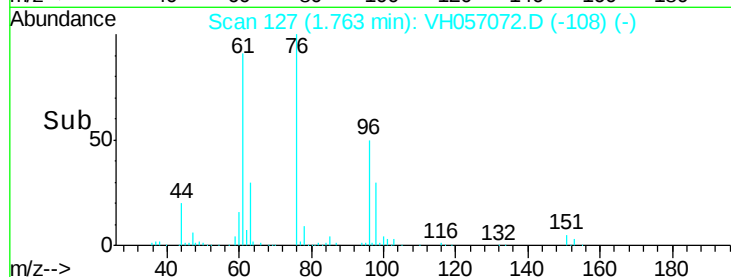
98 61.2 50.6 75.8



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



#12

Methyl Iodide

Concen: 37.02 ug/l

RT: 1.86 min Scan# 136

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

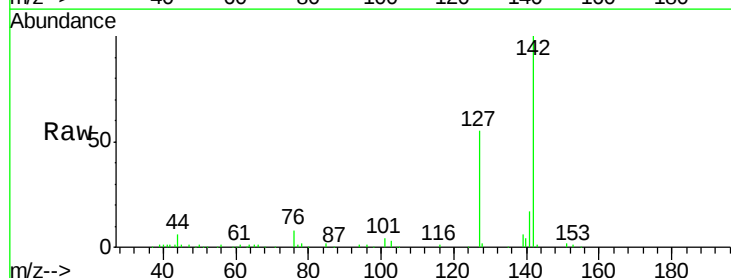
Tgt Ion: 142 Resp: 516862

Ion Ratio Lower Upper

142 100

127 54.6 30.0 90.1

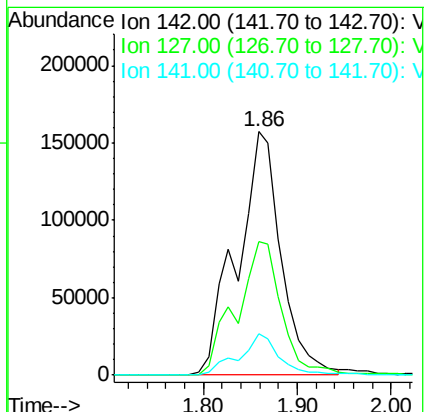
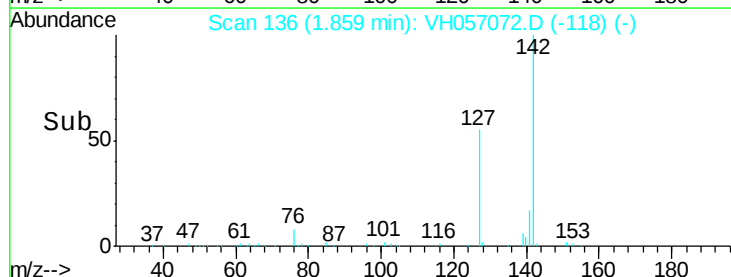
141 16.8 7.1 21.4

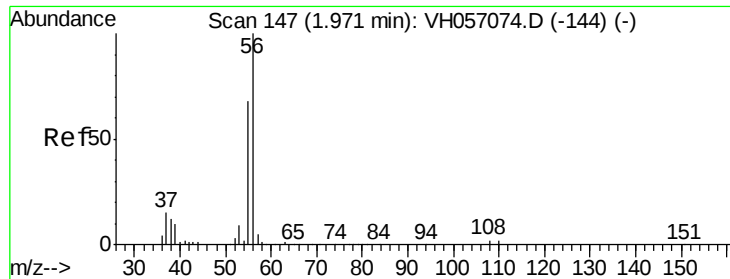


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V





#13

Acrolein

Concen: 181.62 ug/l

RT: 1.98 min Scan# 147

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

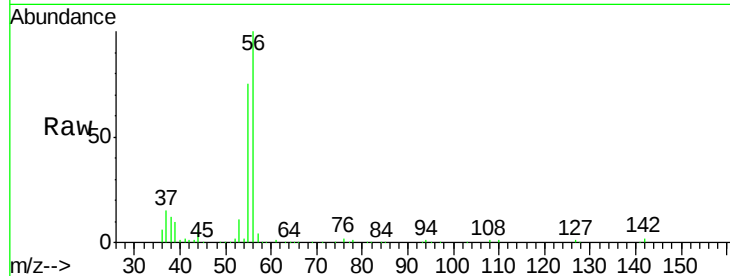
VSTDIC040

Tgt Ion: 56 Resp: 326777

Ion Ratio Lower Upper

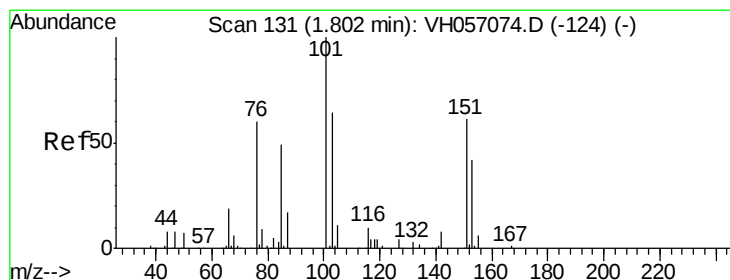
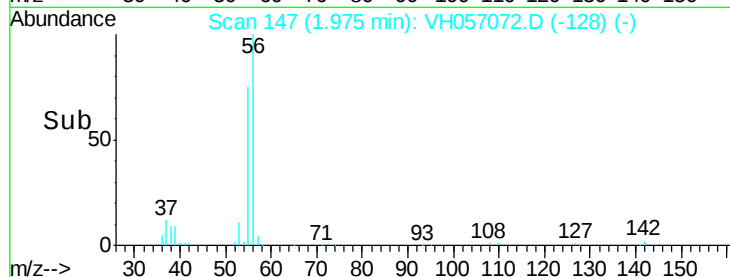
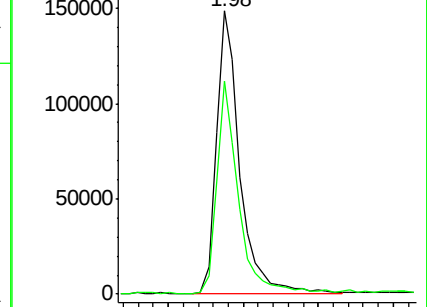
56 100

55 75.4 52.9 79.3



Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 55.00 (54.70 to 55.70): VH0



#14

1,1,2-Trichlorotrifluoroethane

Concen: 35.62 ug/l

RT: 1.81 min Scan# 131

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

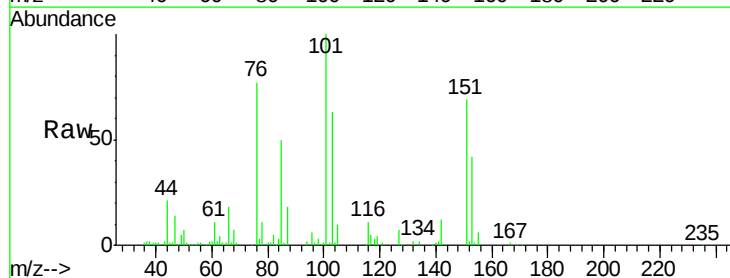
Tgt Ion: 101 Resp: 288021

Ion Ratio Lower Upper

101 100

85 50.3 37.9 56.9

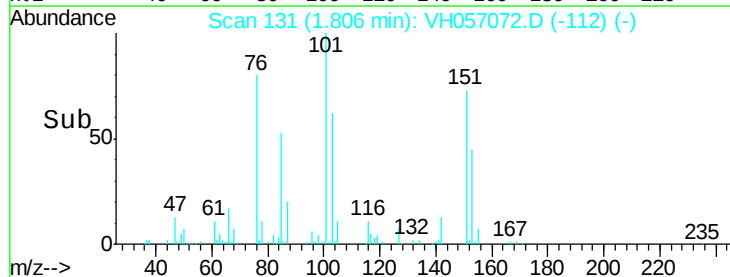
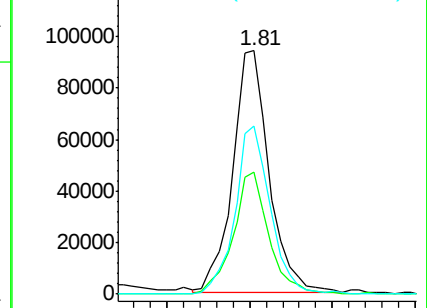
151 69.1 50.6 76.0

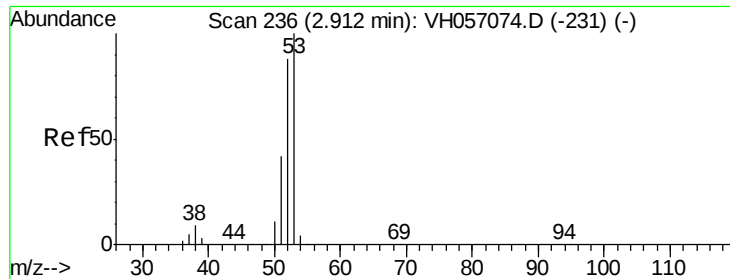


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VH0

Ion 151.00 (150.70 to 151.70): V





#15

Acrylonitrile

Concen: 152.72 ug/l

RT: 2.91 min Scan# 236

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

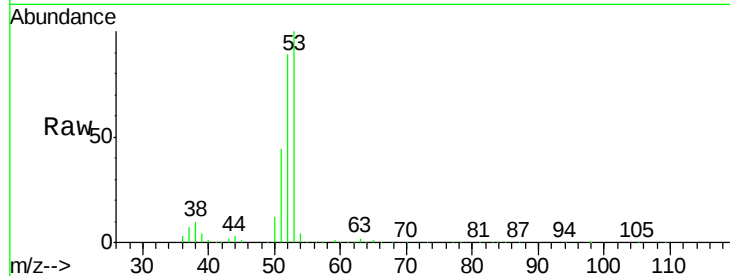
Tgt Ion: 53 Resp: 940329

Ion Ratio Lower Upper

53 100

52 88.5 67.6 101.4

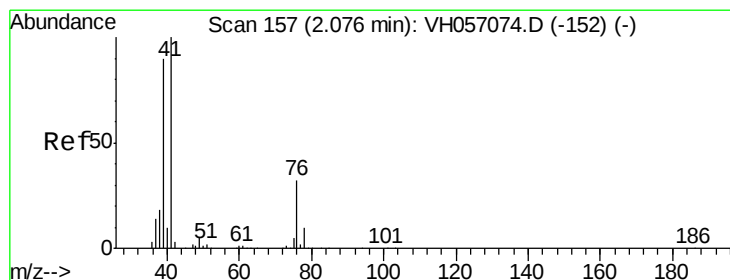
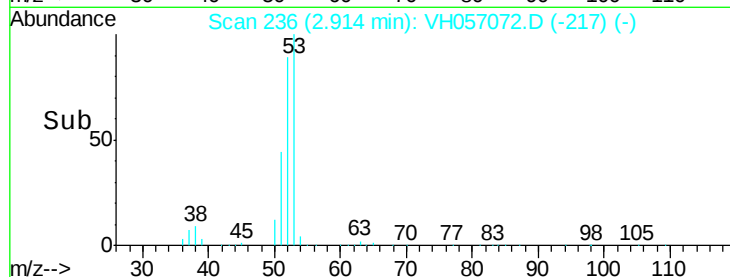
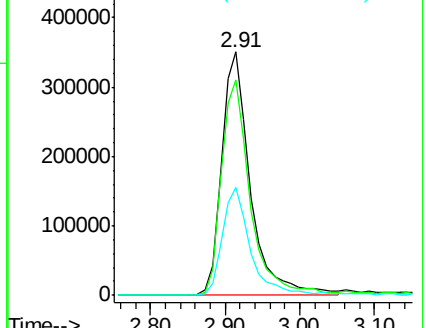
51 44.2 31.8 47.6



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



#16

Allyl Chloride

Concen: 30.92 ug/l

RT: 2.08 min Scan# 157

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

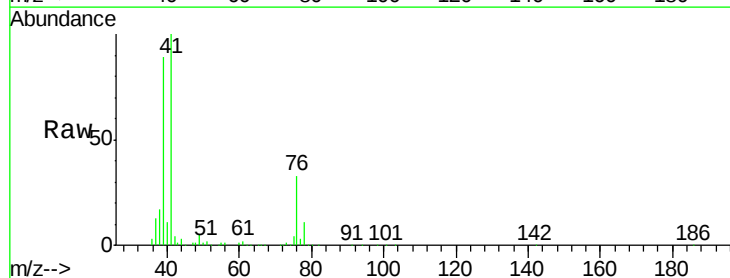
Tgt Ion: 41 Resp: 599361

Ion Ratio Lower Upper

41 100

39 88.8 41.0 123.2

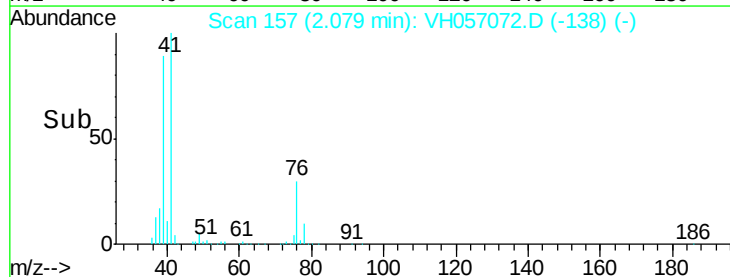
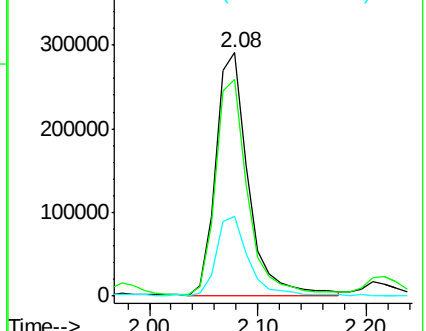
76 32.7 14.3 42.9

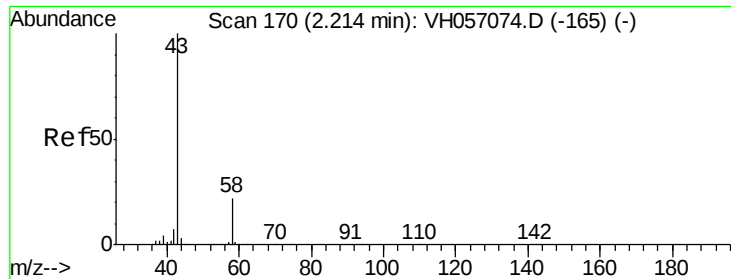


Abundance Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

Ion 76.00 (75.70 to 76.70): VH0





#17

Acetone

Concen: 195.92 ug/l

RT: 2.22 min Scan# 170

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

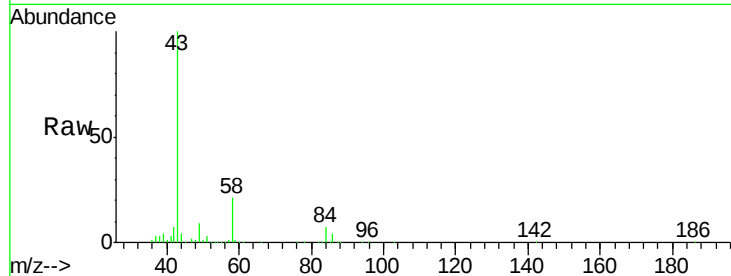
VSTDIC040

Tgt Ion: 43 Resp: 1326648

Ion Ratio Lower Upper

43 100

58 21.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VH057074.D (-165) (-)

Ion 58.00 (57.70 to 58.70): VH057074.D (-165) (-)

800000

600000

400000

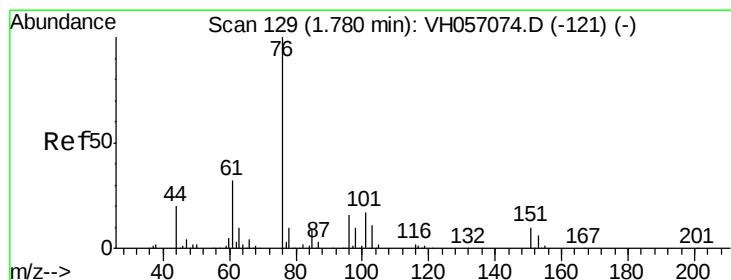
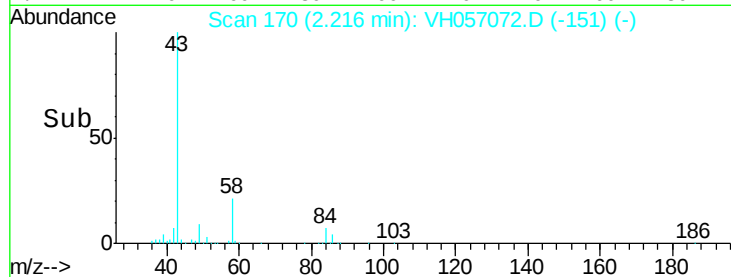
200000

0

2.10 2.15 2.20 2.25 2.30

2.22

Time-->



#18

Carbon Disulfide

Concen: 34.50 ug/l

RT: 1.77 min Scan# 128

Delta R.T. -0.01 min

Lab File: VH057072.D

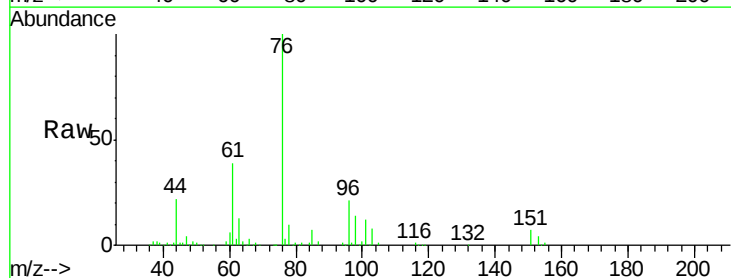
Acq: 17 Sep 2015 18:08

Tgt Ion: 76 Resp: 894751

Ion Ratio Lower Upper

76 100

78 10.2 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VH057074.D (-121) (-)

Ion 78.00 (77.70 to 78.70): VH057074.D (-121) (-)

250000

200000

150000

100000

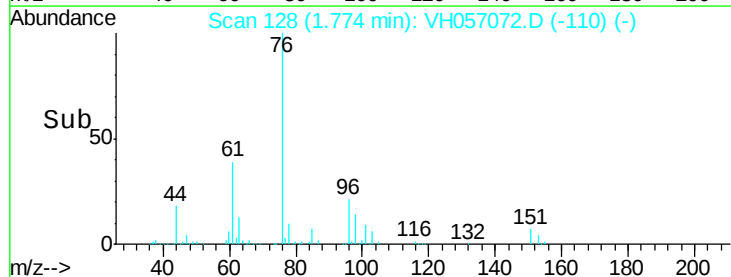
50000

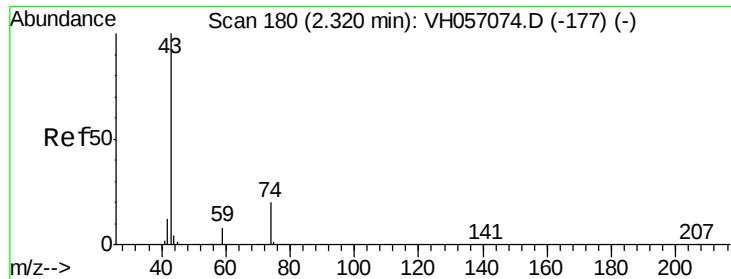
0

1.60 1.70 1.80 1.90 2.00

1.77

Time-->

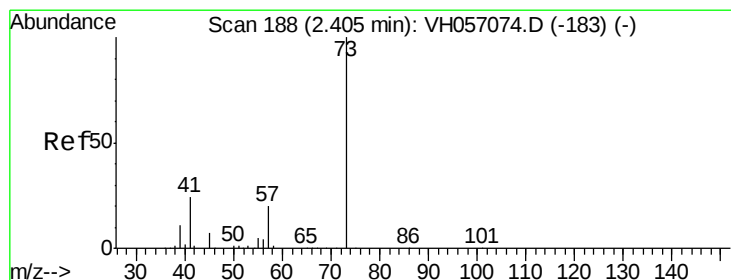
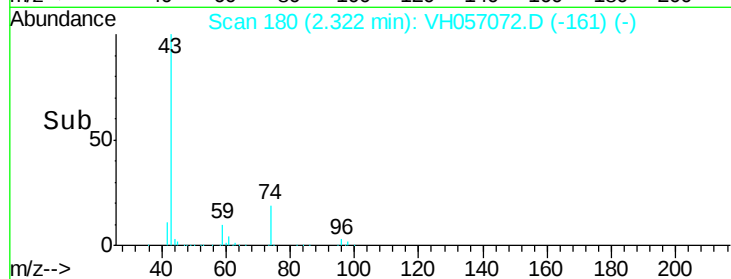
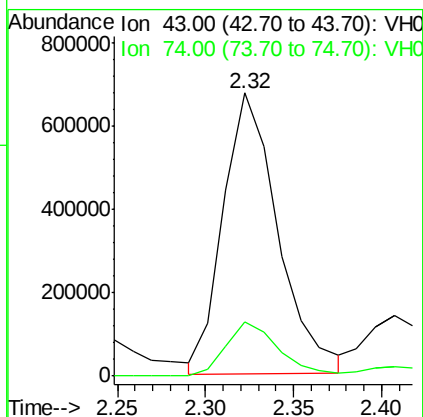
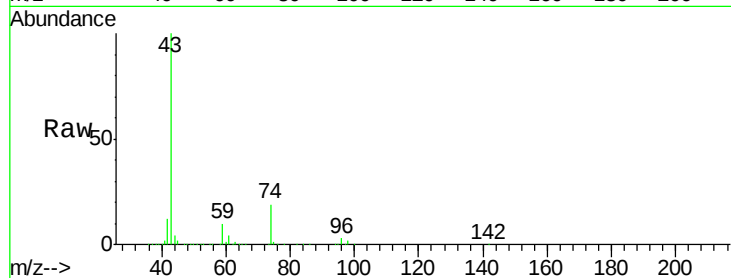




#19
Methyl Acetate
Concen: 30.12 ug/l
RT: 2.32 min Scan# 180
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

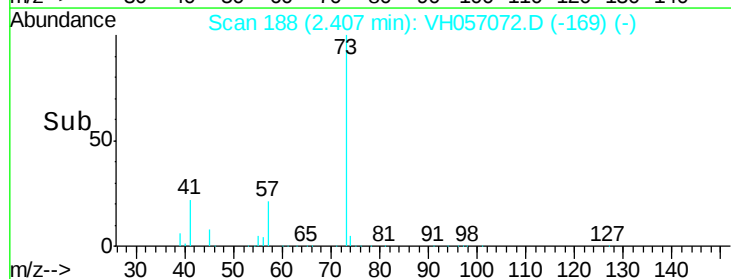
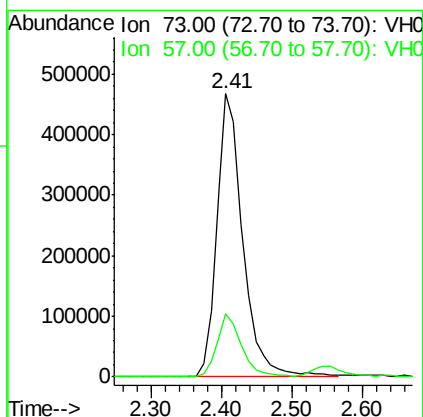
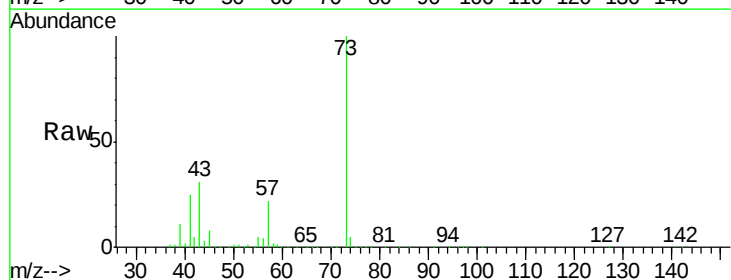
Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

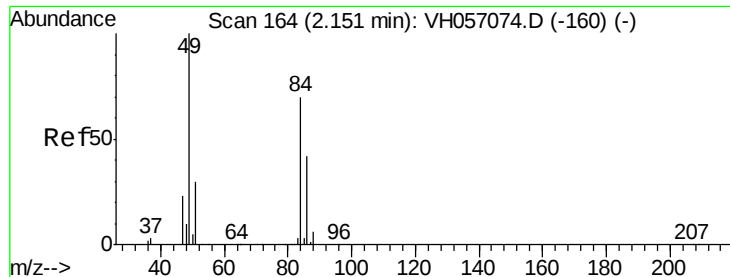
Tgt Ion: 43 Resp: 1454716
Ion Ratio Lower Upper
43 100
74 19.2 13.3 24.7



#20
Methyl tert-butyl Ether
Concen: 36.35 ug/l
RT: 2.41 min Scan# 188
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 73 Resp: 1196220
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0





#21

Methylene Chloride

Concen: 20.06 ug/l

RT: 2.15 min Scan# 164

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

Tgt Ion: 84 Resp: 192861

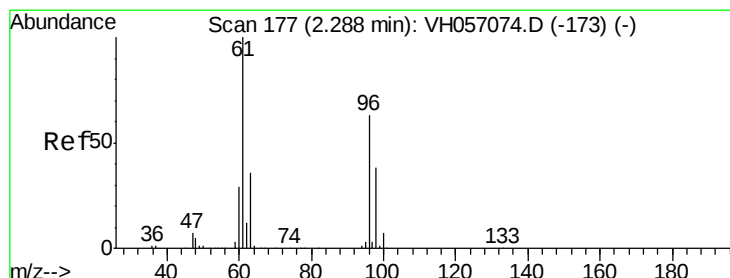
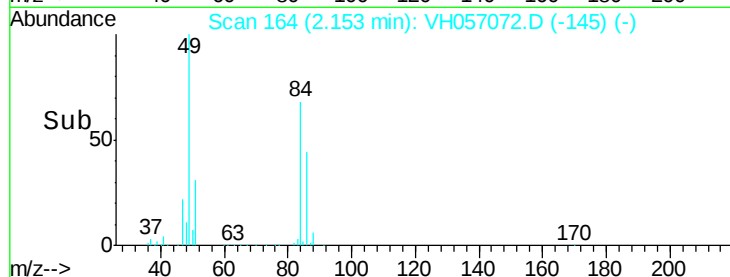
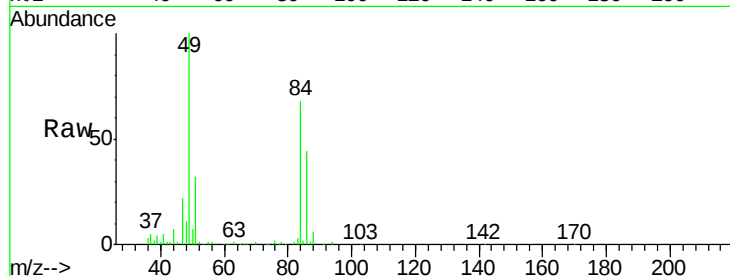
Ion	Ratio	Lower	Upper
84	100		
49	147.4	132.8	199.2
51	46.6	39.5	59.3
86	64.8	51.4	77.2

Abundance Ion 84.00 (83.70 to 84.70): VH0

Ion 49.00 (48.70 to 49.70): VH0

Ion 51.00 (50.70 to 51.70): VH0

Ion 86.00 (85.70 to 86.70): VH0



#22

trans-1,2-Dichloroethene

Concen: 34.93 ug/l

RT: 2.29 min Scan# 177

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

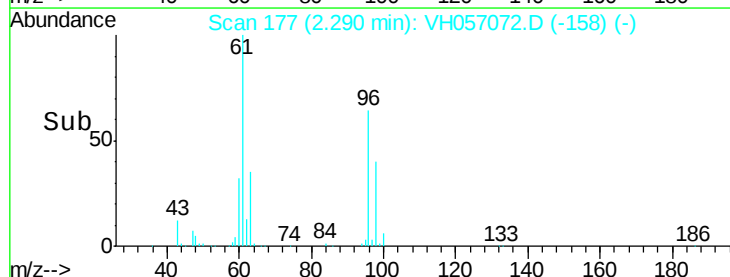
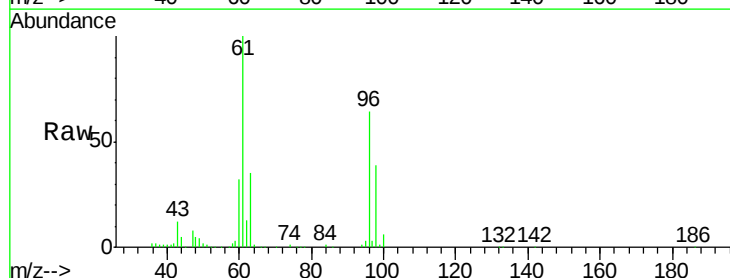
Tgt Ion: 96 Resp: 325173

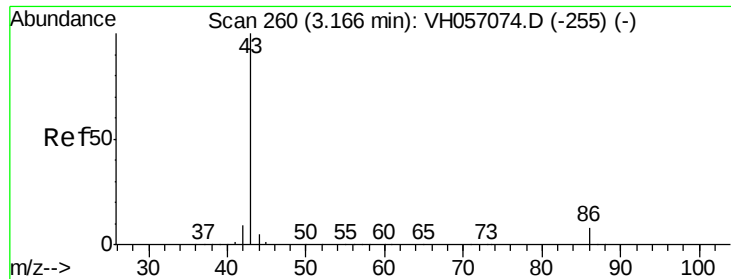
Ion	Ratio	Lower	Upper
96	100		
61	156.4	131.7	197.5
98	61.7	49.5	74.3

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





#23

Vinyl Acetate

Concen: 181.14 ug/l

RT: 3.17 min Scan# 260

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

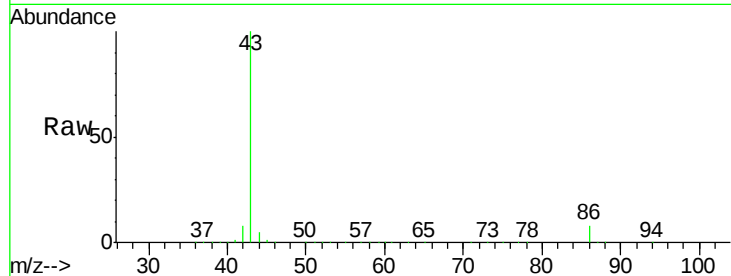
VSTDIC040

Tgt Ion: 43 Resp: 3423747

Ion Ratio Lower Upper

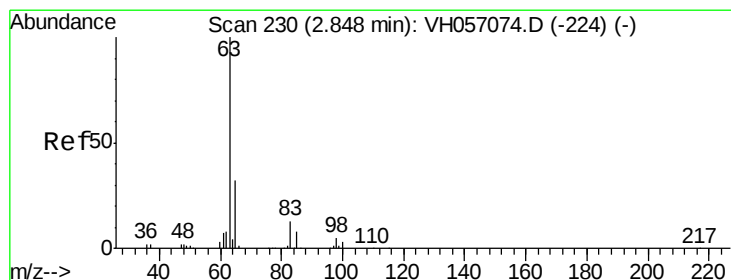
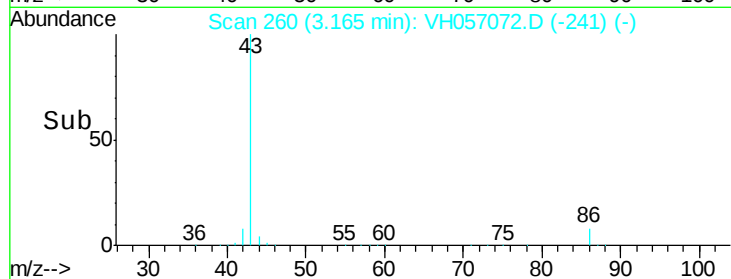
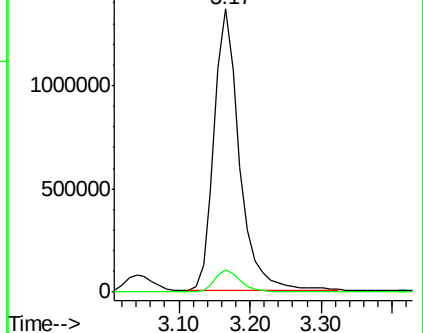
43 100

86 7.8 6.2 9.2



Abundance Ion 43.00 (42.70 to 43.70): VH057072.D (-255) (-)

Ion 86.00 (85.70 to 86.70): VH057072.D (-255) (-)



#24

1,1-Dichloroethane

Concen: 34.80 ug/l

RT: 2.85 min Scan# 230

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

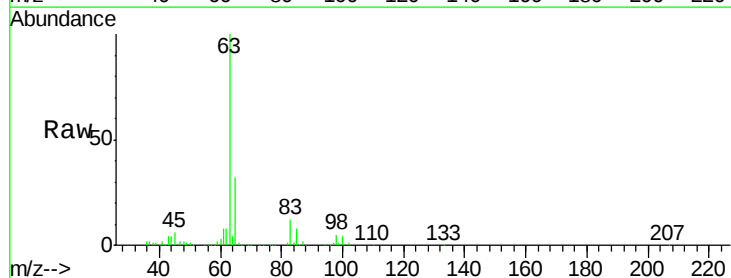
Tgt Ion: 63 Resp: 704211

Ion Ratio Lower Upper

63 100

98 4.8 2.6 7.8

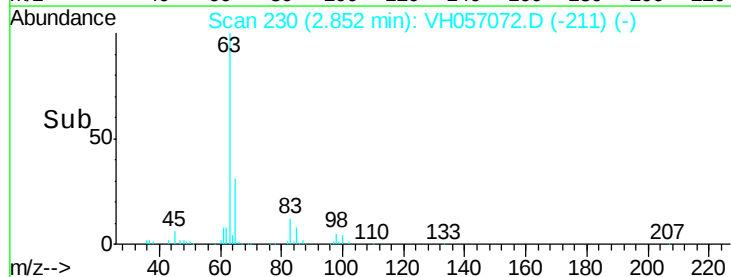
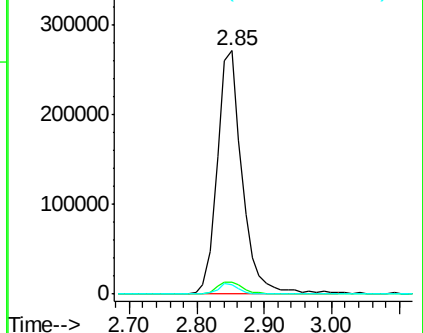
100 3.8 1.7 5.0

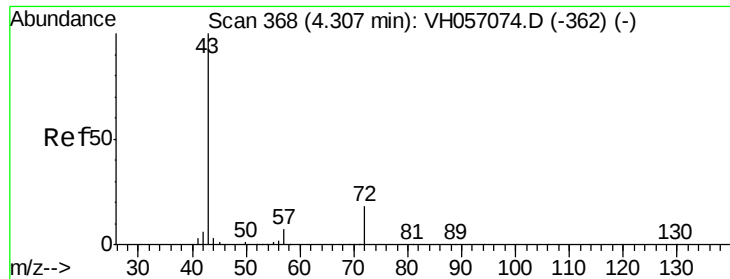


Abundance Ion 63.00 (62.70 to 63.70): VH057072.D (-211) (-)

Ion 98.00 (97.70 to 98.70): VH057072.D (-211) (-)

Ion 100.00 (99.70 to 100.70): VH057072.D (-211) (-)





#25

2-Butanone

Concen: 177.51 ug/l

RT: 4.31 min Scan# 368

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

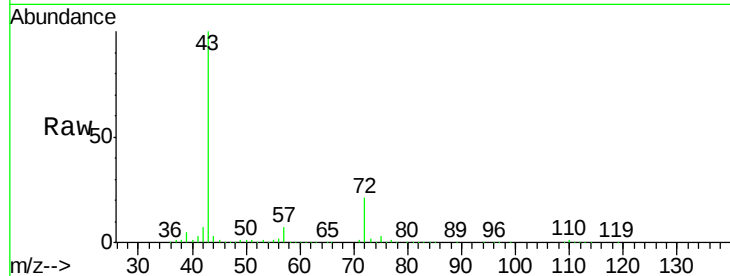
VSTDIC040

Tgt Ion: 43 Resp: 2653118

Ion Ratio Lower Upper

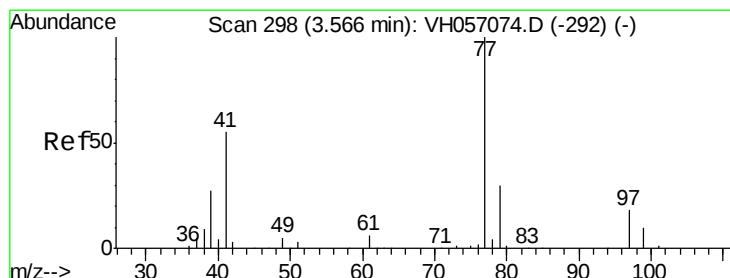
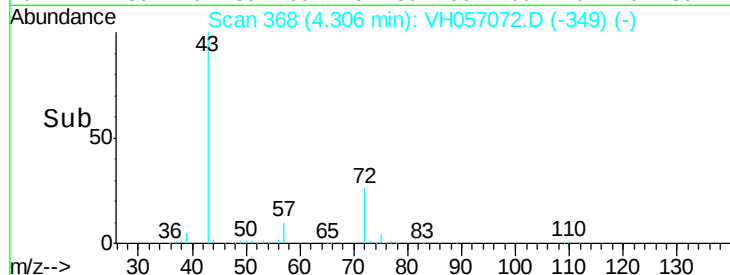
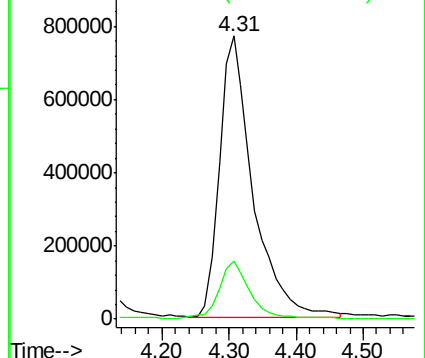
43 100

72 20.6 0.0 39.2



Abundance Ion 43.00 (42.70 to 43.70): VH0

Ion 72.00 (71.70 to 72.70): VH0



#26

2,2-Dichloropropane

Concen: 39.92 ug/l

RT: 3.57 min Scan# 298

Delta R.T. 0.00 min

Lab File: VH057072.D

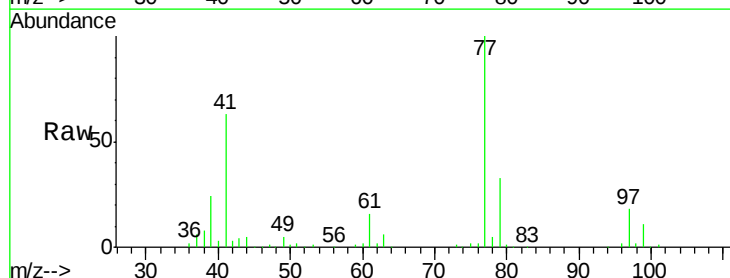
Acq: 17 Sep 2015 18:08

Tgt Ion: 77 Resp: 443756

Ion Ratio Lower Upper

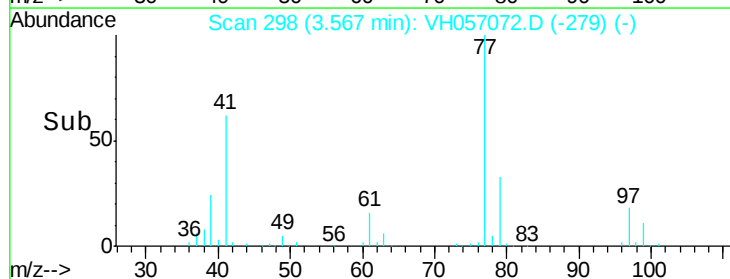
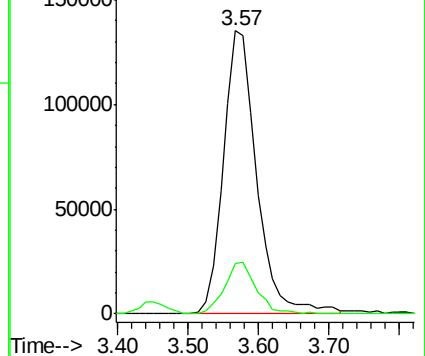
77 100

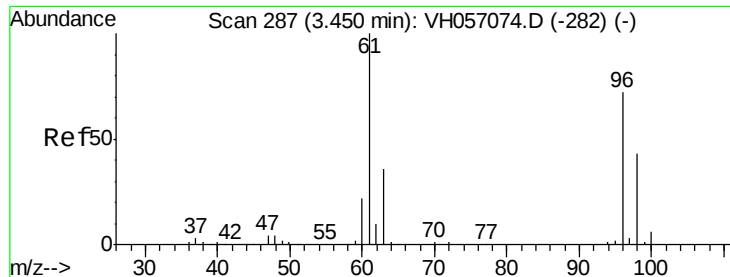
97 18.0 8.8 26.4



Abundance Ion 77.00 (76.70 to 77.70): VH0

Ion 97.00 (96.70 to 97.70): VH0





#27

cis-1,2-Dichloroethene

Concen: 39.76 ug/l

RT: 3.45 min Scan# 287

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

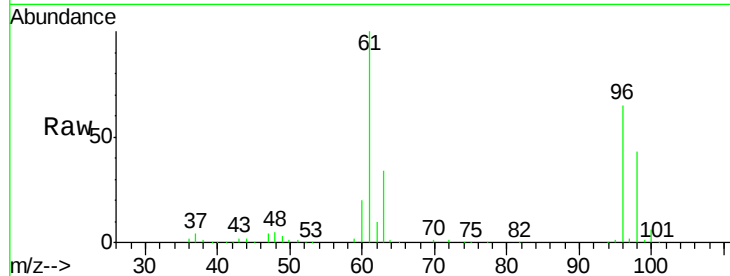
Tgt Ion: 96 Resp: 466507

Ion Ratio Lower Upper

96 100

61 153.0 115.4 173.0

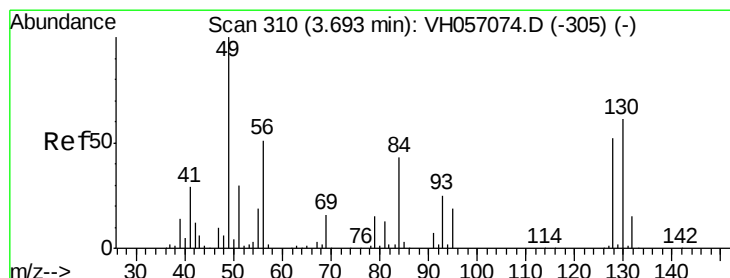
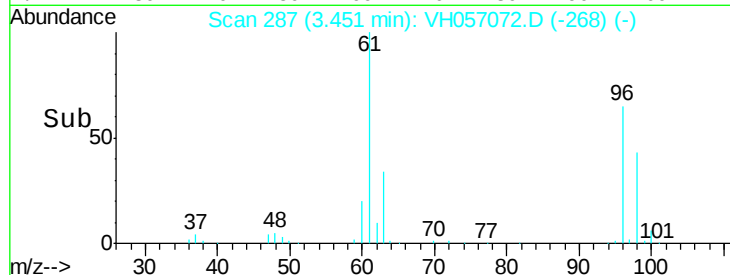
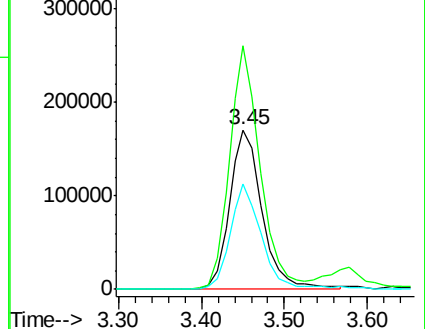
98 66.1 49.7 74.5



Abundance Ion 96.00 (95.70 to 96.70): VH057072.D (-282) (-)

Ion 61.00 (60.70 to 61.70): VH057072.D (-282) (-)

Ion 98.00 (97.70 to 98.70): VH057072.D (-282) (-)



#28

Bromochloromethane

Concen: 37.12 ug/l

RT: 3.69 min Scan# 310

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

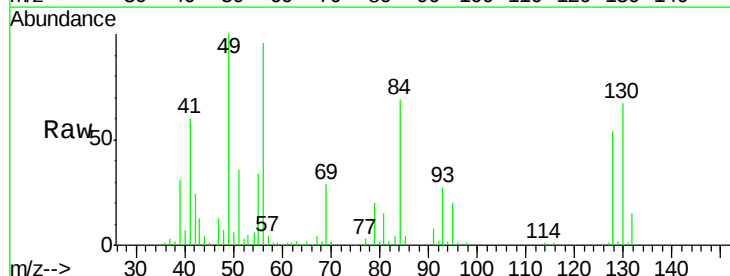
Tgt Ion: 128 Resp: 162558

Ion Ratio Lower Upper

128 100

49 184.6 0.0 441.4

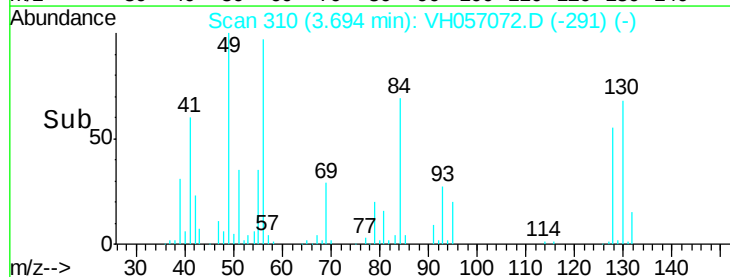
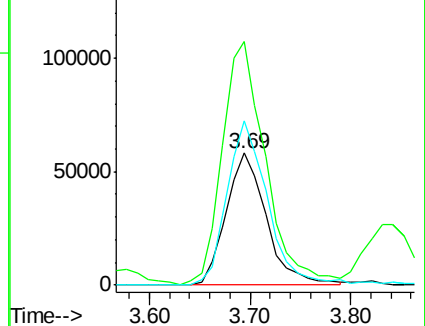
130 124.6 100.7 151.1

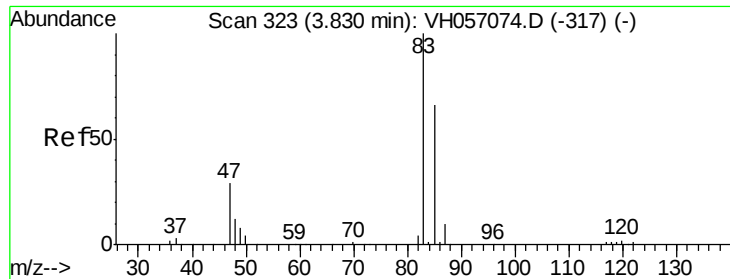


Abundance Ion 128.00 (127.70 to 128.70): VH057072.D (-305) (-)

Ion 49.00 (48.70 to 49.70): VH057072.D (-305) (-)

Ion 130.00 (129.70 to 130.70): VH057072.D (-305) (-)





#29

Chloroform

Concen: 39.24 ug/l

RT: 3.83 min Scan# 323

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

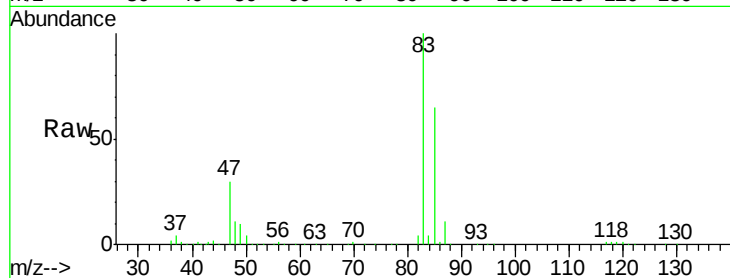
VSTDIC040

Tgt Ion: 83 Resp: 832244

Ion Ratio Lower Upper

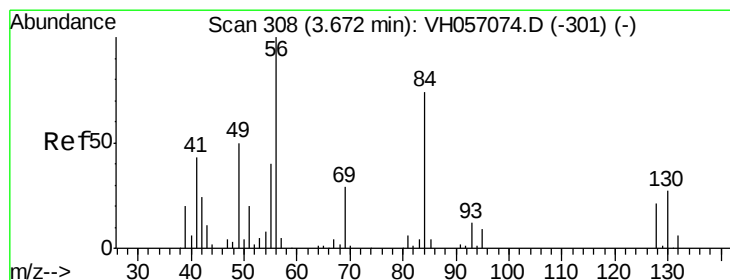
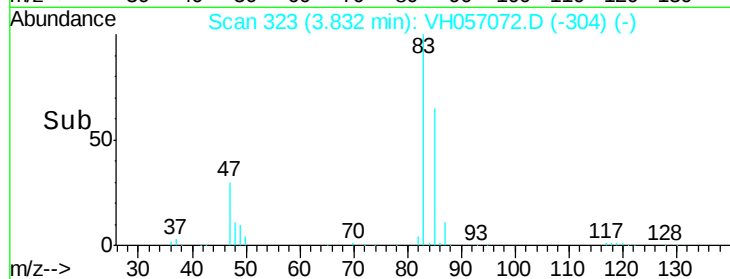
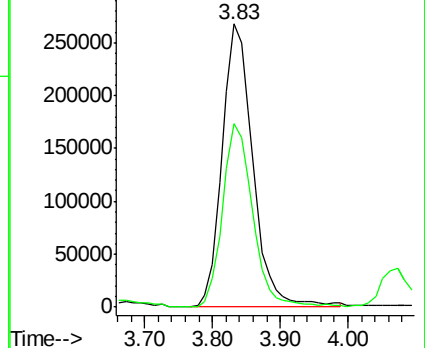
83 100

85 64.8 54.3 81.5



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 85.00 (84.70 to 85.70): VH0



#30

Cyclohexane

Concen: 36.31 ug/l

RT: 3.67 min Scan# 308

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

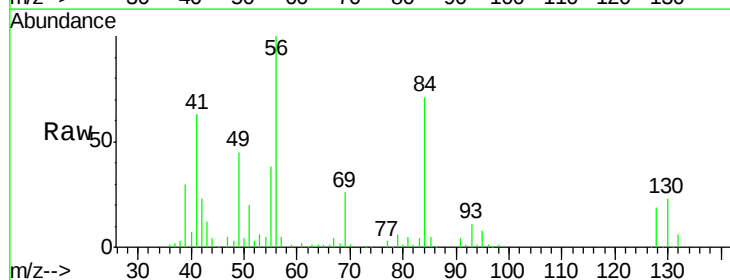
Tgt Ion: 56 Resp: 561032

Ion Ratio Lower Upper

56 100

69 25.8 18.1 33.7

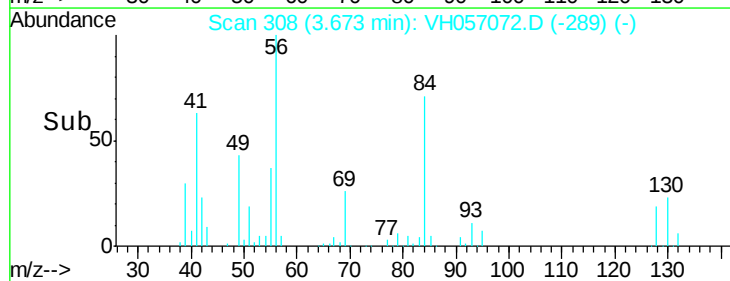
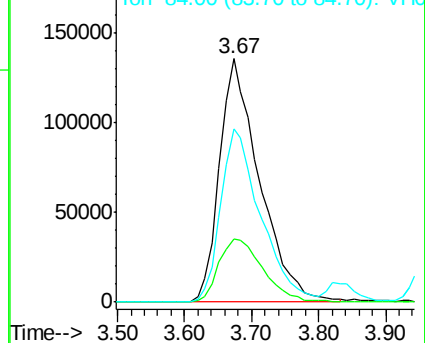
84 71.1 0.0 136.8

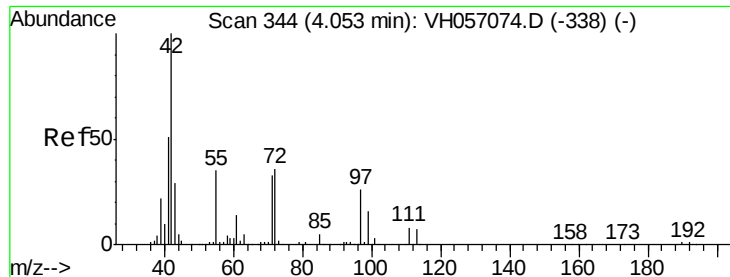


Abundance Ion 56.00 (55.70 to 56.70): VH0

Ion 69.00 (68.70 to 69.70): VH0

Ion 84.00 (83.70 to 84.70): VH0

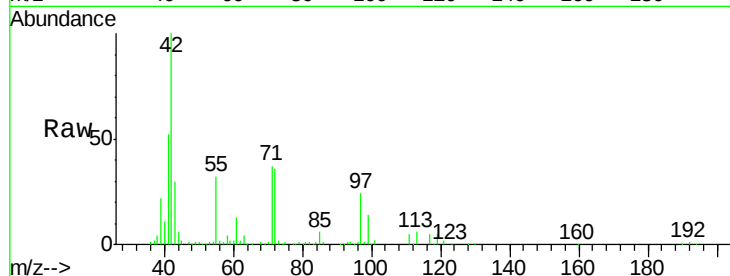




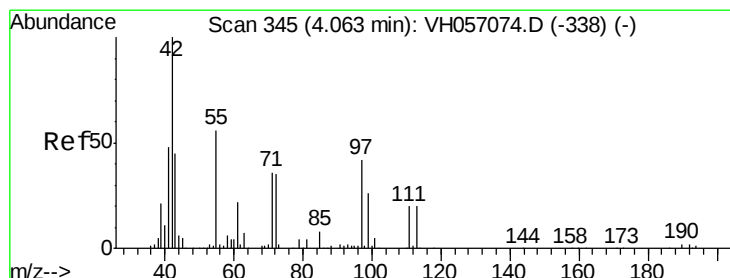
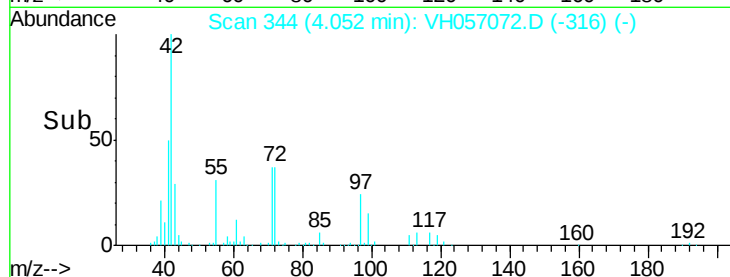
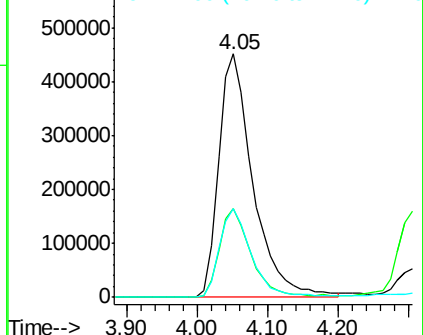
#31
Tetrahydrofuran
Concen: 175.53 ug/l
RT: 4.05 min Scan# 344
Delta R.T. -0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Instrument :
MSVOA_H
ClientSampled :
VSTDIC040

Tgt Ion: 42 Resp: 1524556
Ion Ratio Lower Upper
42 100
72 34.0 25.5 38.3
71 34.1 25.4 38.0

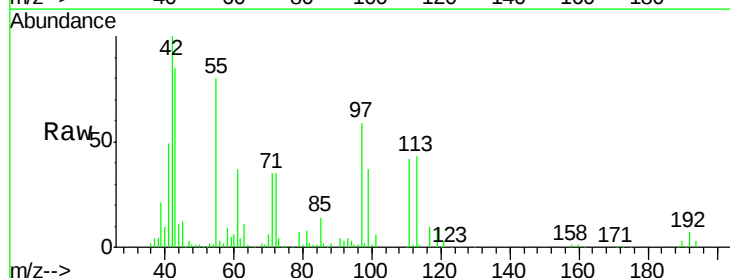


Abundance Ion 42.00 (41.70 to 42.70): VH0
Ion 72.00 (71.70 to 72.70): VH0
Ion 71.00 (70.70 to 71.70): VH0

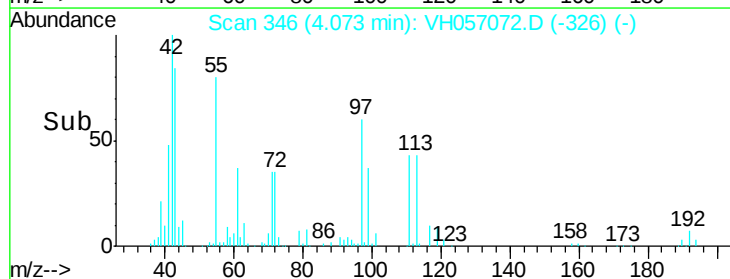
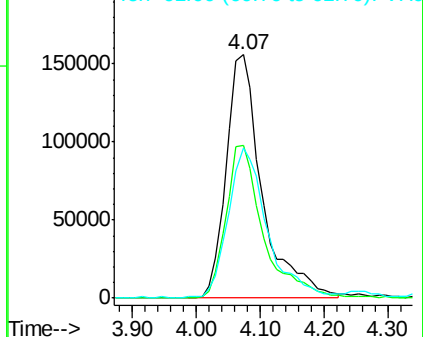


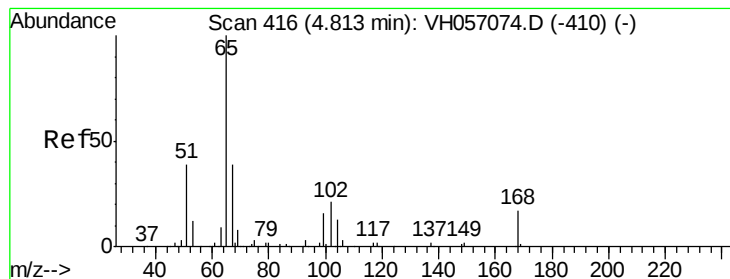
#32
1,1,1-Trichloroethane
Concen: 41.51 ug/l
RT: 4.07 min Scan# 346
Delta R.T. 0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 97 Resp: 611261
Ion Ratio Lower Upper
97 100
99 62.7 49.8 74.6
61 61.9 45.0 67.4



Abundance Ion 97.00 (96.70 to 97.70): VH0
Ion 99.00 (98.70 to 99.70): VH0
Ion 61.00 (60.70 to 61.70): VH0





#33

1,2-Dichloroethane-d4

Concen: 45.56 ug/l

RT: 4.81 min Scan# 416

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

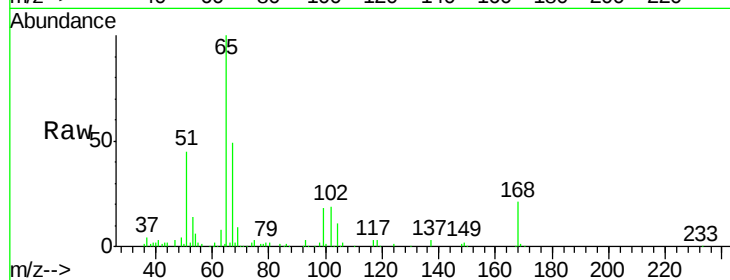
VSTDIC040

Tgt Ion: 65 Resp: 596855

Ion Ratio Lower Upper

65 100

67 49.2 43.2 64.8



Abundance Ion 65.00 (64.70 to 65.70): VH0

Ion 67.00 (66.70 to 67.70): VH0

250000

200000

150000

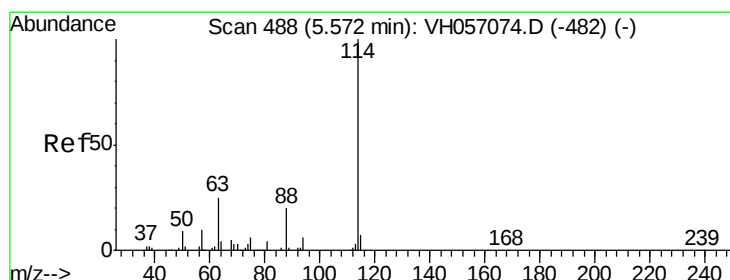
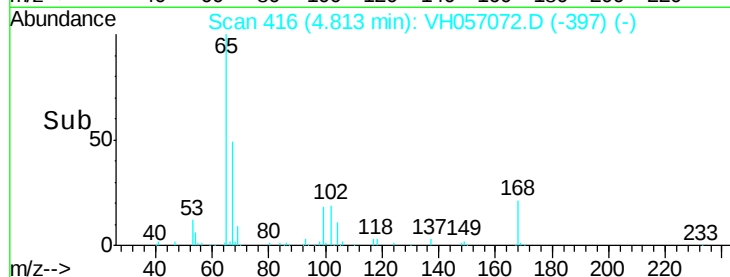
100000

50000

0

4.70 4.75 4.80 4.85 4.90

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.57 min Scan# 488

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

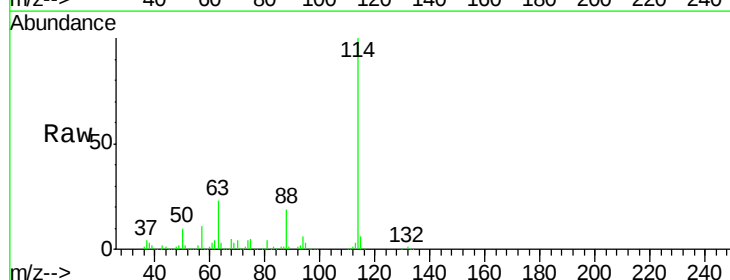
Tgt Ion: 114 Resp: 1519789

Ion Ratio Lower Upper

114 100

63 23.3 19.0 28.4

88 19.2 15.7 23.5



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VH0

Ion 88.00 (87.70 to 88.70): VH0

600000

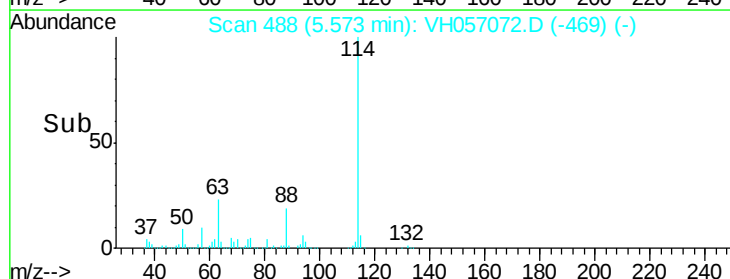
400000

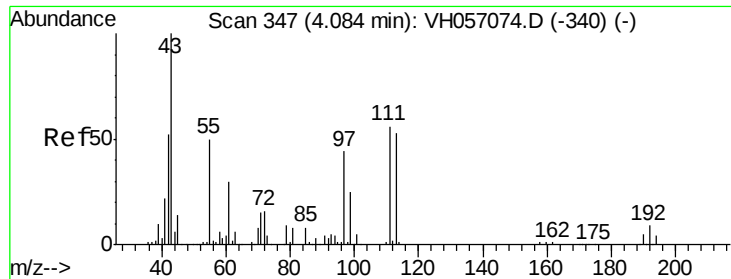
200000

0

5.40 5.50 5.60 5.70 5.80

Time-->





#35

Dibromofluoromethane

Concen: 43.86 ug/l

RT: 4.08 min Scan# 347

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

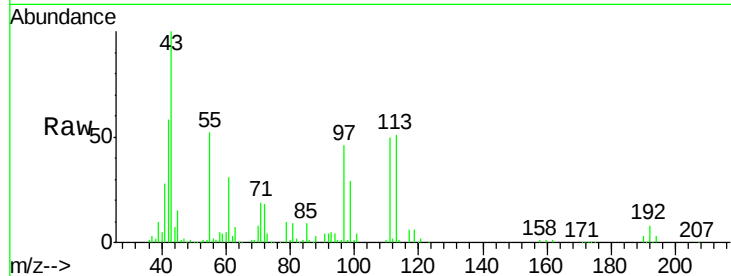
Tgt Ion: 113 Resp: 482505

Ion Ratio Lower Upper

113 100

111 98.9 84.0 126.0

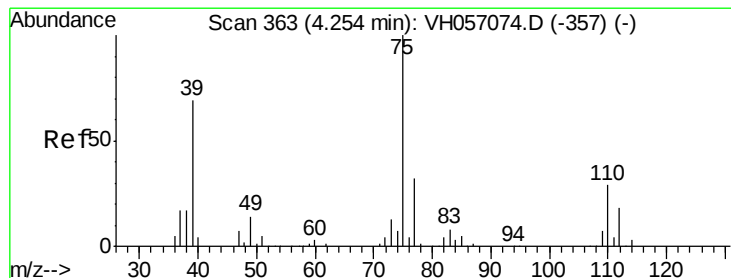
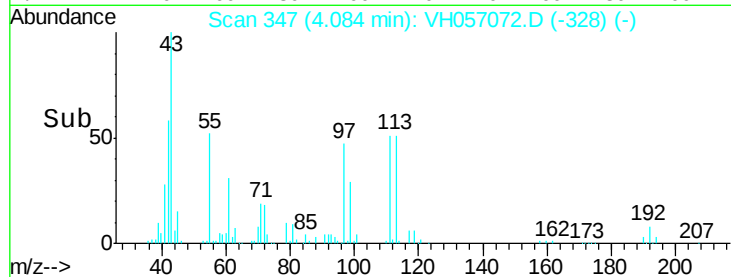
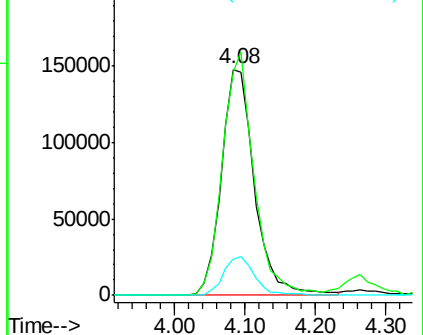
192 16.0 13.6 20.4



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



#36

1,1-Dichloropropene

Concen: 42.38 ug/l

RT: 4.26 min Scan# 364

Delta R.T. 0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

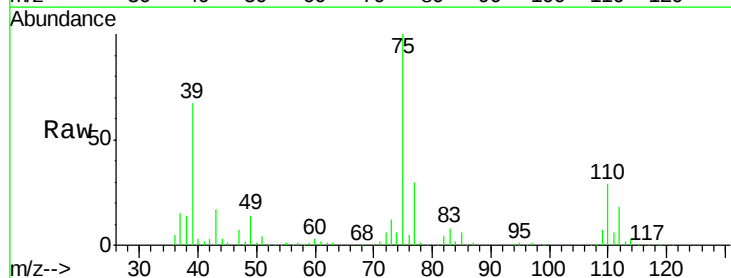
Tgt Ion: 75 Resp: 660457

Ion Ratio Lower Upper

75 100

110 28.7 13.7 41.1

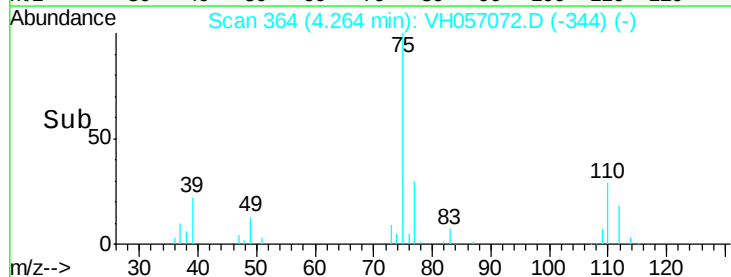
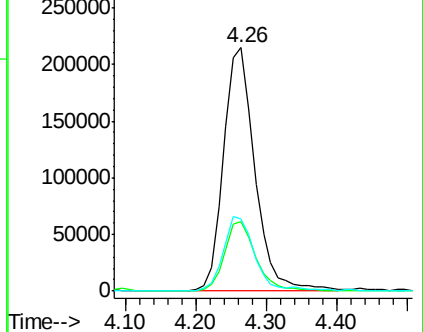
77 29.8 24.0 36.0

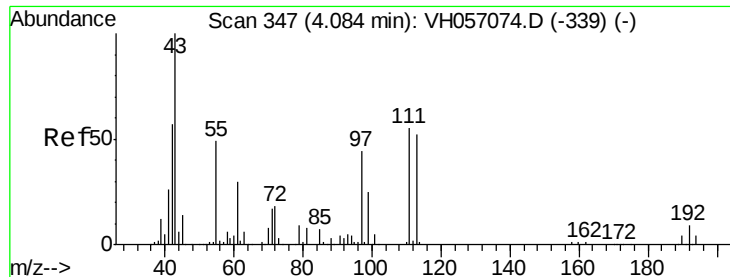


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): V





#37

Ethyl acetate

Concen: 37.63 ug/l

RT: 4.09 min Scan# 348

Delta R.T. 0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampled :

VSTDIC040

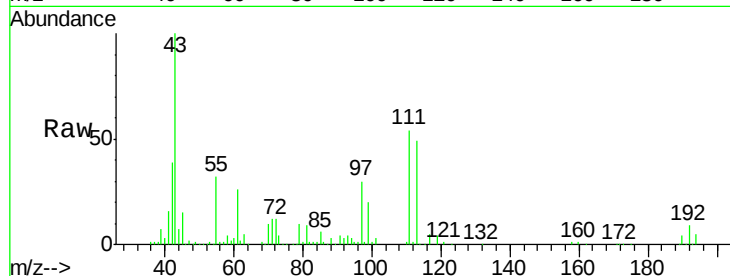
Tgt Ion: 43 Resp: 1226549

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

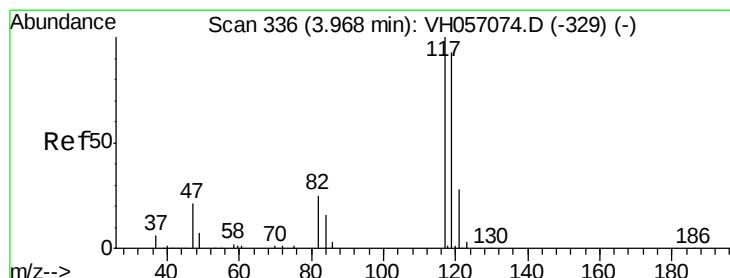
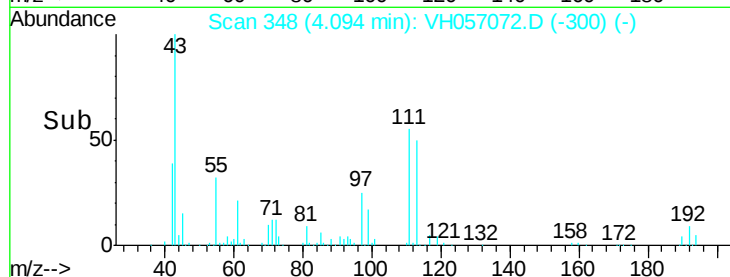
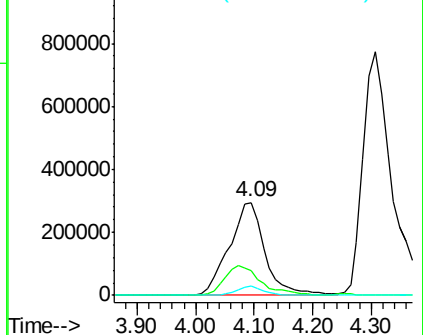
70 7.3 5.4 8.0



Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 70.05 (69.75 to 70.75): VH0



#38

Carbon Tetrachloride

Concen: 41.01 ug/l

RT: 3.97 min Scan# 336

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

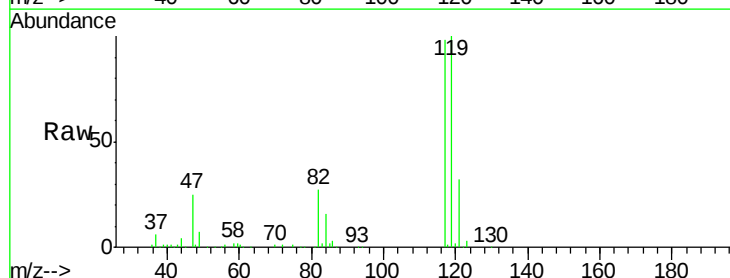
Tgt Ion: 117 Resp: 503743

Ion Ratio Lower Upper

117 100

119 101.9 78.7 118.1

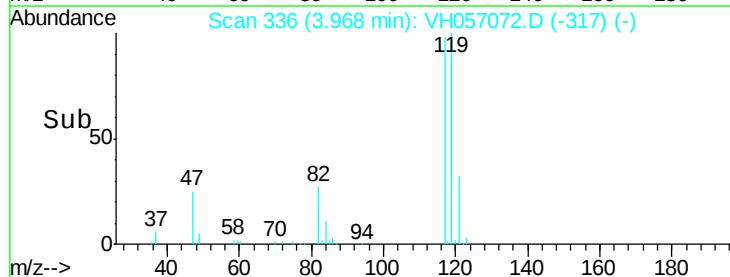
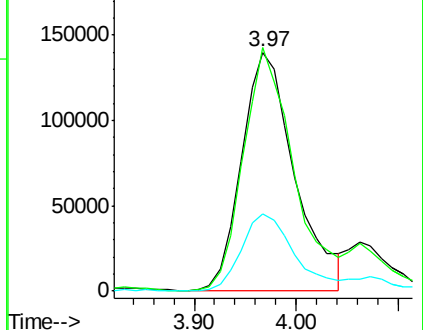
121 32.4 25.9 38.9

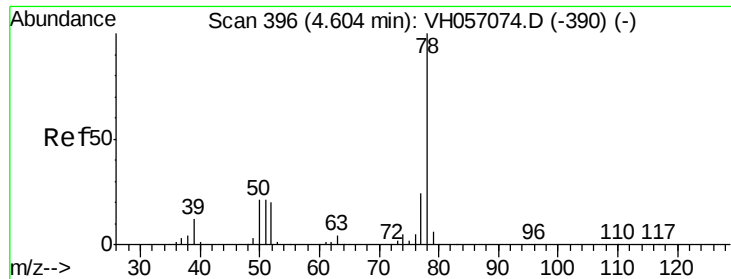


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#39

Benzene

Concen: 39.32 ug/l

RT: 4.61 min Scan# 397

Delta R.T. 0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

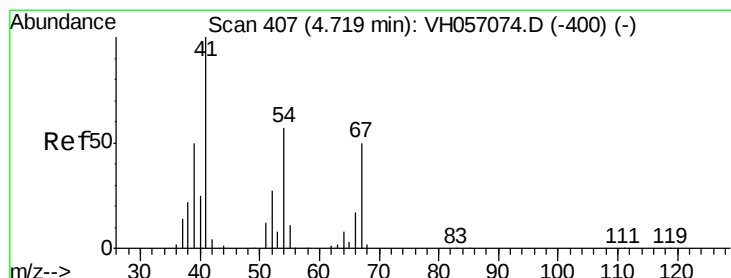
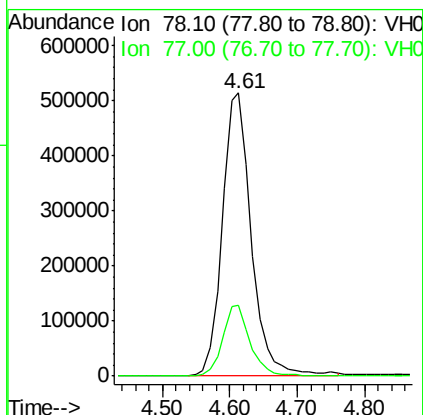
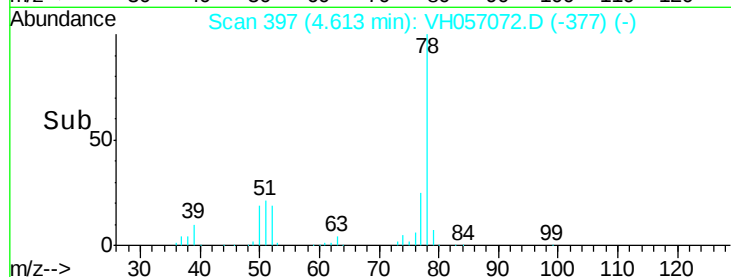
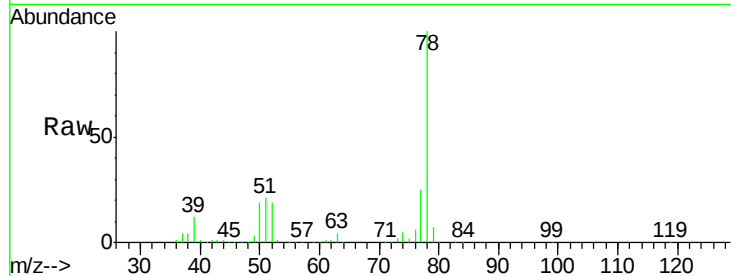
Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

Tgt Ion: 78 Resp: 1539626

Ion Ratio Lower Upper

78 100

77 25.2 18.5 27.7



#40

Methacrylonitrile

Concen: 36.49 ug/l

RT: 4.72 min Scan# 407

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Tgt Ion: 41 Resp: 551895

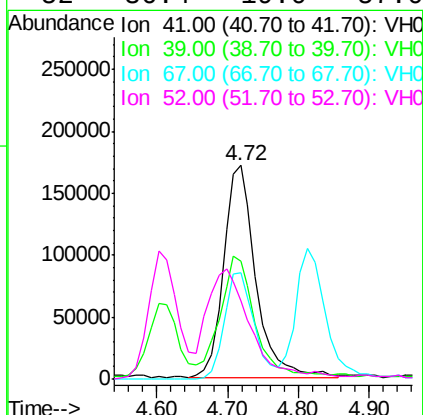
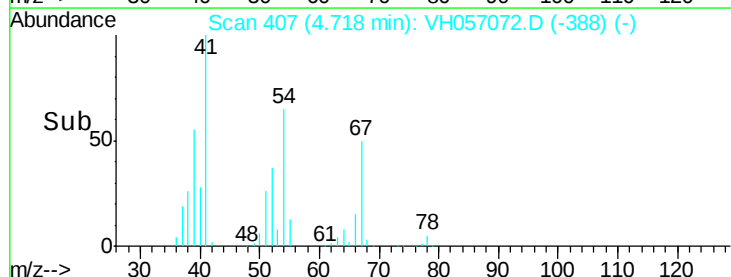
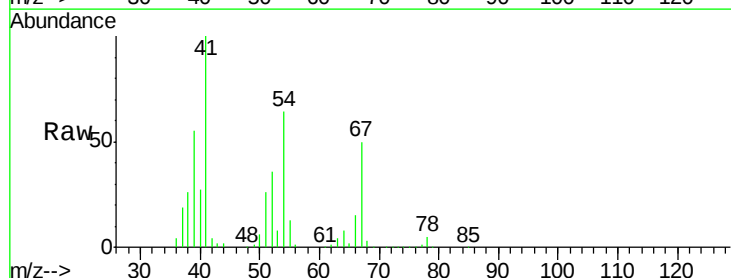
Ion Ratio Lower Upper

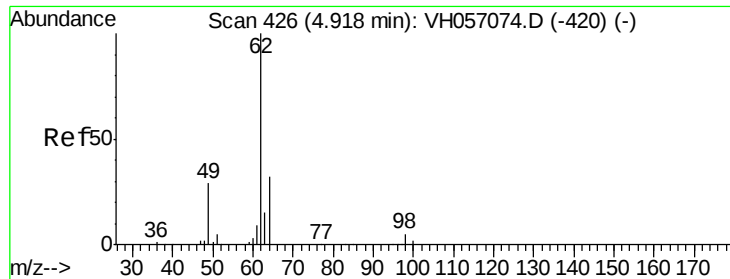
41 100

39 55.2 25.1 75.2

67 49.7 22.5 67.5

52 36.4 19.0 57.0





#41

1,2-Dichloroethane

Concen: 40.44 ug/l

RT: 4.91 min Scan# 425

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

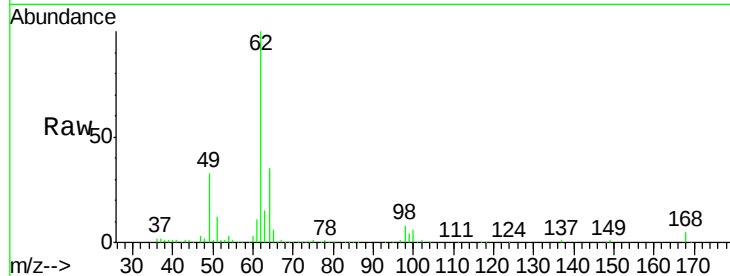
VSTDIC040

Tgt Ion: 62 Resp: 678746

Ion Ratio Lower Upper

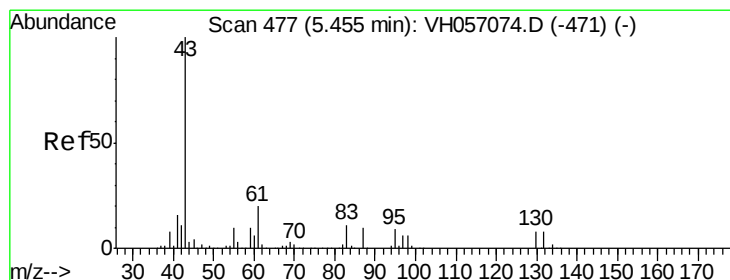
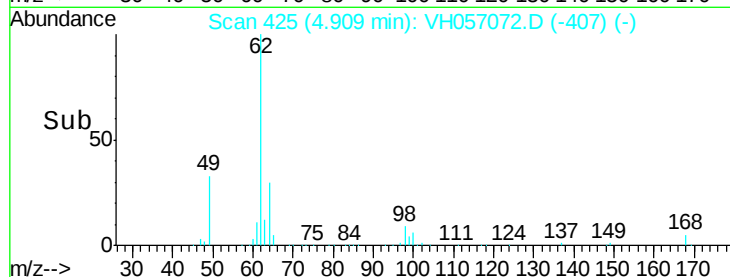
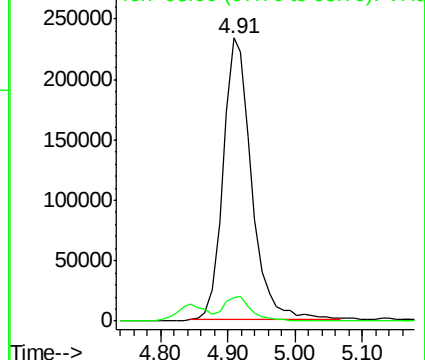
62 100

98 8.4 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VH0

Ion 98.00 (97.70 to 98.70): VH0



#42

Isopropyl Acetate

Concen: 37.94 ug/l

RT: 5.46 min Scan# 477

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

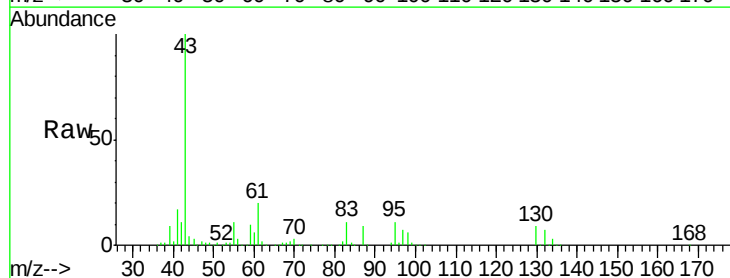
Tgt Ion: 43 Resp: 1598534

Ion Ratio Lower Upper

43 100

61 20.1 15.8 23.6

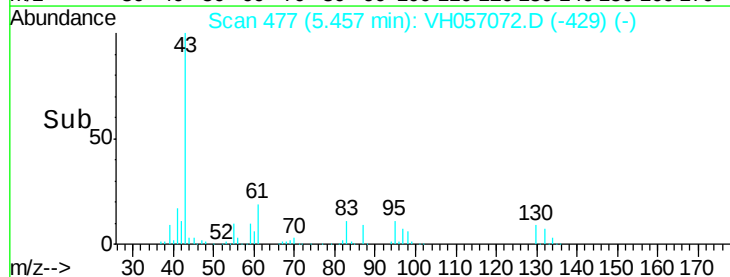
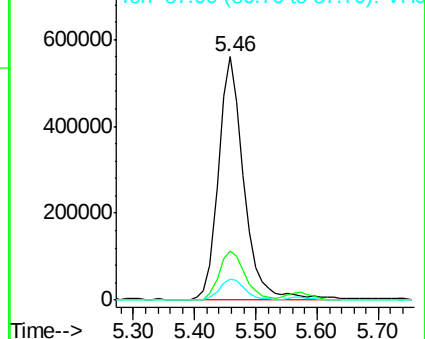
87 8.5 7.0 10.6

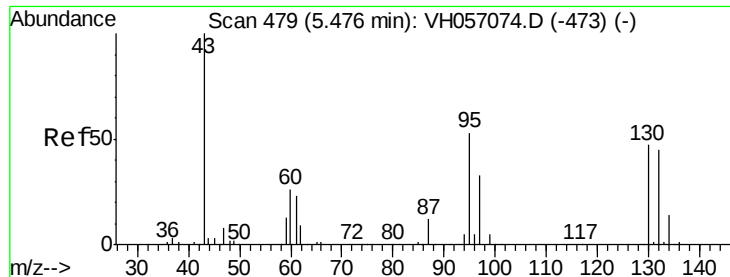


Abundance Ion 43.05 (42.75 to 43.75): VH0

Ion 61.00 (60.70 to 61.70): VH0

Ion 87.00 (86.70 to 87.70): VH0





#43

Trichloroethene

Concen: 40.34 ug/l

RT: 5.48 min Scan# 479

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

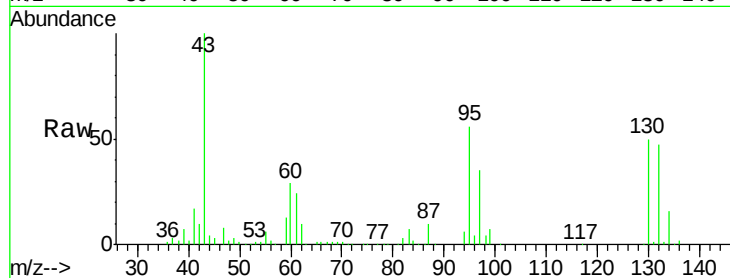
VSTDIC040

Tgt Ion:130 Resp: 392836

Ion Ratio Lower Upper

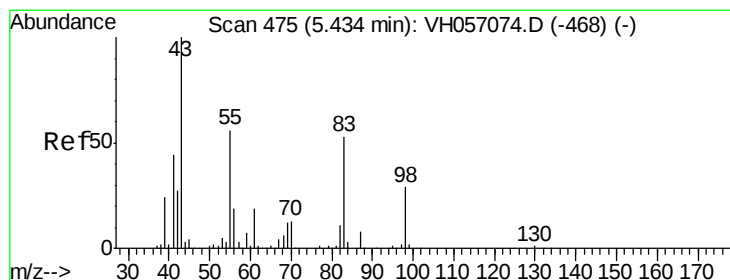
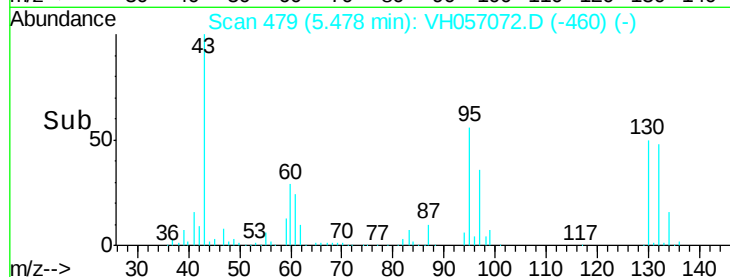
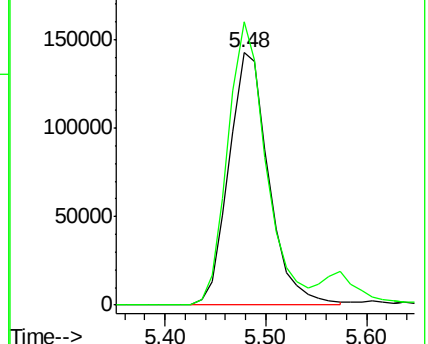
130 100

95 112.1 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: 37.81 ug/l

RT: 5.44 min Scan# 475

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

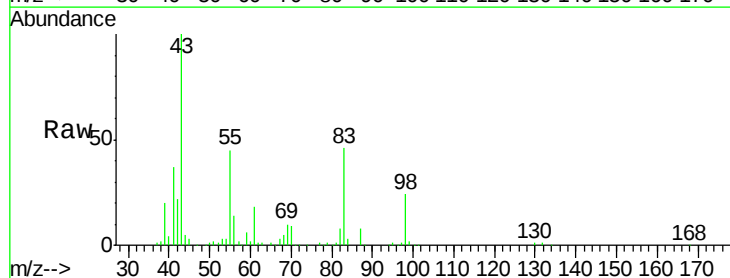
Tgt Ion: 83 Resp: 364707

Ion Ratio Lower Upper

83 100

55 98.9 0.0 207.2

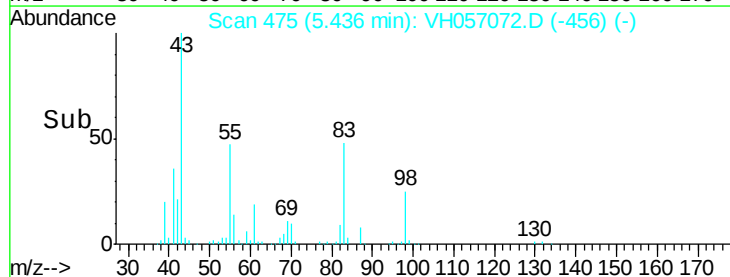
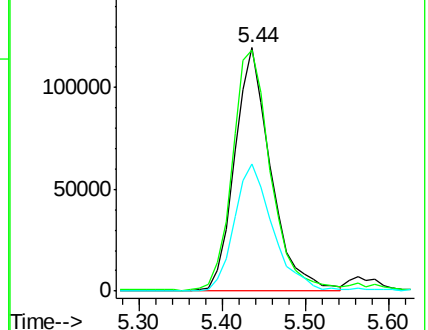
98 52.0 0.0 108.4

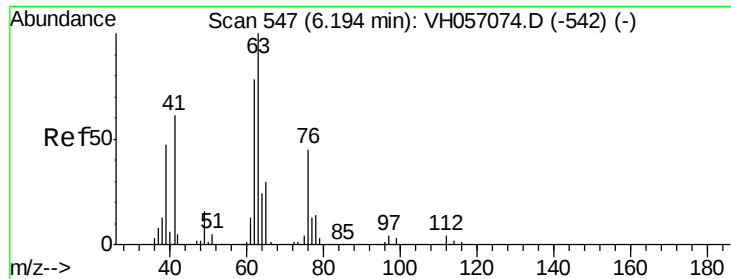


Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 55.00 (54.70 to 55.70): VH0

Ion 98.00 (97.70 to 98.70): VH0





#45

1,2-Dichloropropane

Concen: 38.85 ug/l

RT: 6.20 min Scan# 547

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

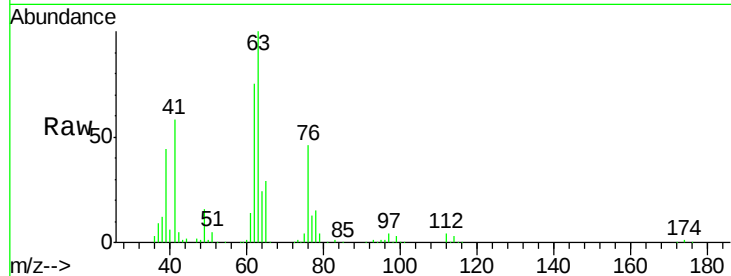
VSTDIC040

Tgt Ion: 63 Resp: 489281

Ion Ratio Lower Upper

63 100

65 29.2 23.8 35.8



Abundance Ion 63.00 (62.70 to 63.70): VH0

Ion 65.00 (64.70 to 65.70): VH0

6.20

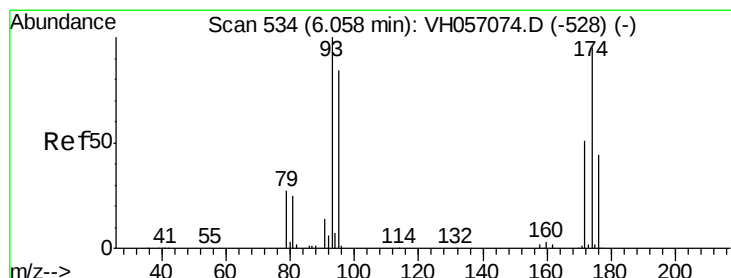
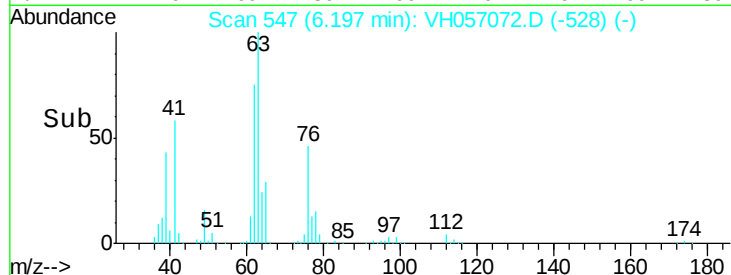
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 41.60 ug/l

RT: 6.06 min Scan# 534

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

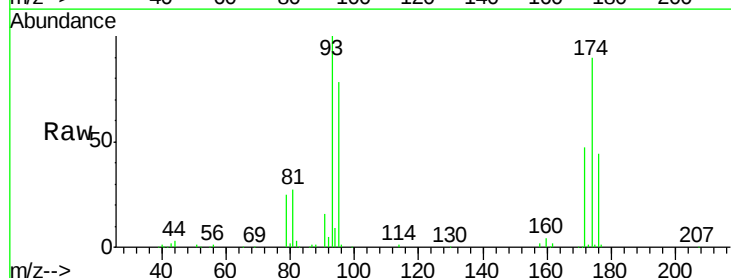
Tgt Ion: 93 Resp: 329215

Ion Ratio Lower Upper

93 100

95 78.1 69.5 104.3

174 90.0 75.8 113.6



Abundance Ion 93.00 (92.70 to 93.70): VH0

Ion 95.00 (94.70 to 95.70): VH0

Ion 174.00 (173.70 to 174.70): V

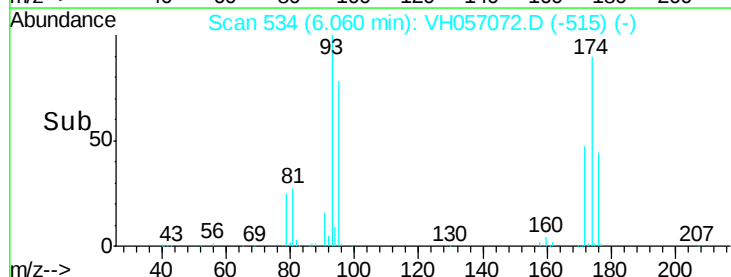
150000

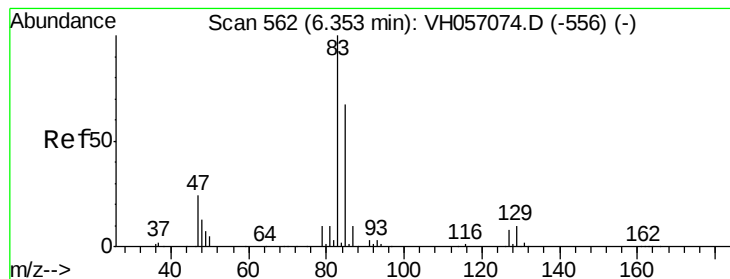
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 41.41 ug/l

RT: 6.36 min Scan# 562

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

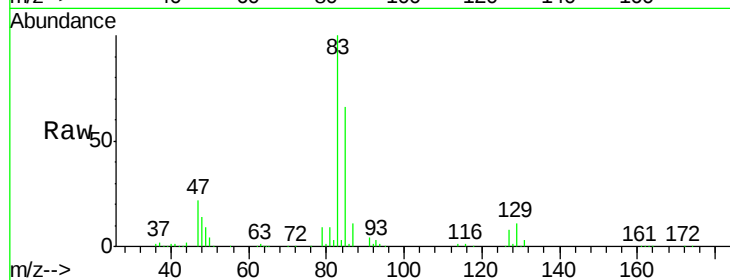
Tgt Ion: 83 Resp: 669062

Ion Ratio Lower Upper

83 100

85 65.9 52.6 78.8

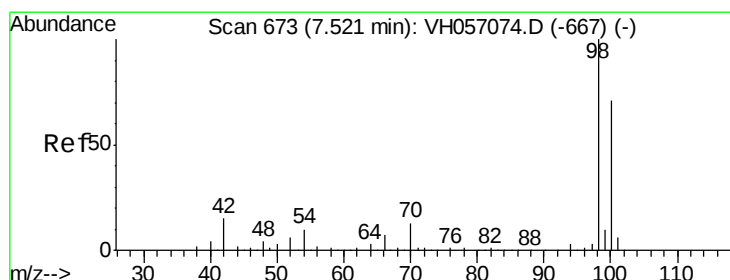
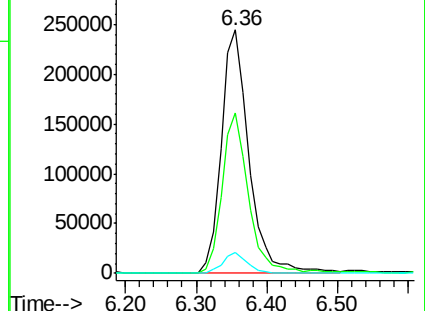
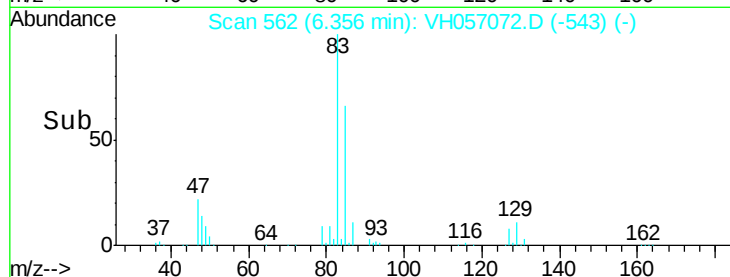
127 8.4 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 85.00 (84.70 to 85.70): VH0

Ion 127.00 (126.70 to 127.70): V



#48

Toluene-d8

Concen: 47.85 ug/l

RT: 7.51 min Scan# 672

Delta R.T. -0.01 min

Lab File: VH057072.D

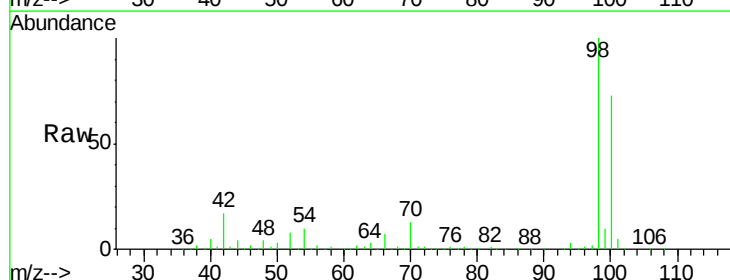
Acq: 17 Sep 2015 18:08

Tgt Ion: 98 Resp: 1397319

Ion Ratio Lower Upper

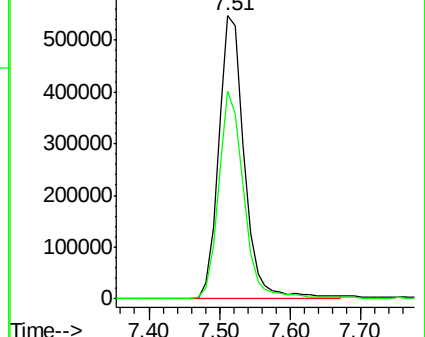
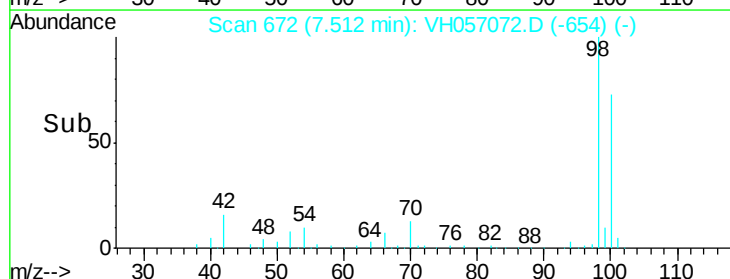
98 100

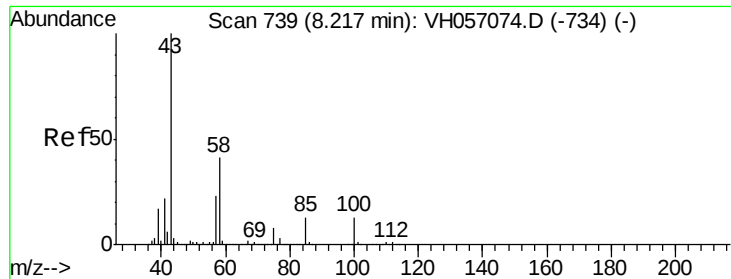
100 73.4 56.7 85.1



Abundance Ion 98.00 (97.70 to 98.70): VH0

Ion 100.00 (99.70 to 100.70): V





#49

4-Methyl-2-Pentanone

Concen: 186.16 ug/l

RT: 8.21 min Scan# 738

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

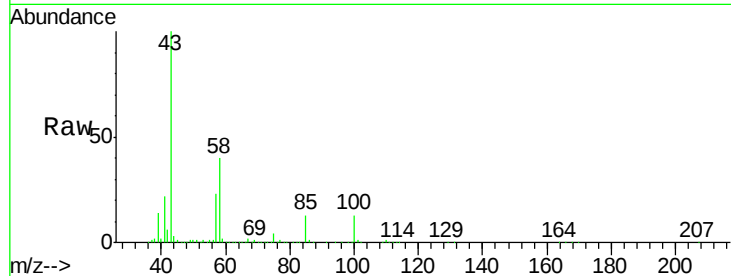
VSTDIC040

Tgt Ion: 43 Resp: 4809049

Ion Ratio Lower Upper

43 100

58 40.4 20.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VH057074.D (-734) (-)

Ion 58.00 (57.70 to 58.70): VH057074.D (-734) (-)

8.21

1500000

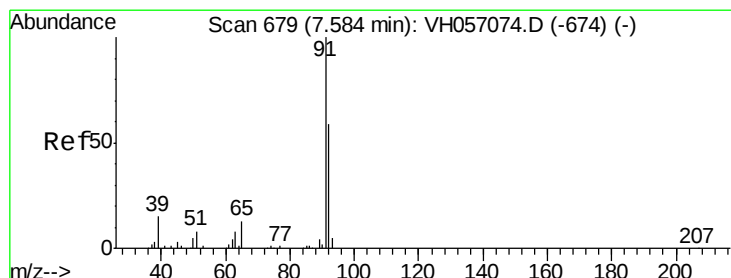
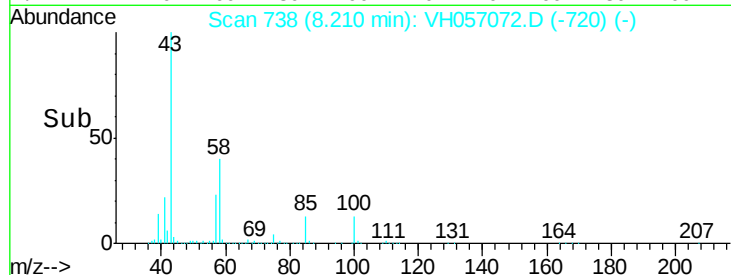
1000000

500000

0

8.10 8.20 8.30 8.40

Time-->



#50

Toluene

Concen: 39.72 ug/l

RT: 7.59 min Scan# 679

Delta R.T. 0.00 min

Lab File: VH057072.D

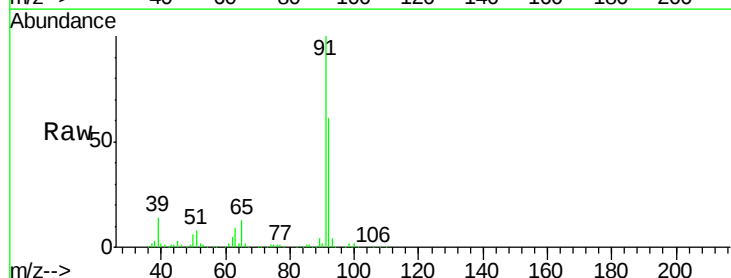
Acq: 17 Sep 2015 18:08

Tgt Ion: 92 Resp: 994555

Ion Ratio Lower Upper

92 100

91 162.8 125.8 188.6



Abundance Ion 92.00 (91.70 to 92.70): VH057074.D (-674) (-)

Ion 91.00 (90.70 to 91.70): VH057074.D (-674) (-)

7.59

800000

600000

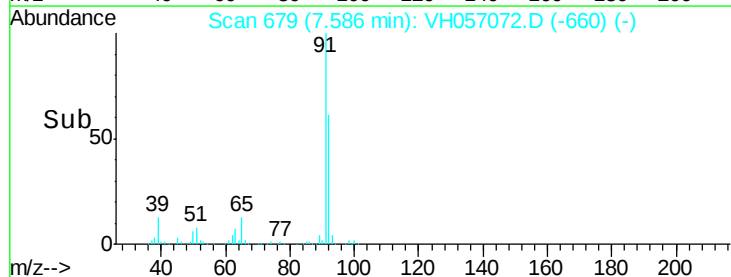
400000

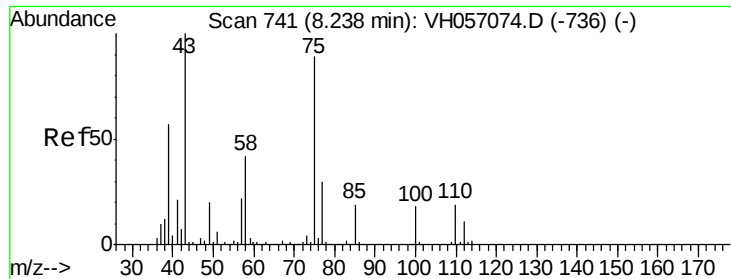
200000

0

7.50 7.60 7.70

Time-->





#51

t-1,3-Dichloropropene

Concen: 42.56 ug/l

RT: 8.23 min Scan# 740

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

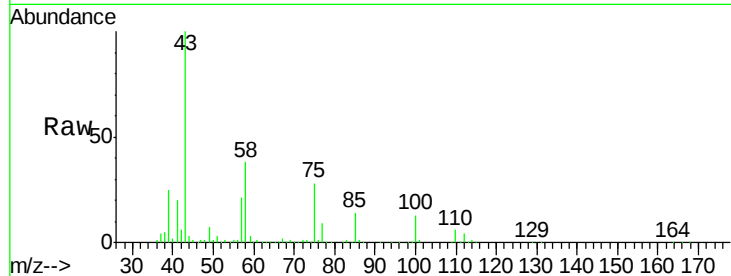
VSTDIC040

Tgt Ion: 75 Resp: 791710

Ion Ratio Lower Upper

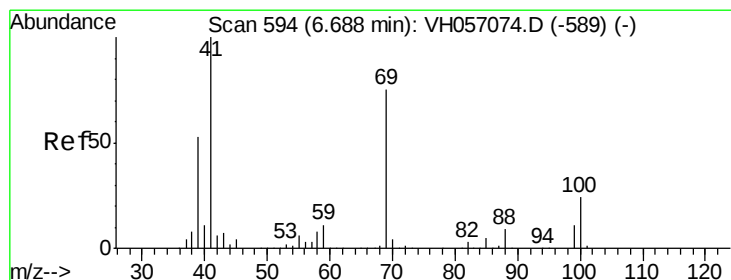
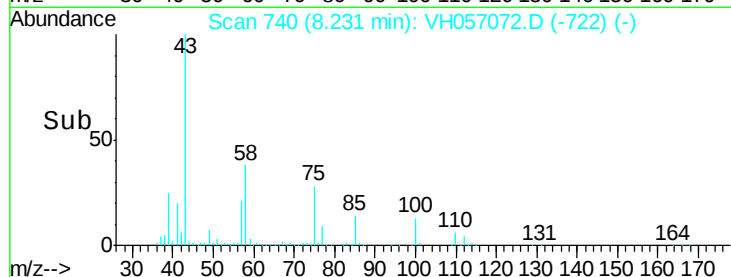
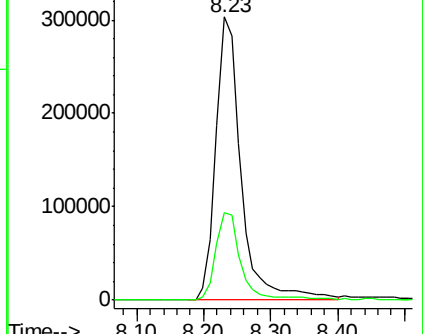
75 100

77 30.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0



#52

Methyl Methacrylate

Concen: 38.91 ug/l

RT: 6.69 min Scan# 594

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

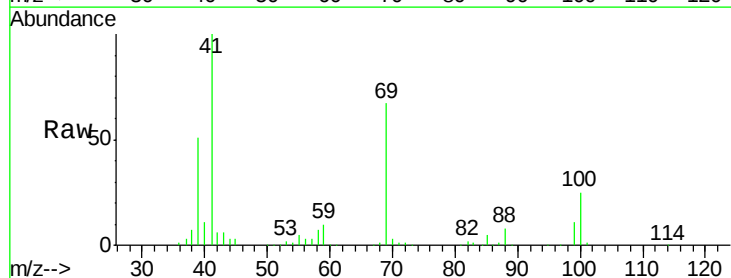
Tgt Ion: 69 Resp: 494108

Ion Ratio Lower Upper

69 100

41 150.2 70.0 209.8

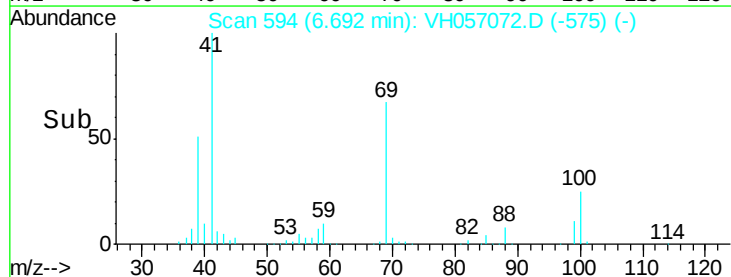
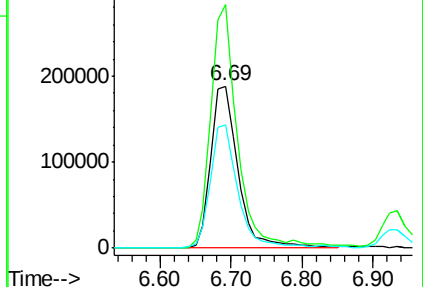
39 76.0 37.5 112.5

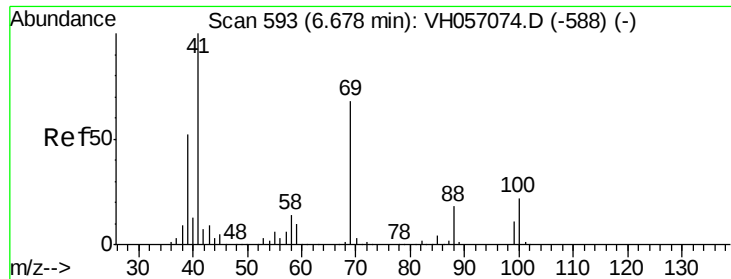


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

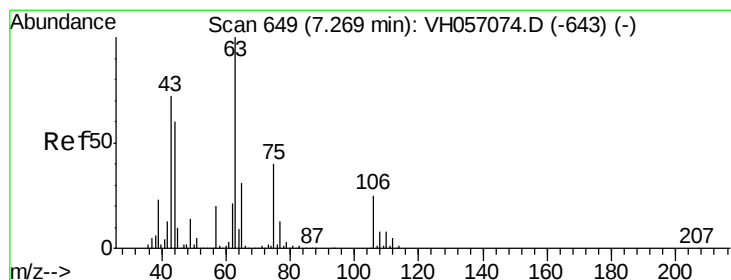
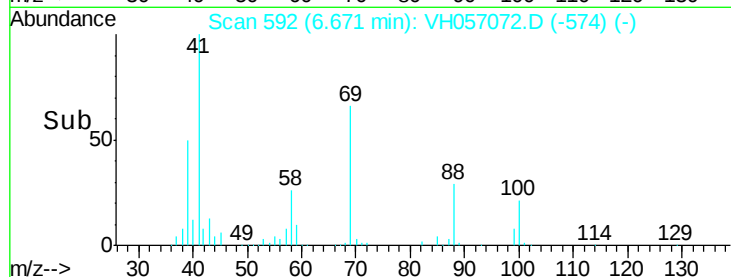
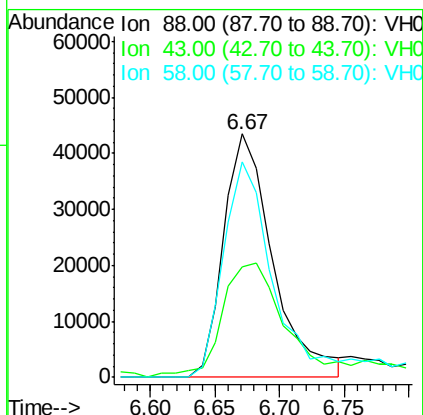
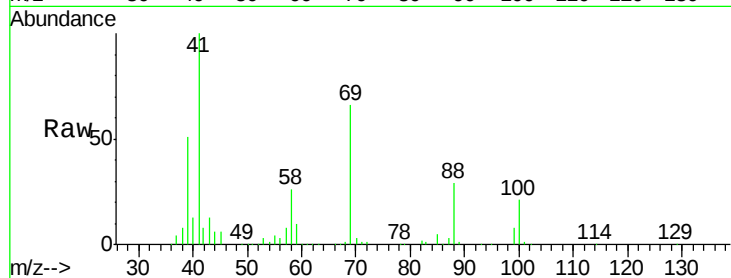




#53
1,4-Dioxane
Concen: 923.86 ug/l
RT: 6.67 min Scan# 592
Delta R.T. -0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

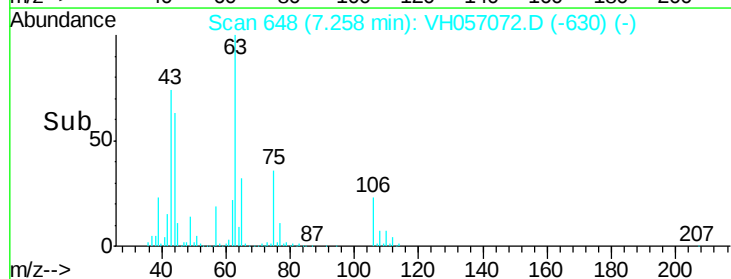
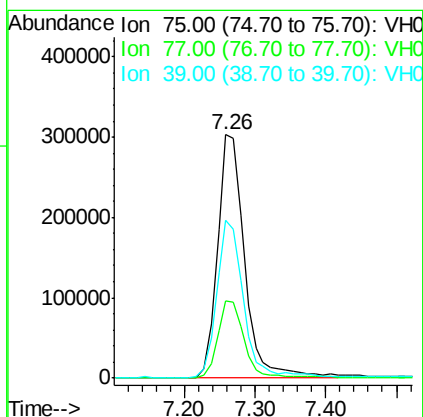
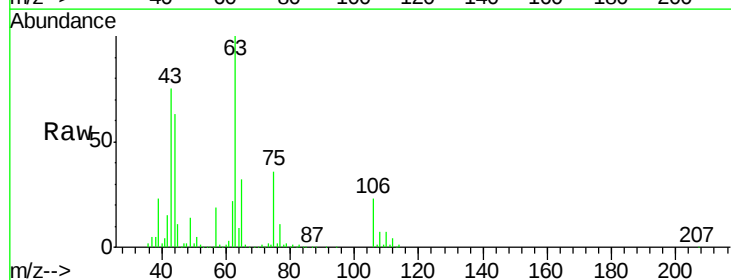
Instrument :
MSVOA_H
ClientSampled :
VSTDIC040

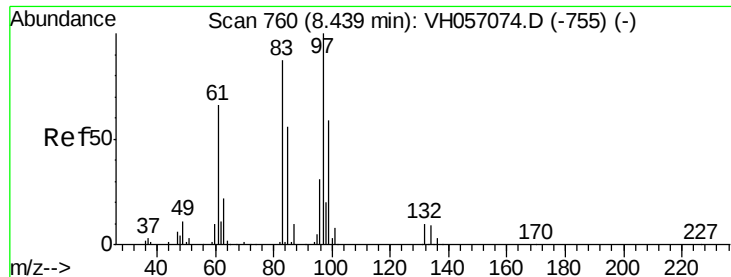
Tgt Ion: 88 Resp: 115156
Ion Ratio Lower Upper
88 100
43 45.1 39.6 59.4
58 88.5 61.4 92.2



#54
cis-1,3-Dichloropropene
Concen: 40.23 ug/l
RT: 7.26 min Scan# 648
Delta R.T. -0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 75 Resp: 816487
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 64.6 50.7 76.1





#55

1,1,2-Trichloroethane

Concen: 41.06 ug/l

RT: 8.44 min Scan# 760

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

Tgt Ion: 97 Resp: 418564

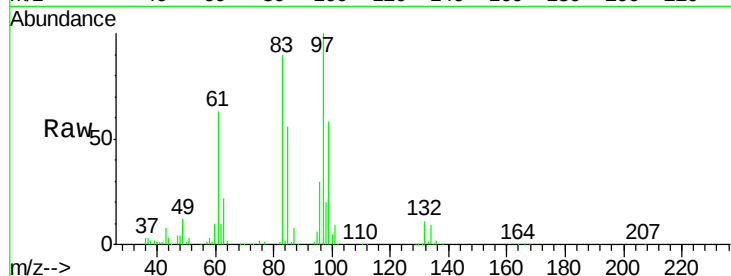
Ion Ratio Lower Upper

97 100

83 90.0 72.7 109.1

85 56.1 45.5 68.3

99 58.0 46.2 69.2

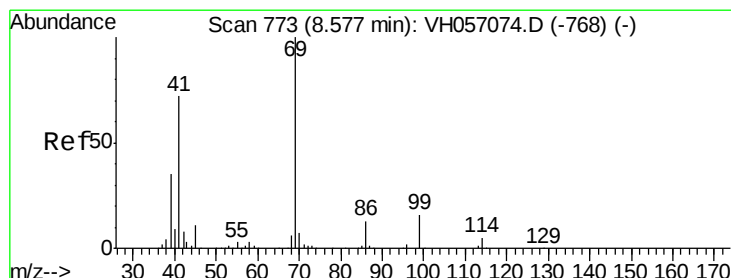
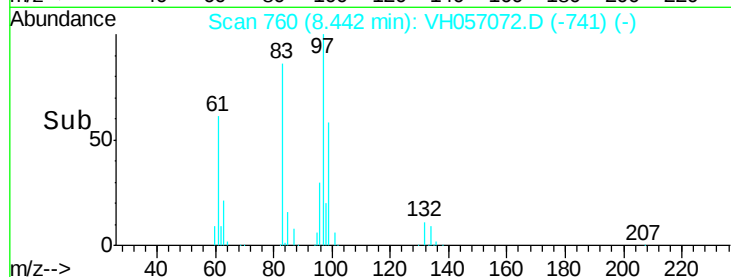
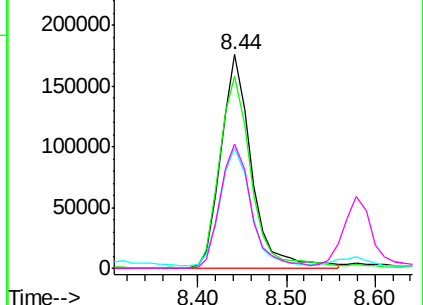


Abundance Ion 97.00 (96.70 to 97.70): VH0

Ion 82.95 (82.65 to 83.65): VH0

Ion 84.95 (84.65 to 85.65): VH0

Ion 98.95 (98.65 to 99.65): VH0



#56

Ethyl Methacrylate

Concen: 41.51 ug/l

RT: 8.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

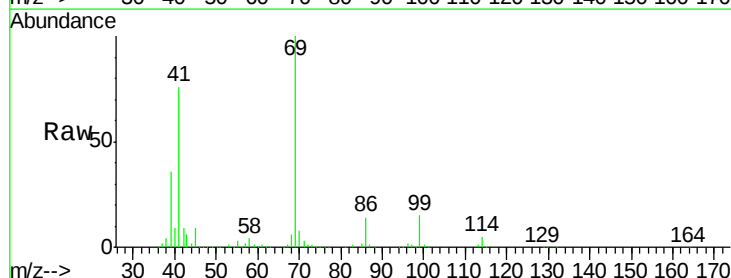
Tgt Ion: 69 Resp: 877769

Ion Ratio Lower Upper

69 100

41 76.3 39.1 117.3

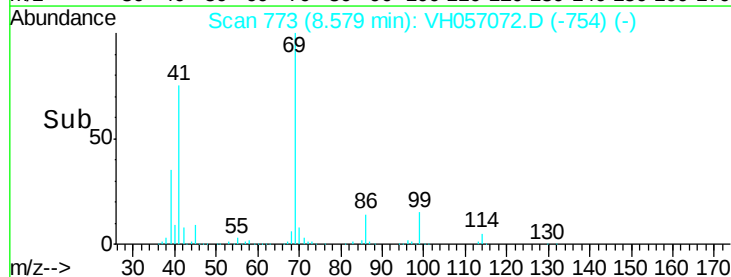
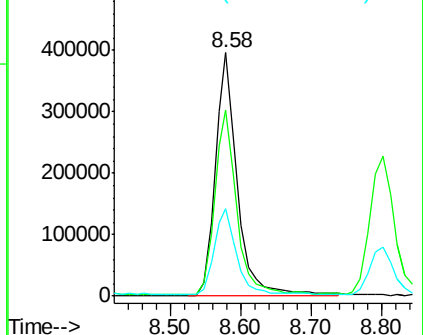
39 35.7 19.2 57.6

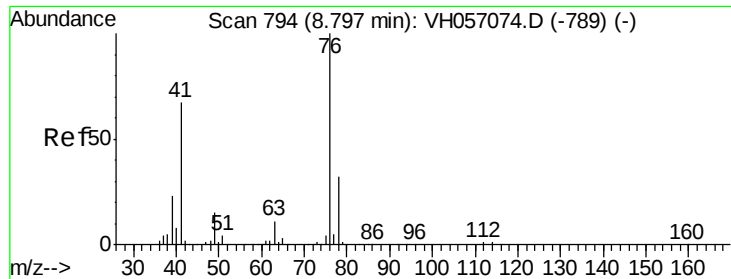


Abundance Ion 69.00 (68.70 to 69.70): VH0

Ion 41.00 (40.70 to 41.70): VH0

Ion 39.00 (38.70 to 39.70): VH0

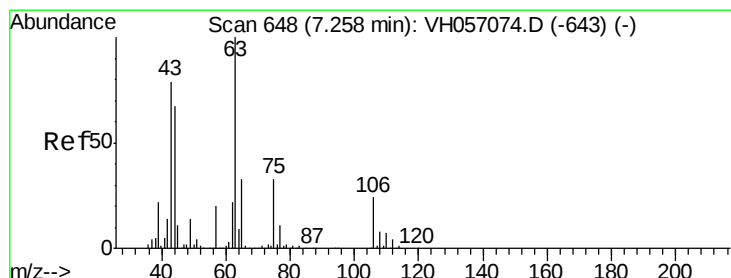
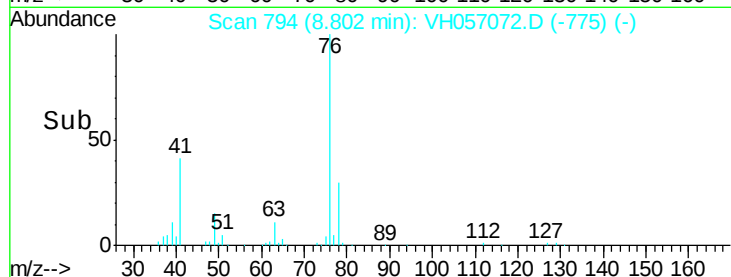
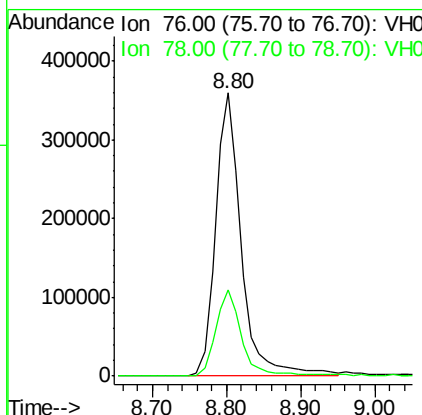
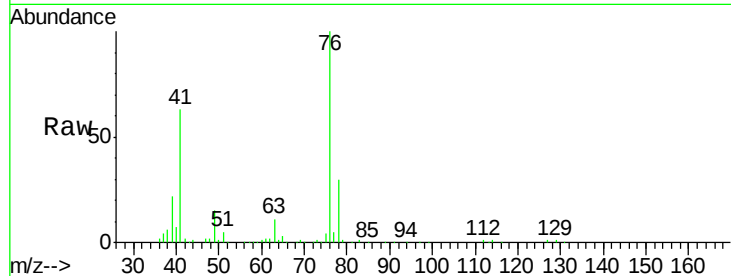




#57
 1,3-Dichloropropane
 Concen: 40.85 ug/l
 RT: 8.80 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

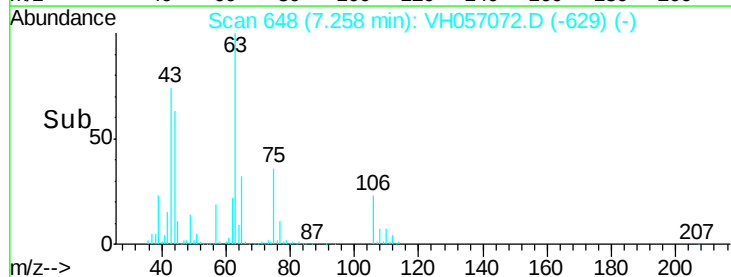
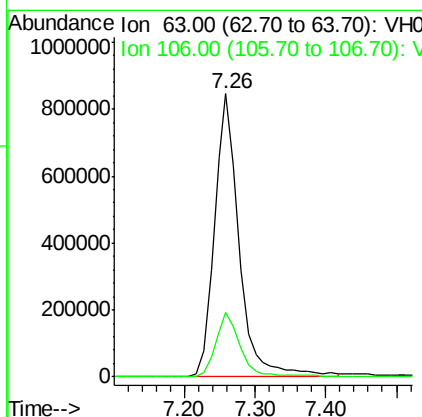
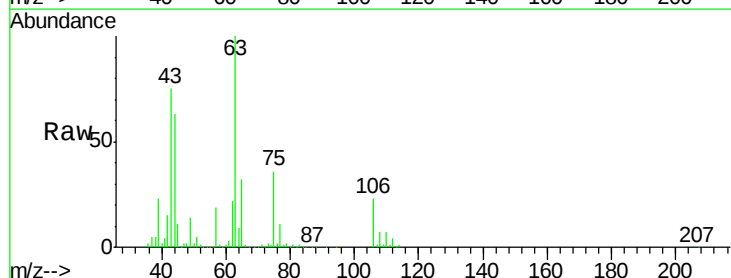
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDIC040

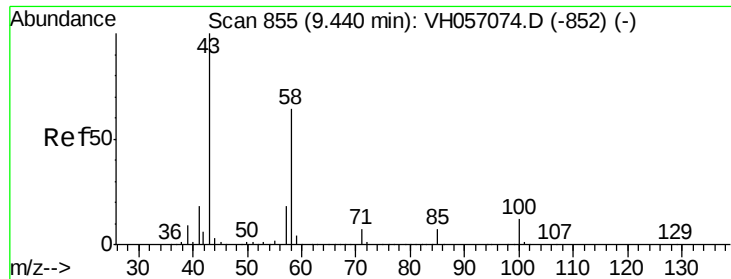
Tgt Ion: 76 Resp: 873577
 Ion Ratio Lower Upper
 76 100
 78 30.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.91 ug/l
 RT: 7.26 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

Tgt Ion: 63 Resp: 2067812
 Ion Ratio Lower Upper
 63 100
 106 22.8 18.0 27.0

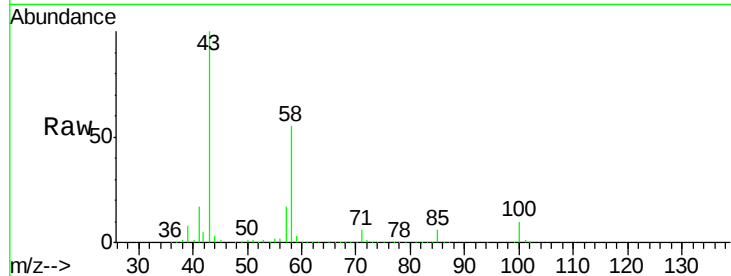




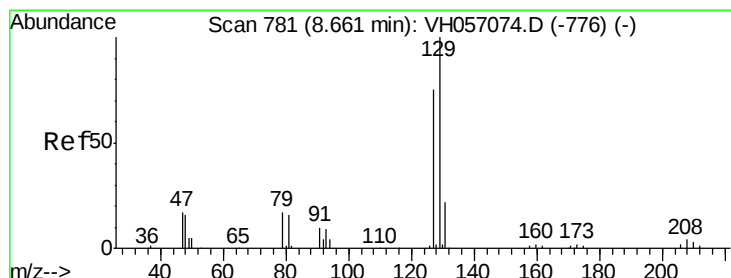
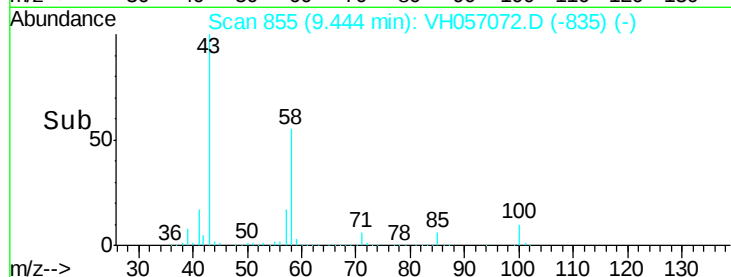
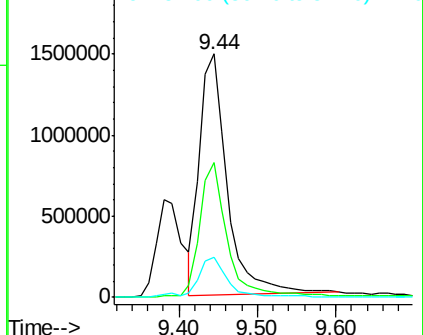
#59
2-Hexanone
Concen: 194.79 ug/l
RT: 9.44 min Scan# 855
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

Tgt Ion: 43 Resp: 3668930
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.2
57 16.7 8.1 24.3

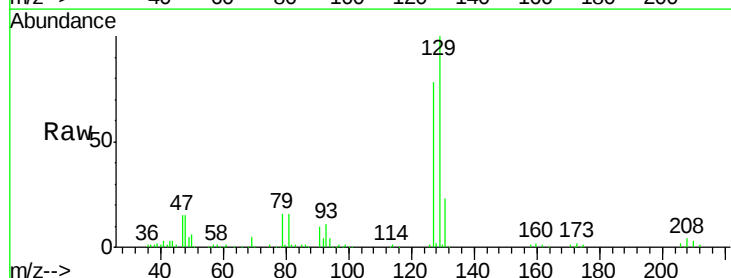


Abundance Ion 43.00 (42.70 to 43.70): VH0
Ion 58.00 (57.70 to 58.70): VH0
Ion 57.00 (56.70 to 57.70): VH0

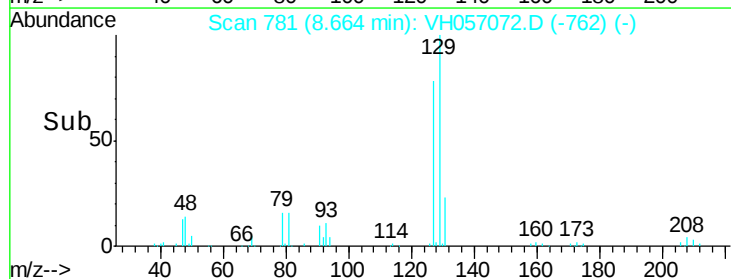
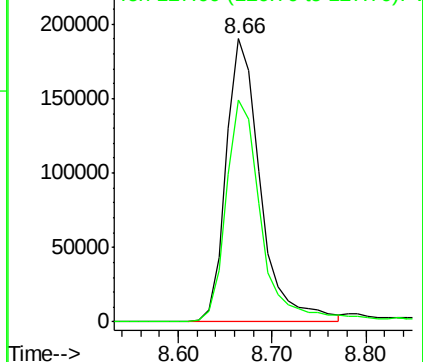


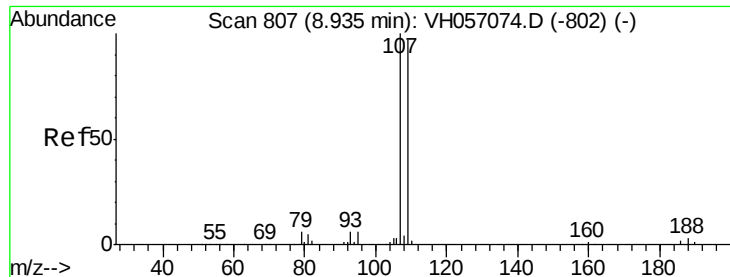
#60
Dibromochloromethane
Concen: 42.06 ug/l
RT: 8.66 min Scan# 781
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 129 Resp: 486698
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#61

1,2-Dibromoethane

Concen: 42.51 ug/l

RT: 8.93 min Scan# 806

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

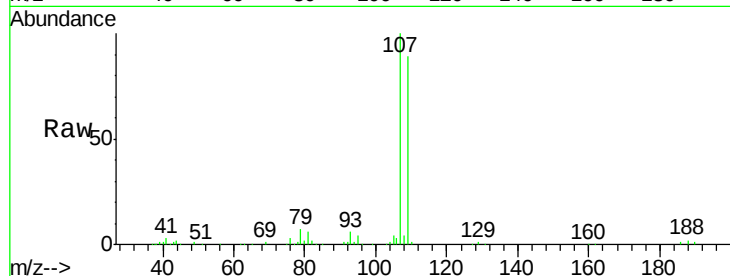
VSTDIC040

Tgt Ion: 107 Resp: 507520

Ion Ratio Lower Upper

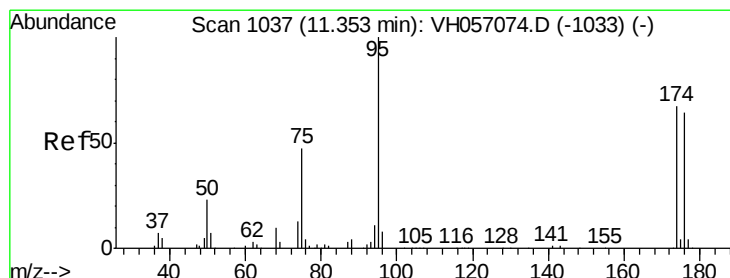
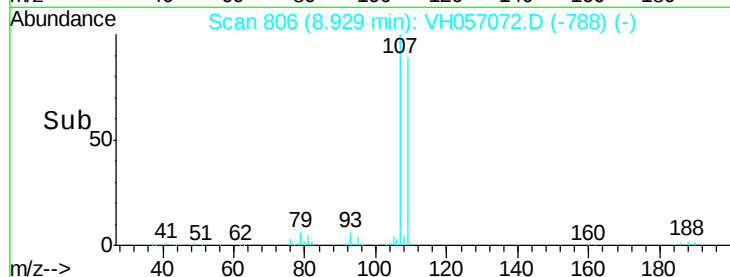
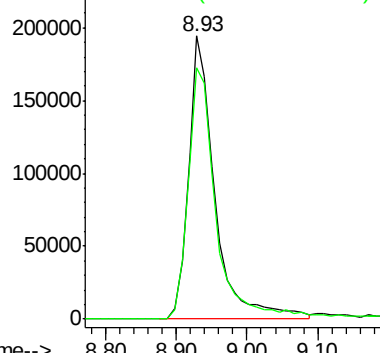
107 100

109 88.8 77.7 116.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 44.36 ug/l

RT: 11.35 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

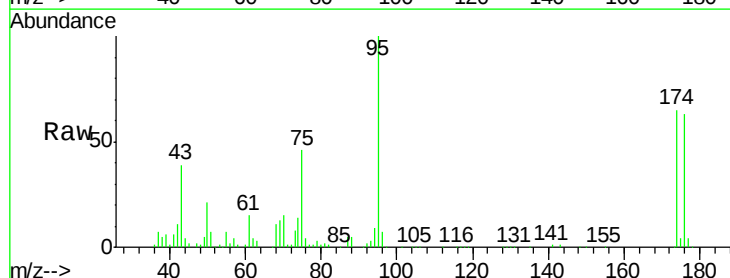
Tgt Ion: 95 Resp: 472176

Ion Ratio Lower Upper

95 100

174 65.3 58.4 87.6

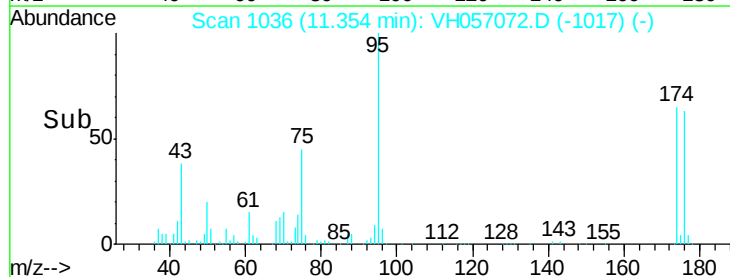
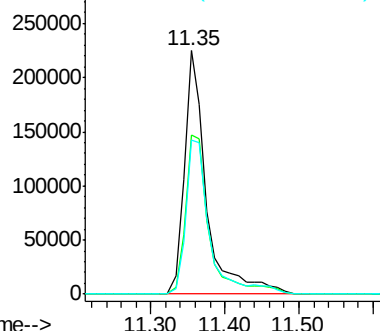
176 63.4 54.3 81.5

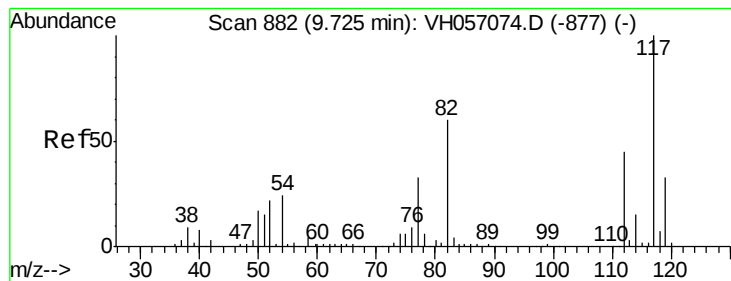


Abundance Ion 95.00 (94.70 to 95.70): V

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: 9.72 min Scan# 881

Delta R.T. -0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

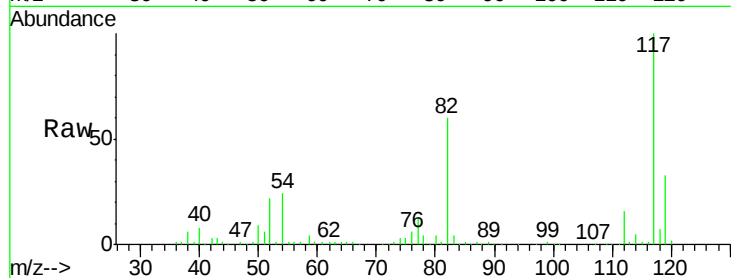
Tgt Ion:117 Resp: 1215016

Ion Ratio Lower Upper

117 100

82 59.9 51.0 76.6

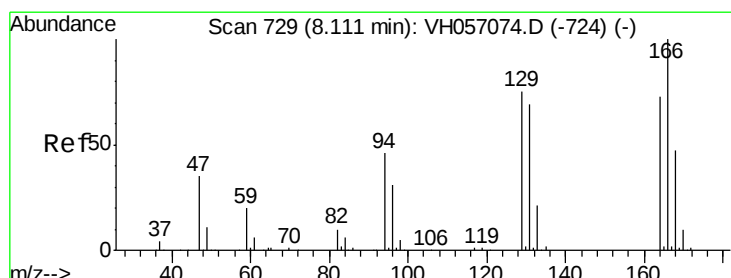
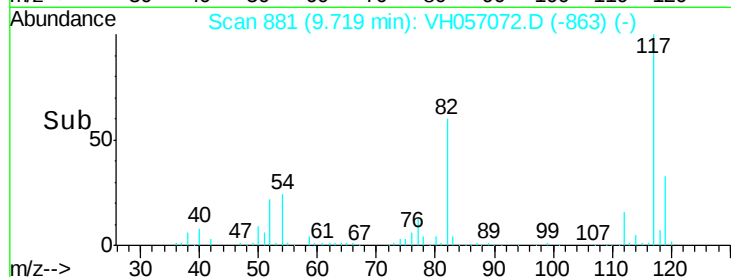
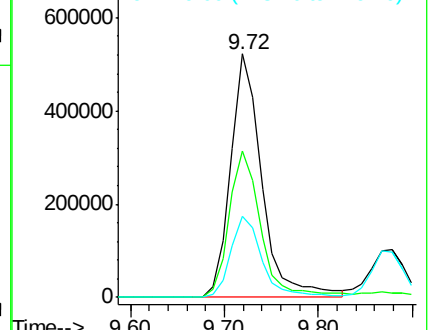
119 33.2 26.7 40.1



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: 39.05 ug/l

RT: 8.11 min Scan# 729

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Tgt Ion:164 Resp: 267277

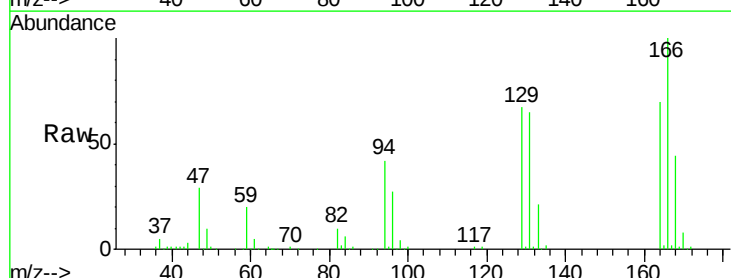
Ion Ratio Lower Upper

164 100

166 142.6 103.2 154.8

129 95.5 73.4 110.0

131 92.2 70.8 106.2

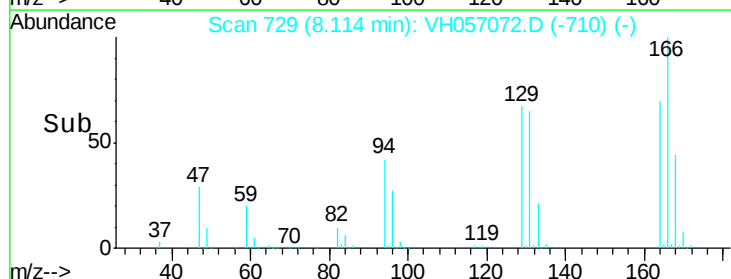
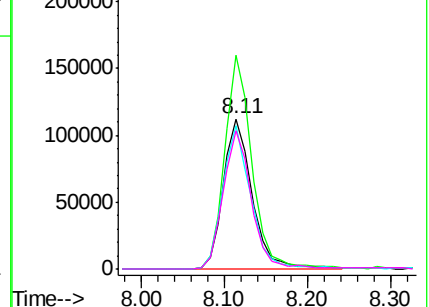


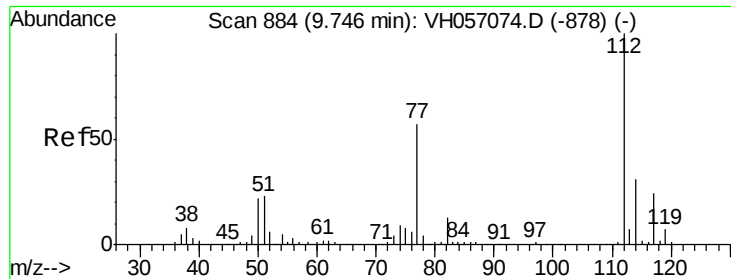
Abundance Ion 163.85 (163.55 to 164.55): V

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

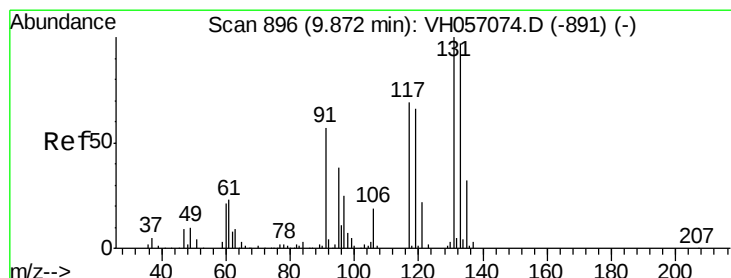
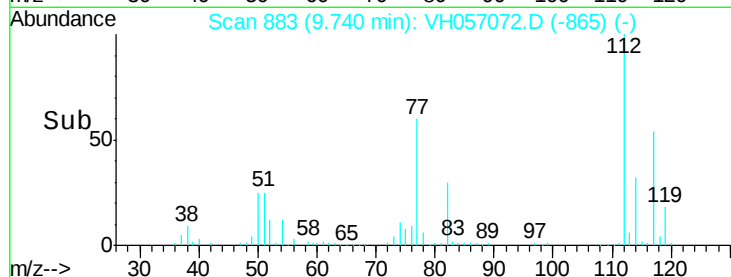
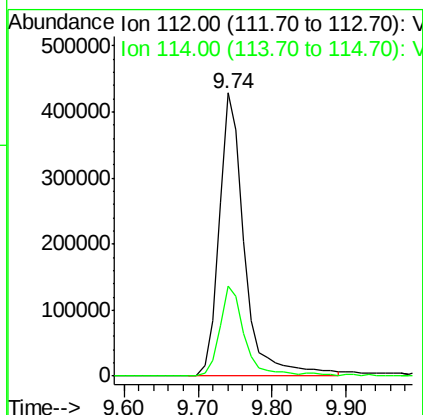
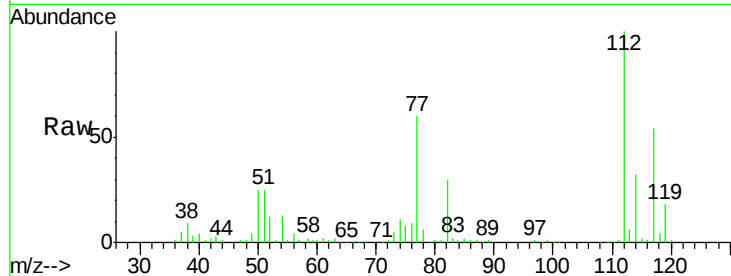




#65
Chlorobenzene
Concen: 40.75 ug/l
RT: 9.74 min Scan# 883
Delta R.T. -0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

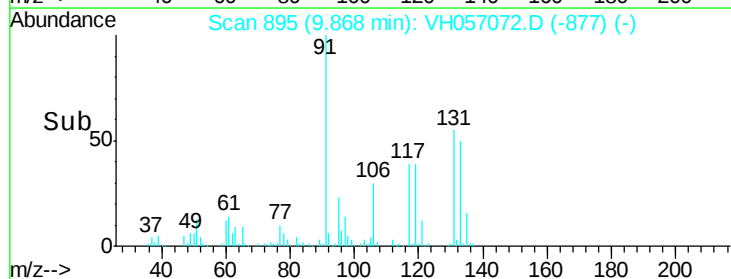
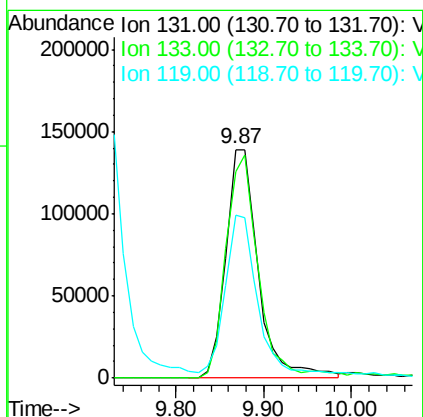
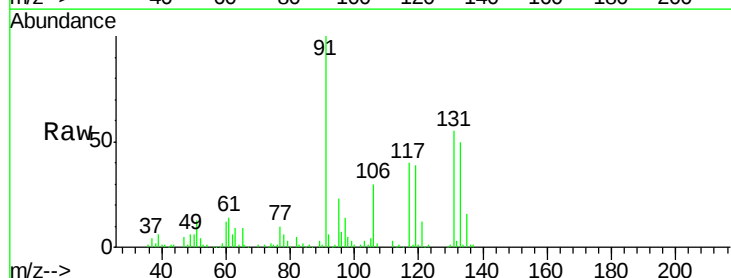
Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

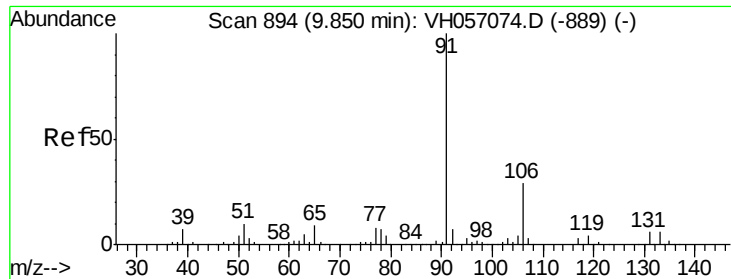
Tgt Ion:112 Resp: 1033791
Ion Ratio Lower Upper
112 100
114 31.9 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 40.18 ug/l
RT: 9.87 min Scan# 895
Delta R.T. -0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion:131 Resp: 357862
Ion Ratio Lower Upper
131 100
133 90.2 51.1 153.3
119 71.1 36.3 108.9





#67

Ethyl Benzene

Concen: 38.32 ug/l

RT: 9.85 min Scan# 893

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

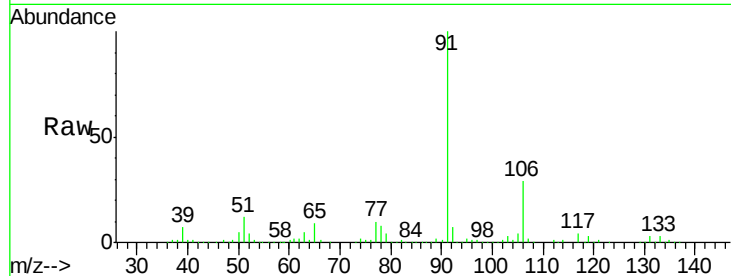
VSTDIC040

Tgt Ion:106 Resp: 487317

Ion Ratio Lower Upper

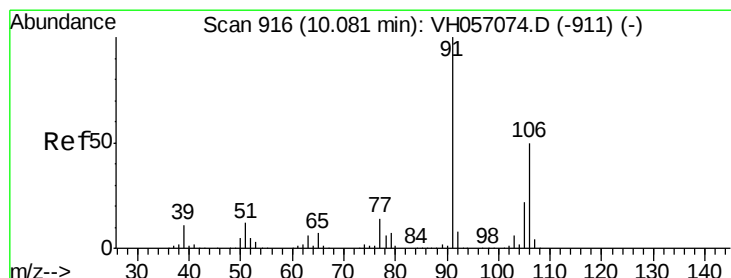
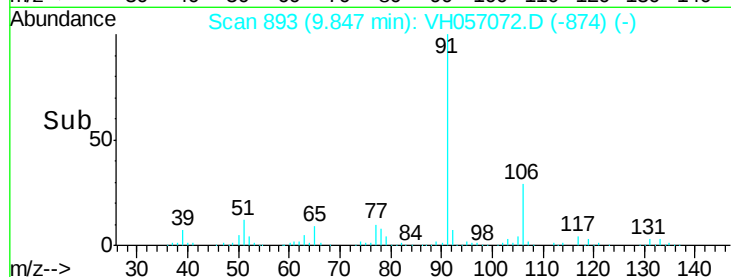
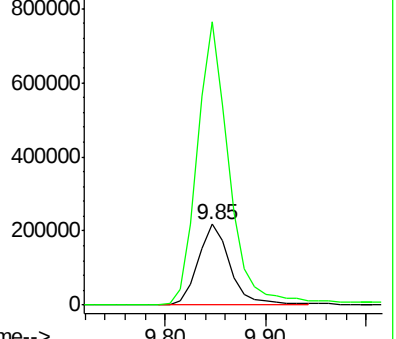
106 100

91 350.5 264.9 397.3



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VH0



#68

m/p-Xylenes

Concen: 80.49 ug/l

RT: 10.08 min Scan# 915

Delta R.T. -0.00 min

Lab File: VH057072.D

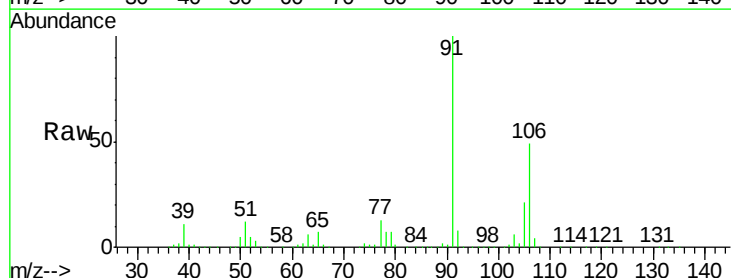
Acq: 17 Sep 2015 18:08

Tgt Ion:106 Resp: 1229612

Ion Ratio Lower Upper

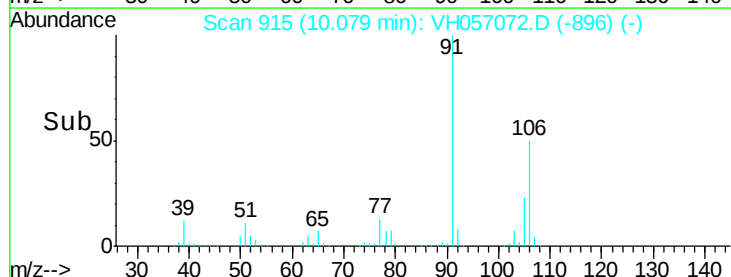
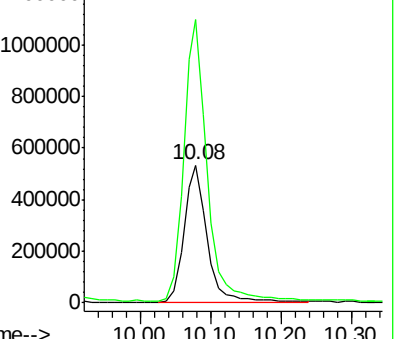
106 100

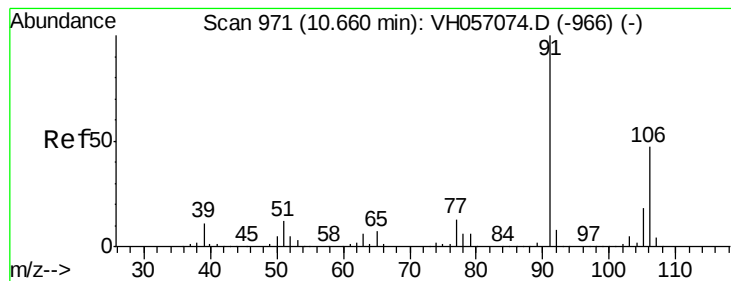
91 205.5 164.4 246.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0





#69

o-Xylene

Concen: 38.64 ug/l

RT: 10.66 min Scan# 970

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

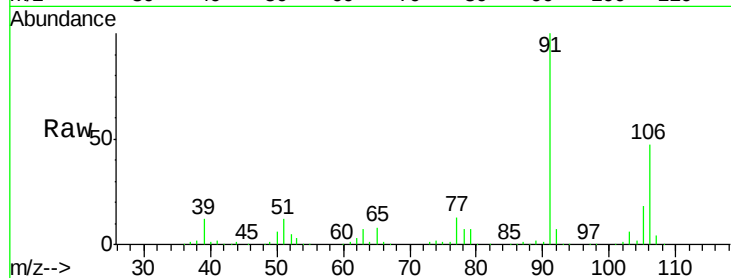
VSTDIC040

Tgt Ion:106 Resp: 569687

Ion Ratio Lower Upper

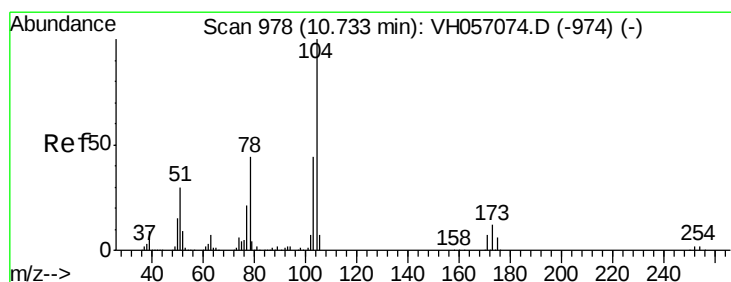
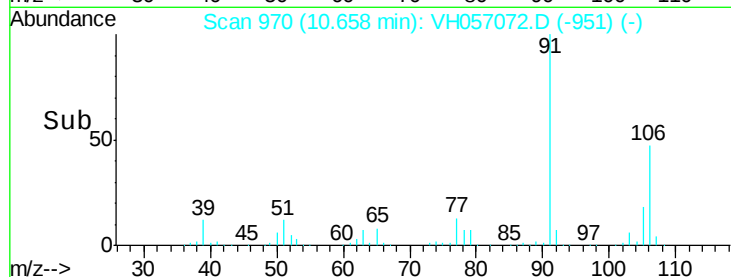
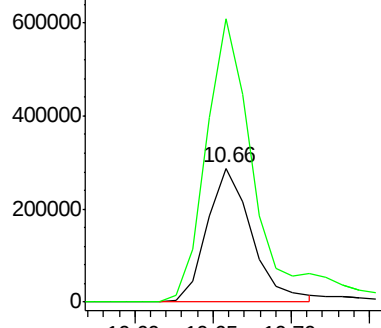
106 100

91 211.8 104.2 312.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VH0



#70

Styrene

Concen: 41.78 ug/l

RT: 10.73 min Scan# 977

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

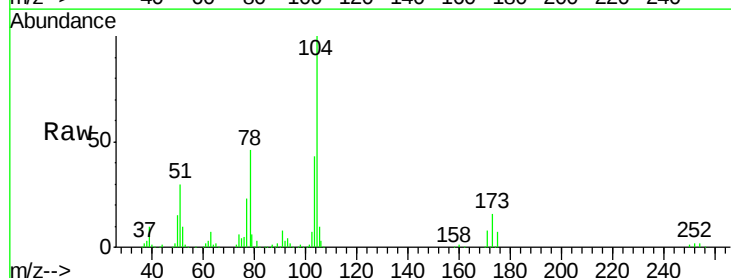
Tgt Ion:104 Resp: 1037925

Ion Ratio Lower Upper

104 100

78 46.3 35.2 52.8

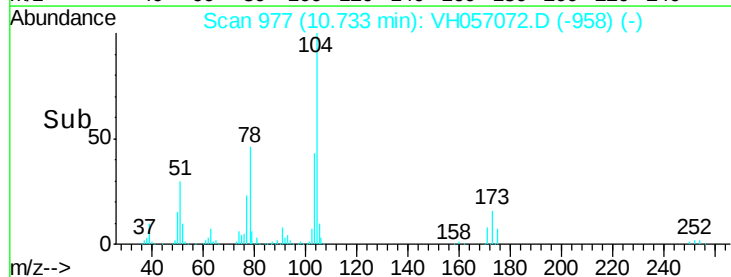
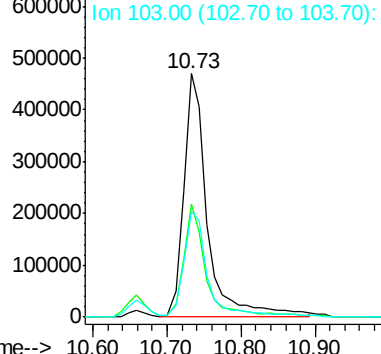
103 43.2 35.8 53.6

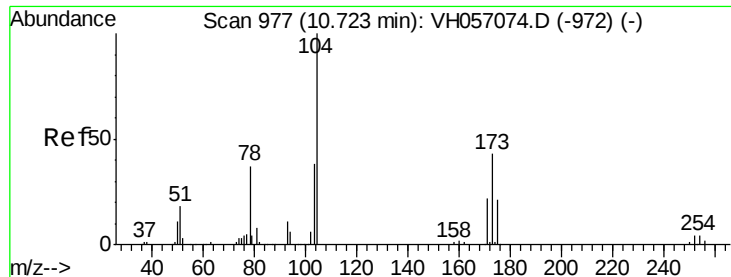


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VH0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 42.82 ug/l

RT: 10.72 min Scan# 976

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampled :

VSTDIC040

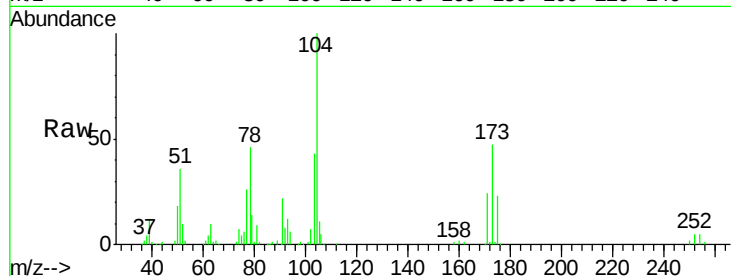
Tgt Ion:173 Resp: 312249

Ion Ratio Lower Upper

173 100

175 48.2 23.3 69.9

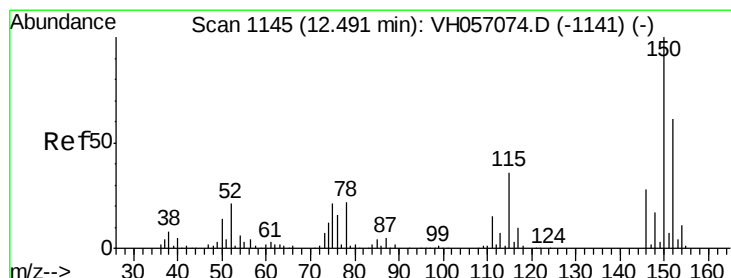
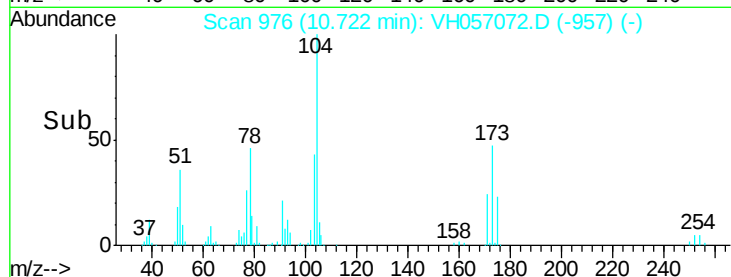
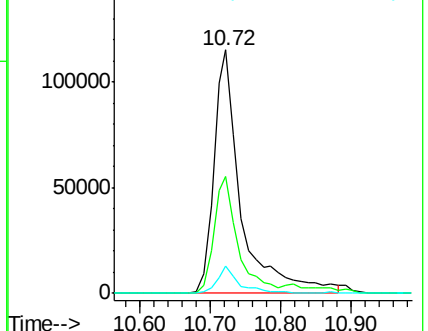
254 11.1 4.4 13.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.49 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

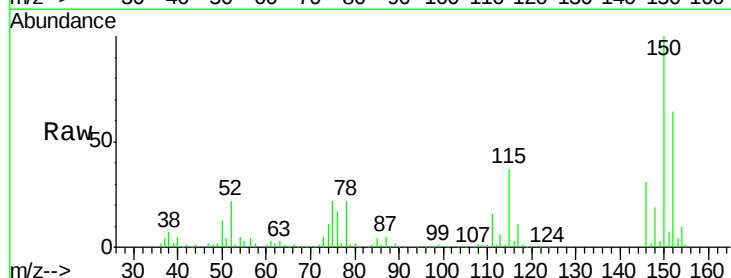
Tgt Ion:152 Resp: 357259

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.6

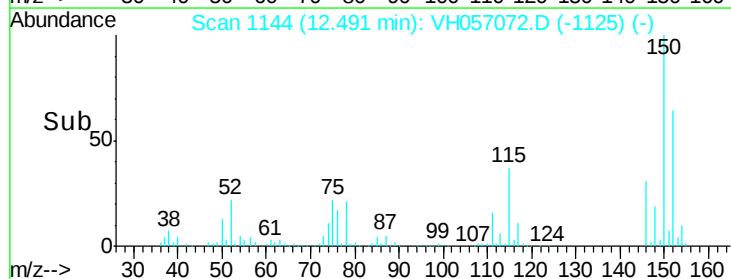
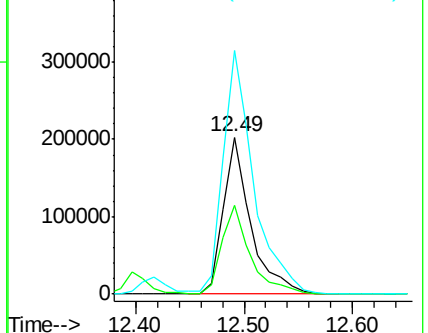
150 155.1 0.0 332.0

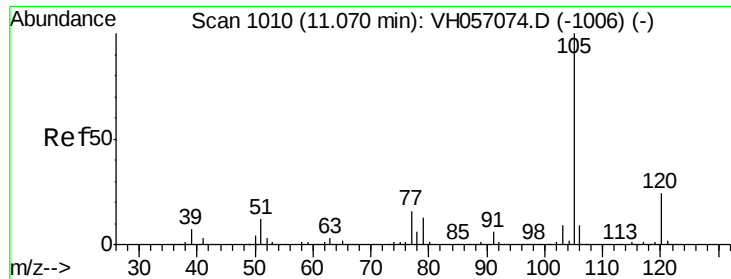


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 36.76 ug/l

RT: 11.07 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

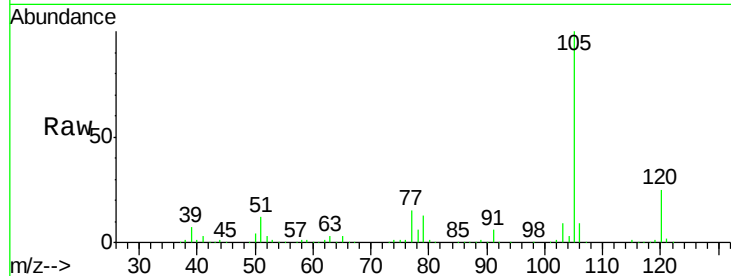
VSTDIC040

Tgt Ion: 105 Resp: 1234130

Ion Ratio Lower Upper

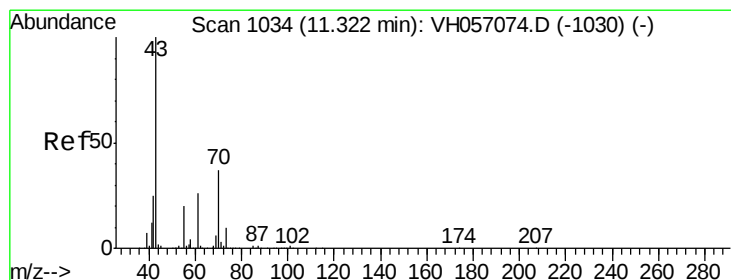
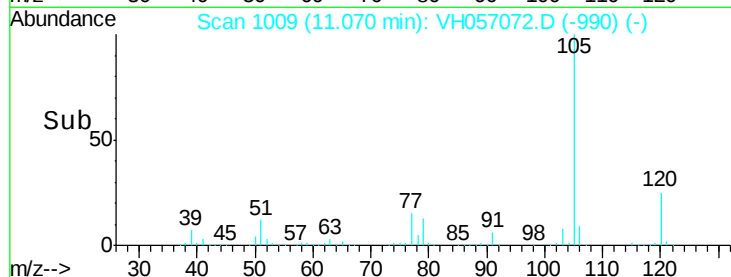
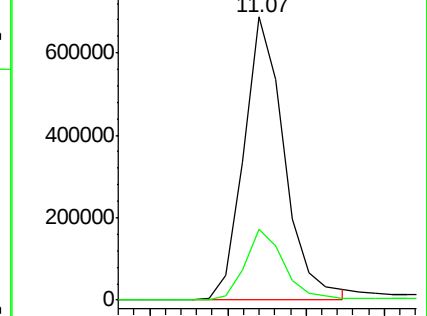
105 100

120 25.0 12.2 36.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

n-Amyl Acetate

Concen: 36.07 ug/l

RT: 11.32 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Tgt Ion: 43 Resp: 1317048

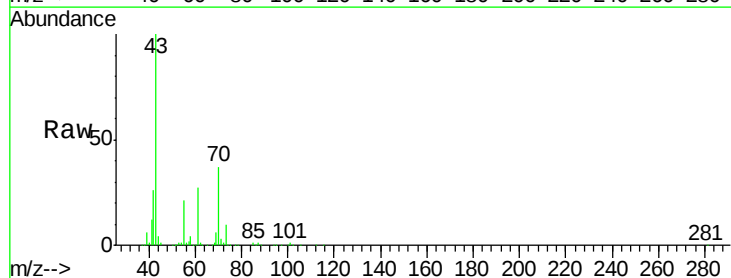
Ion Ratio Lower Upper

43 100

70 36.5 27.3 40.9

55 20.6 15.3 22.9

61 26.7 19.4 29.0

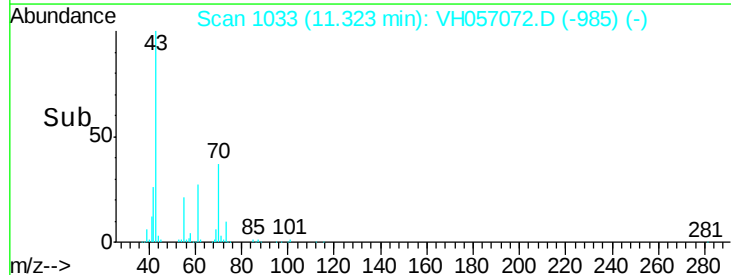
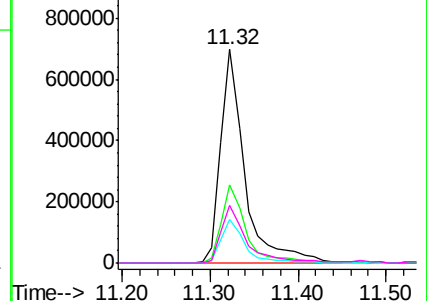


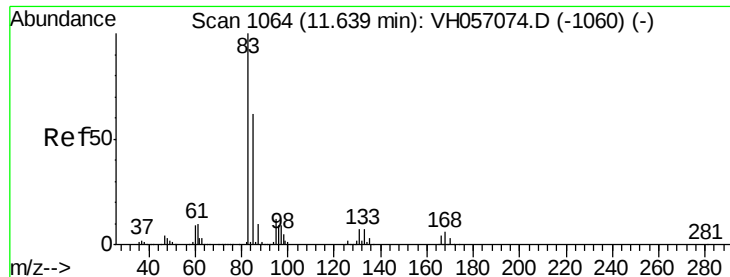
Abundance Ion 43.05 (42.75 to 43.75): V

Ion 70.05 (69.75 to 70.75): V

Ion 55.05 (54.75 to 55.75): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 38.89 ug/l

RT: 11.64 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

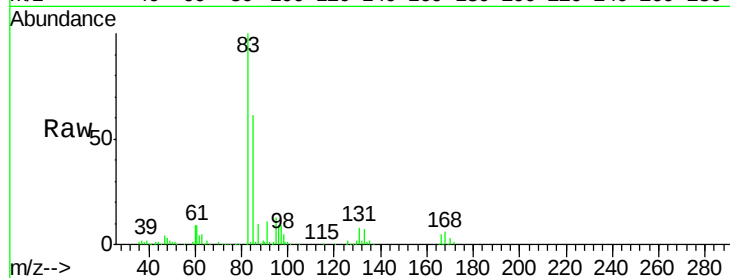
Tgt Ion: 83 Resp: 674986

Ion Ratio Lower Upper

83 100

131 7.5 3.1 9.3

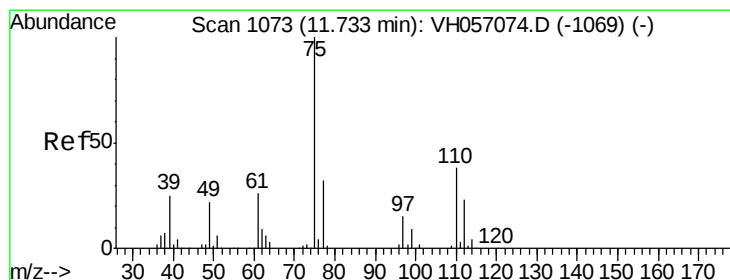
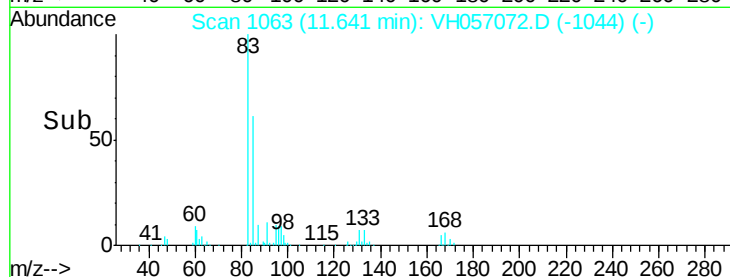
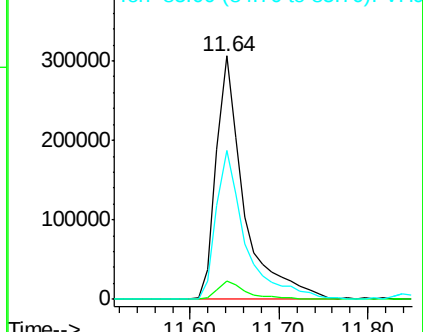
85 61.1 32.3 96.8



Abundance Ion 83.00 (82.70 to 83.70): VH0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VH0



#76

1,2,3-Trichloropropane

Concen: 37.95 ug/l

RT: 11.73 min Scan# 1072

Delta R.T. 0.00 min

Lab File: VH057072.D

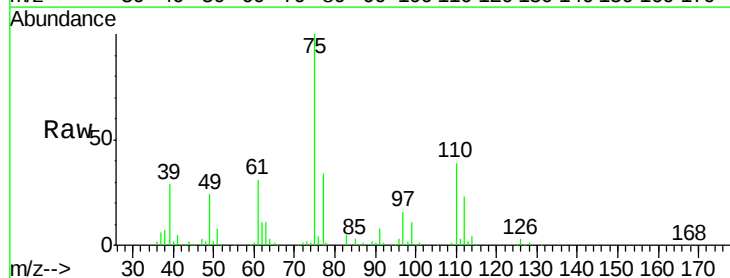
Acq: 17 Sep 2015 18:08

Tgt Ion: 75 Resp: 512705

Ion Ratio Lower Upper

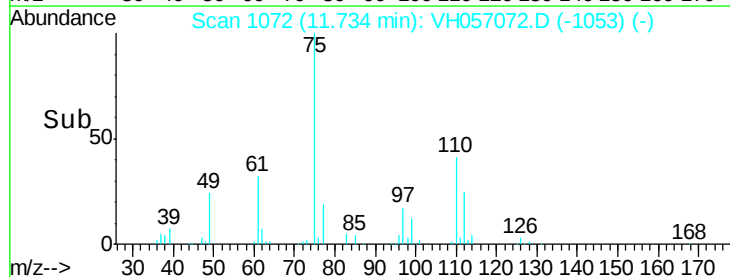
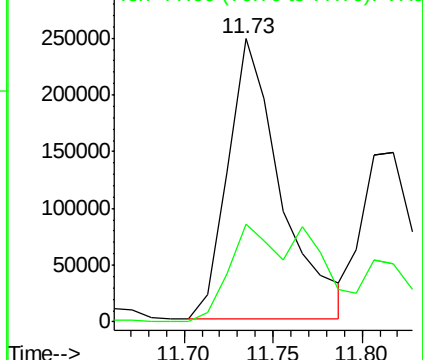
75 100

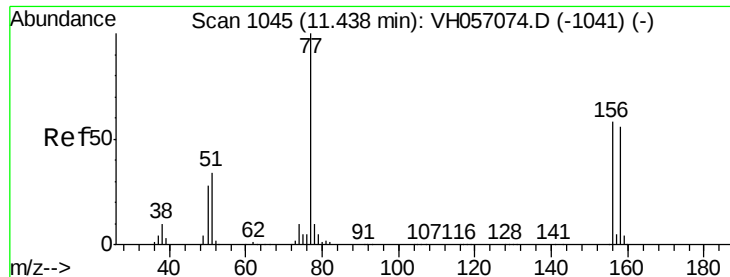
77 34.5 14.9 44.9



Abundance Ion 75.00 (74.70 to 75.70): VH0

Ion 77.00 (76.70 to 77.70): VH0





#77

Bromobenzene

Concen: 40.84 ug/l

RT: 11.44 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

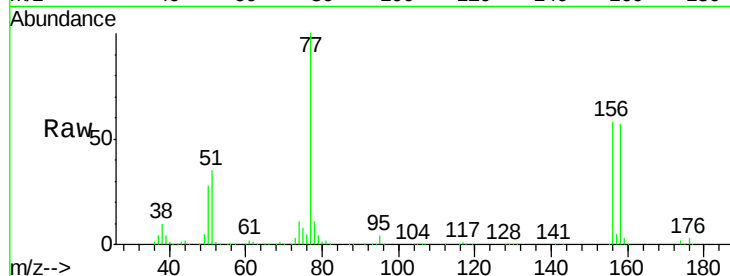
Tgt Ion:156 Resp: 369744

Ion Ratio Lower Upper

156 100

77 172.4 73.5 220.5

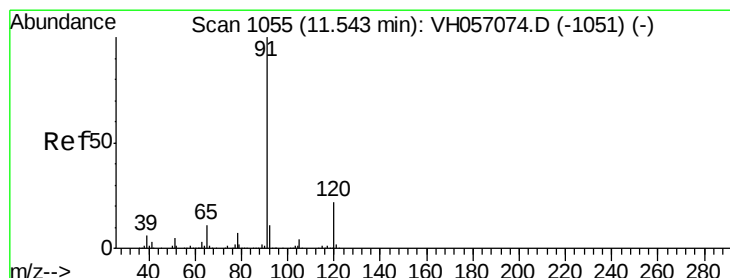
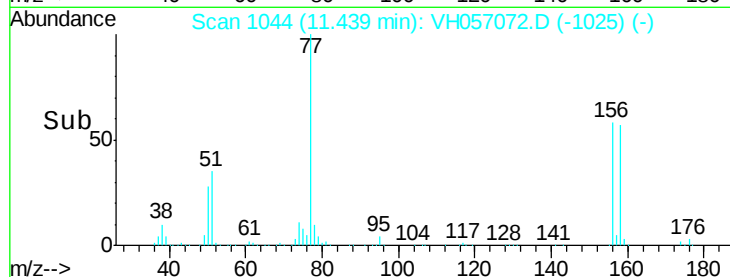
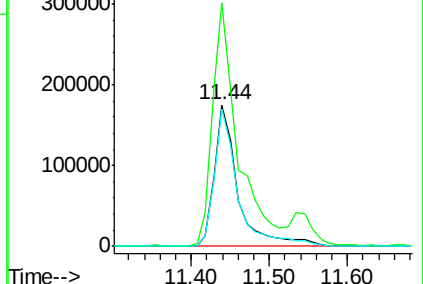
158 97.6 46.8 140.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VH0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 37.67 ug/l

RT: 11.55 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VH057072.D

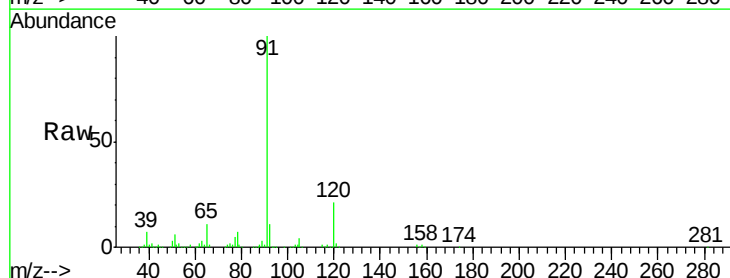
Acq: 17 Sep 2015 18:08

Tgt Ion: 91 Resp: 1330256

Ion Ratio Lower Upper

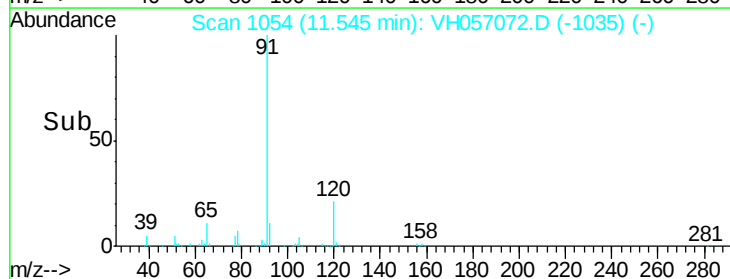
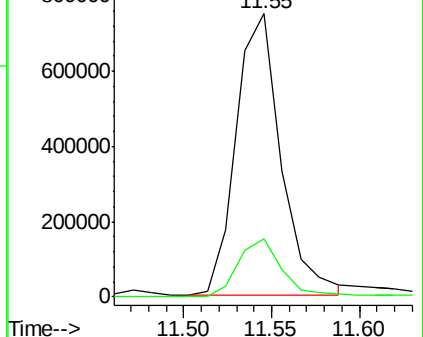
91 100

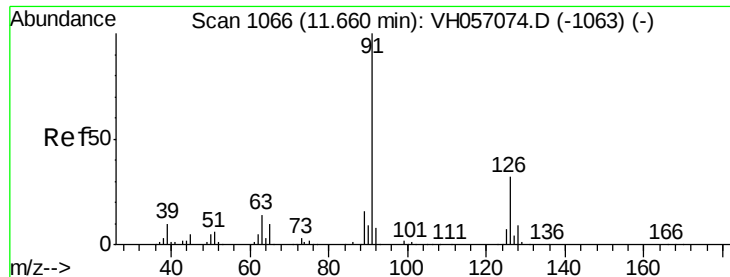
120 20.6 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VH0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 38.03 ug/l

RT: 11.66 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampled :

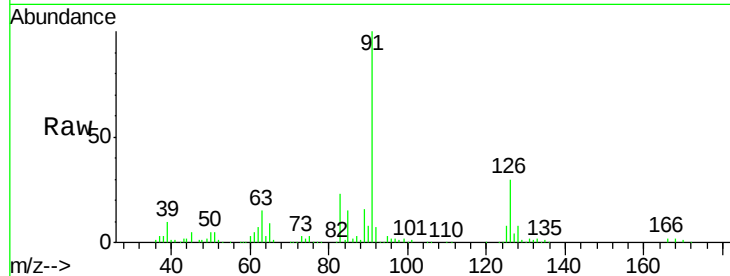
VSTDIC040

Tgt Ion: 91 Resp: 813519

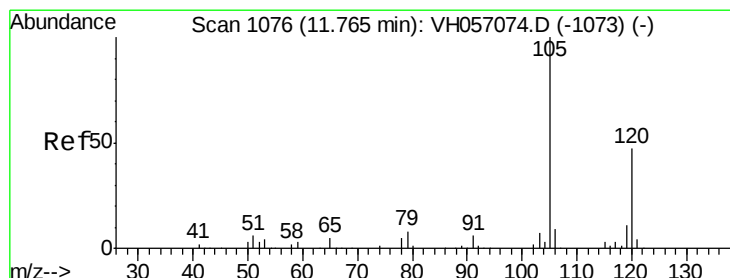
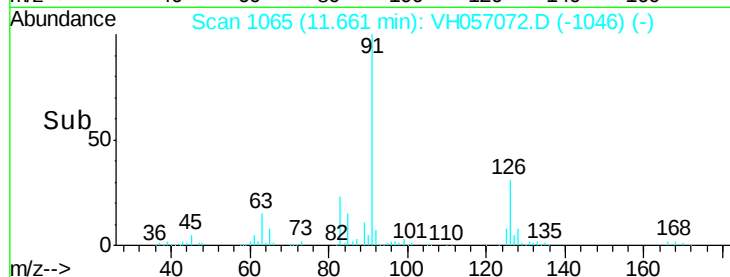
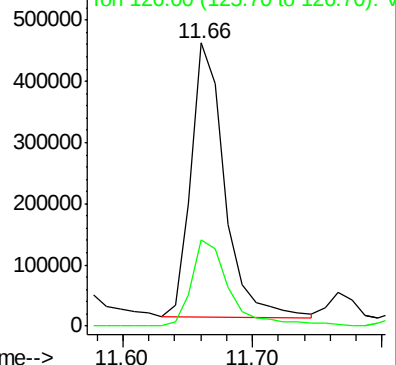
Ion Ratio Lower Upper

91 100

126 30.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VH057074.D (-1063) (-)



#80

1,3,5-Trimethylbenzene

Concen: 39.78 ug/l

RT: 11.77 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VH057072.D

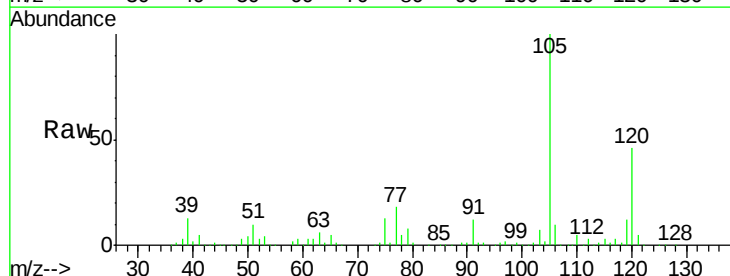
Acq: 17 Sep 2015 18:08

Tgt Ion: 105 Resp: 826255

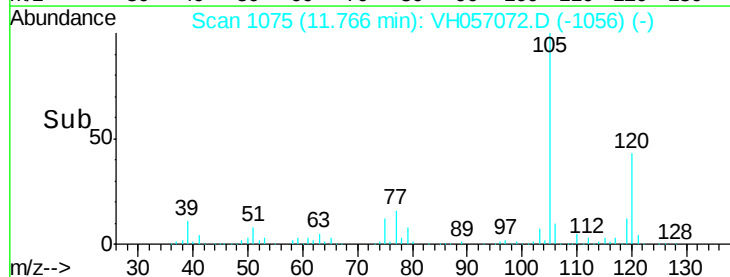
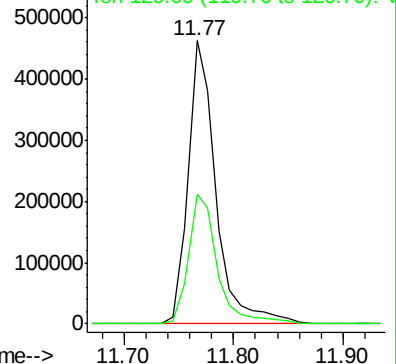
Ion Ratio Lower Upper

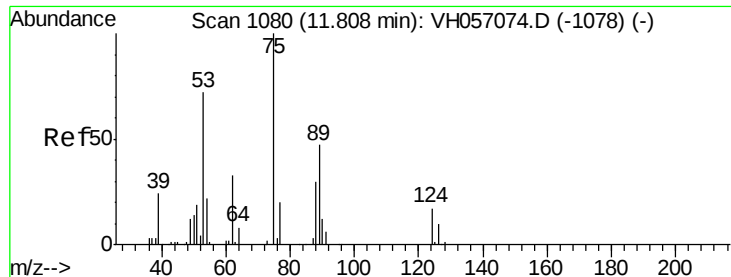
105 100

120 46.0 23.6 71.0



Abundance Ion 105.00 (104.70 to 105.70): VH057074.D (-1073) (-)





#81

trans-1,4-Dichloro-2-Butene

Concen: 36.92 ug/l

RT: 11.82 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

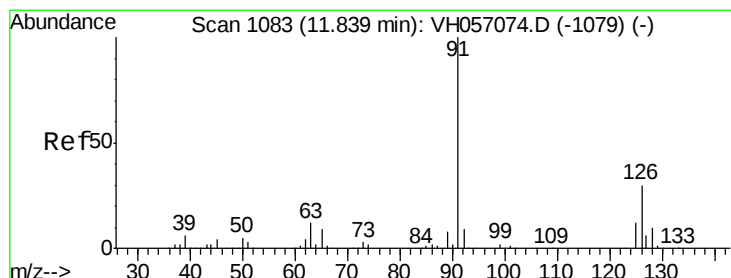
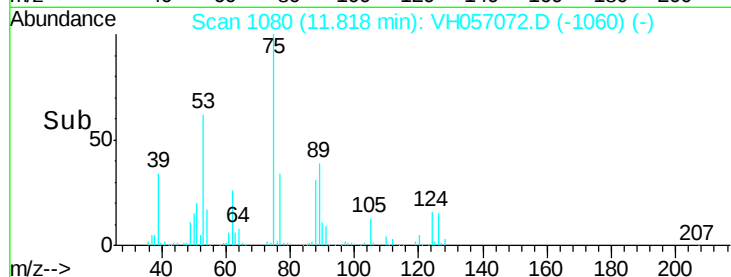
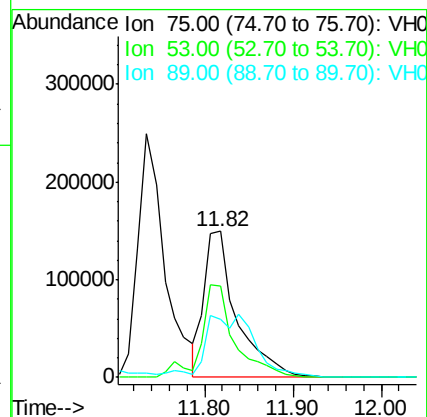
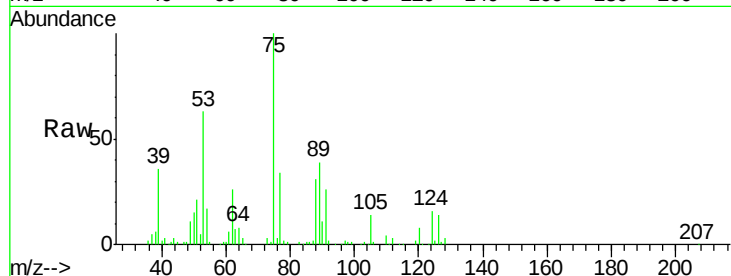
Tgt Ion: 75 Resp: 380918

Ion Ratio Lower Upper

75 100

53 62.6 32.0 96.2

89 39.2 21.1 63.3



#82

4-Chlorotoluene

Concen: 38.52 ug/l

RT: 11.84 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VH057072.D

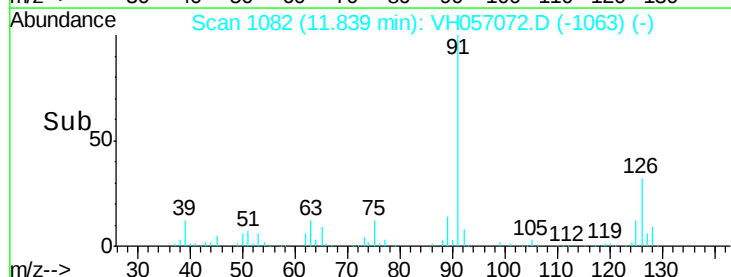
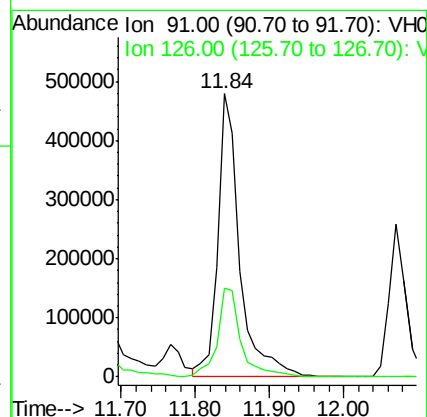
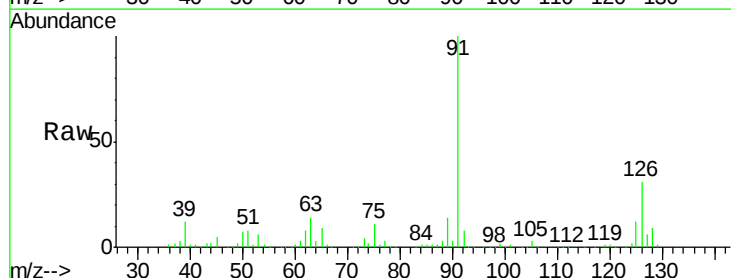
Acq: 17 Sep 2015 18:08

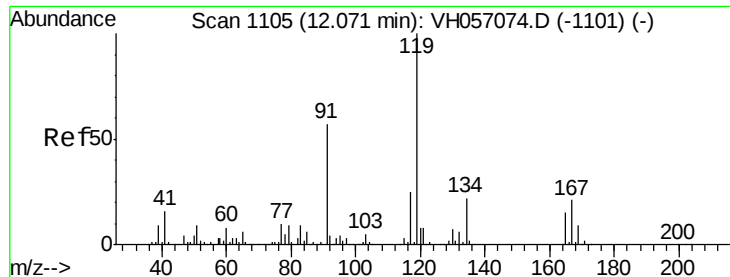
Tgt Ion: 91 Resp: 984708

Ion Ratio Lower Upper

91 100

126 31.3 17.0 51.0

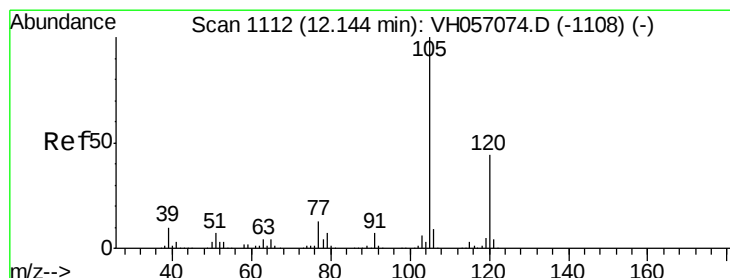
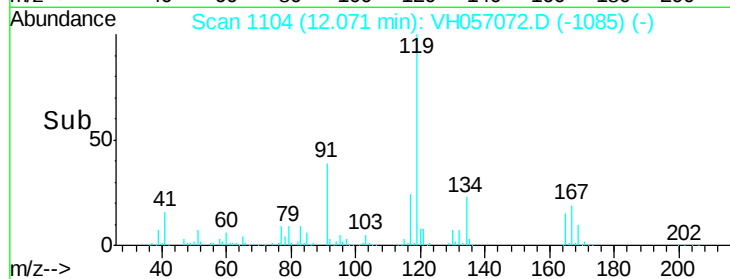
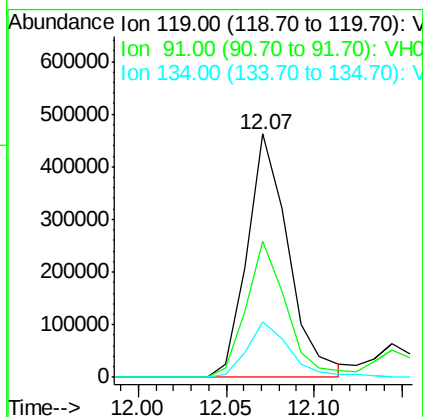
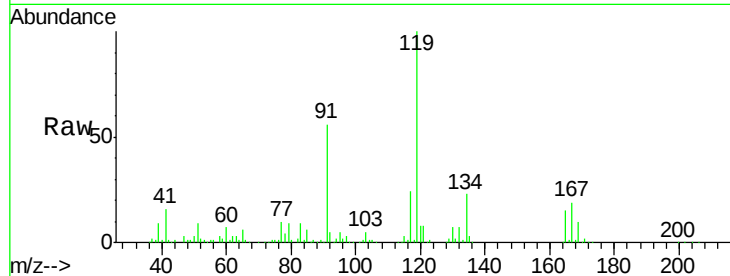




#83
 tert-Butylbenzene
 Concen: 38.60 ug/l
 RT: 12.07 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

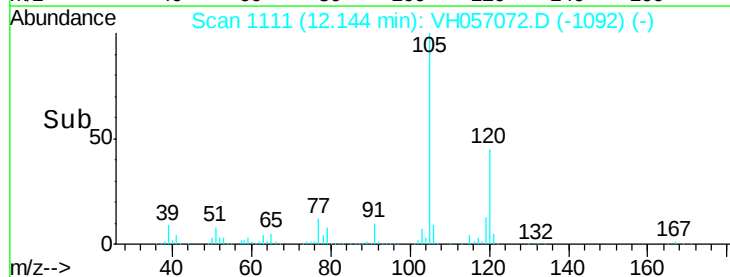
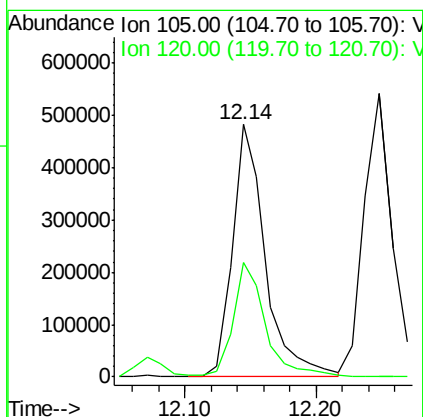
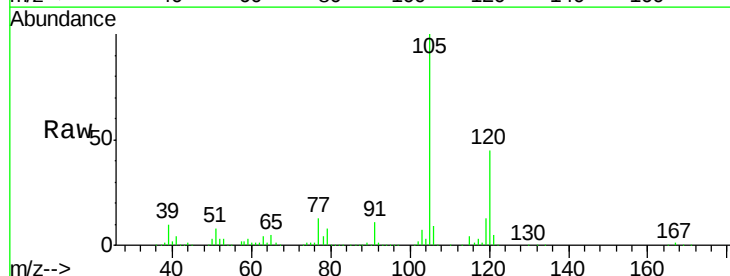
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDIC040

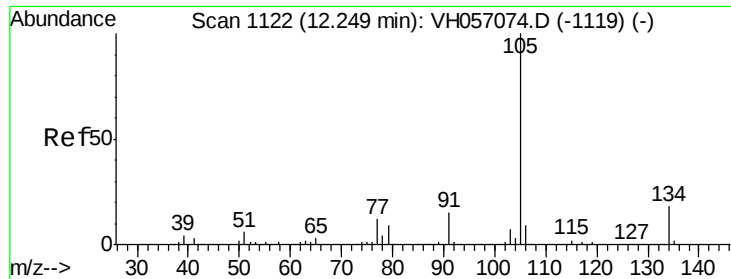
Tgt Ion:119 Resp: 754071
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.5 85.6
 134 22.8 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 40.50 ug/l
 RT: 12.14 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

Tgt Ion:105 Resp: 850110
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.7

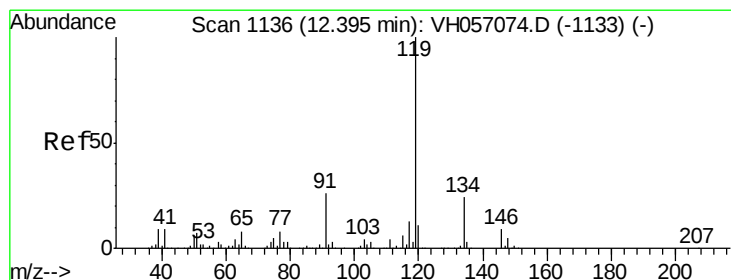
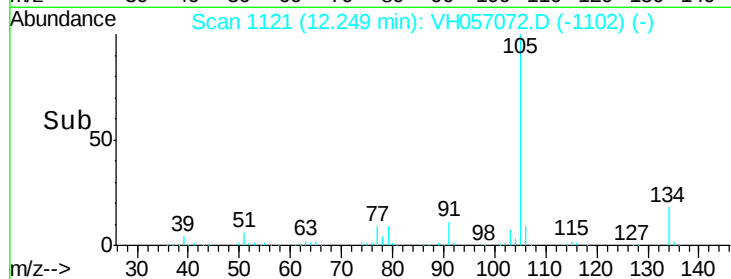
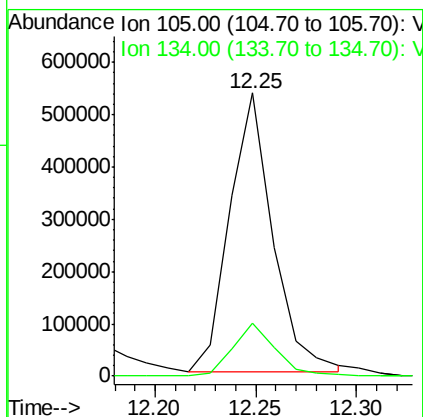
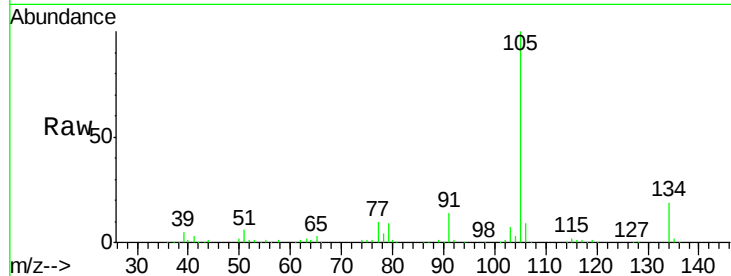




#85
 sec-Butylbenzene
 Concen: 38.63 ug/l
 RT: 12.25 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

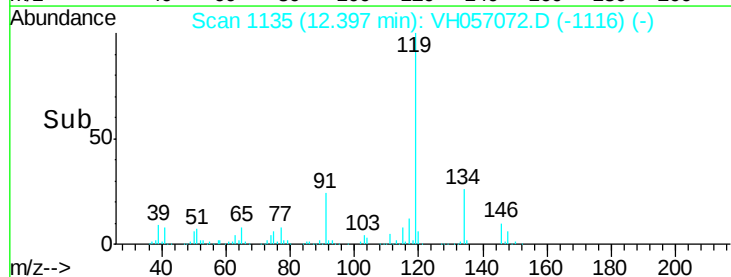
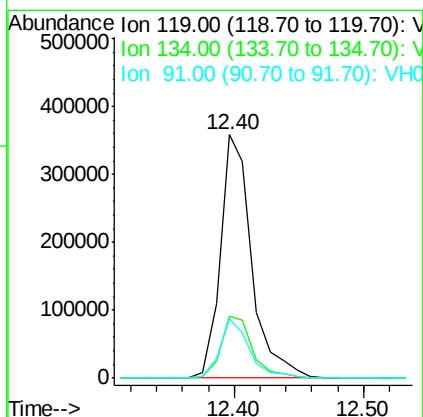
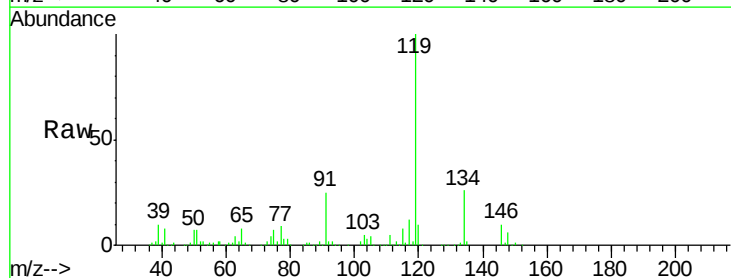
Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDIC040

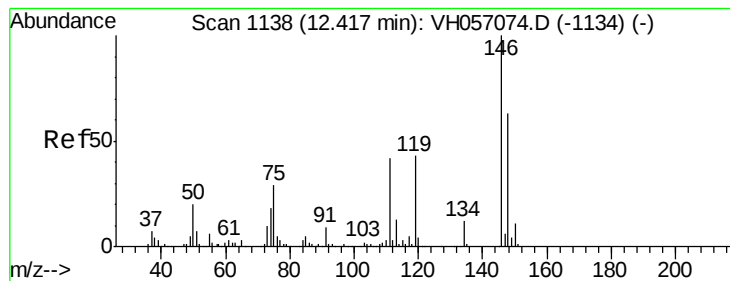
Tgt Ion:105 Resp: 802928
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 38.43 ug/l
 RT: 12.40 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

Tgt Ion:119 Resp: 612588
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 24.6 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 40.25 ug/l

RT: 12.42 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampled :

VSTDIC040

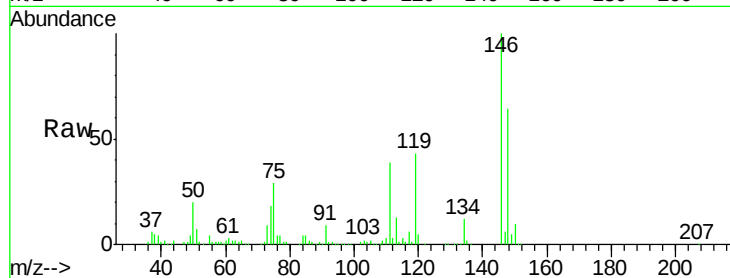
Tgt Ion:146 Resp: 435019

Ion Ratio Lower Upper

146 100

111 39.2 21.0 63.0

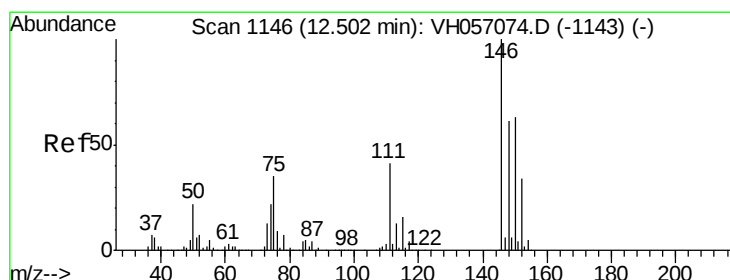
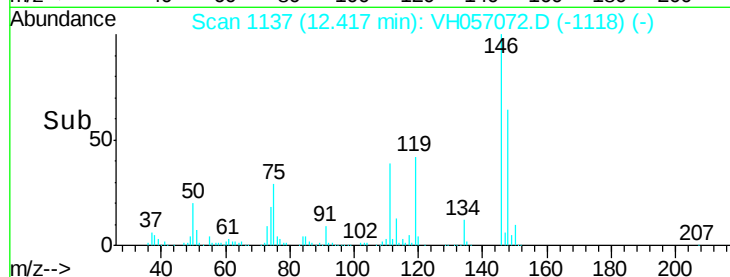
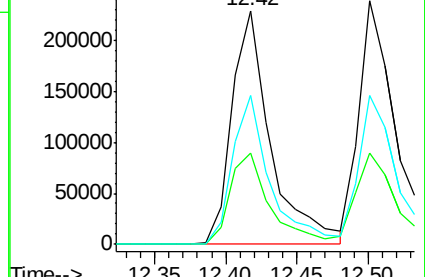
148 63.8 31.6 94.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 39.00 ug/l

RT: 12.50 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

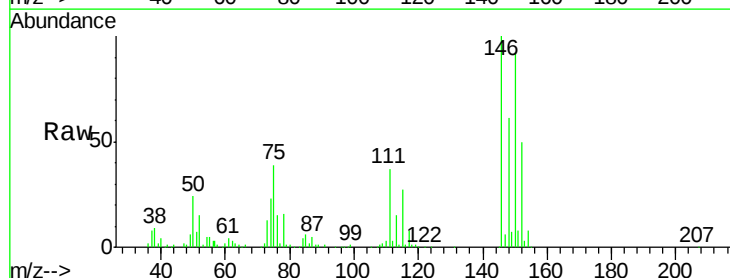
Tgt Ion:146 Resp: 443656

Ion Ratio Lower Upper

146 100

111 37.5 19.8 59.3

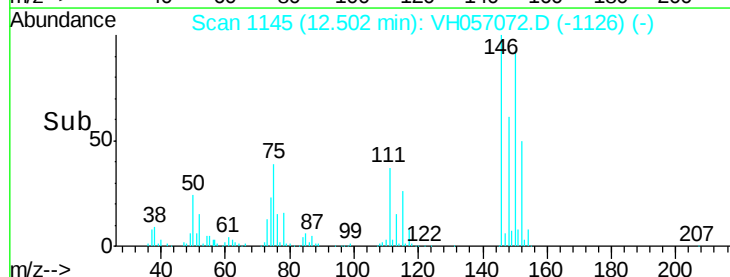
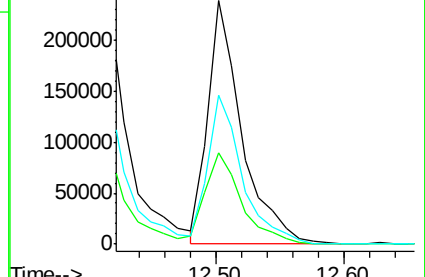
148 61.1 30.3 90.9

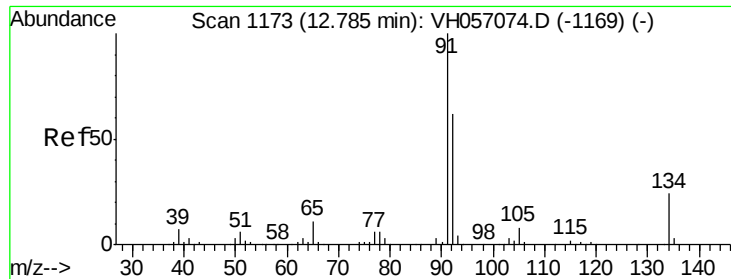


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

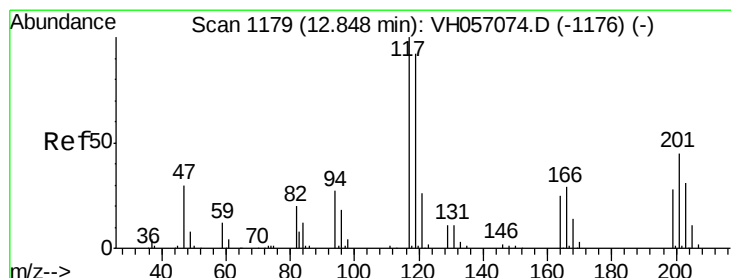
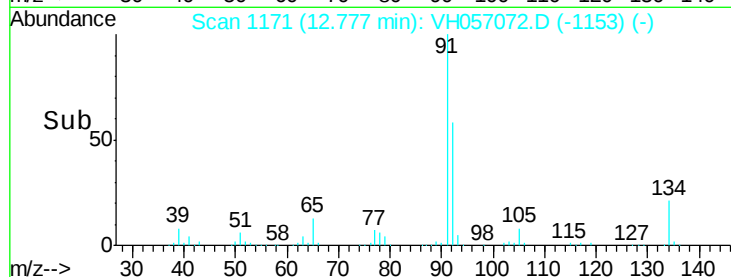
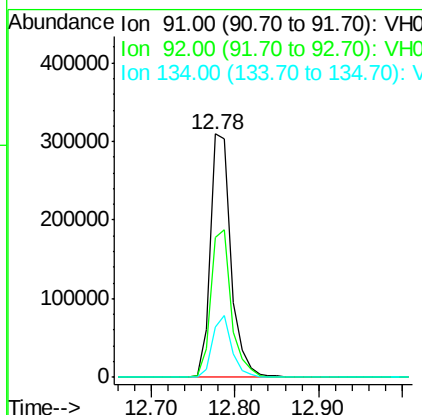
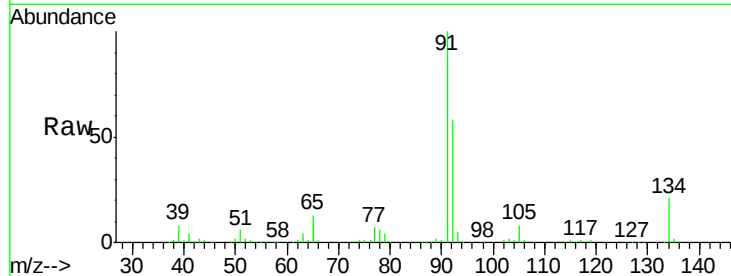




#89
n-Butylbenzene
Concen: 41.68 ug/l
RT: 12.78 min Scan# 1171
Delta R.T. -0.01 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

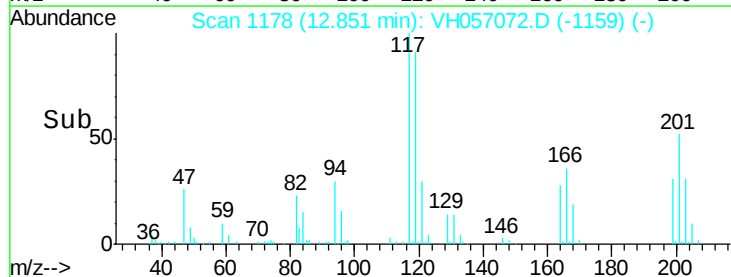
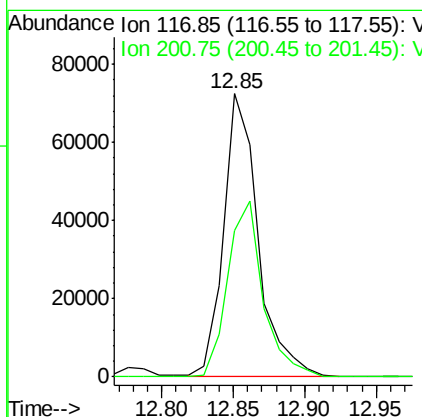
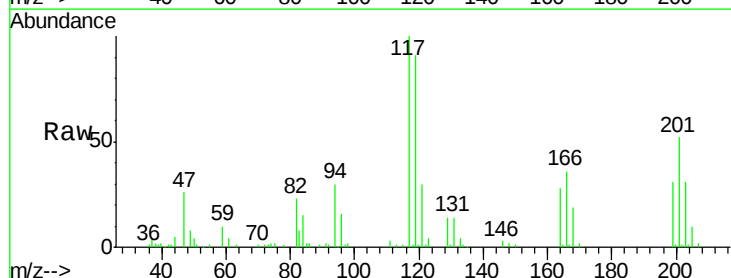
Instrument :
MSVOA_H
ClientSampleId :
VSTDIC040

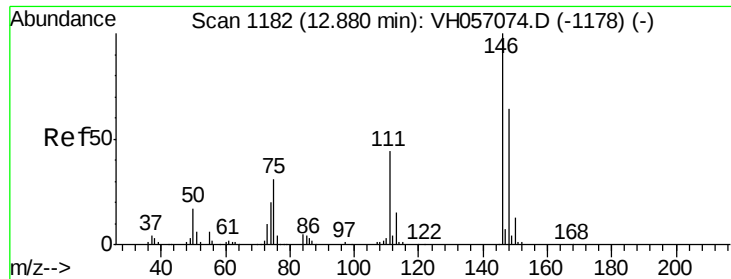
Tgt Ion: 91 Resp: 520591
Ion Ratio Lower Upper
91 100
92 57.5 31.3 93.9
134 20.8 10.5 31.6



#90
Hexachloroethane
Concen: 35.67 ug/l
RT: 12.85 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion: 117 Resp: 121032
Ion Ratio Lower Upper
117 100
201 51.8 14.0 80.8





#91

1,2-Dichlorobenzene

Concen: 41.95 ug/l

RT: 12.88 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

Instrument :

MSVOA_H

ClientSampleId :

VSTDIC040

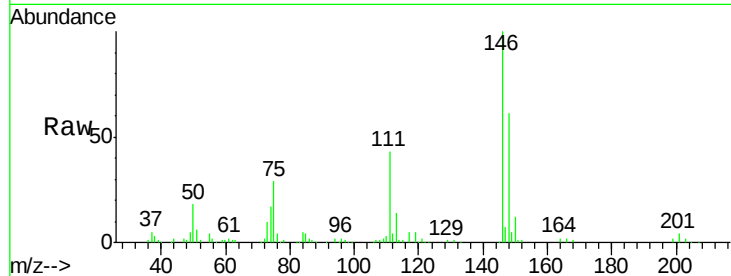
Tgt Ion:146 Resp: 389892

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.1

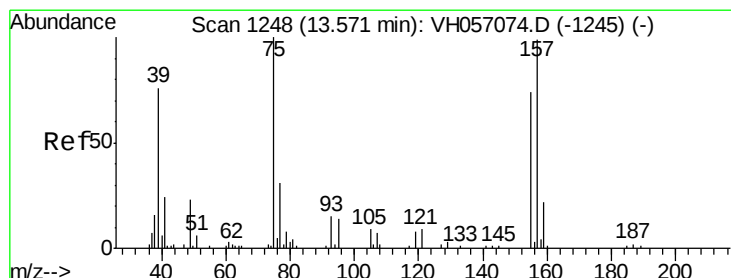
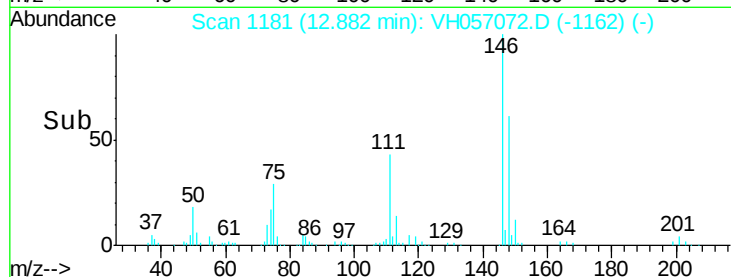
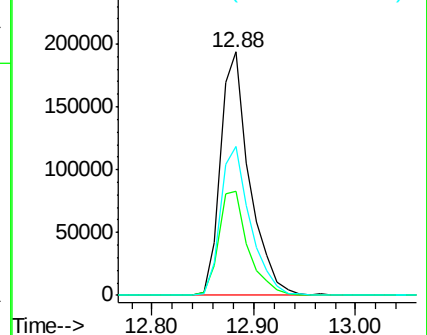
148 60.9 31.4 94.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.18 ug/l

RT: 13.58 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VH057072.D

Acq: 17 Sep 2015 18:08

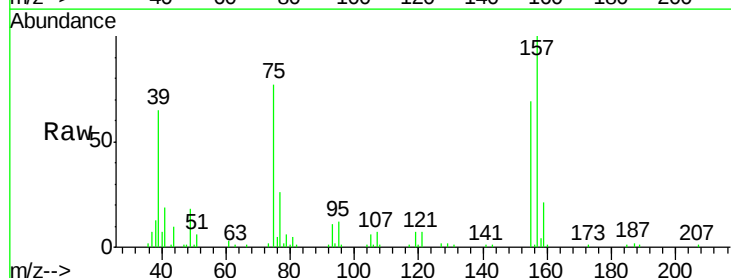
Tgt Ion: 75 Resp: 68907

Ion Ratio Lower Upper

75 100

155 89.0 43.4 130.2

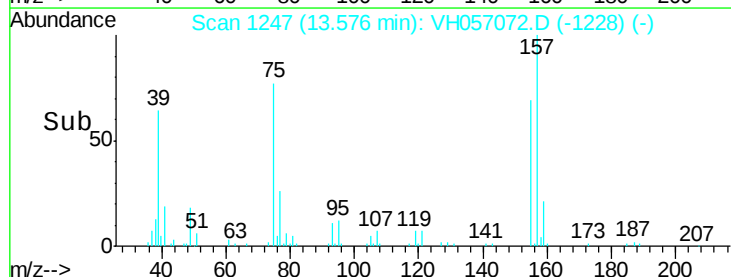
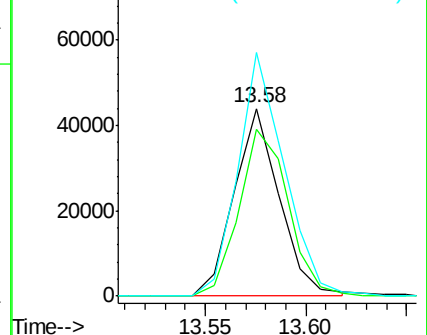
157 129.8 62.8 188.4

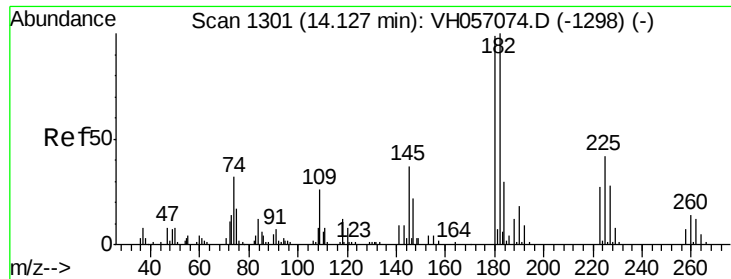


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

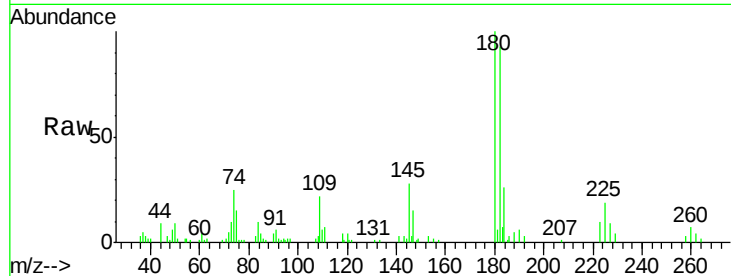




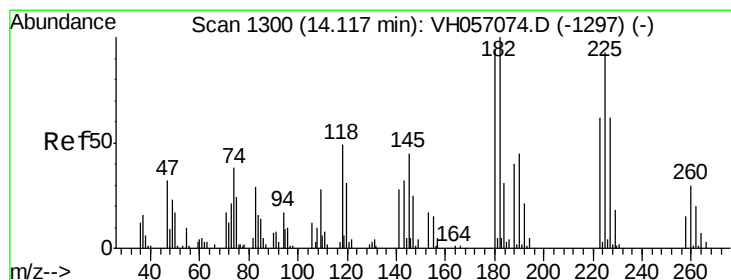
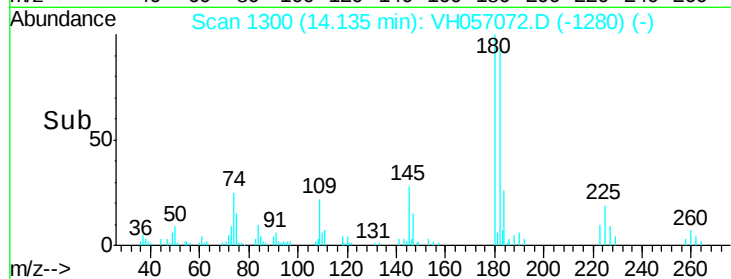
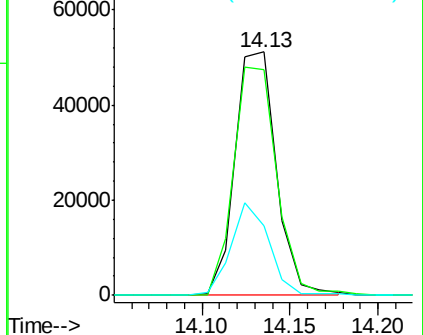
#93
 1,2,4-Trichlorobenzene
 Concen: 43.58 ug/l
 RT: 14.13 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

Instrument :
 MSVOA_H
 ClientSampleId :
 VSTDIC040

Tgt Ion:180 Resp: 83252
 Ion Ratio Lower Upper
 180 100
 182 92.9 43.0 129.2
 145 28.5 17.3 52.0

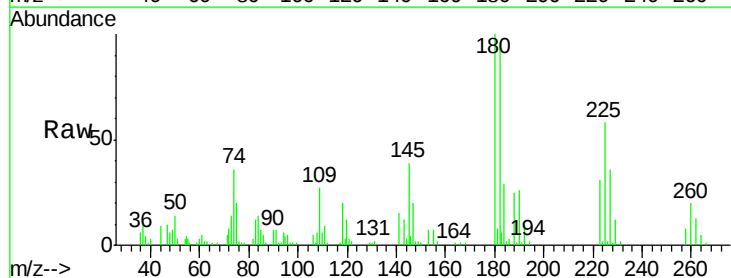


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

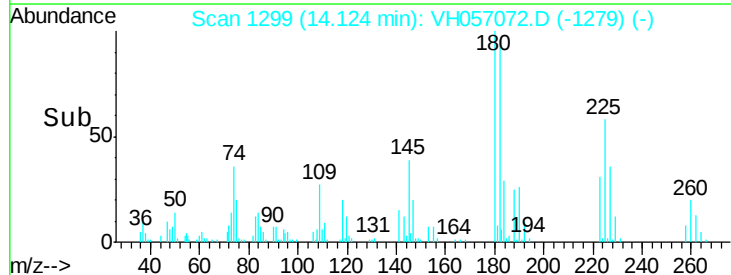
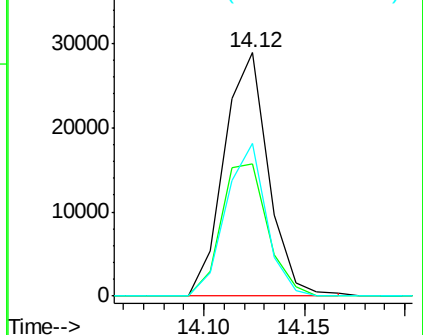


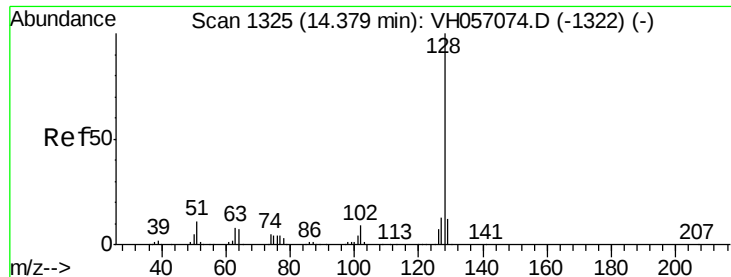
#94
 Hexachlorobutadiene
 Concen: 52.66 ug/l
 RT: 14.12 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: VH057072.D
 Acq: 17 Sep 2015 18:08

Tgt Ion:225 Resp: 44383
 Ion Ratio Lower Upper
 225 100
 223 54.1 30.3 90.8
 227 62.6 30.5 91.5



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

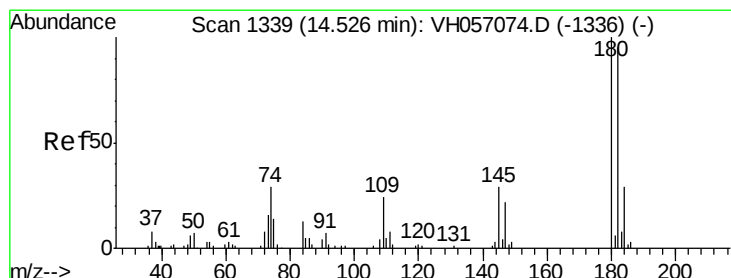
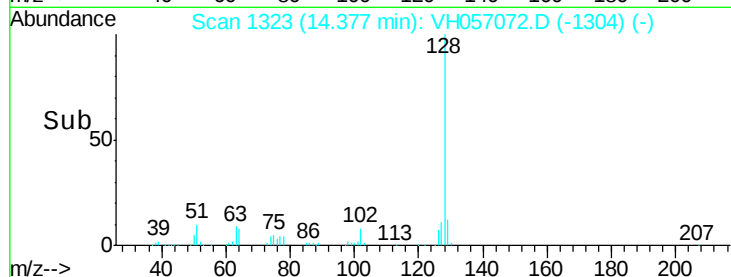
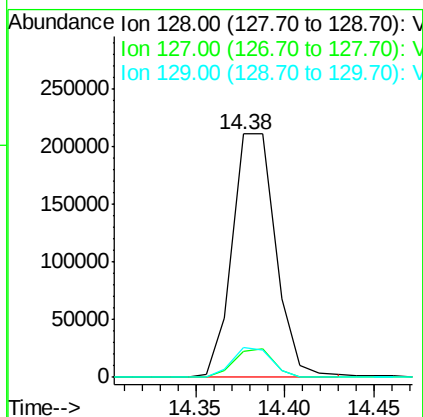
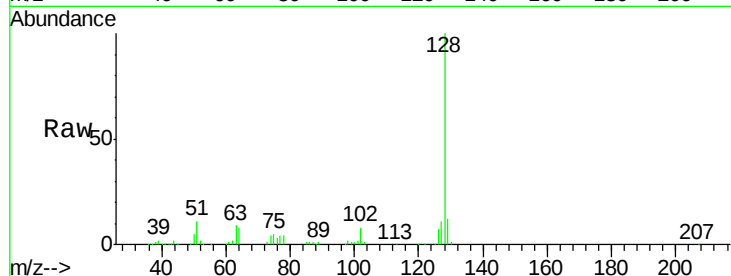




#95
Naphthalene
Concen: 43.80 ug/l
RT: 14.38 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Instrument :
MSVOA_H
ClientSampled :
VSTDIC040

Tgt Ion:128 Resp: 349795
Ion Ratio Lower Upper
128 100
127 10.9 9.6 14.4
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.79 ug/l
RT: 14.52 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VH057072.D
Acq: 17 Sep 2015 18:08

Tgt Ion:180 Resp: 58361
Ion Ratio Lower Upper
180 100
182 88.5 47.1 141.3
145 28.7 12.5 37.5

