

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000059.D
 Acq On : 12 Feb 2018 10:50
 Operator : JC/MD
 Sample : VX0212WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0212WBL01

Quant Time: Feb 13 02:44:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	166340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	264000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	137560	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	86726	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.51	113	76414	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.73	98	280754	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.15	95	113069	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	46	0.03	ug/l #	43
13) Acrolein	2.29	56	64	0.18	ug/l #	21
14) Allyl chloride	2.74	41	173	0.06	ug/l #	33
17) Carbon Disulfide	2.58	76	892	0.19	ug/l #	69
18) Methyl Acetate	2.78	43	149	0.06	ug/l #	50
20) Methylene Chloride	2.87	84	122	0.07	ug/l #	55
21) trans-1,2-Dichloroethene	3.17	96	135	0.08	ug/l #	1
22) Diisopropyl ether	3.87	45	105	0.02	ug/l #	50
23) Vinyl Acetate	3.83	43	155	0.04	ug/l #	70
24) 1,1-Dichloroethane	3.72	63	23	0.01	ug/l #	83
25) 2-Butanone	4.71	43	140	0.09	ug/l #	46
26) 2,2-Dichloropropane	4.59	77	20	0.01	ug/l #	52
37) Ethyl Acetate	4.87	43	263	0.09	ug/l #	67
39) Methylcyclohexane	7.47	83	20	0.01	ug/l #	51
41) Methacrylonitrile	5.07	41	131	0.09	ug/l #	13
43) Isopropyl Acetate	6.64	43	19	0.00	ug/l #	60
44) Trichloroethene	7.23	130	42	0.02	ug/l	3
48) Methyl methacrylate	7.79	41	94	0.04	ug/l #	11
51) 4-Methyl-2-Pentanone	8.66	43	90	0.03	ug/l #	35
52) Toluene	8.79	92	39	0.01	ug/l #	1
54) cis-1,3-Dichloropropene	9.05	75	86	0.03	ug/l #	29
58) 2-Chloroethyl Vinyl ether	8.32	63	85	0.06	ug/l #	44
59) 2-Hexanone	9.51	43	187	0.07	ug/l #	24
60) Dibromochloromethane	9.34	129	23	0.01	ug/l #	11
65) Chlorobenzene	10.15	112	159	0.03	ug/l #	43
67) Ethyl Benzene	10.26	91	213	0.02	ug/l #	42
68) m/p-Xylenes	10.37	106	192	0.06	ug/l	81
70) Styrene	10.72	104	195	0.04	ug/l #	69
73) Isopropylbenzene	11.03	105	221	0.03	ug/l #	47
74) N-amyl acetate	6.64	43	19	0.00	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.15	83	191	0.06	ug/l #	1
77) Bromobenzene	11.27	156	29	0.01	ug/l #	1
78) n-propylbenzene	11.37	91	377	0.04	ug/l	77
79) 2-Chlorotoluene	11.52	91	378	0.06	ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

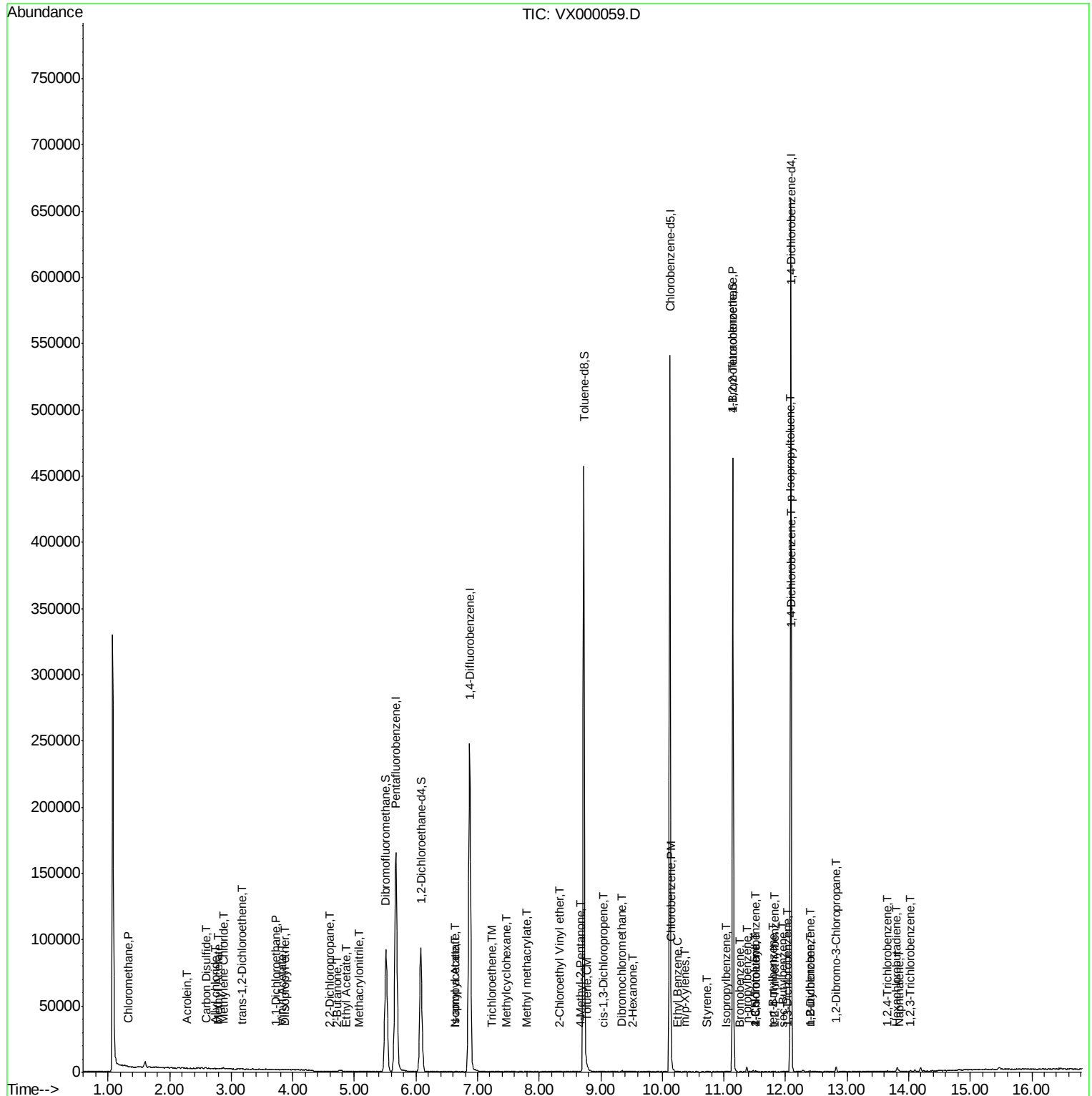
80) 1,3,5-Trimethylbenzene	11.51	105	161	0.02	ug/l #	62
82) 4-Chlorotoluene	11.52	91	378	0.05	ug/l	90
83) tert-Butylbenzene	11.78	119	150	0.02	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.82	105	299	0.04	ug/l	80
85) sec-Butylbenzene	11.95	105	322	0.04	ug/l #	55
86) p-Isopropyltoluene	12.07	119	301	0.04	ug/l #	1
87) 1,3-Dichlorobenzene	12.03	146	279	0.06	ug/l #	67
88) 1,4-Dichlorobenzene	12.10	146	576	0.13	ug/l #	1
89) n-Butylbenzene	12.40	91	421	0.06	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	97	0.02	ug/l #	53
92) 1,2-Dibromo-3-Chloropropan	12.82	75	141	0.17	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	309	0.09	ug/l	89
94) Hexachlorobutadiene	13.79	225	155	0.10	ug/l #	50
95) Naphthalene	13.85	128	553	0.05	ug/l #	74
96) 1,2,3-Trichlorobenzene	14.04	180	154	0.05	ug/l #	62

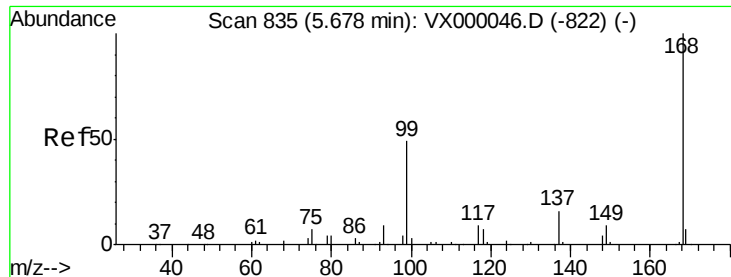
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

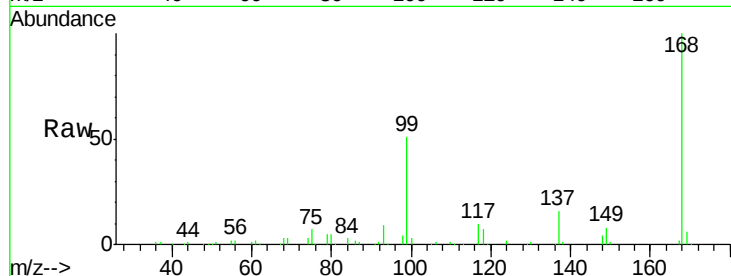
Instrument :
ClientSampled :
VX0212WBL01

Tot Ion:168 Resp: 166340

Ion Ratio Lower Upper

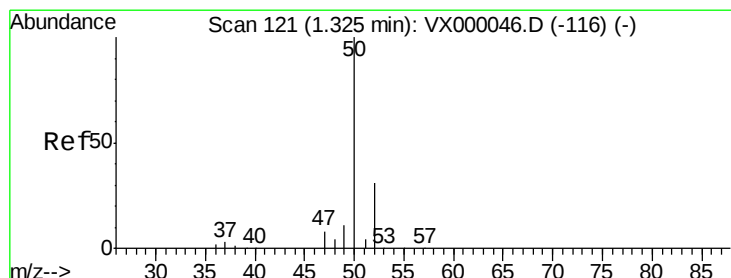
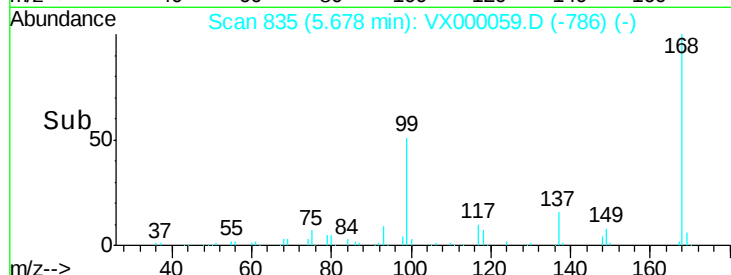
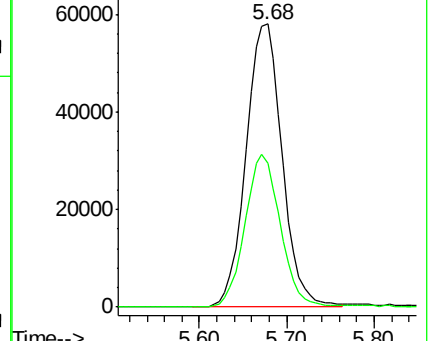
168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.03 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000059.D

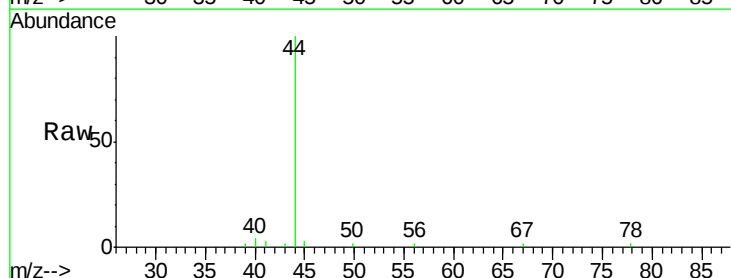
Acq: 12 Feb 2018 10:50

Tgt Ion: 50 Resp: 46

Ion Ratio Lower Upper

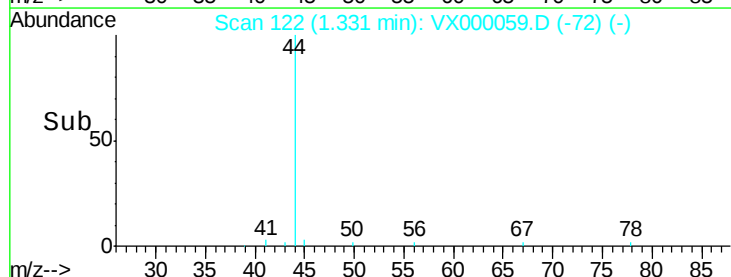
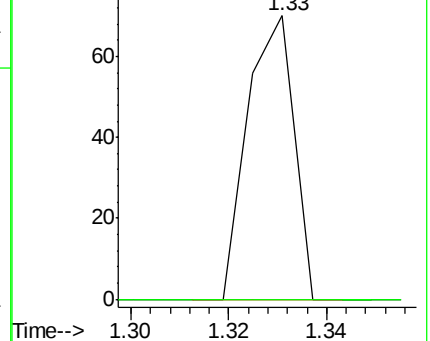
50 100

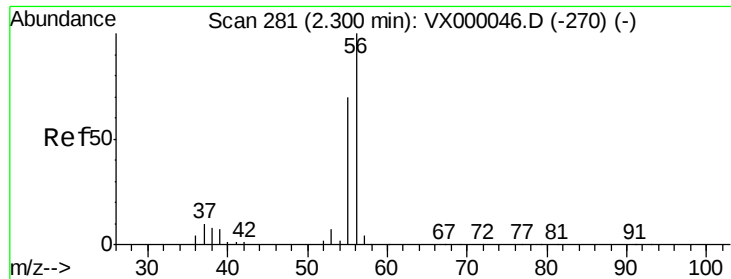
52 0.0 25.0 37.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#13

Acrolein

Concen: 0.18 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

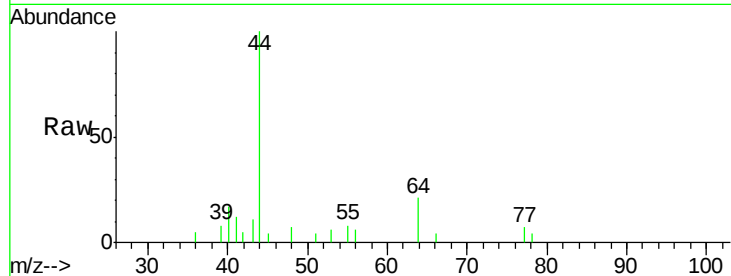
Instrument :
ClientSampled :
VX0212WBL01

Tot Ion: 56 Resp: 64

Ion Ratio Lower Upper

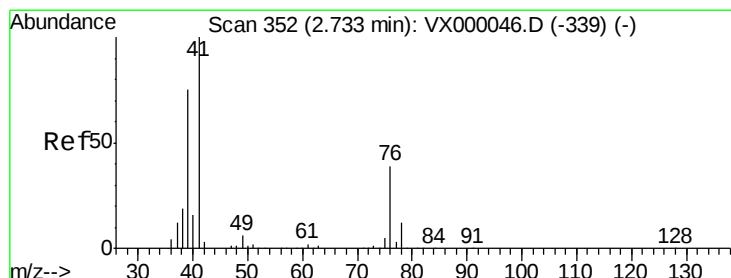
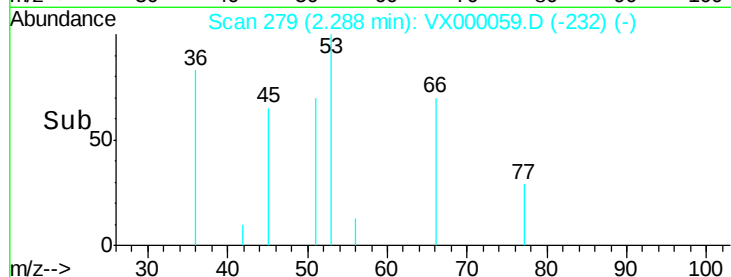
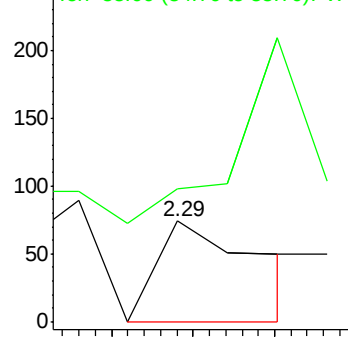
56 100

55 135.9 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.06 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

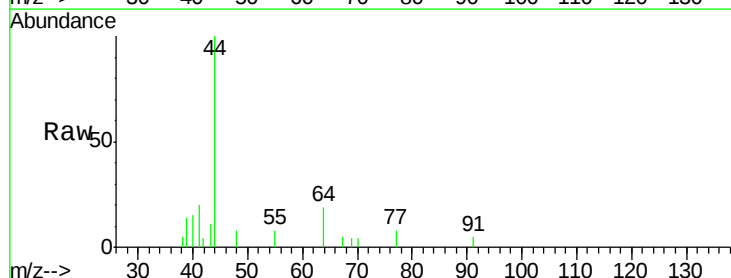
Tgt Ion: 41 Resp: 173

Ion Ratio Lower Upper

41 100

39 127.2 55.8 83.6#

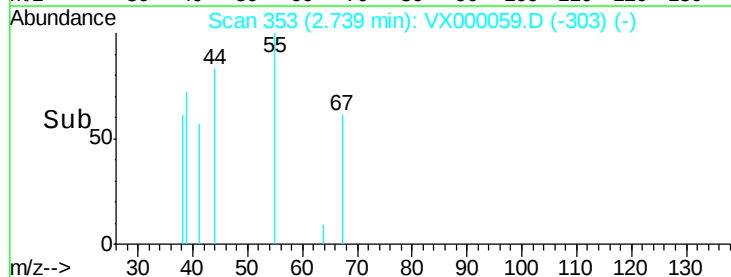
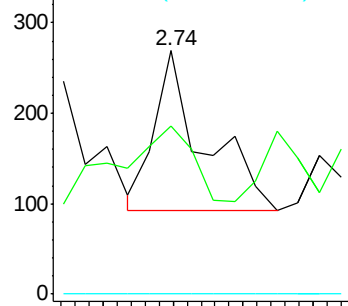
76 0.0 28.7 43.1#

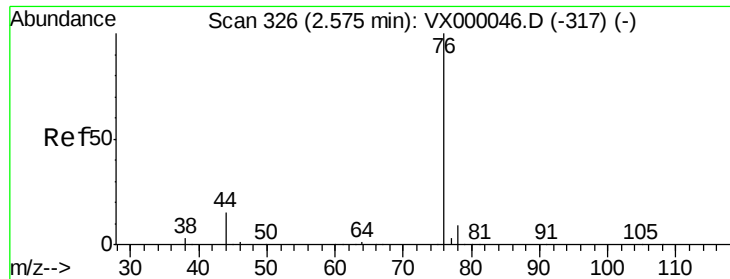


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#17

Carbon Disulfide

Concen: 0.19 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

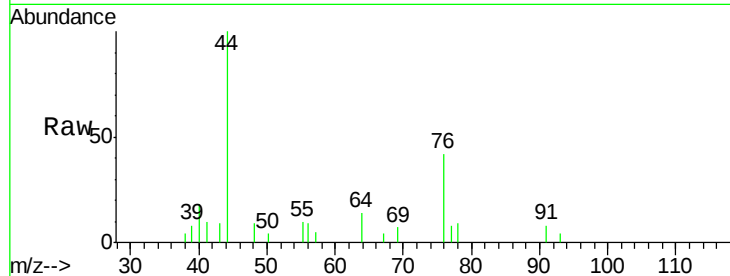
Instrument :
ClientSampled :
VX0212WBL01

Tot Ion: 76 Resp: 892

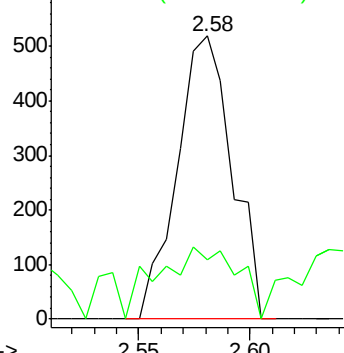
Ion Ratio Lower Upper

76 100

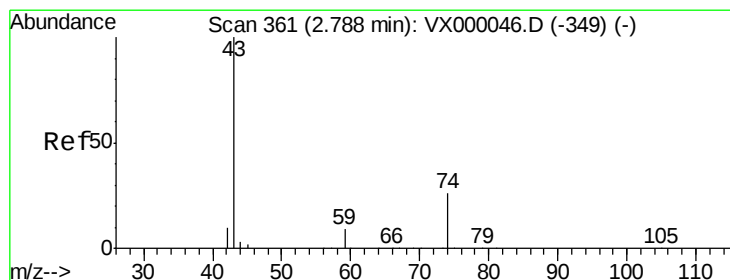
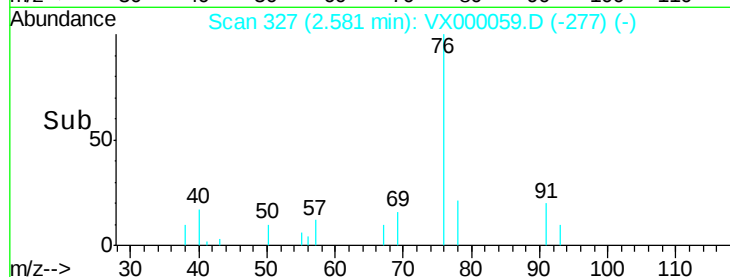
78 20.8 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 0.06 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX000059.D

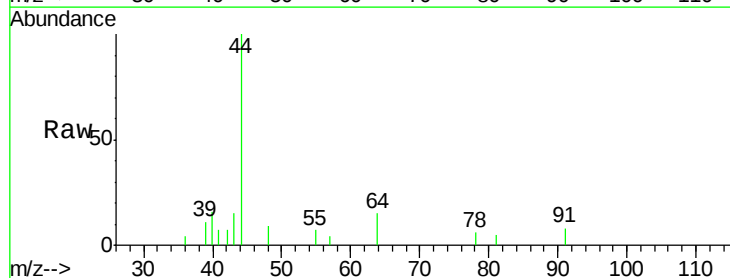
Acq: 12 Feb 2018 10:50

Tgt Ion: 43 Resp: 149

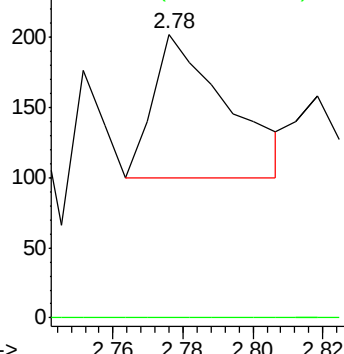
Ion Ratio Lower Upper

43 100

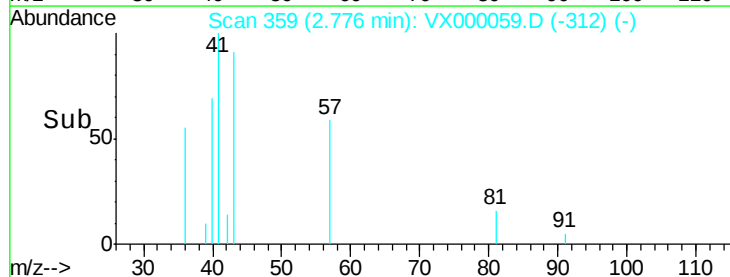
74 0.0 20.2 30.4#

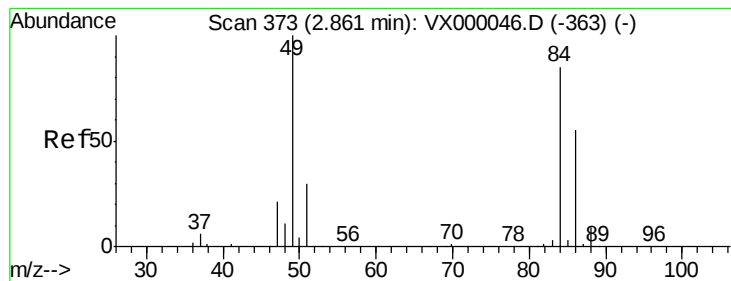


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



Time-->





#20

Methylene Chloride

Concen: 0.07 ug/l

RT: 2.87 min Scan# 374

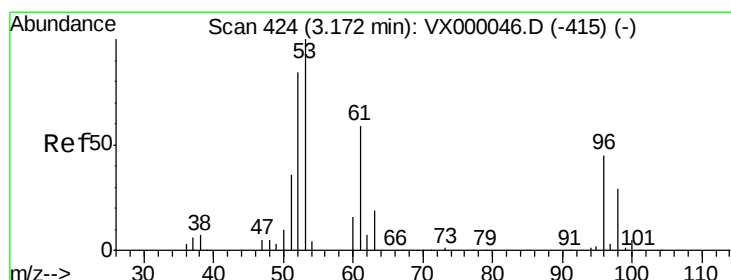
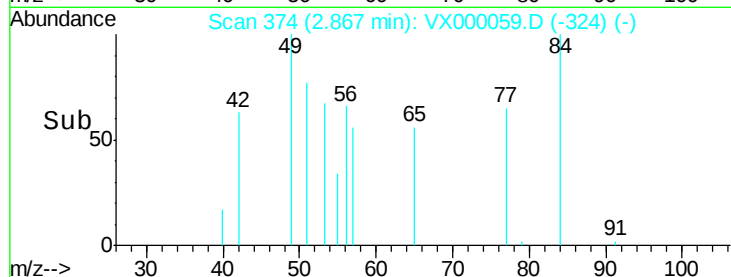
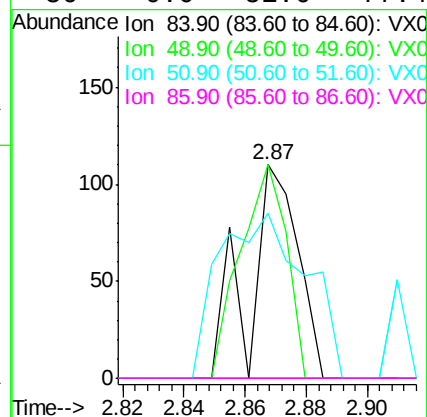
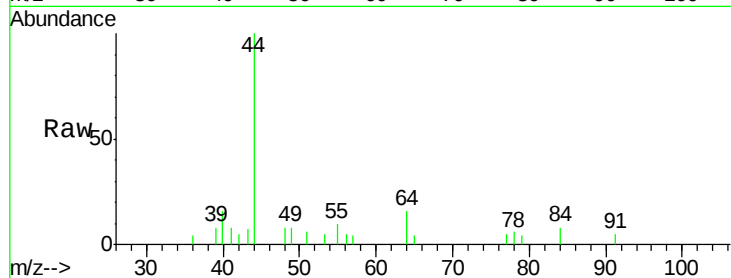
Delta R.T. 0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :
ClientSampled :
VX0212WBL01

Tot Ion:	84	Resp:	122
Ion	Ratio	Lower	Upper
84	100		
49	100.0	94.4	141.6
51	77.3	28.3	42.5#
86	0.0	51.6	77.4#



#21

trans-1,2-Dichloroethene

Concen: 0.08 ug/l

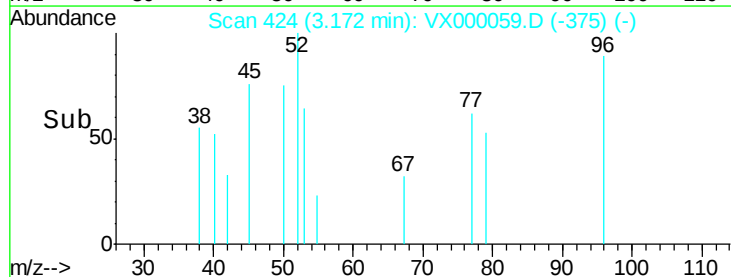
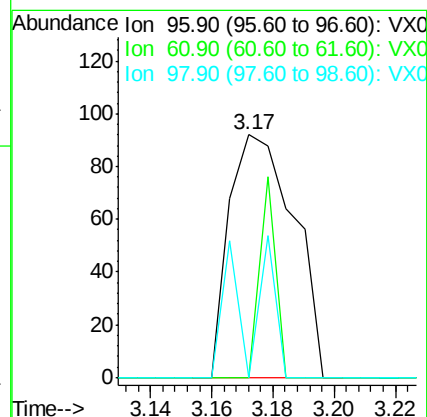
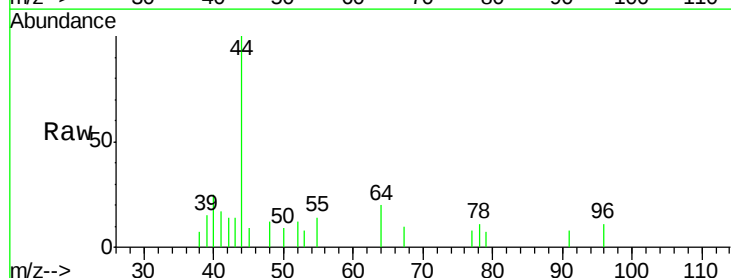
RT: 3.17 min Scan# 424

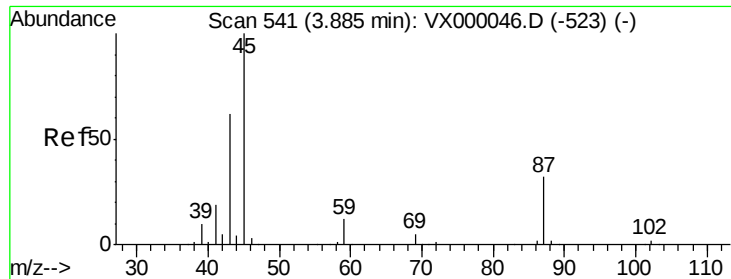
Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Tgt Ion:	96	Resp:	135
Ion	Ratio	Lower	Upper
96	100		
61	0.0	104.9	157.3#
98	0.0	52.4	78.6#





#22

Diisopropyl ether

Concen: 0.02 ug/l

RT: 3.87 min Scan# 539

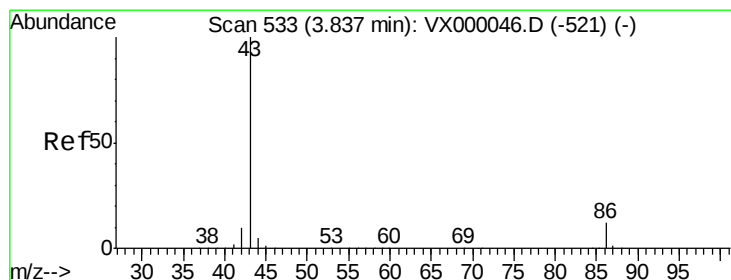
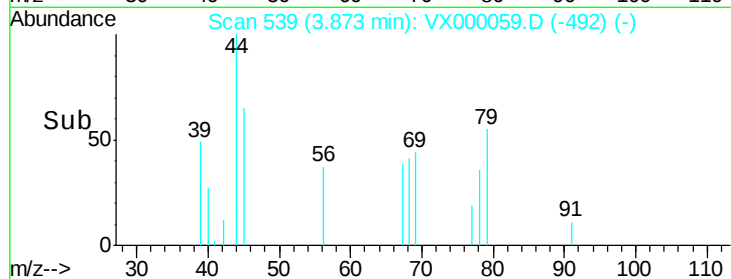
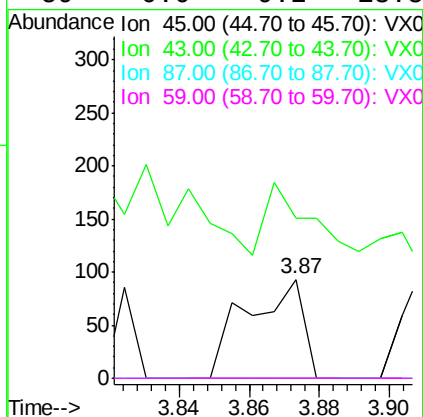
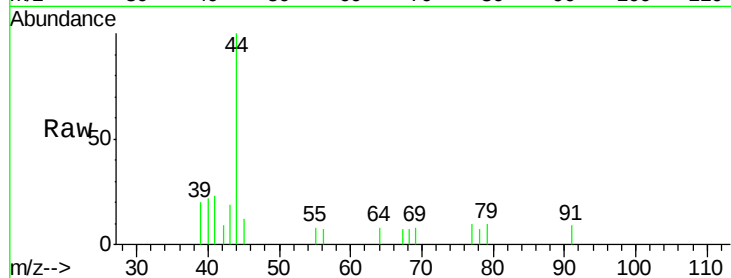
Delta R.T. -0.01 min

Lab File: VX000059.D

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Instrument :
ClientSampled :
VX0212WBL01

Tot Ion:	45	Resp:	105
Ion	Ratio	Lower	Upper
45	100		
43	23.7	49.6	74.4#
87	0.0	25.9	38.9#
59	0.0	9.2	13.8#



#23

Vinyl Acetate

Concen: 0.04 ug/l

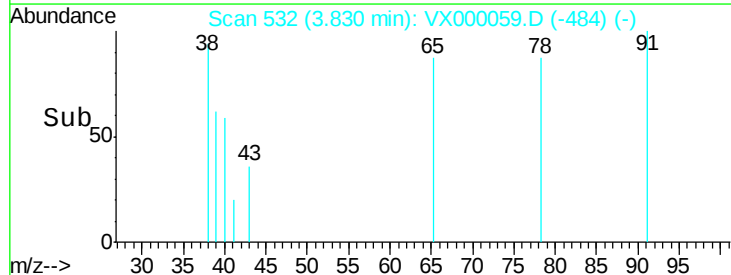
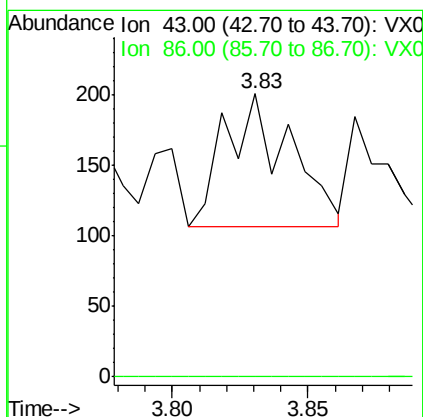
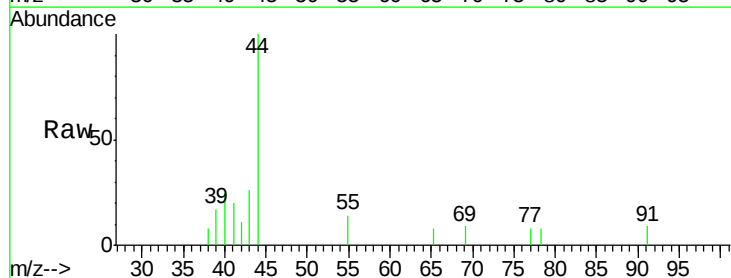
RT: 3.83 min Scan# 532

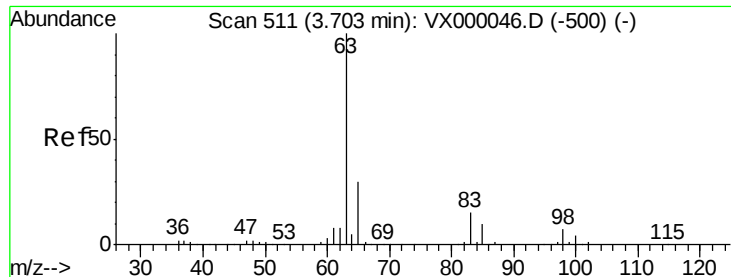
Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Tgt Ion:	43	Resp:	155
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.3	13.9#





#24

1,1-Dichloroethane

Concen: 0.01 ug/l

RT: 3.72 min Scan# 514

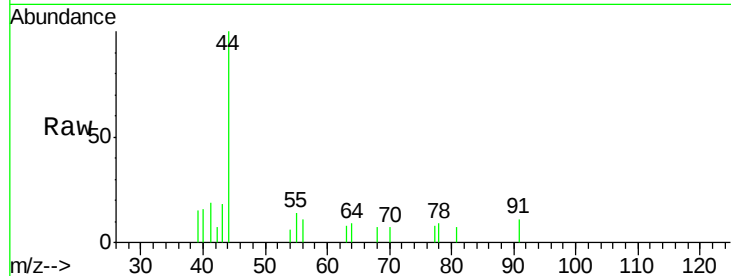
Delta R.T. 0.02 min

Lab File: VX000059.D

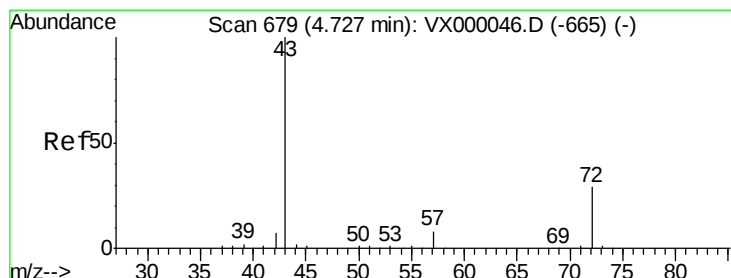
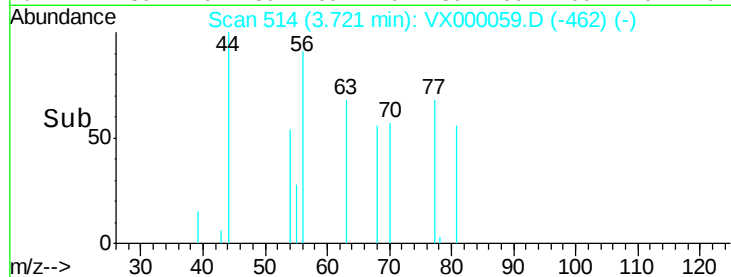
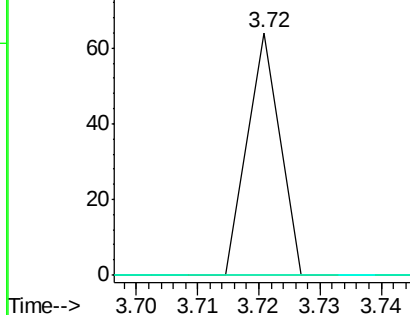
Acq: 12 Feb 2018 10:50

Instrument :
ClientSampled :
VX0212WBL01

Tot Ion:	63	Resp:	23
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.9#
100	0.0	2.1	6.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 0.09 ug/l

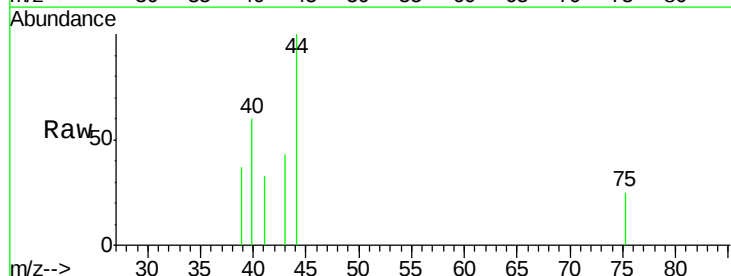
RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

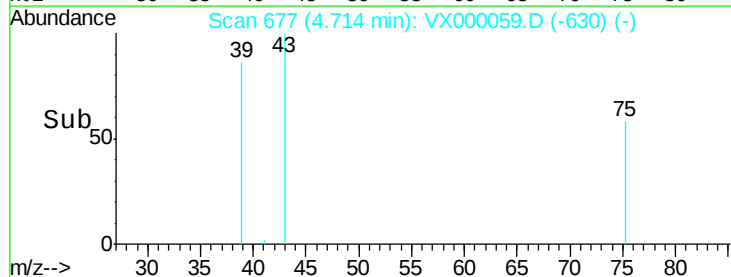
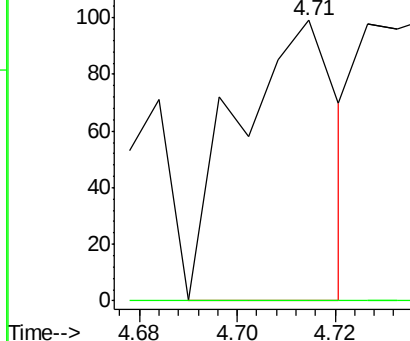
Lab File: VX000059.D

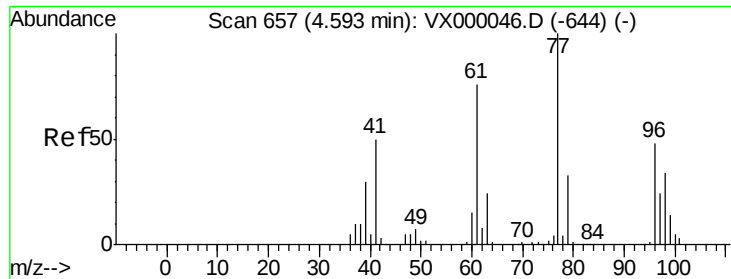
Acq: 12 Feb 2018 10:50

Tgt Ion:	43	Resp:	140
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 0.01 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampled :

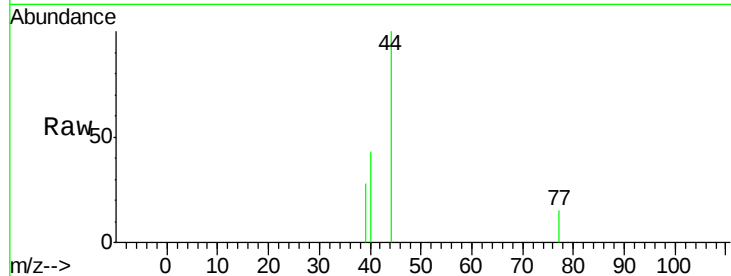
VX0212WBL01

Tot Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60

50

40

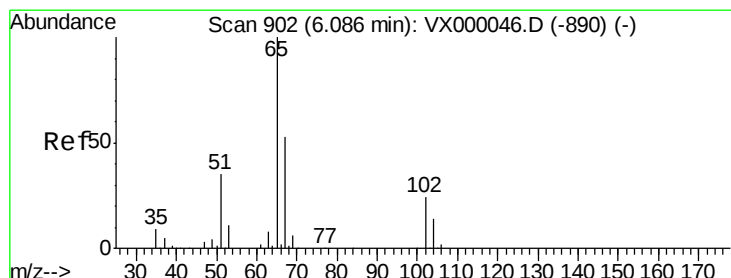
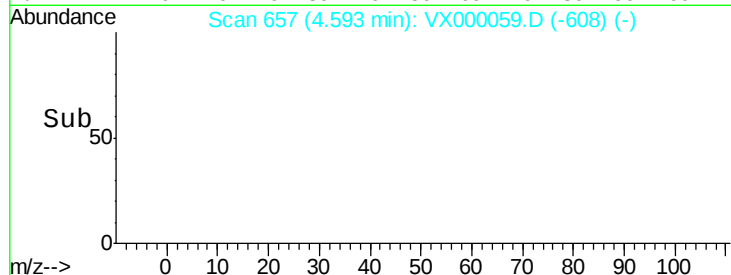
30

20

10

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.90 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000059.D

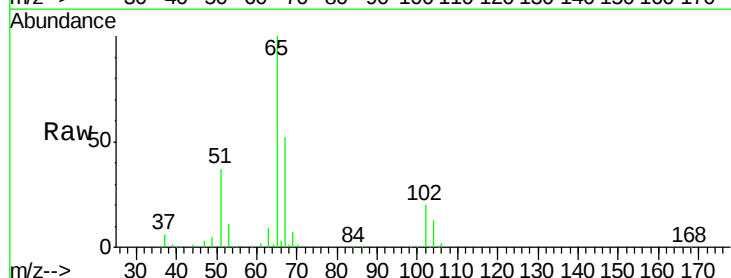
Acq: 12 Feb 2018 10:50

Tgt Ion: 65 Resp: 86726

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

40000

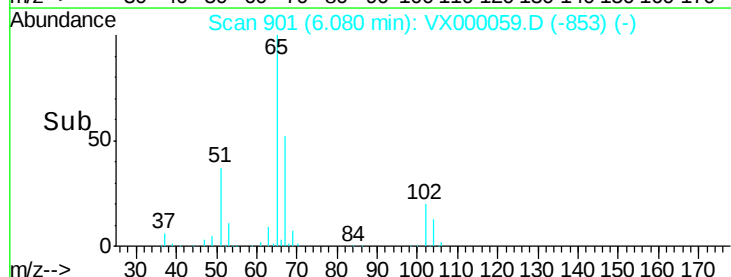
30000

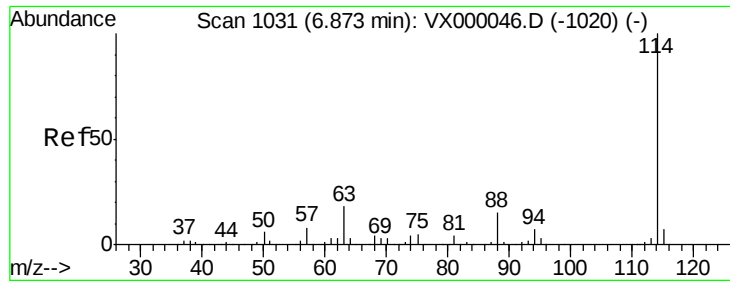
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :
ClientSampleId :
VX0212WBL01

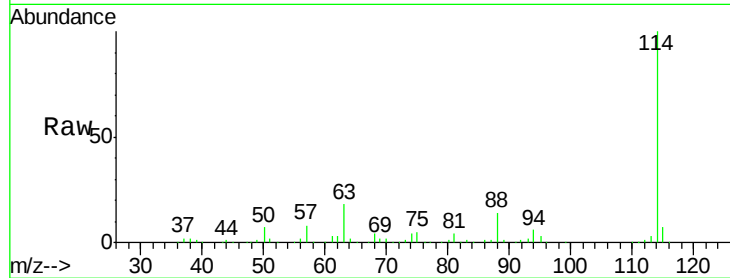
Tot Ion:114 Resp: 264000

Ion Ratio Lower Upper

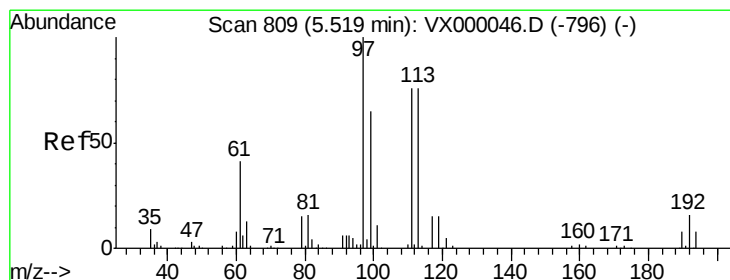
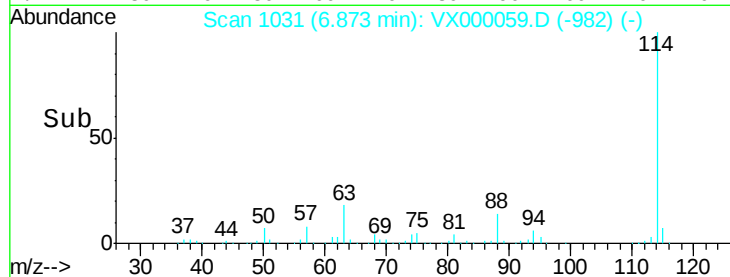
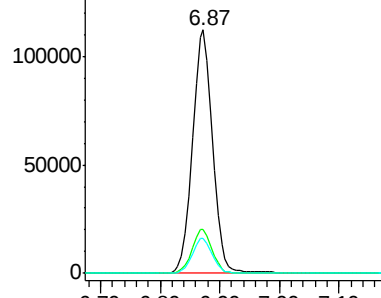
114 100

63 17.8 0.0 36.0

88 14.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX



#35

Dibromofluoromethane

Concen: 49.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

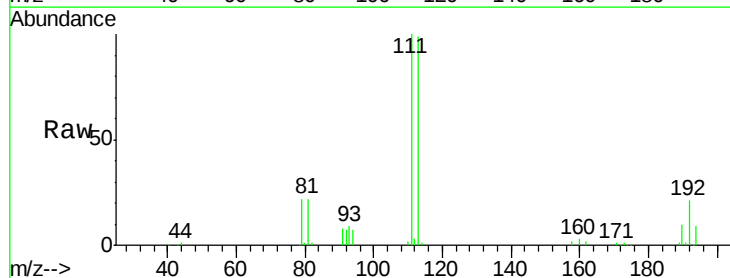
Tgt Ion:113 Resp: 76414

Ion Ratio Lower Upper

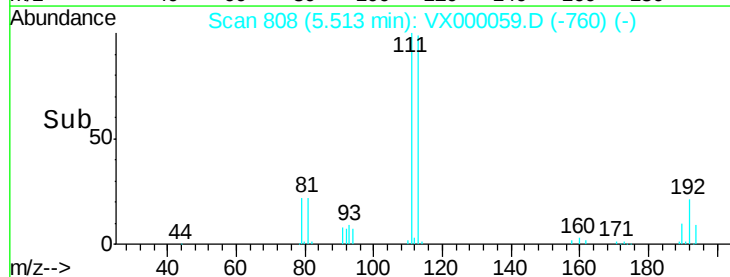
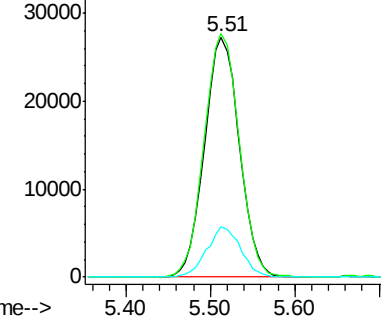
113 100

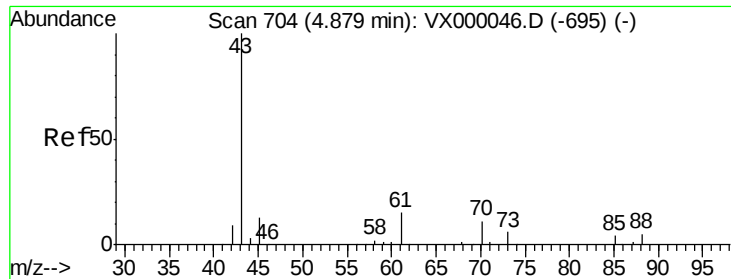
111 102.1 80.5 120.7

192 20.3 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

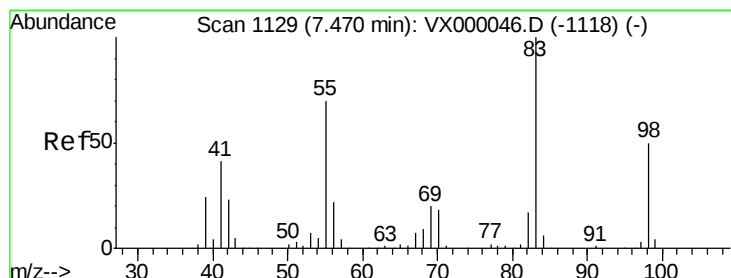
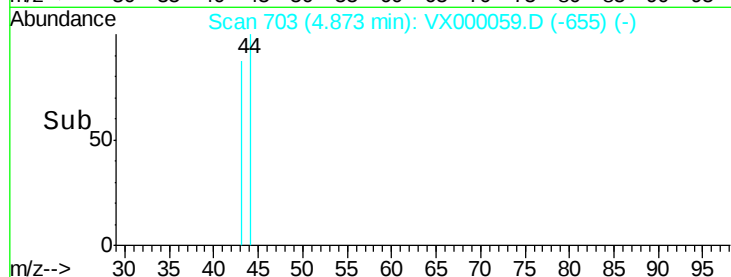
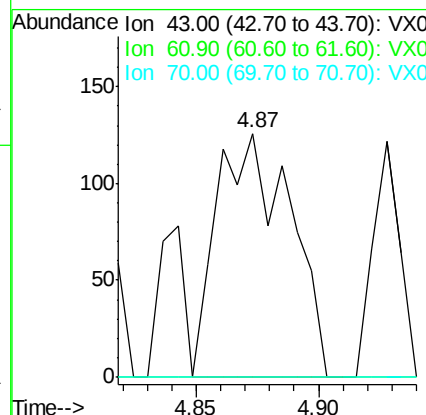
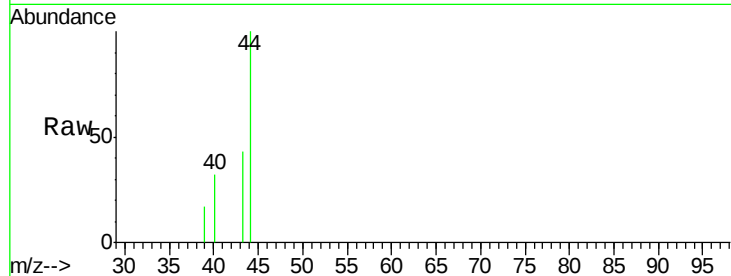




#37
Ethyl Acetate
Concen: 0.09 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

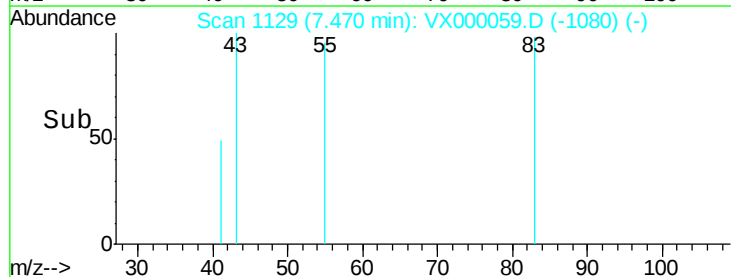
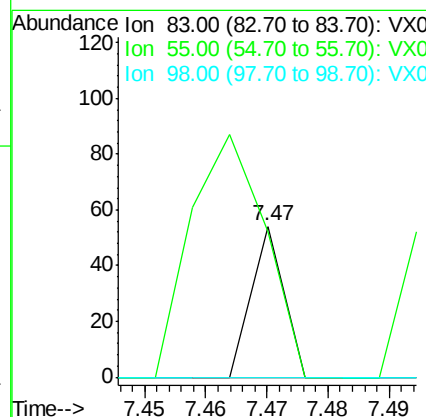
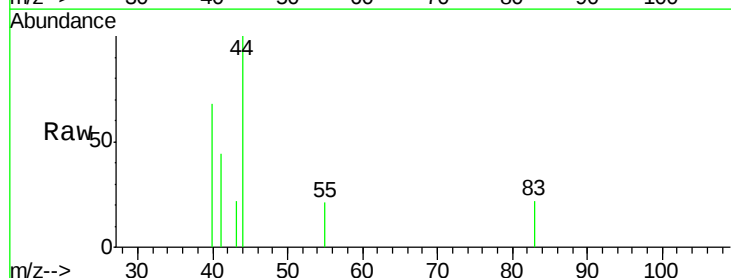
Instrument :
ClientSampled :
VX0212WBL01

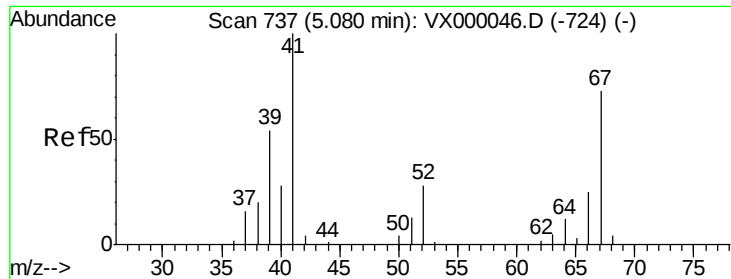
Tot Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 9.0 13.6#



#39
Methylcyclohexane
Concen: 0.01 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 96.3 55.7 83.5#
98 0.0 39.7 59.5#





#41

Methacrylonitrile

Concen: 0.09 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampled :

VX0212WBL01

Tot Ion: 41 Resp: 131

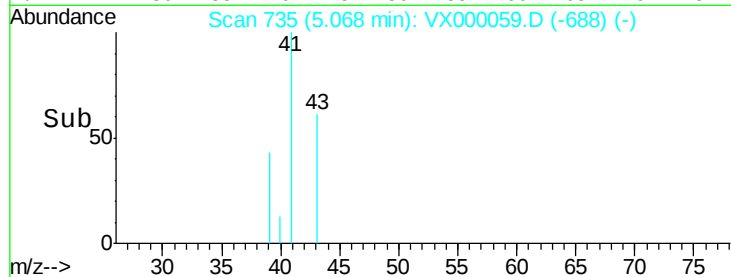
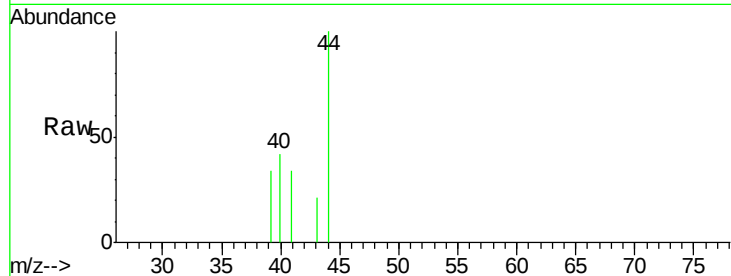
Ion Ratio Lower Upper

41 100

39 132.1 45.8 68.8#

67 0.0 60.6 91.0#

52 0.0 25.4 38.2#

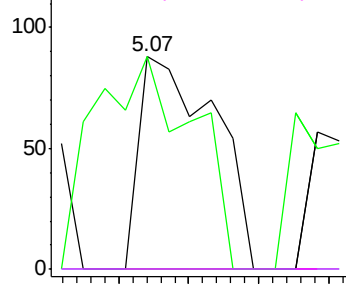


Abundance Ion 41.00 (40.70 to 41.70): VX0

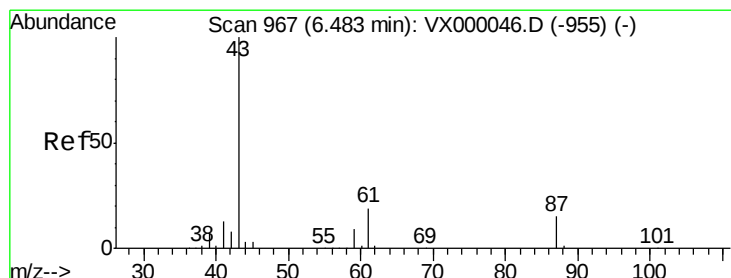
Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#43

Isopropyl Acetate

Concen: 0.00 ug/l

RT: 6.64 min Scan# 993

Delta R.T. 0.16 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

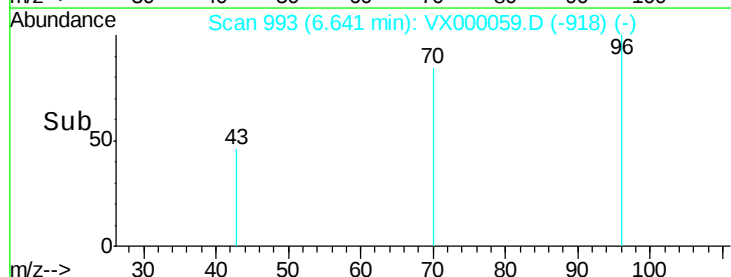
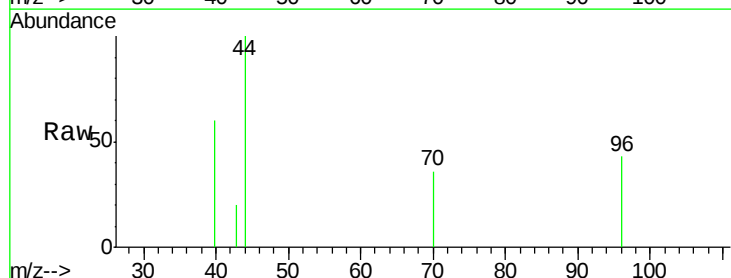
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

61 0.0 15.9 23.9#

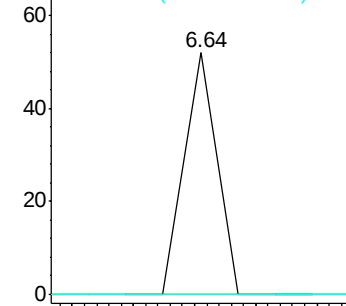
87 0.0 11.8 17.6#



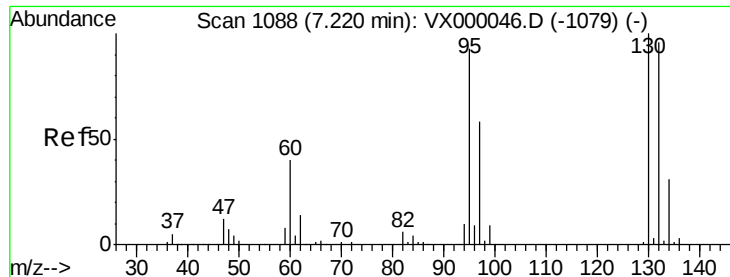
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 0.02 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampled :

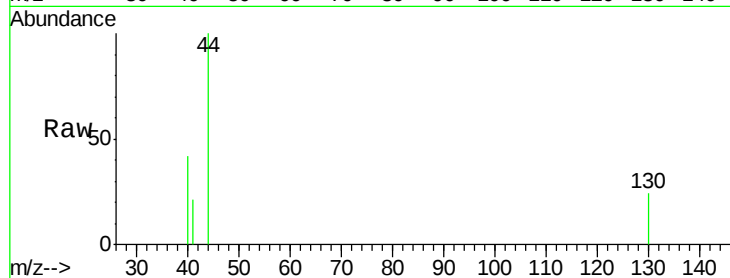
VX0212WBL01

Tot Ion:130 Resp: 42

Ion Ratio Lower Upper

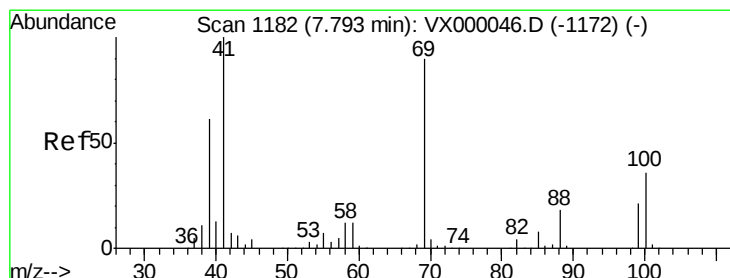
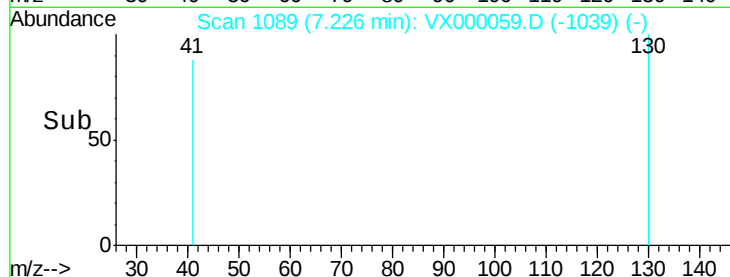
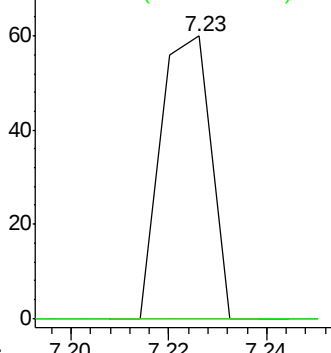
130 100

95 0.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.04 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

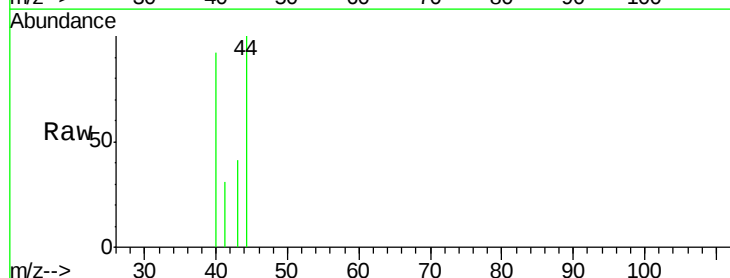
Tgt Ion: 41 Resp: 94

Ion Ratio Lower Upper

41 100

69 0.0 72.1 108.1#

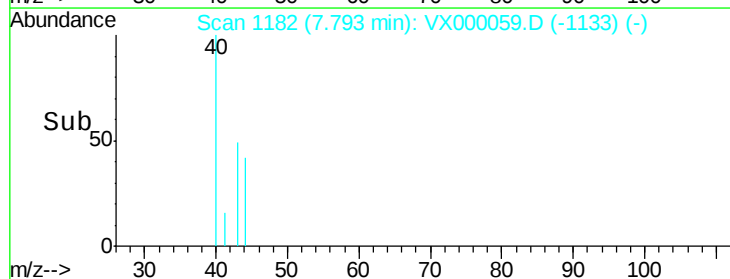
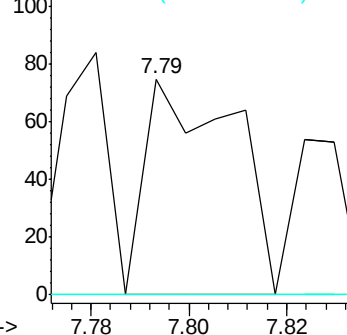
39 0.0 49.6 74.4#

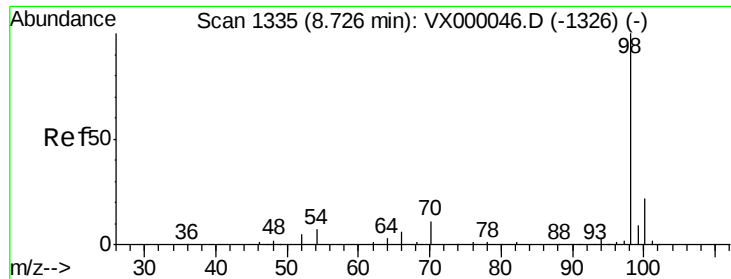


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 48.94 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

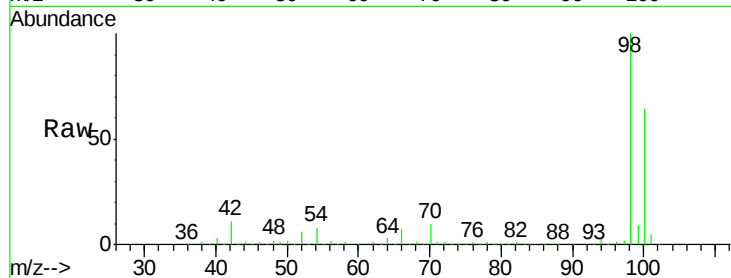
Instrument :
ClientSampled :
VX0212WBL01

Tot Ion: 98 Resp: 280754

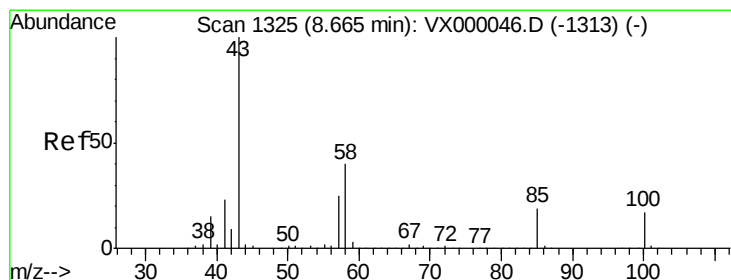
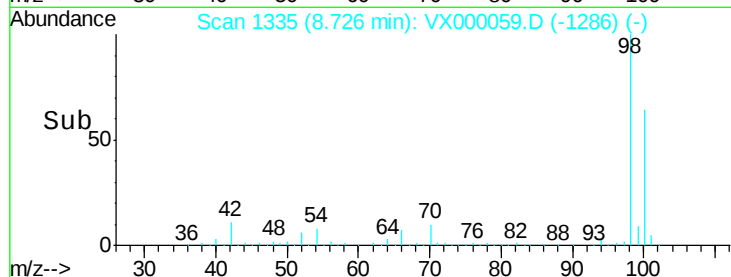
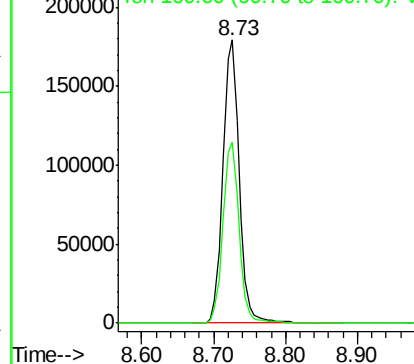
Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 0.03 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000059.D

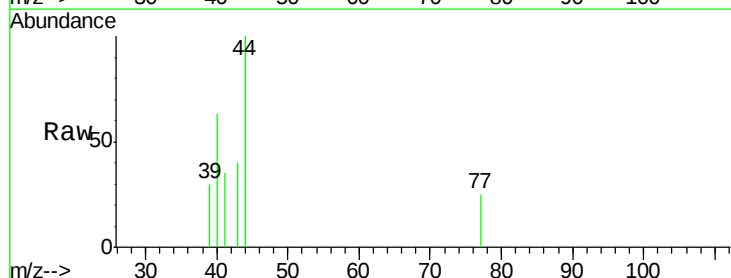
Acq: 12 Feb 2018 10:50

Tgt Ion: 43 Resp: 90

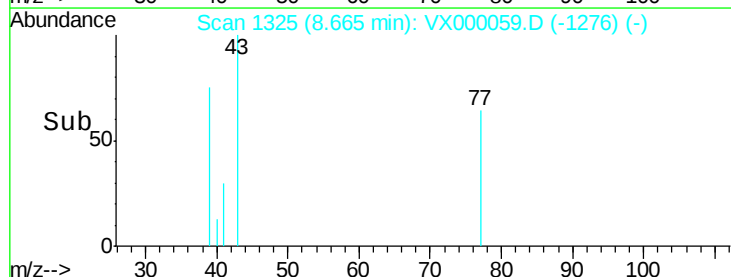
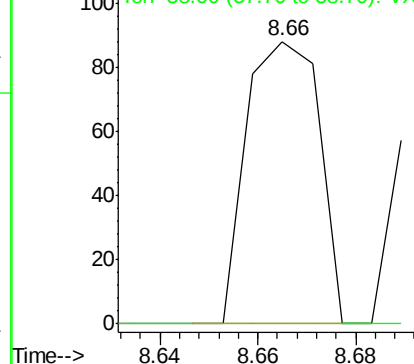
Ion Ratio Lower Upper

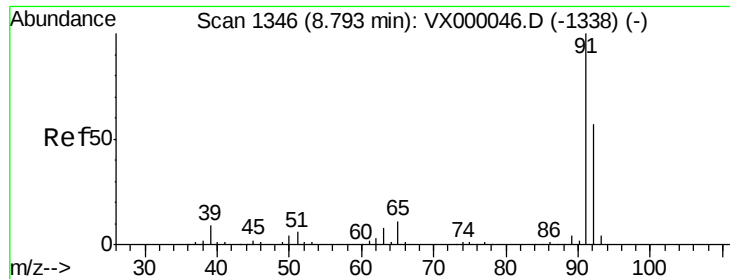
43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.01 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

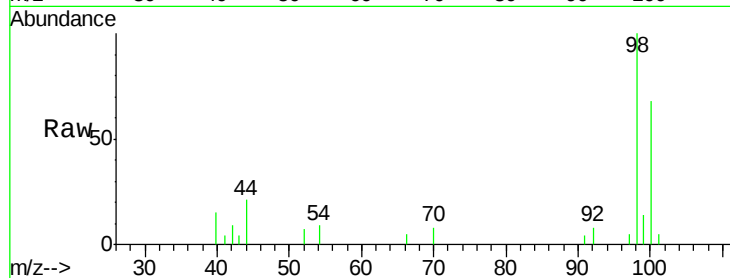
Instrument :
ClientSampleId :
VX0212WBL01

Tot Ion: 92 Resp: 39

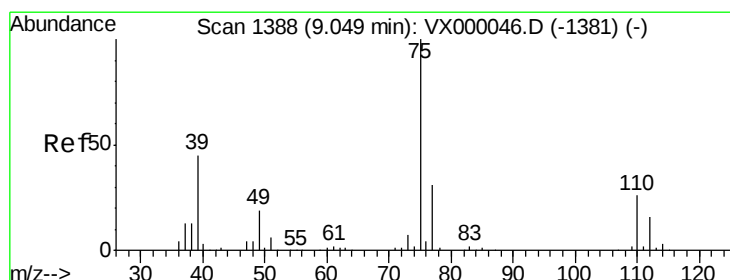
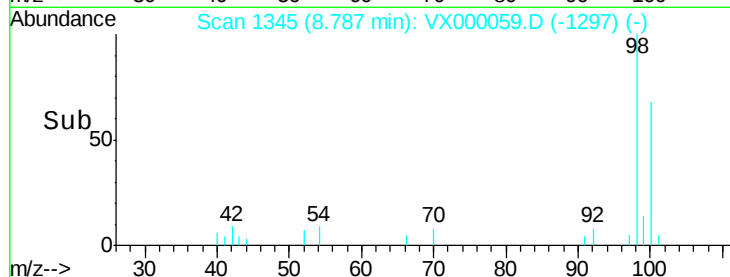
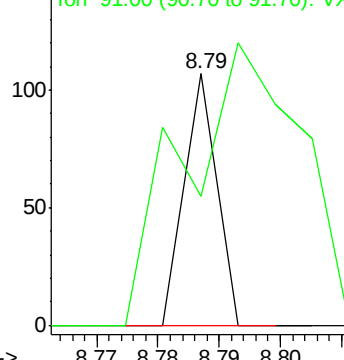
Ion Ratio Lower Upper

92 100

91 405.1 139.8 209.6#



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.03 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

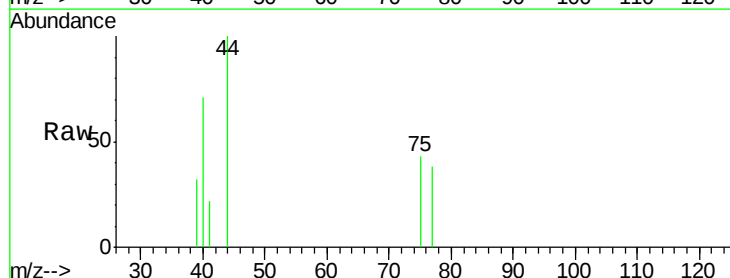
Tgt Ion: 75 Resp: 86

Ion Ratio Lower Upper

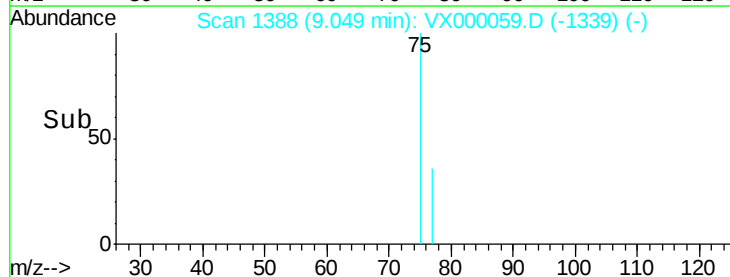
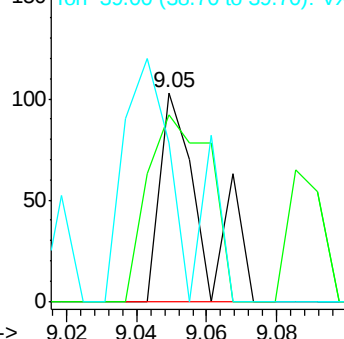
75 100

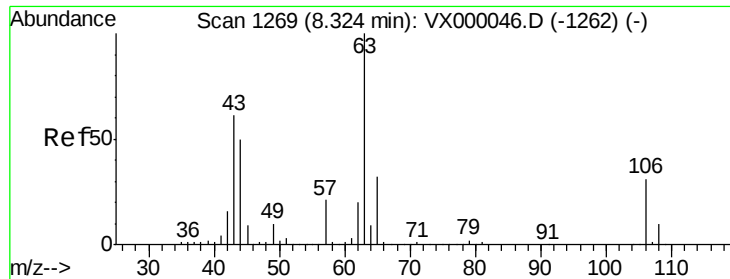
77 89.3 25.1 37.7#

39 75.7 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0

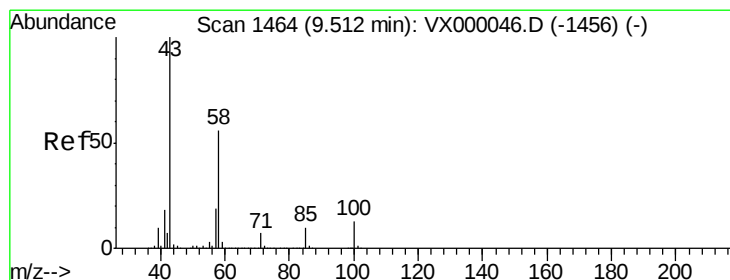
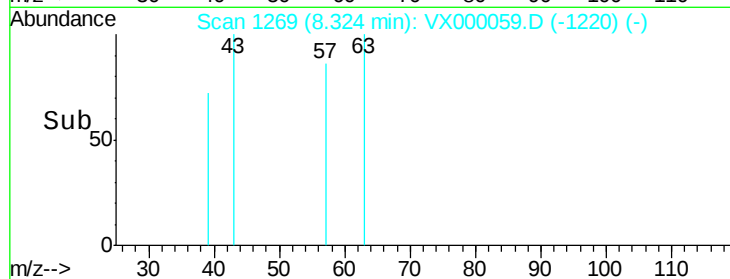
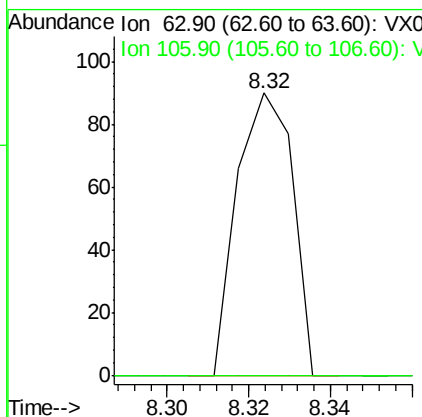
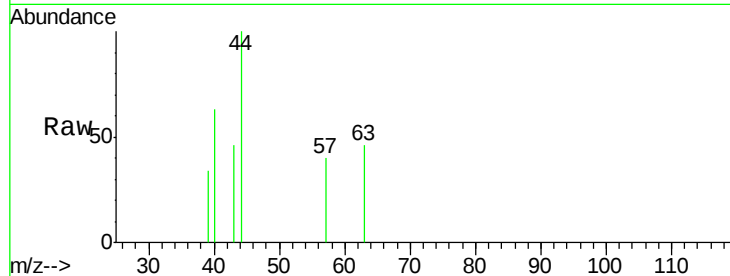




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.06 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

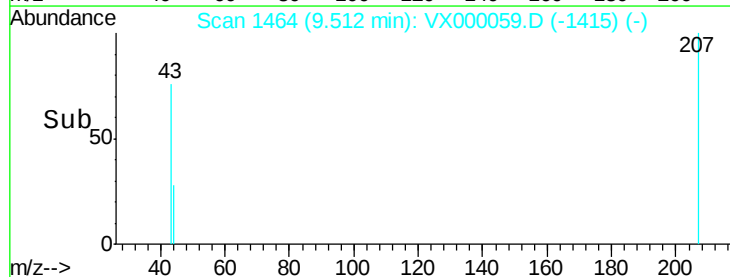
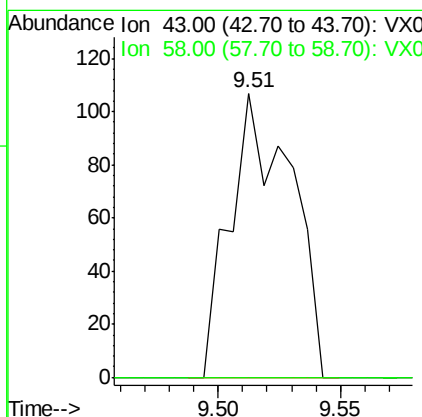
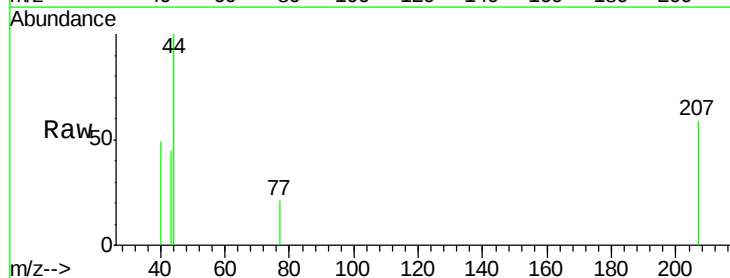
Instrument :
 ClientSampleId :
 VX0212WBL01

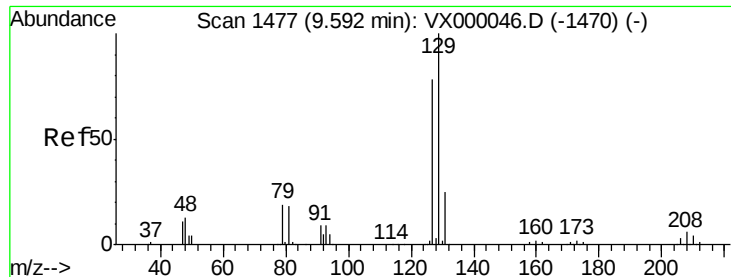
Tot Ion: 63 Resp: 85
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#



#59
 2-Hexanone
 Concen: 0.07 ug/l
 RT: 9.51 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion: 43 Resp: 187
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.6 82.7#





#60

Dibromochloromethane

Concen: 0.01 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.26 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

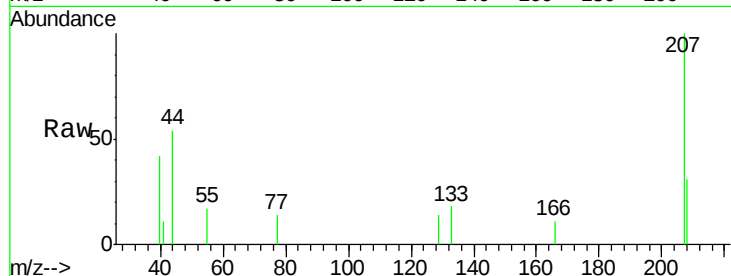
Instrument :
ClientSampled :
VX0212WBL01

Tot Ion:129 Resp: 23

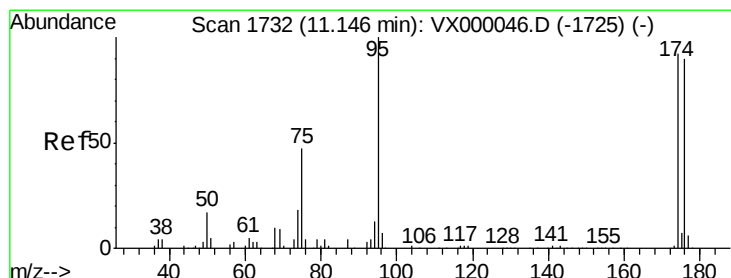
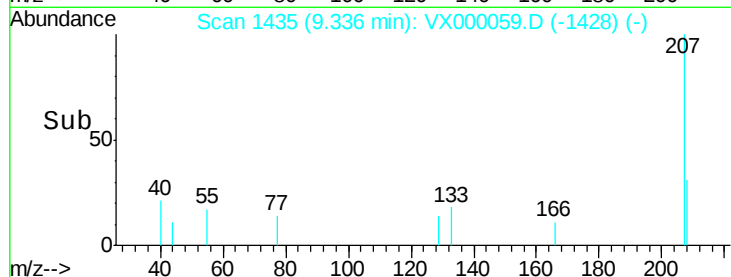
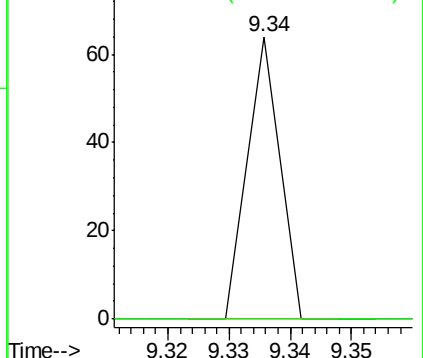
Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.47 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

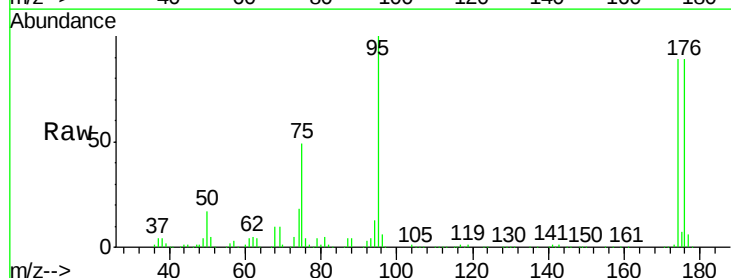
Tgt Ion: 95 Resp: 113069

Ion Ratio Lower Upper

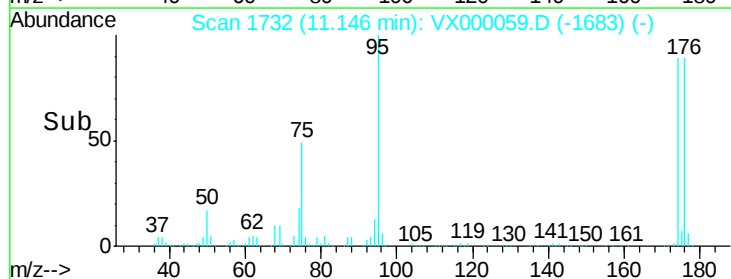
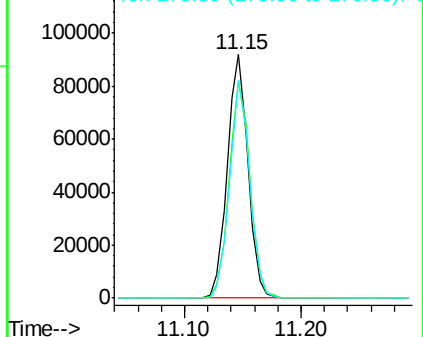
95 100

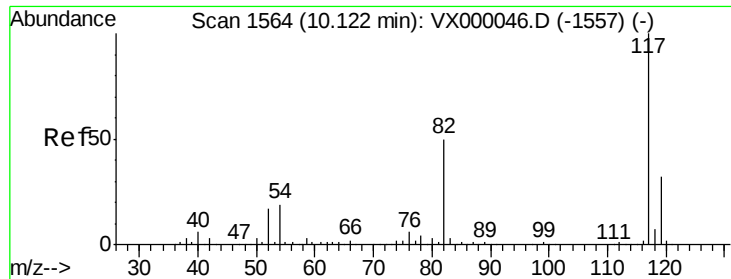
174 90.4 0.0 185.6

176 87.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

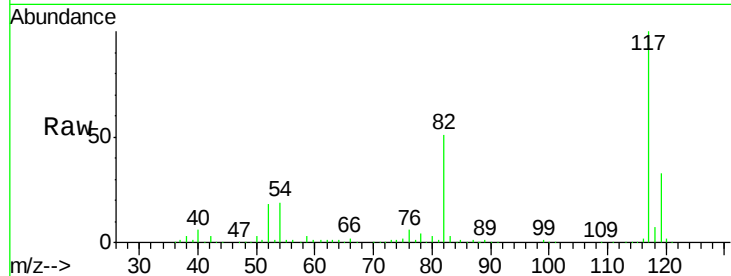




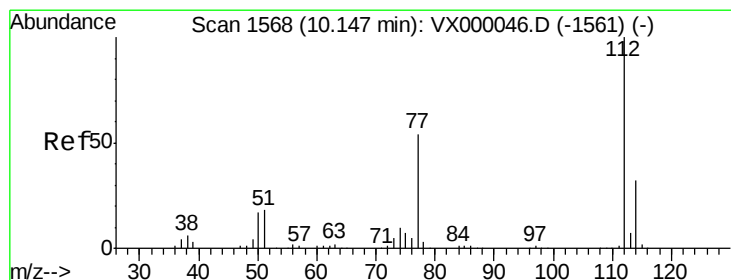
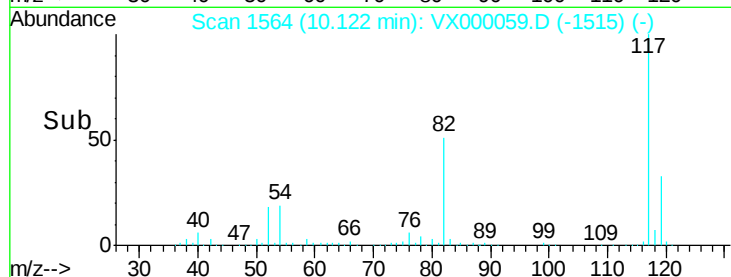
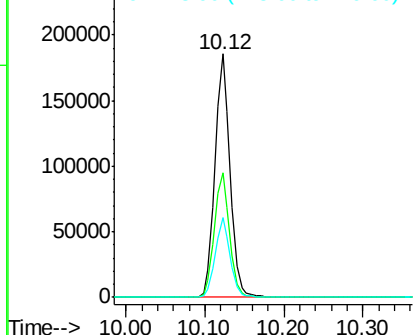
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

Instrument :
ClientSampleId :
VX0212WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.3	60.5
119	32.5	25.3	37.9

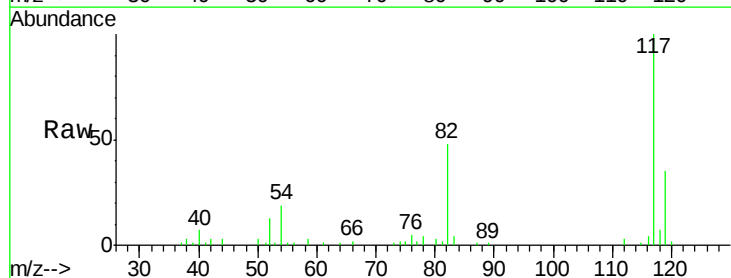


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

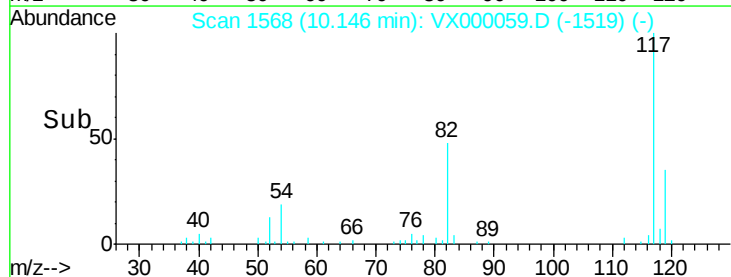
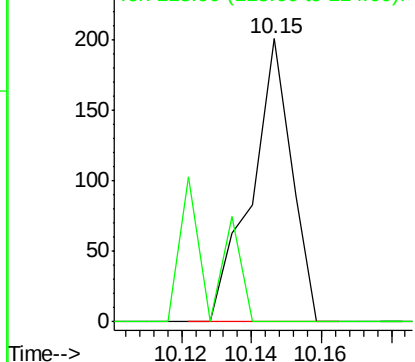


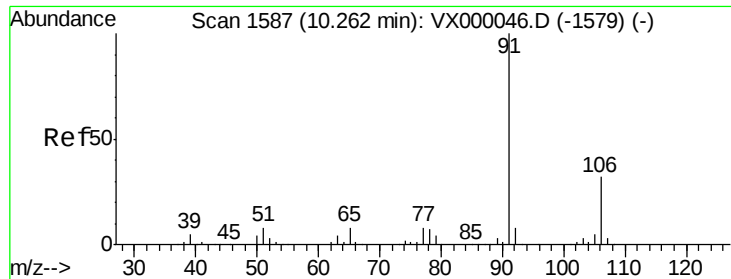
#65
Chlorobenzene
Concen: 0.03 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.6	38.4#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

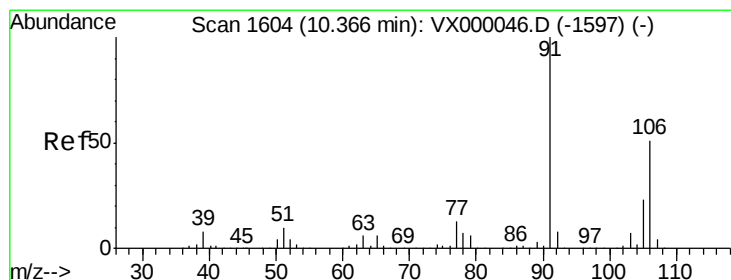
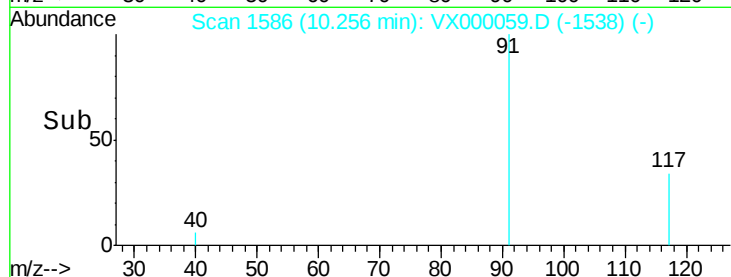
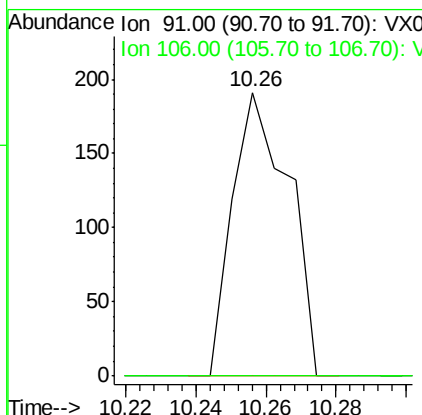
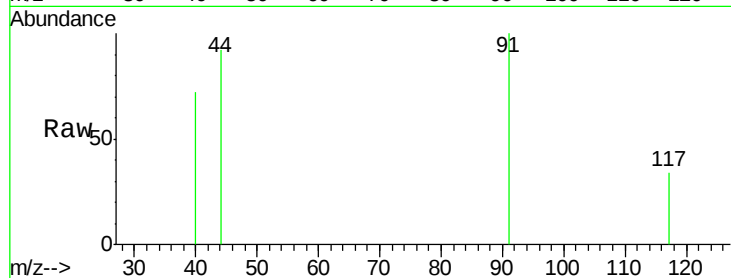




#67
Ethyl Benzene
Concen: 0.02 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

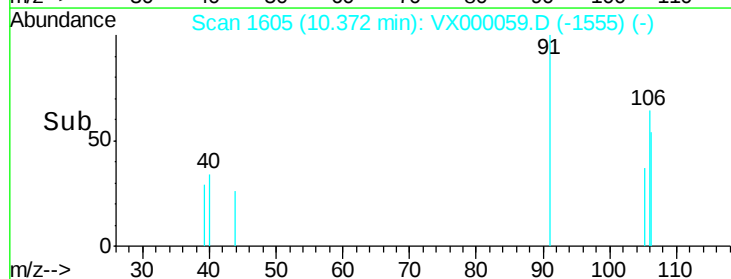
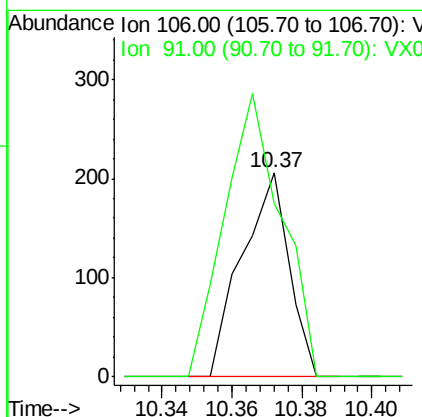
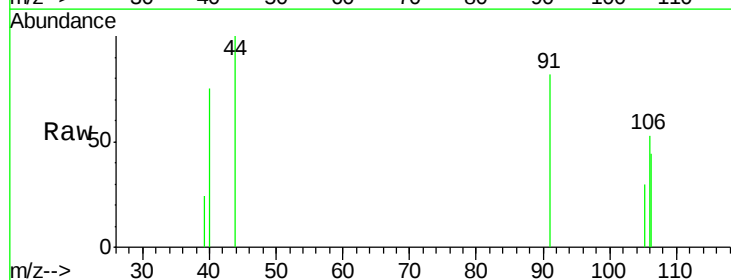
Instrument :
Client Sampled :
VX0212WBL01

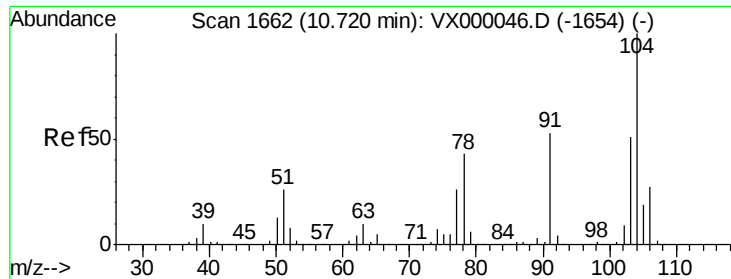
Tot Ion: 91 Resp: 213
Ion Ratio Lower Upper
91 100
106 0.0 25.9 38.9#



#68
m/p-Xylenes
Concen: 0.06 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

Tgt Ion: 106 Resp: 192
Ion Ratio Lower Upper
106 100
91 168.8 158.3 237.5

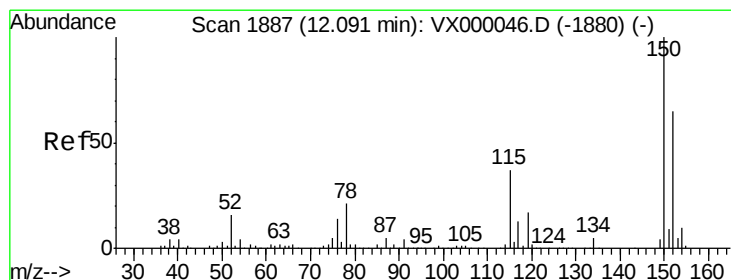
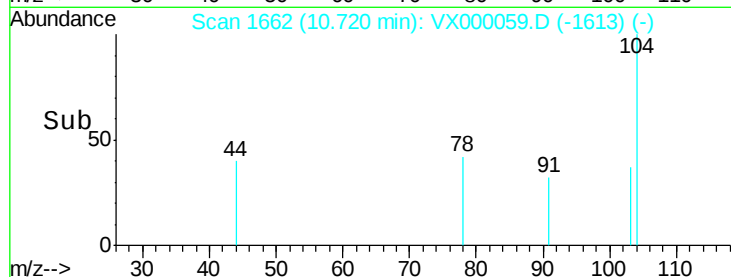
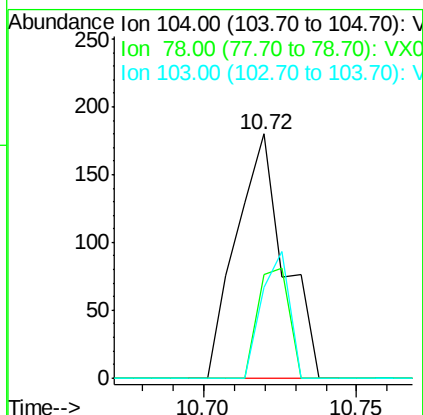
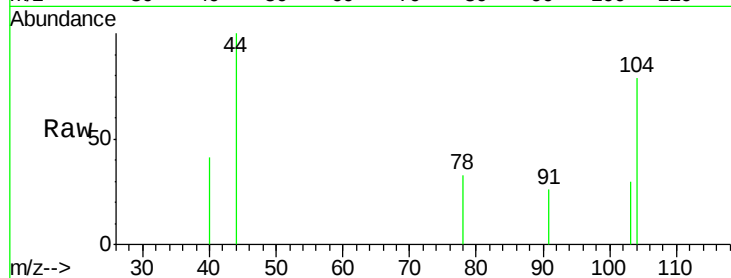




#70
Stvrene
Concen: 0.04 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

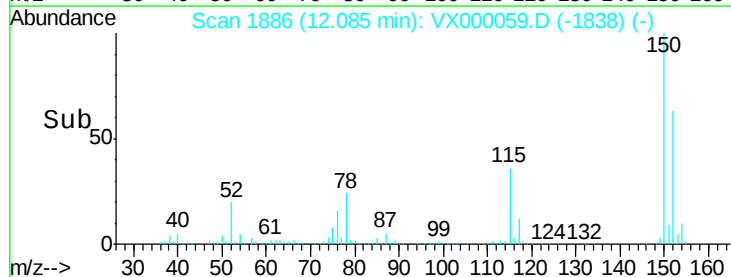
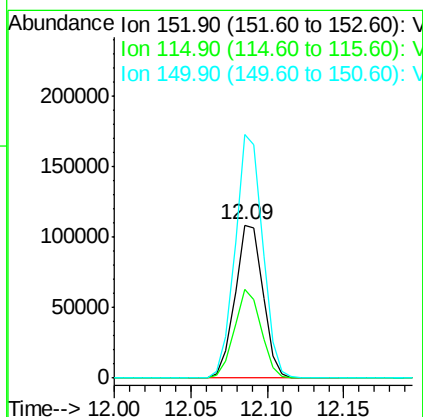
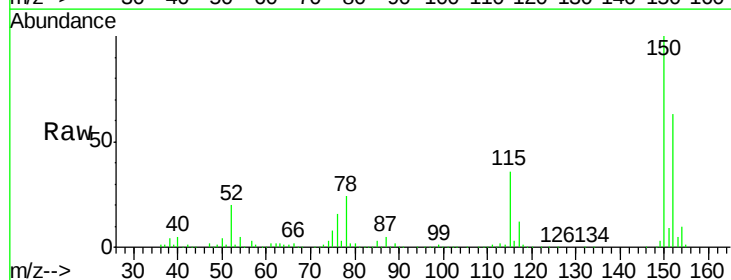
Instrument :
ClientSampleId :
VX0212WBL01

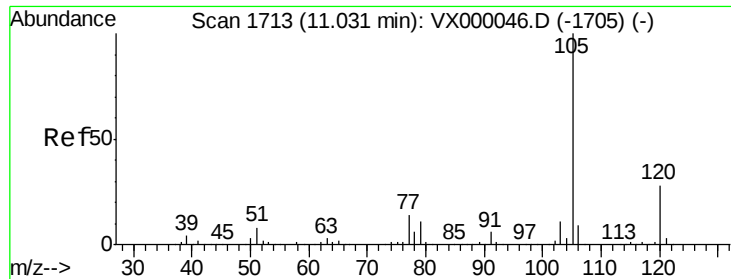
Tot Ion:104 Resp: 195
Ion Ratio Lower Upper
104 100
78 29.2 37.7 56.5#
103 30.3 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000059.D
Acq: 12 Feb 2018 10:50

Tgt Ion:152 Resp: 137560
Ion Ratio Lower Upper
152 100
115 55.5 39.3 117.8
150 156.3 0.0 349.2





#73

Isopropylbenzene

Concen: 0.03 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampleId :

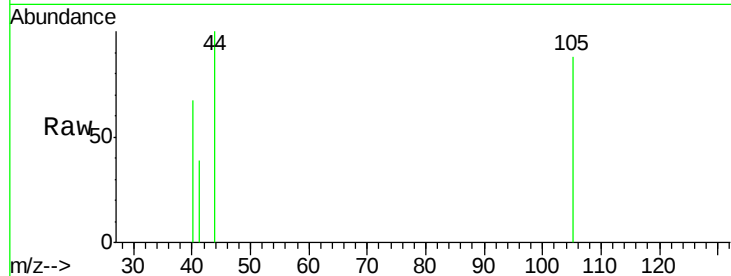
VX0212WBL01

Tot Ion:105 Resp: 221

Ion Ratio Lower Upper

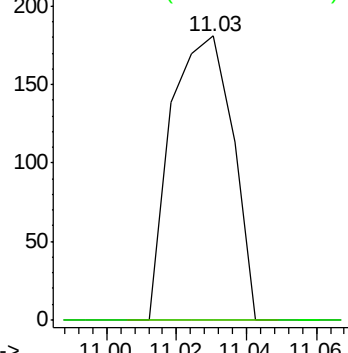
105 100

120 0.0 13.8 41.3#

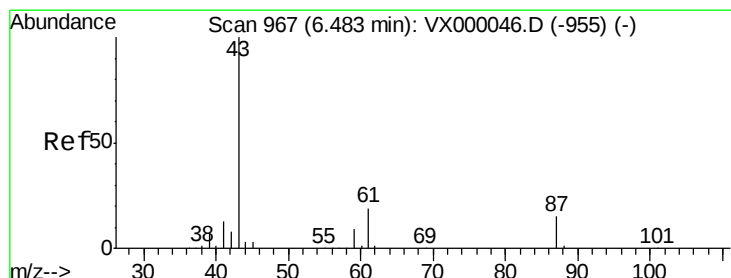
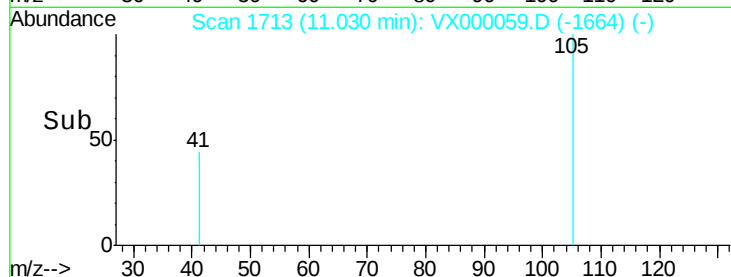


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 0.00 ug/l

RT: 6.64 min Scan# 993

Delta R.T. 0.16 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Tgt Ion: 43 Resp: 19

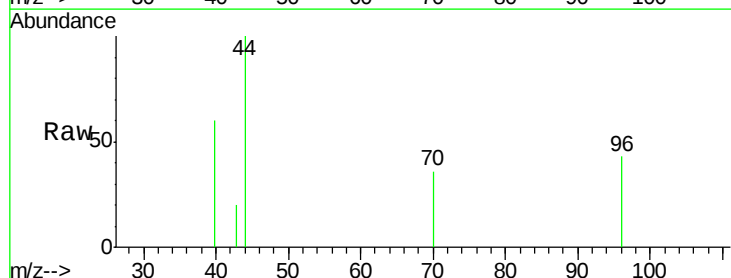
Ion Ratio Lower Upper

43 100

70 326.3 0.0 0.0#

55 0.0 0.1 0.1#

61 0.0 15.9 23.9#

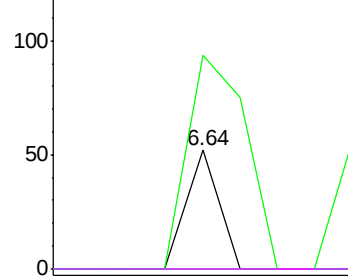


Abundance Ion 43.00 (42.70 to 43.70): VX0

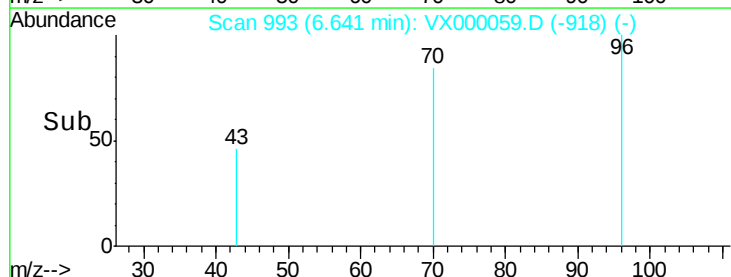
Ion 70.00 (69.70 to 70.70): VX0

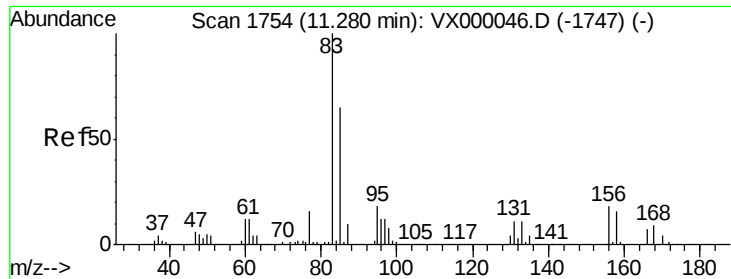
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.13 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampleId :

VX0212WBL01

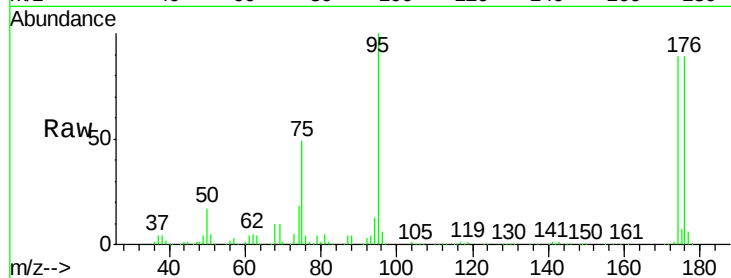
Tot Ion: 83 Resp: 191

Ion Ratio Lower Upper

83 100

131 87.4 5.5 16.7#

85 0.0 32.6 97.7#



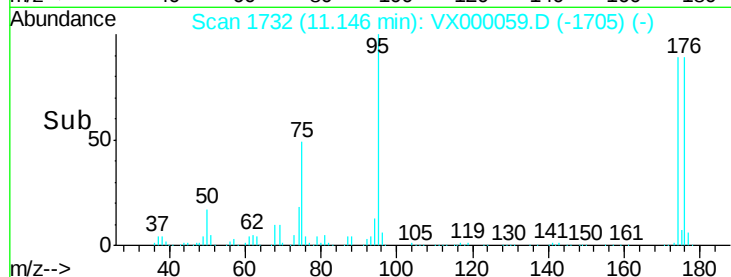
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

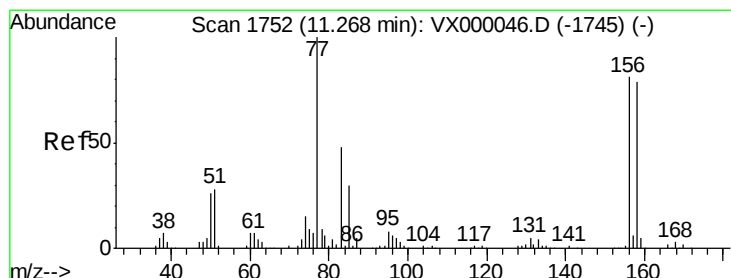
Ion 84.90 (84.60 to 85.60): VX0

11.15

11.12 11.14 11.16



Time-->



#77

Bromobenzene

Concen: 0.01 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

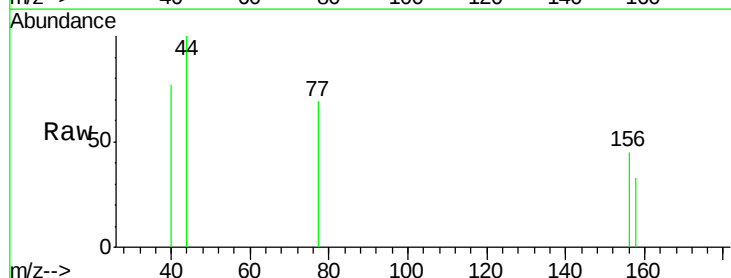
Tgt Ion: 156 Resp: 29

Ion Ratio Lower Upper

156 100

77 451.7 66.2 198.6#

158 72.4 48.6 145.9



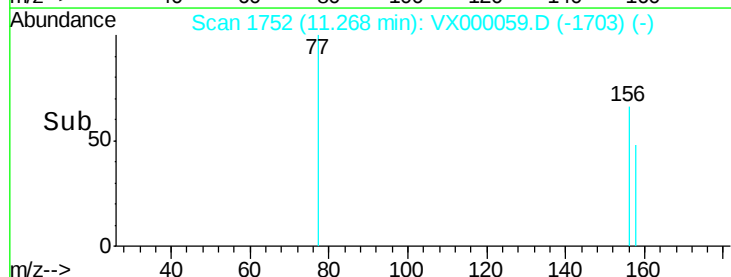
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

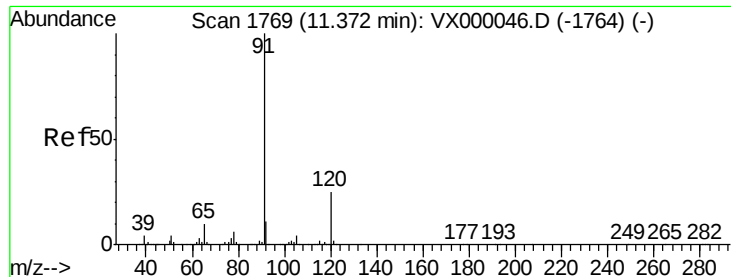
Ion 157.80 (157.50 to 158.50): V

11.27

11.26 11.28



Time-->



#78

n-propylbenzene

Concen: 0.04 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampled :

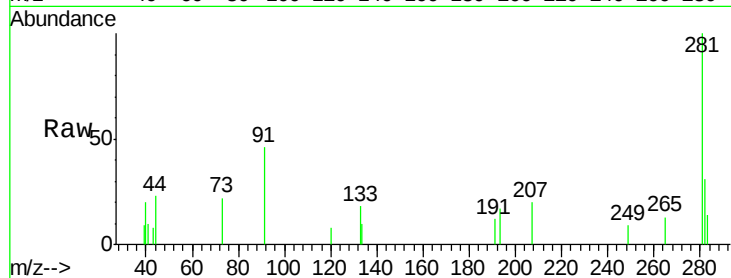
VX0212WBL01

Tot Ion: 91 Resp: 377

Ion Ratio Lower Upper

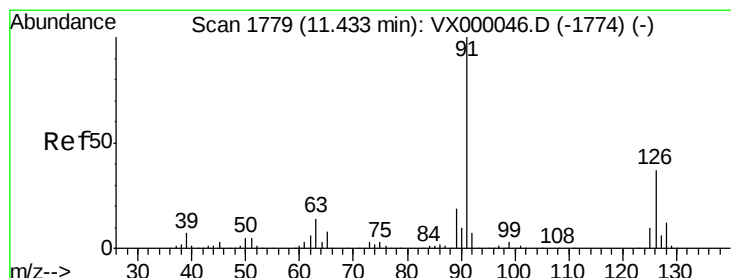
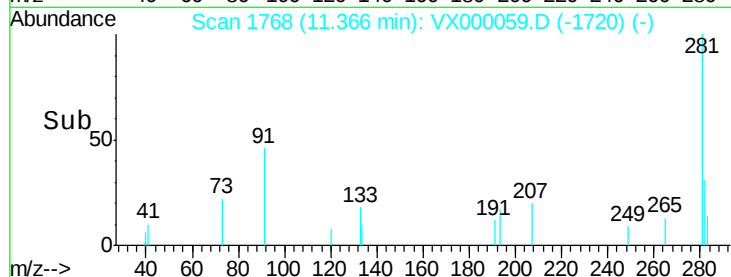
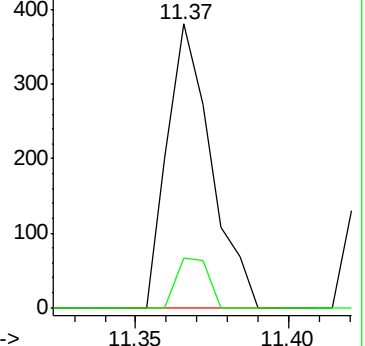
91 100

120 12.7 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.06 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.09 min

Lab File: VX000059.D

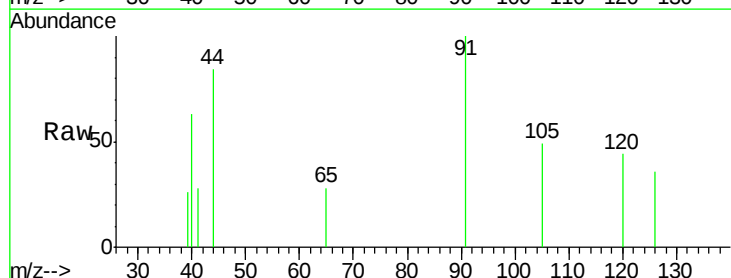
Acq: 12 Feb 2018 10:50

Tgt Ion: 91 Resp: 378

Ion Ratio Lower Upper

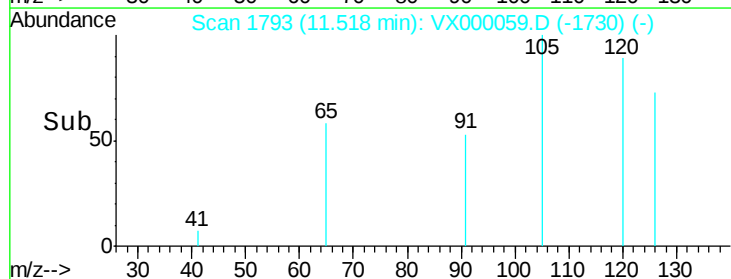
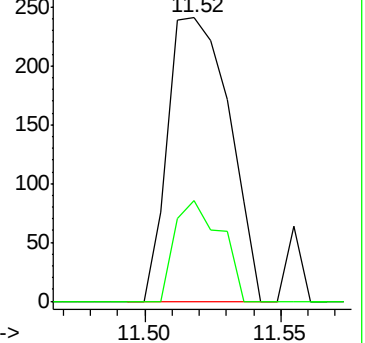
91 100

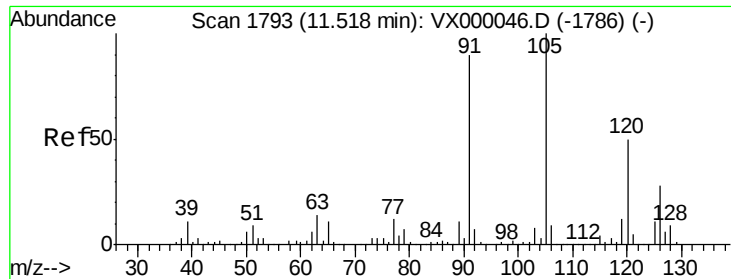
126 26.7 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

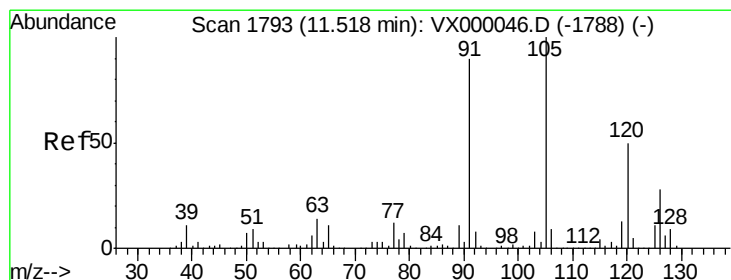
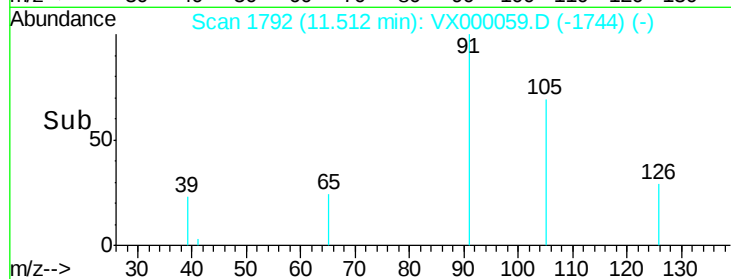
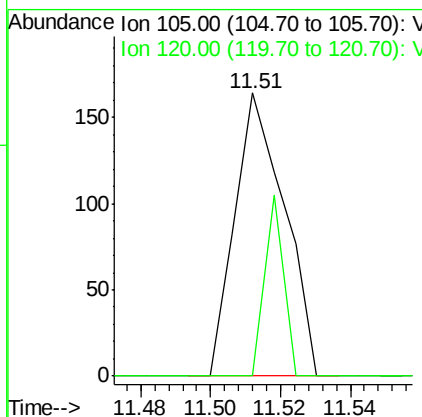
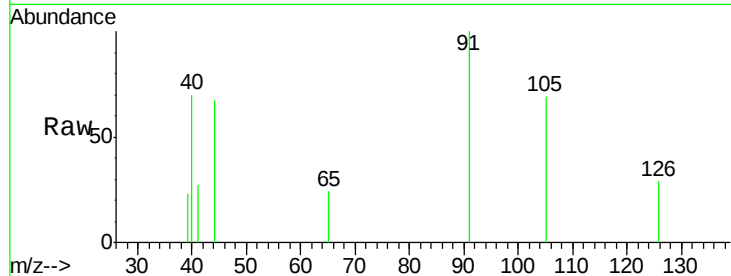




#80
 1,3,5-Trimethylbenzene
 Concen: 0.02 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

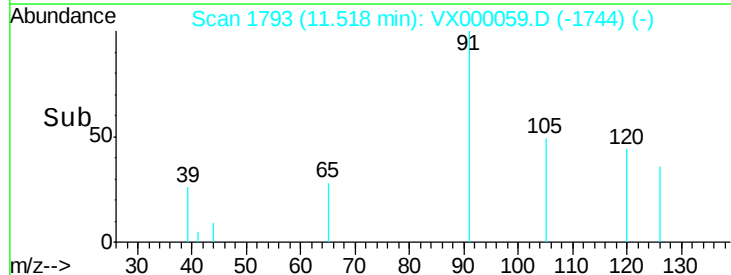
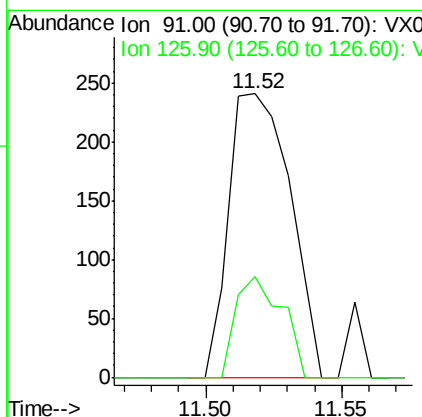
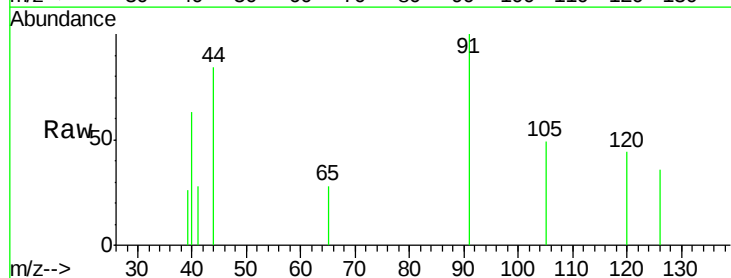
Instrument :
 ClientSampled :
 VX0212WBL01

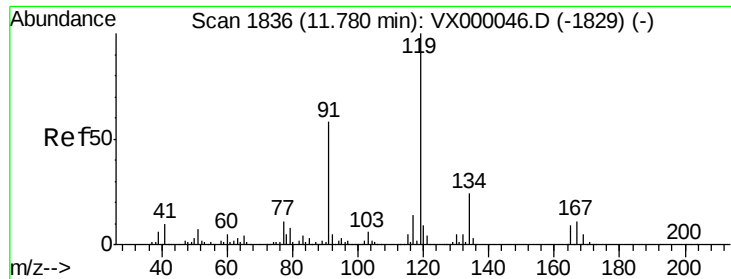
Tot Ion: 105 Resp: 161
 Ion Ratio Lower Upper
 105 100
 120 23.6 24.8 74.3#



#82
 4-Chlorotoluene
 Concen: 0.05 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion: 91 Resp: 378
 Ion Ratio Lower Upper
 91 100
 126 26.7 16.3 48.8

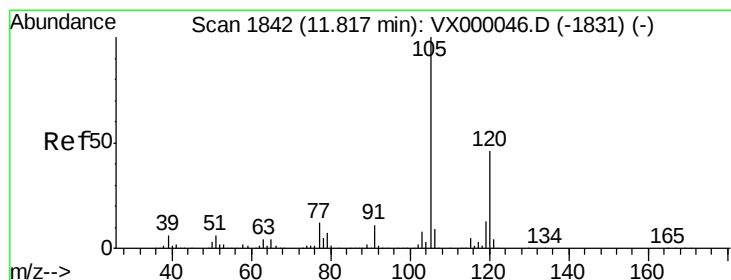
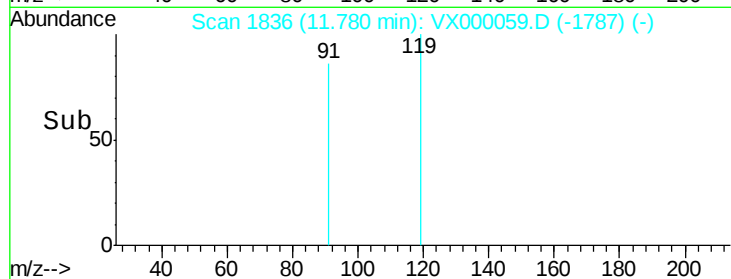
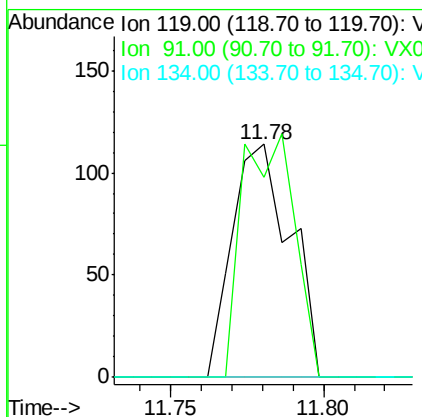
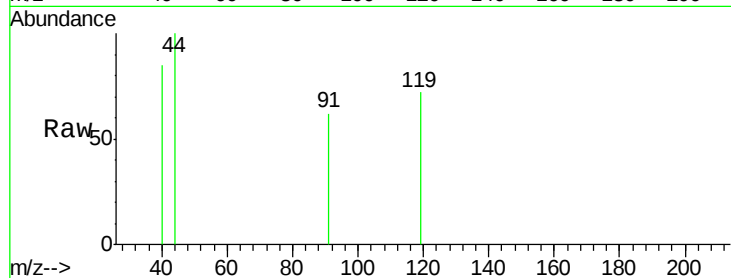




#83
 tert-Butylbenzene
 Concen: 0.02 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

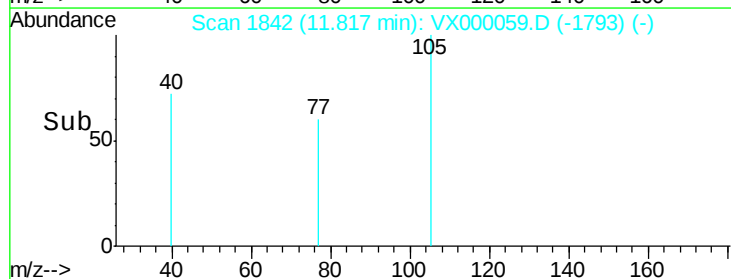
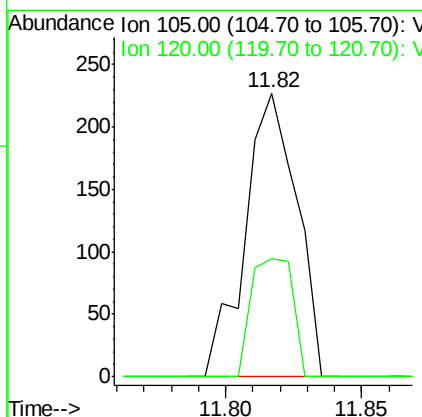
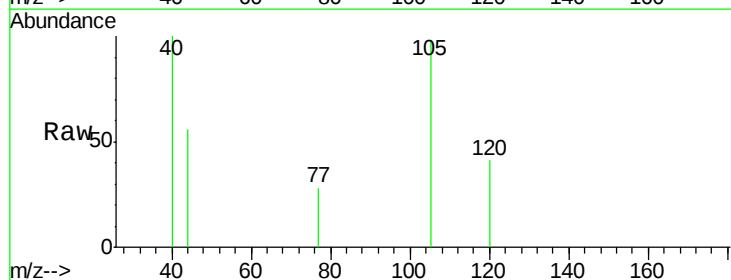
Instrument :
 ClientSampled :
 VX0212WBL01

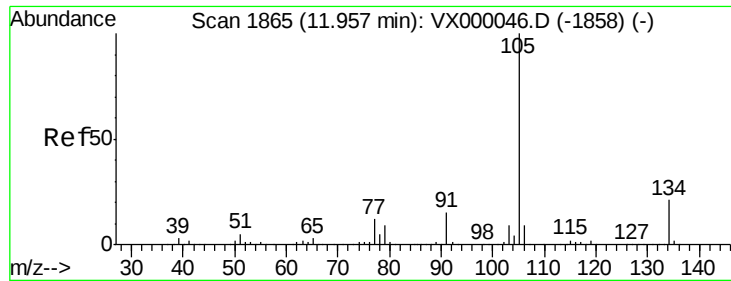
Tot Ion	Ratio	Lower	Upper
119	100		
91	94.0	27.9	83.7#
134	0.0	11.7	35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.8	23.4	70.2

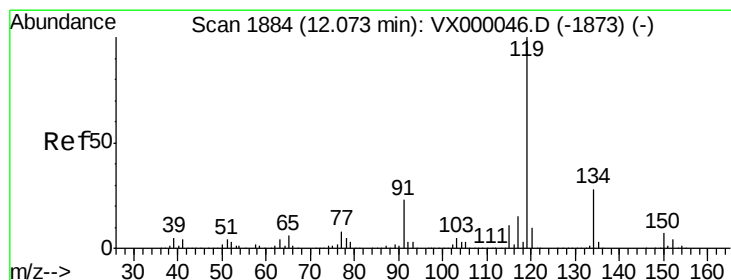
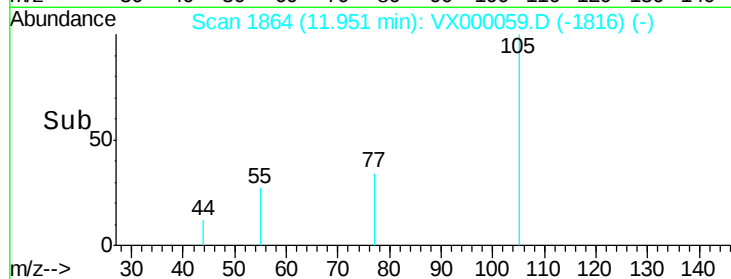
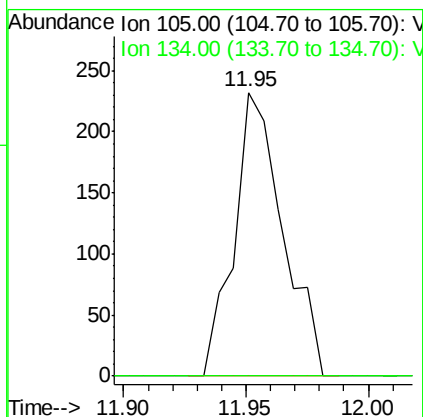
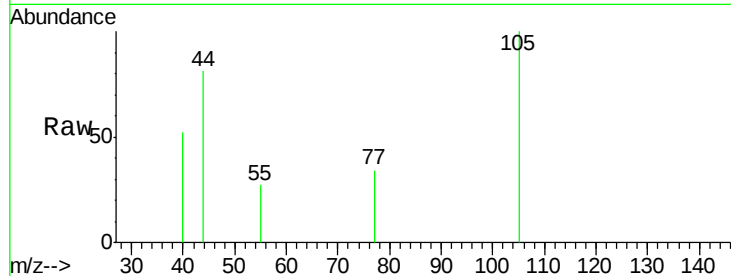




#85
 sec-Butylbenzene
 Concen: 0.04 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

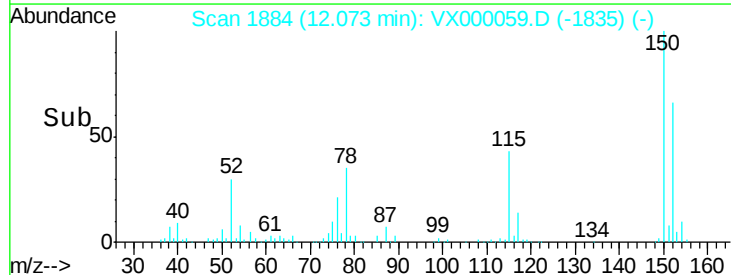
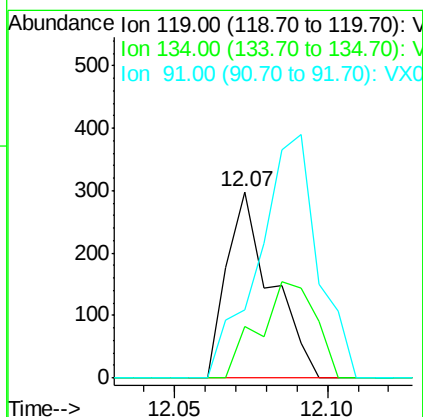
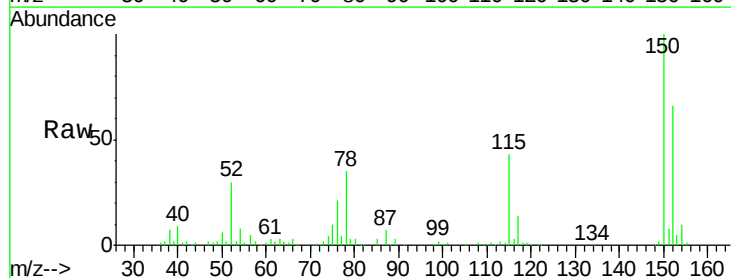
Instrument :
 ClientSampled :
 VX0212WBL01

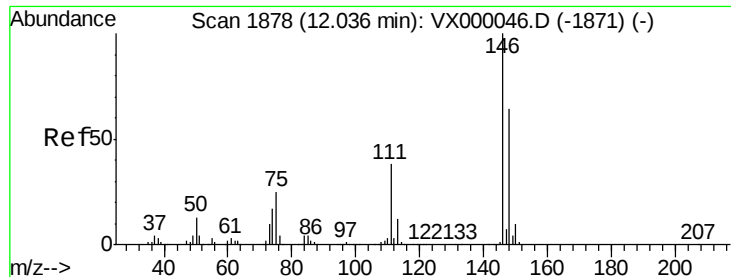
Tot Ion:105 Resp: 322
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.6 31.8#



#86
 p-Isopropyltoluene
 Concen: 0.04 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion:119 Resp: 301
 Ion Ratio Lower Upper
 119 100
 134 65.4 14.0 41.9#
 91 173.8 11.6 34.7#

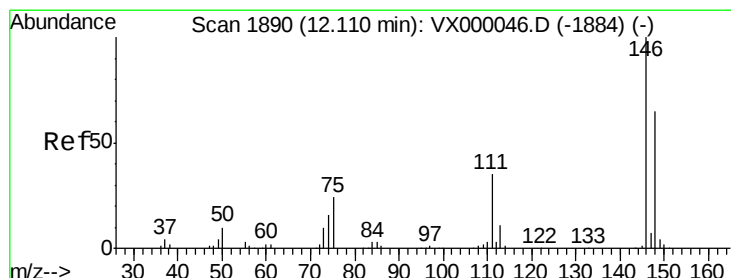
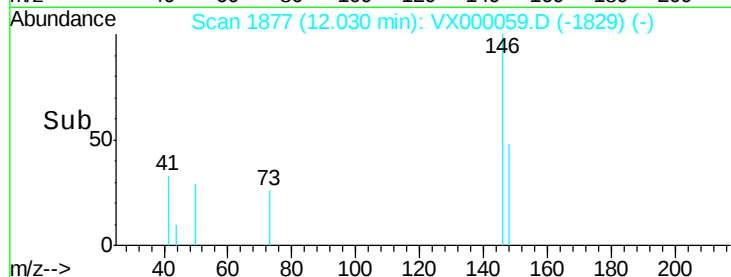
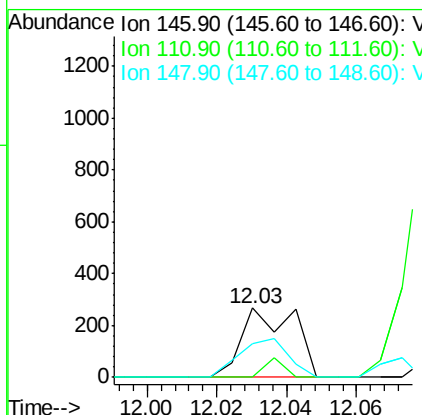
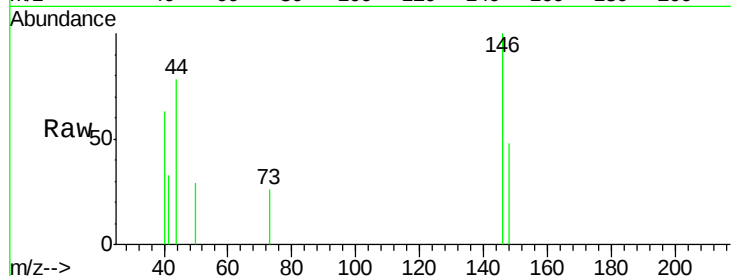




#87
 1,3-Dichlorobenzene
 Concen: 0.06 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

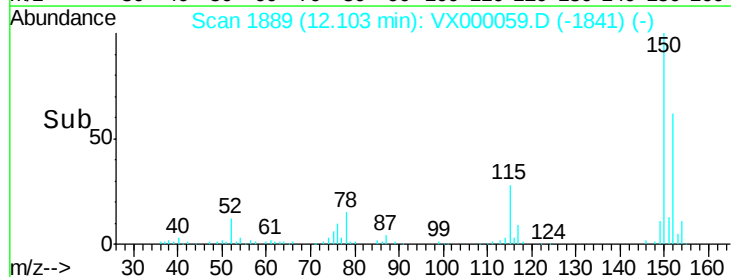
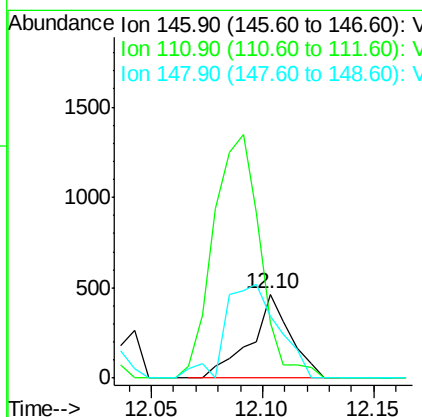
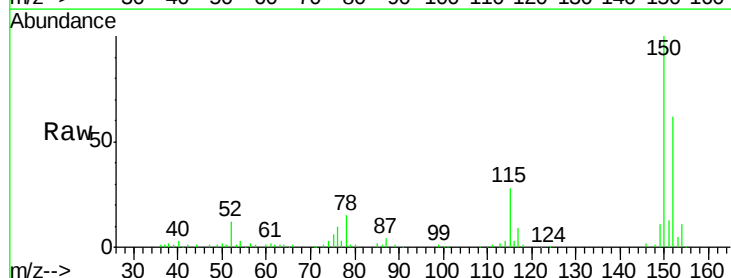
Instrument :
 ClientSampled :
 VX0212WBL01

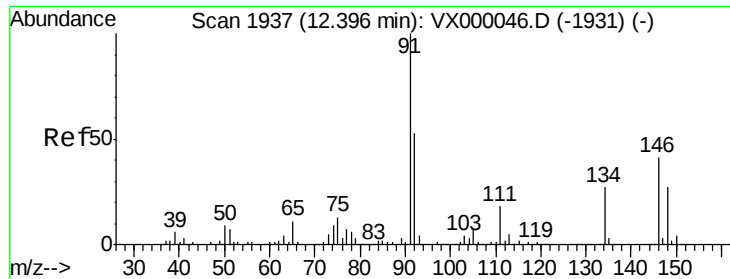
Tot Ion:146 Resp: 279
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.9#
 148 52.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 0.13 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion:146 Resp: 576
 Ion Ratio Lower Upper
 146 100
 111 341.8 18.7 56.1#
 148 148.3 32.1 96.5#





#89

n-Butylbenzene

Concen: 0.06 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Instrument :

ClientSampled :

VX0212WBL01

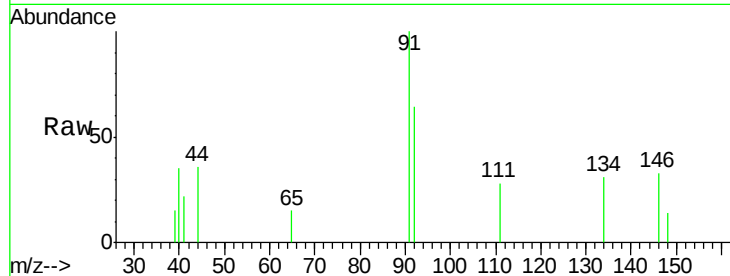
Tot Ion: 91 Resp: 421

Ion Ratio Lower Upper

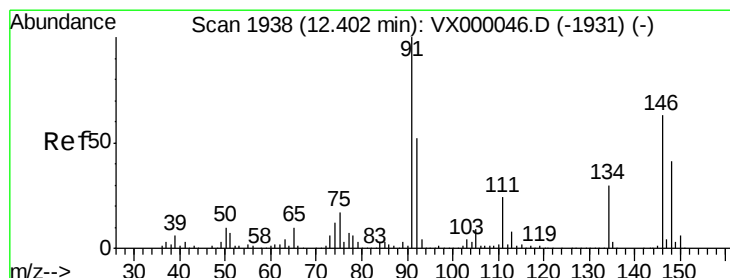
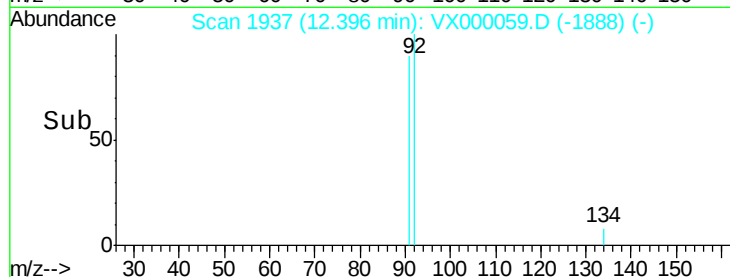
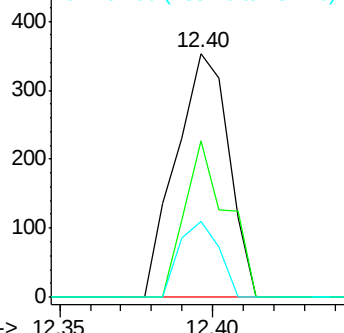
91 100

92 51.1 26.1 78.2

134 23.3 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.02 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

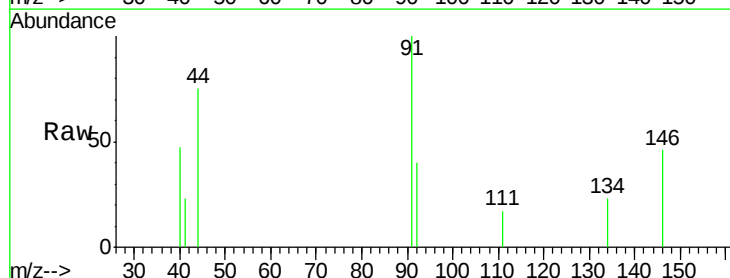
Tgt Ion: 146 Resp: 97

Ion Ratio Lower Upper

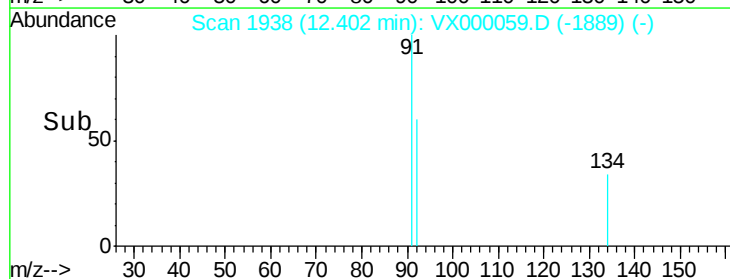
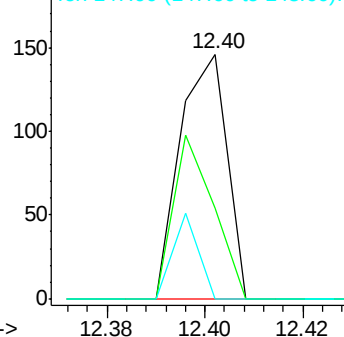
146 100

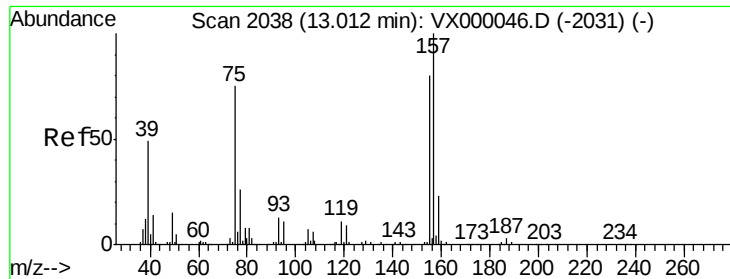
111 57.7 19.4 58.2

148 19.6 32.0 96.2#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

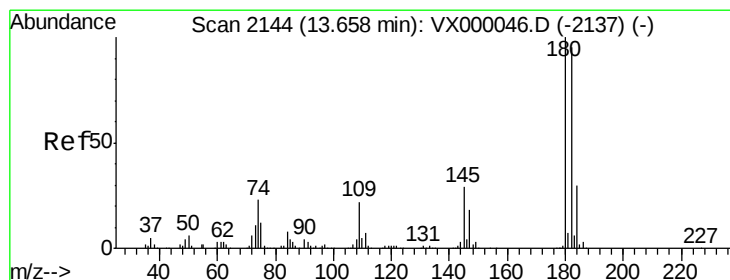
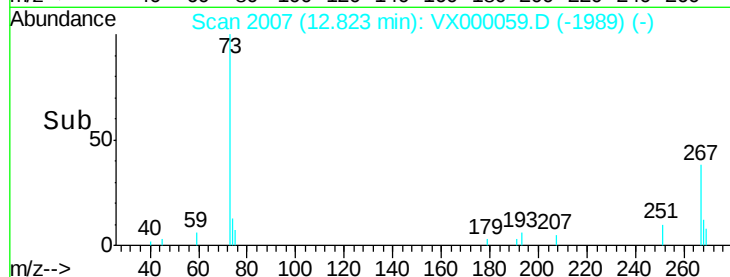
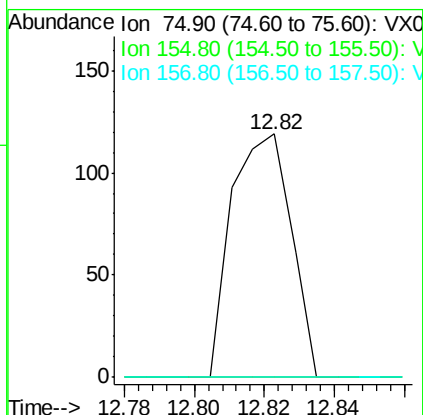
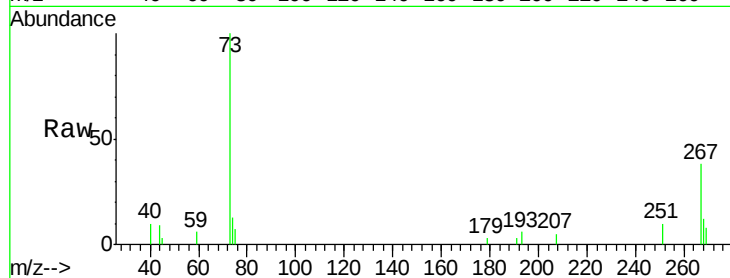




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.17 ug/l
 RT: 12.82 min Scan# 2007
 Delta R.T. -0.19 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

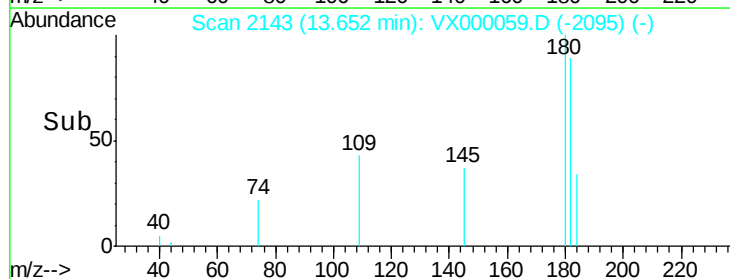
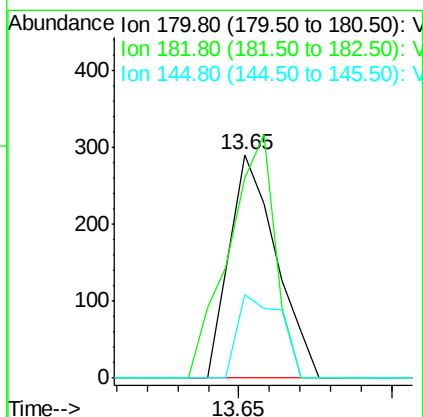
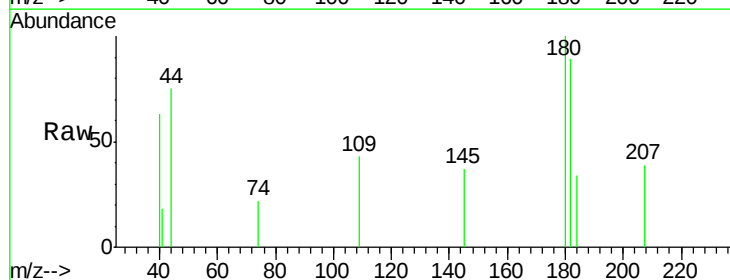
Instrument :
 ClientSampleId :
 VX0212WBL01

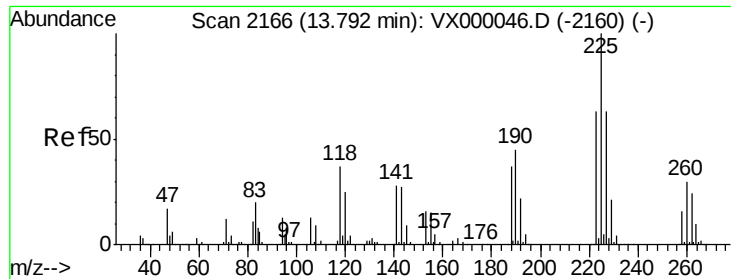
Tot Ion: 75 Resp: 141
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.0 156.0#
 157 0.0 65.3 195.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Tgt Ion: 180 Resp: 309
 Ion Ratio Lower Upper
 180 100
 182 107.1 48.0 144.0
 145 34.0 14.7 44.1





#94

Hexachlorobutadiene

Concen: 0.10 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000059.D

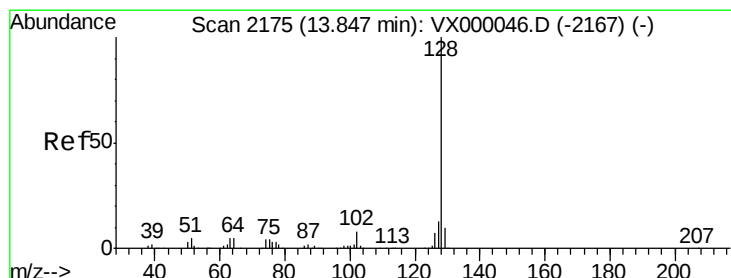
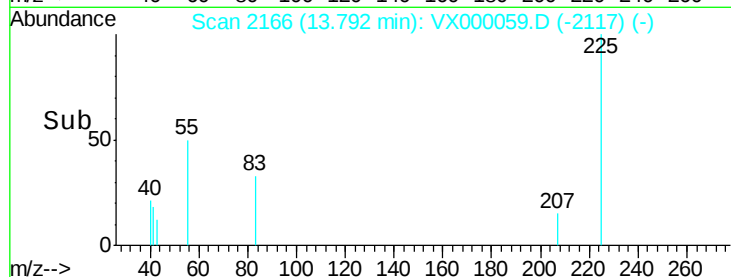
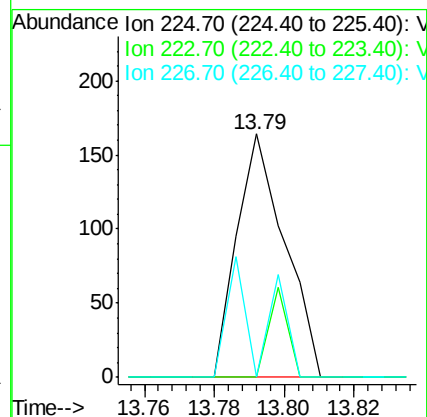
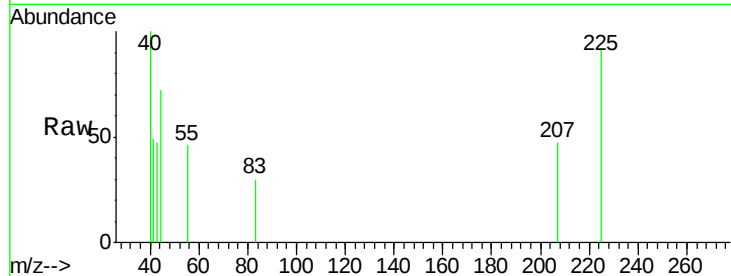
Acq: 12 Feb 2018 10:50

Instrument :

ClientSampleId :

VX0212WBL01

Tot Ion:	225	Resp:	155
Ion	Ratio	Lower	Upper
225	100		
223	14.2	31.9	95.5#
227	35.5	31.6	95.0



#95

Naphthalene

Concen: 0.05 ug/l

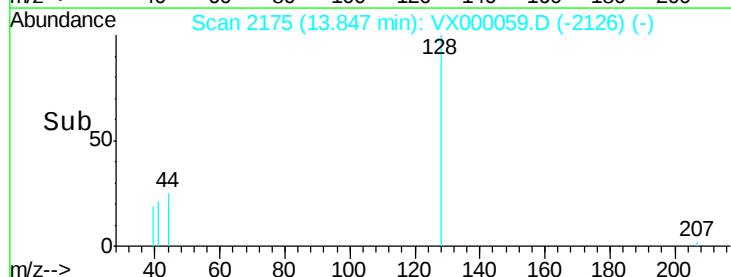
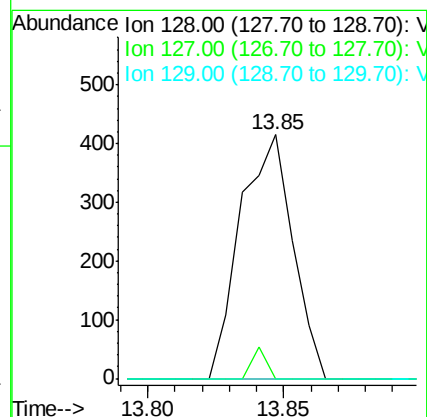
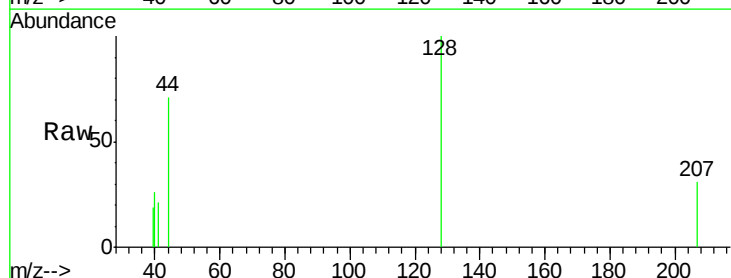
RT: 13.85 min Scan# 2175

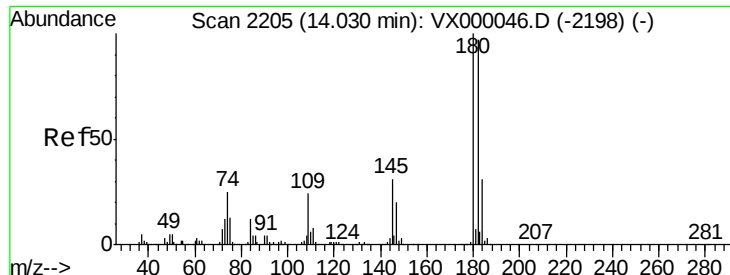
Delta R.T. -0.00 min

Lab File: VX000059.D

Acq: 12 Feb 2018 10:50

Tgt Ion:	128	Resp:	553
Ion	Ratio	Lower	Upper
128	100		
127	3.6	10.3	15.5#
129	0.0	8.6	13.0#

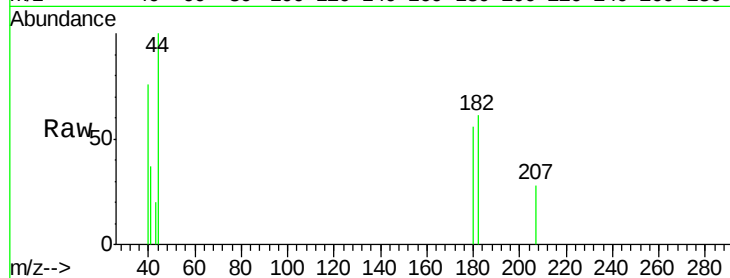




#96
 1,2,3-Trichlorobenzene
 Concen: 0.05 ug/l
 RT: 14.04 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: VX000059.D
 Acq: 12 Feb 2018 10:50

Instrument :
 ClientSampleId :
 VX0212WBL01

Tot Ion	Ratio	Lower	Upper
180	100		
182	144.2	47.9	143.7#
145	30.5	15.7	47.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

