

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000050.D
 Acq On : 09 Feb 2018 18:56
 Operator : JC/MD
 Sample : VX0209WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0209WBL01

Quant Time: Feb 10 00:18:02 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	131214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	196998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104341	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	70872	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.51	113	60913	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
50) Toluene-d8	8.73	98	219002	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.15	95	86370	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	212	0.18	ug/l #	43
3) Chloromethane	1.32	50	123	0.10	ug/l #	58
4) Vinyl Chloride	1.41	62	70	0.05	ug/l #	43
7) Trichlorofluoromethane	1.94	101	366	0.15	ug/l #	75
8) Diethyl Ether	1.96	74	20	0.02	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234	0.17	ug/l #	84
12) 1,1-Dichloroethene	2.39	96	107	0.08	ug/l #	56
14) Allyl chloride	2.72	41	179	0.08	ug/l #	58
18) Methyl Acetate	2.80	43	205	0.10	ug/l #	50
20) Methylene Chloride	2.86	84	123	0.09	ug/l #	85
22) Diisopropyl ether	3.89	45	43	0.01	ug/l #	69
23) Vinyl Acetate	3.84	43	104	0.03	ug/l #	70
24) 1,1-Dichloroethane	3.66	63	19	0.01	ug/l #	83
25) 2-Butanone	4.74	43	168	0.14	ug/l #	46
26) 2,2-Dichloropropane	4.79	77	106	0.05	ug/l #	52
29) Tetrahydrofuran	5.20	42	83	0.10	ug/l #	29
30) Chloroform	5.24	83	25	0.01	ug/l #	18
31) Cyclohexane	5.59	56	312	0.17	ug/l #	50
32) 1,1,1-Trichloroethane	5.67	97	31	0.01	ug/l #	1
37) Ethyl Acetate	4.89	43	87	0.04	ug/l #	67
40) Benzene	6.17	78	215	0.04	ug/l #	51
41) Methacrylonitrile	5.10	41	129	0.10	ug/l #	21
43) Isopropyl Acetate	6.51	43	51	0.01	ug/l #	60
44) Trichloroethene	7.23	130	228	0.14	ug/l	72
47) Bromodichloromethane	7.91	83	48	0.03	ug/l #	24
48) Methyl methacrylate	7.78	41	41	0.02	ug/l #	19
51) 4-Methyl-2-Pentanone	8.67	43	140	0.06	ug/l #	35
52) Toluene	8.79	92	282	0.08	ug/l	76
53) t-1,3-Dichloropropene	8.45	75	176	0.08	ug/l #	36
54) cis-1,3-Dichloropropene	9.06	75	225	0.10	ug/l #	86
55) 1,1,2-Trichloroethane	9.23	97	23	0.02	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.33	63	108	0.10	ug/l #	44
59) 2-Hexanone	9.52	43	240	0.12	ug/l #	24
61) 1,2-Dibromoethane	9.68	107	94	0.06	ug/l #	58

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

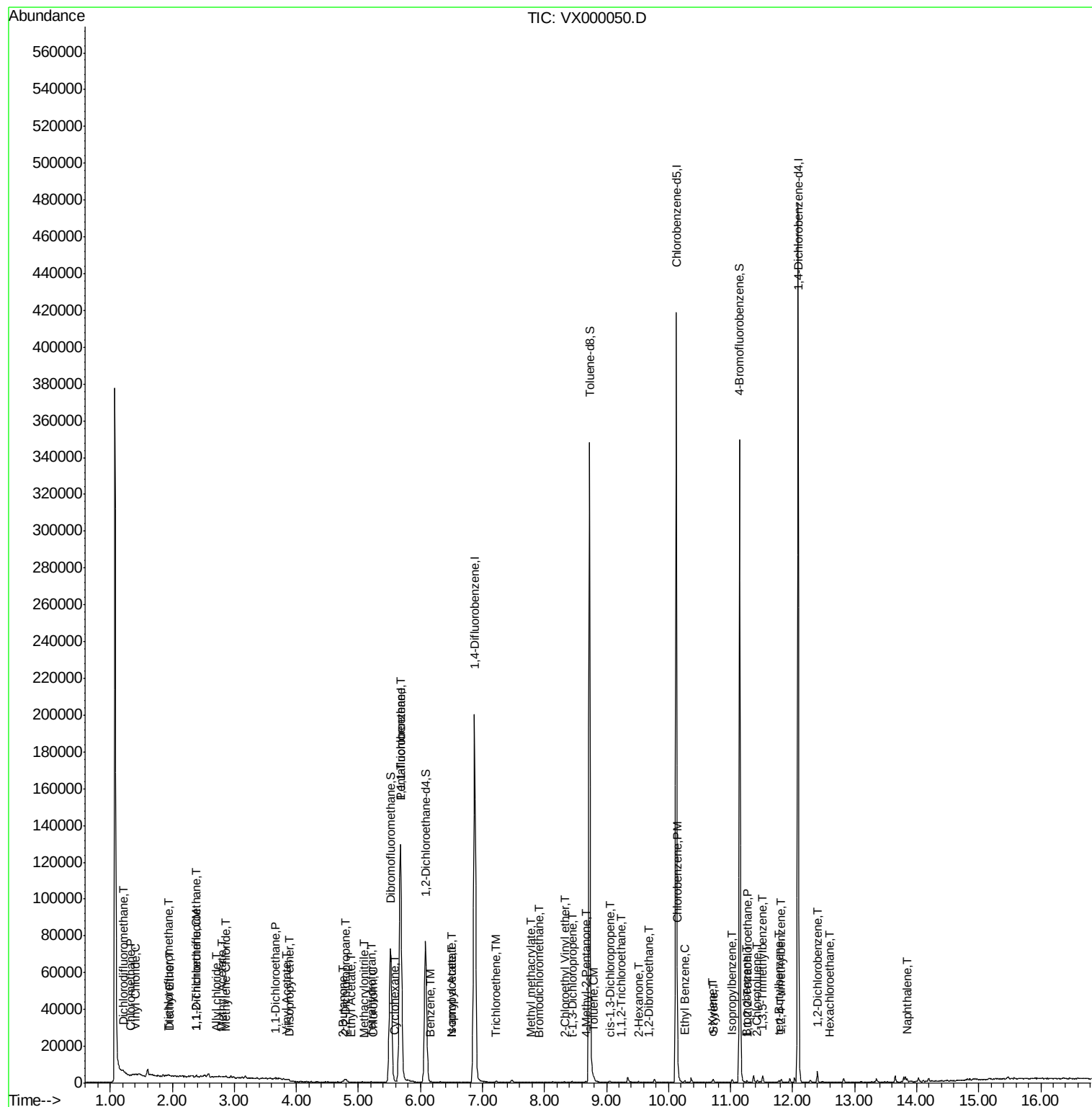
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.15	112	508	0.12	ug/l	97
67) Ethyl Benzene	10.26	91	842	0.12	ug/l #	83
69) o-Xylene	10.70	106	257	0.10	ug/l	80
70) Styrene	10.72	104	493	0.11	ug/l #	88
73) Isopropylbenzene	11.02	105	890	0.13	ug/l	90
74) N-amyl acetate	6.51	43	51	0.02	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.28	83	26	0.01	ug/l #	25
77) Bromobenzene	11.27	156	238	0.13	ug/l	81
79) 2-Chlorotoluene	11.43	91	819	0.18	ug/l	87
80) 1,3,5-Trimethylbenzene	11.52	105	1003	0.18	ug/l	95
83) tert-Butylbenzene	11.78	119	624	0.11	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.81	105	1041	0.18	ug/l	94
90) Hexachloroethane	12.61	117	50	0.05	ug/l #	6
91) 1,2-Dichlorobenzene	12.40	146	500	0.15	ug/l	90
95) Naphthalene	13.84	128	1062	0.13	ug/l	98

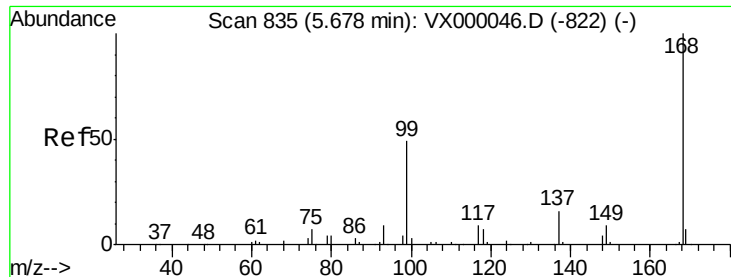
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000050.D

Acq: 09 Feb 2018 18:56

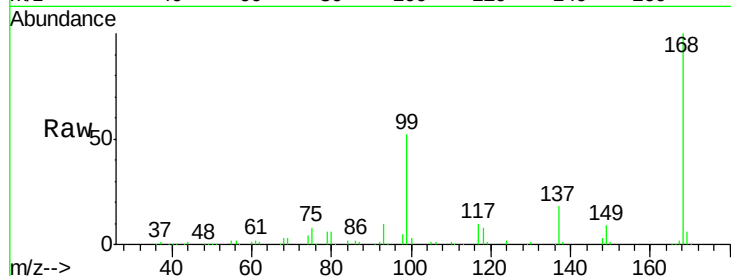
Instrument :
ClientSampleId :
VX0209WBL01

Tgt Ion: 168 Resp: 131214

Ion Ratio Lower Upper

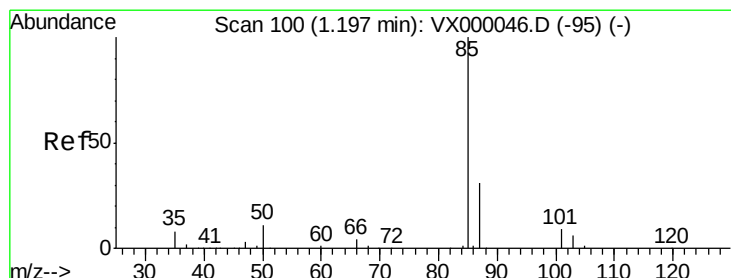
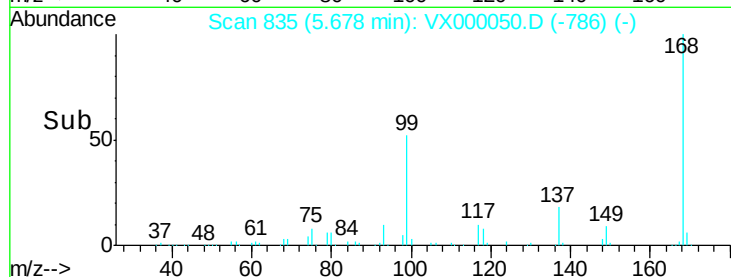
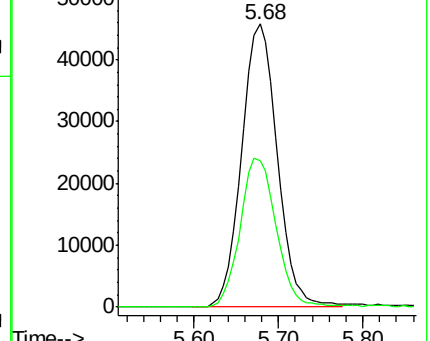
168 100

99 51.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.18 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.01 min

Lab File: VX000050.D

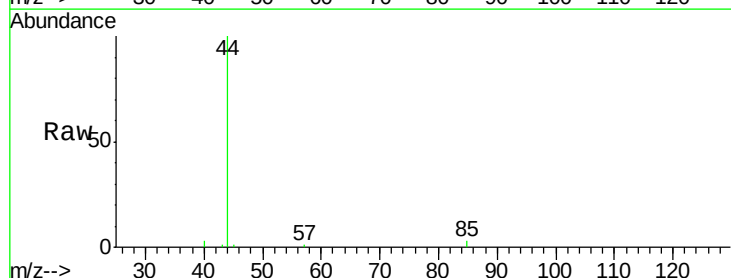
Acq: 09 Feb 2018 18:56

Tgt Ion: 85 Resp: 212

Ion Ratio Lower Upper

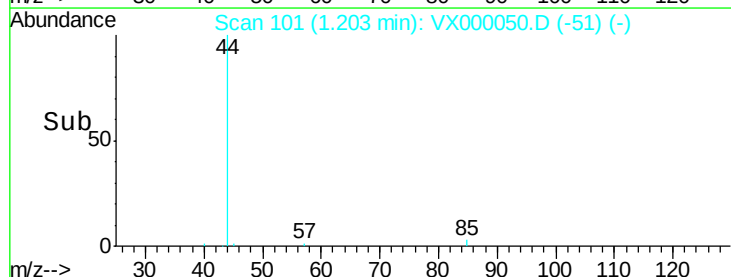
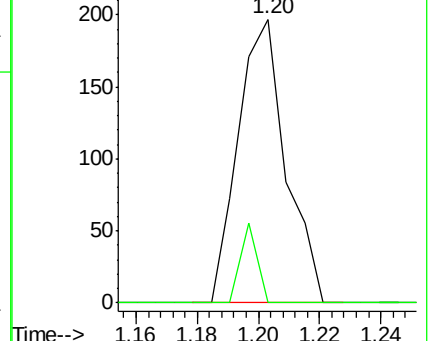
85 100

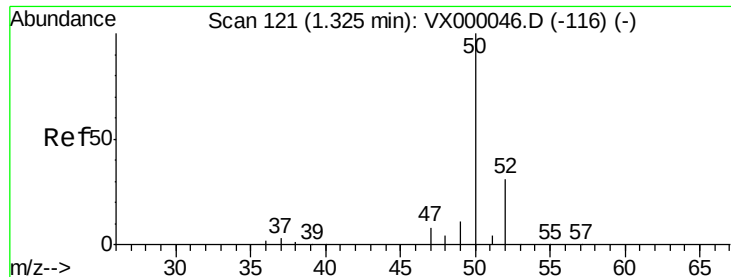
87 0.0 15.7 47.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.10 ug/l

RT: 1.32 min Scan# 121

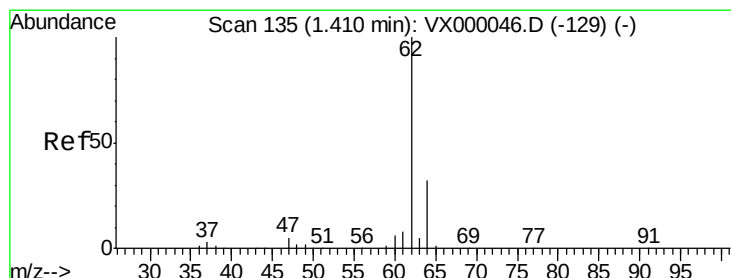
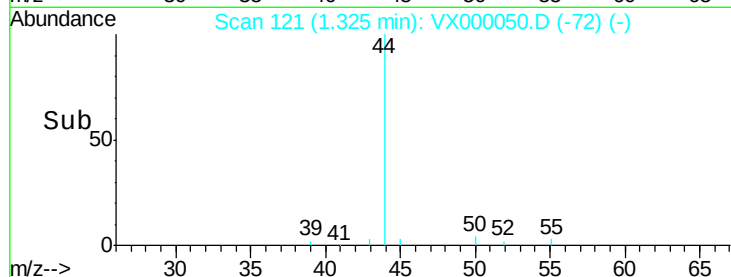
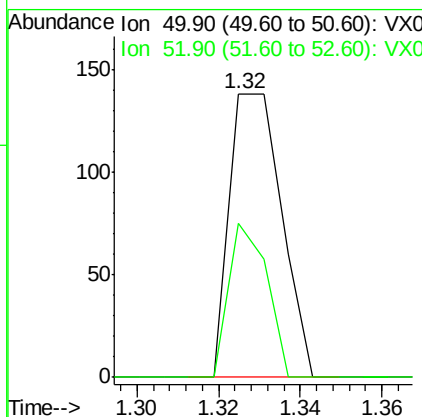
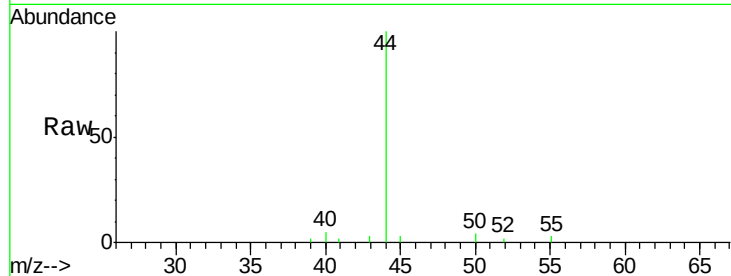
Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion: 50 Resp: 123
Ion Ratio Lower Upper
50 100
52 54.3 25.0 37.6#



#4

Vinyl Chloride

Concen: 0.05 ug/l

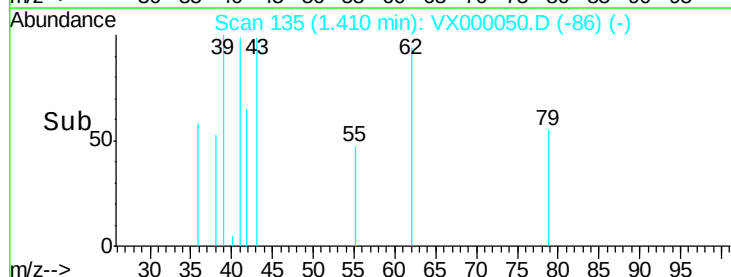
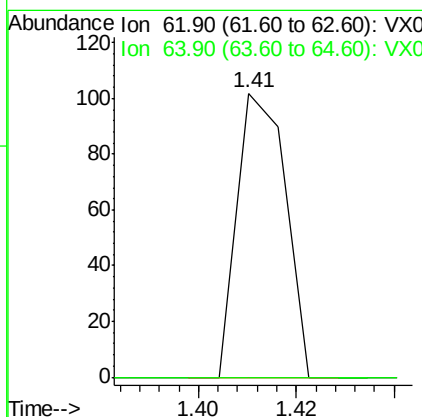
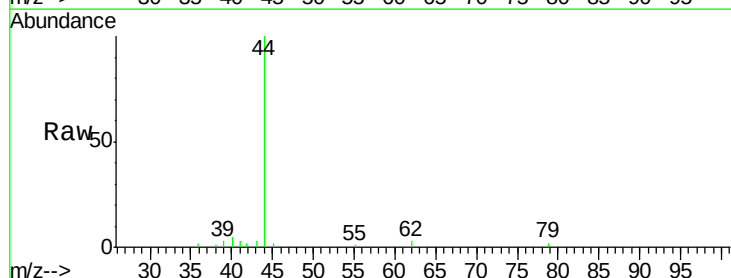
RT: 1.41 min Scan# 135

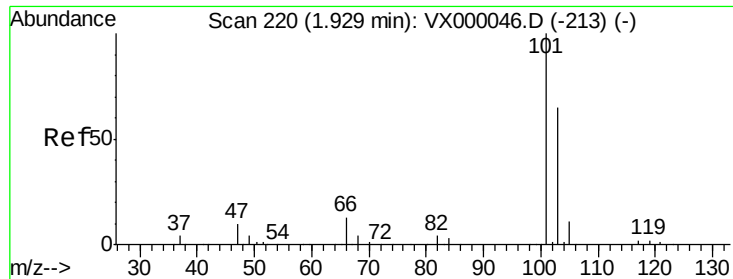
Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Tgt Ion: 62 Resp: 70
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#



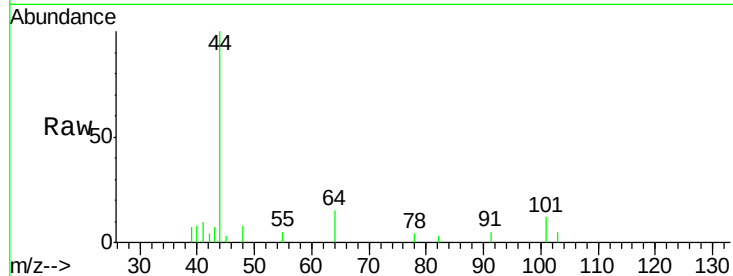


#7

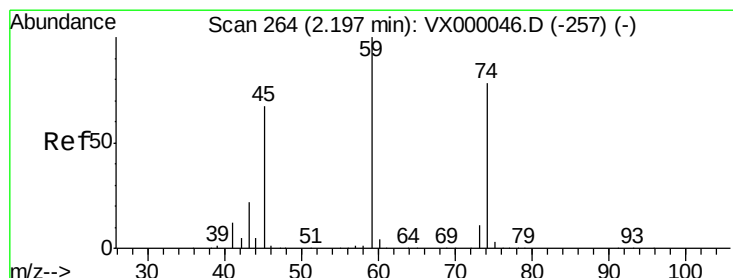
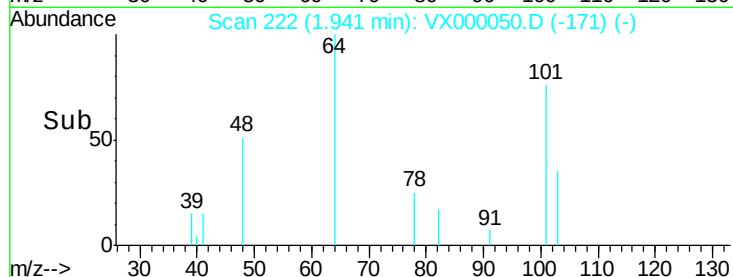
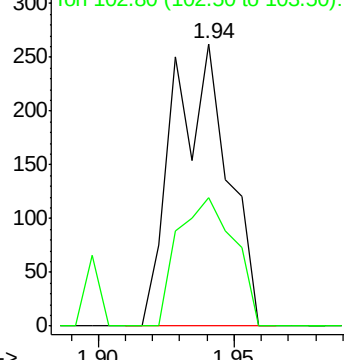
Trichlorofluoromethane
Concen: 0.15 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion: 101 Resp: 366
Ion Ratio Lower Upper
101 100
103 45.6 52.3 78.5#



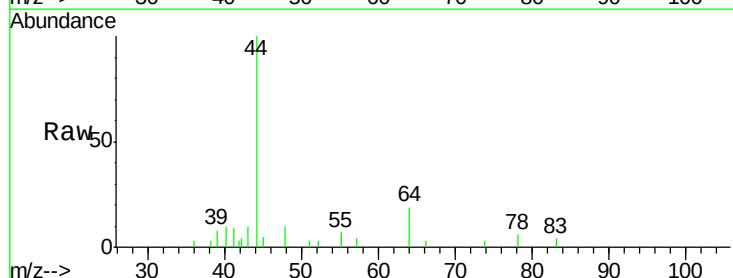
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



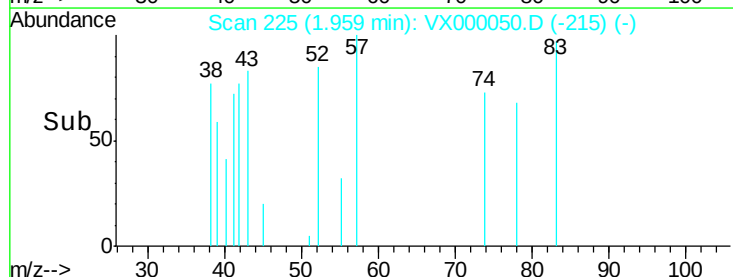
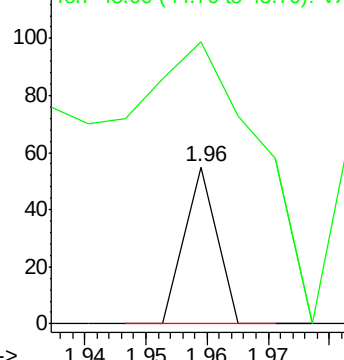
#8

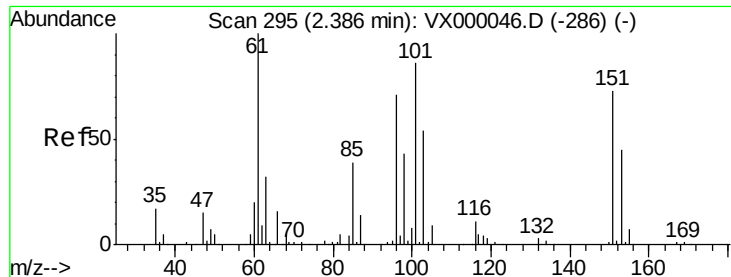
Diethyl Ether
Concen: 0.02 ug/l
RT: 1.96 min Scan# 225
Delta R.T. -0.24 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 1220.0 44.3 132.8#



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.17 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000050.D

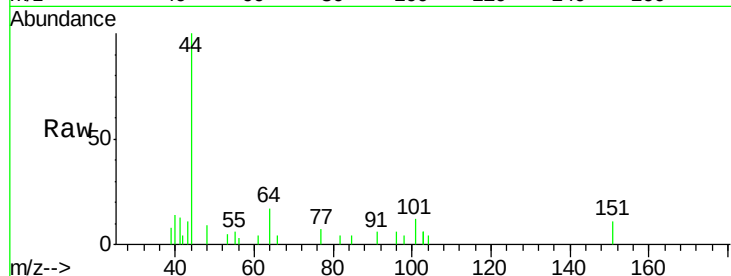
Acq: 09 Feb 2018 18:56

Instrument :

ClientSampled :

VX0209WBL01

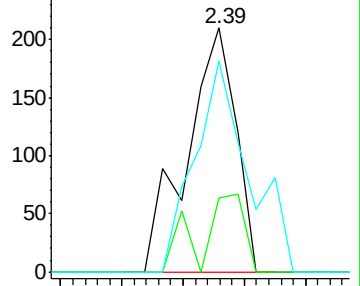
Tgt Ion:	101	Resp:	234
Ion	Ratio	Lower	Upper
101	100		
85	28.6	36.6	54.8#
151	95.3	68.8	103.2



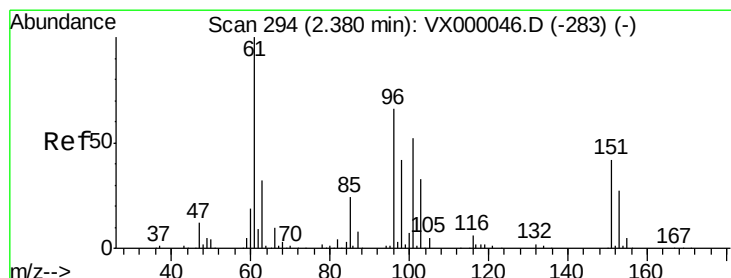
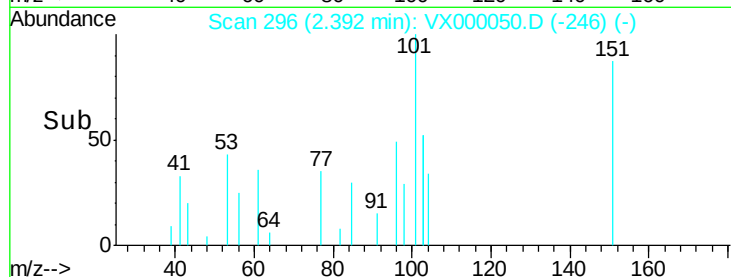
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



Time--> 2.34 2.36 2.38 2.40 2.42



#12

1,1-Dichloroethene

Concen: 0.08 ug/l

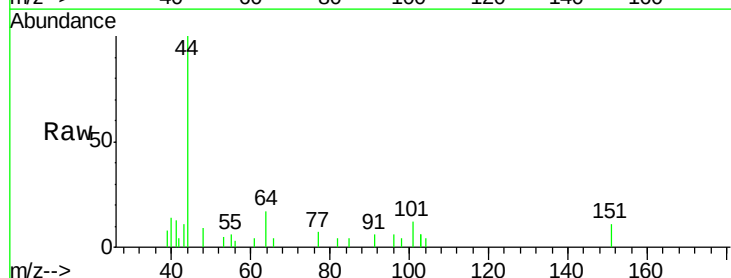
RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

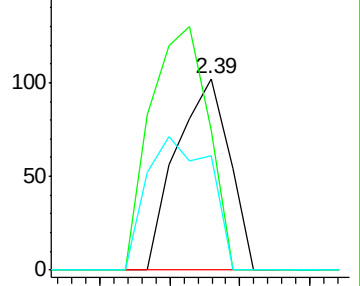
Tgt Ion:	96	Resp:	107
Ion	Ratio	Lower	Upper
96	100		
61	73.5	120.3	180.5#
98	59.8	51.0	76.4



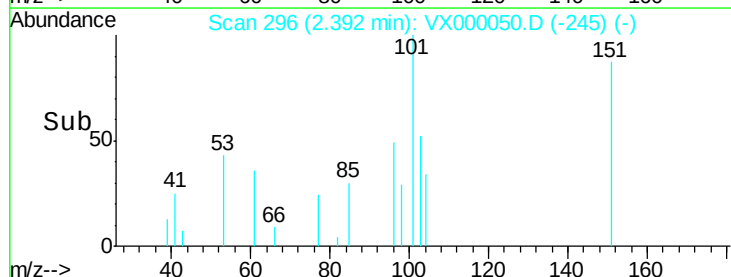
Abundance Ion 95.90 (95.60 to 96.60): VX0

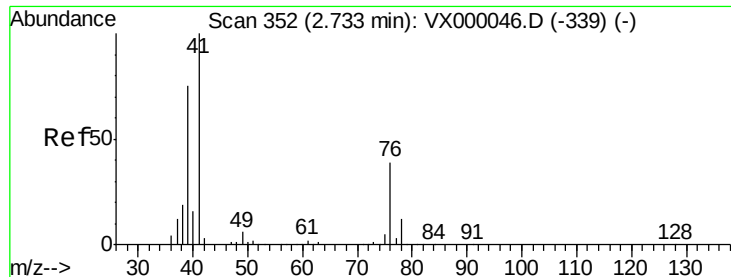
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time--> 2.36 2.38 2.40 2.42

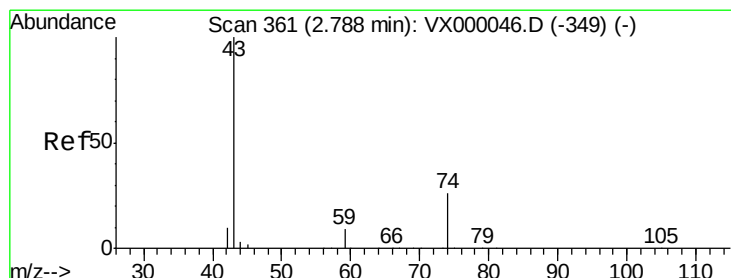
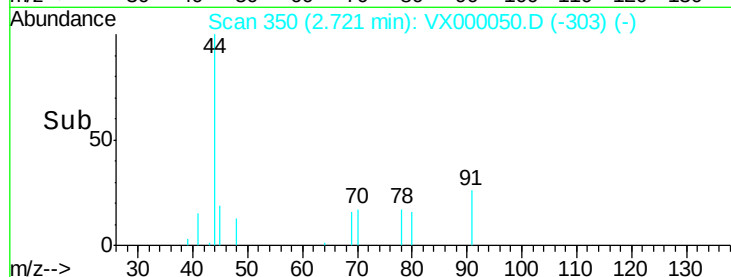
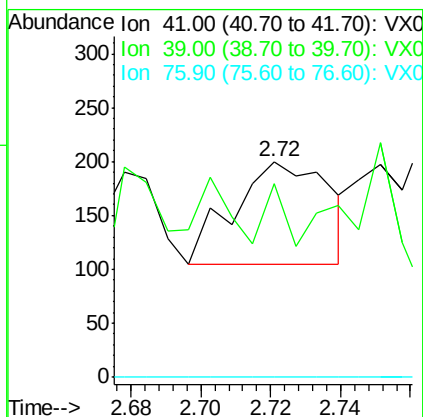
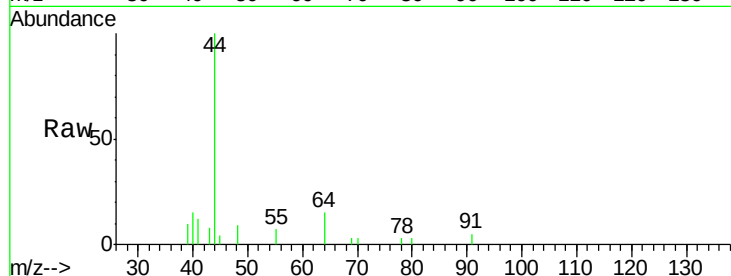




#14
 Allyl chloride
 Concen: 0.08 ug/l
 RT: 2.72 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

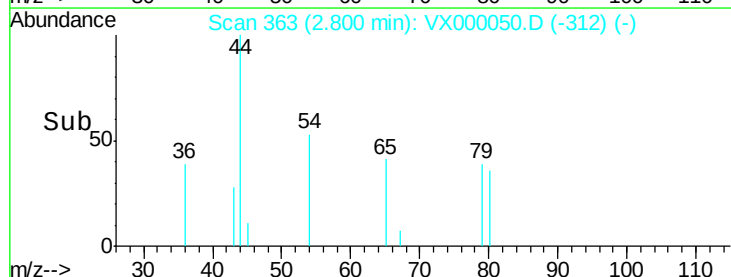
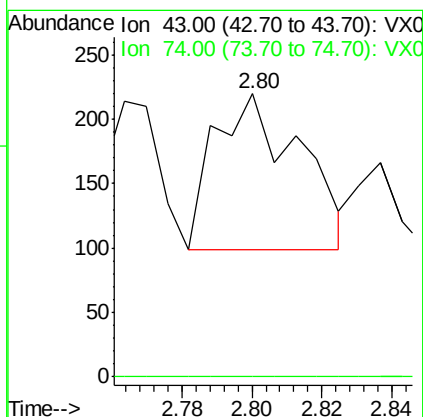
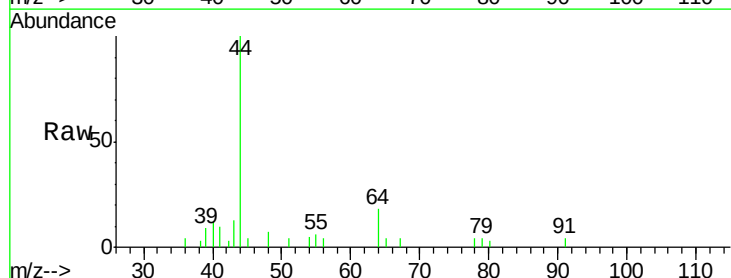
Instrument :
 ClientSampleId :
 VX0209WBL01

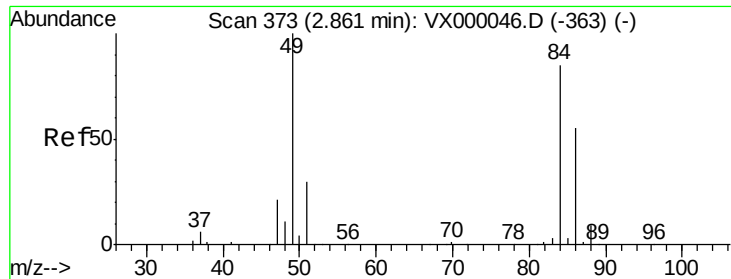
Tgt Ion: 41 Resp: 179
 Ion Ratio Lower Upper
 41 100
 39 43.6 55.8 83.6#
 76 0.0 28.7 43.1#



#18
 Methyl Acetate
 Concen: 0.10 ug/l
 RT: 2.80 min Scan# 363
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion: 43 Resp: 205
 Ion Ratio Lower Upper
 43 100
 74 0.0 20.2 30.4#

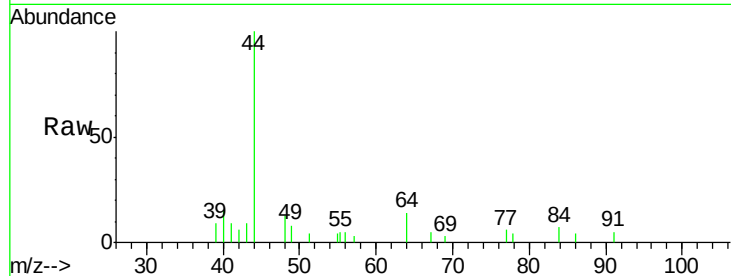




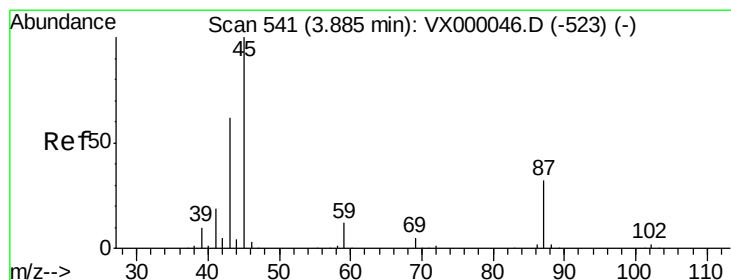
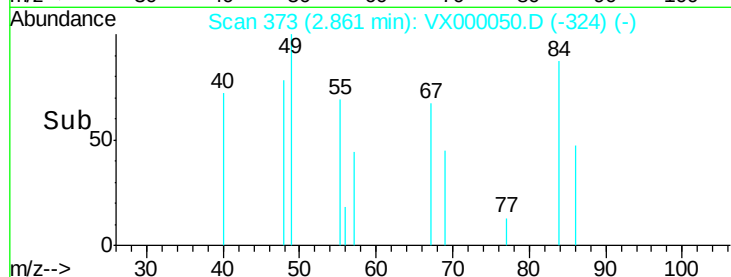
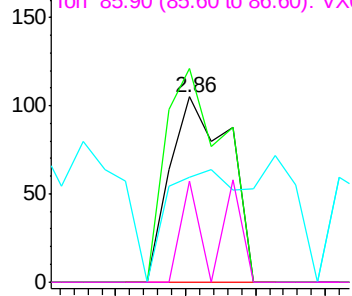
#20
Methylene Chloride
Concen: 0.09 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion: 84 Resp: 123
Ion Ratio Lower Upper
84 100
49 115.2 94.4 141.6
51 1.9 28.3 42.5#
86 54.3 51.6 77.4

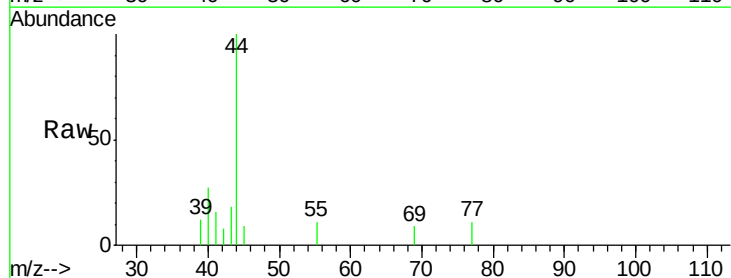


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

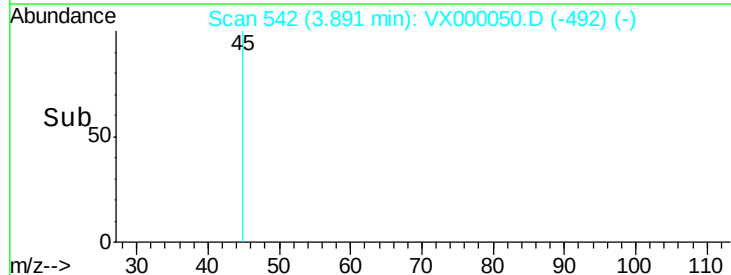
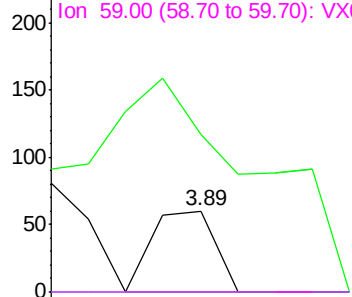


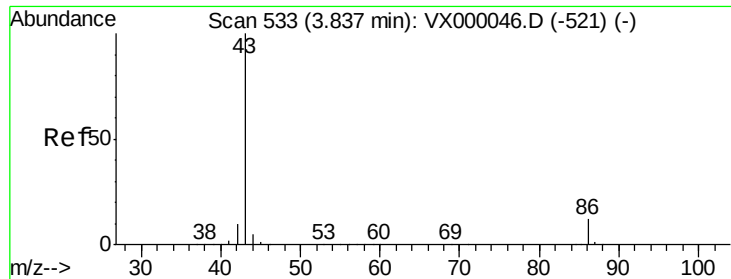
#22
Diisopropyl ether
Concen: 0.01 ug/l
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion: 45 Resp: 43
Ion Ratio Lower Upper
45 100
43 48.3 49.6 74.4#
87 0.0 25.9 38.9#
59 0.0 9.2 13.8#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 0.03 ug/l

RT: 3.84 min Scan# 534

Delta R.T. 0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

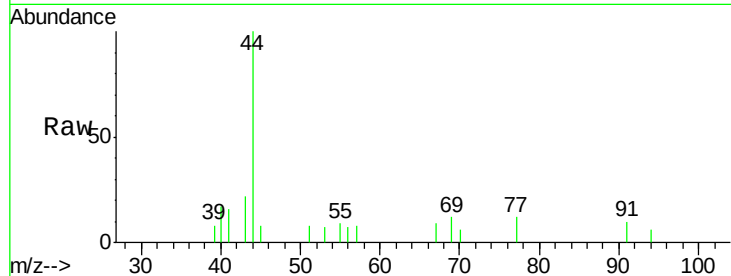
Instrument :
ClientSampleId :
VX0209WBL01

Tgt Ion: 43 Resp: 104

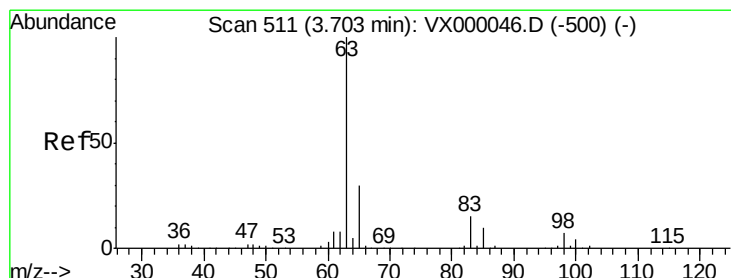
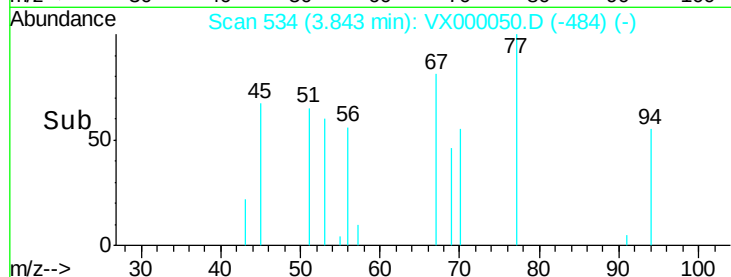
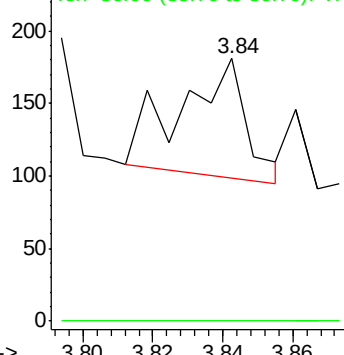
Ion Ratio Lower Upper

43 100

86 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.01 ug/l

RT: 3.66 min Scan# 504

Delta R.T. -0.04 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

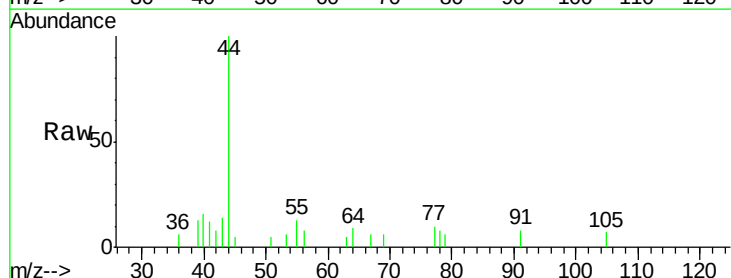
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

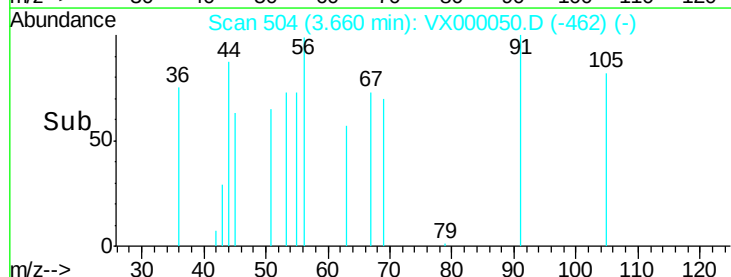
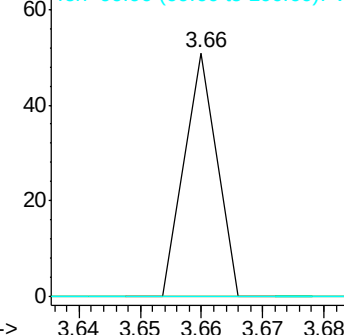
63 100

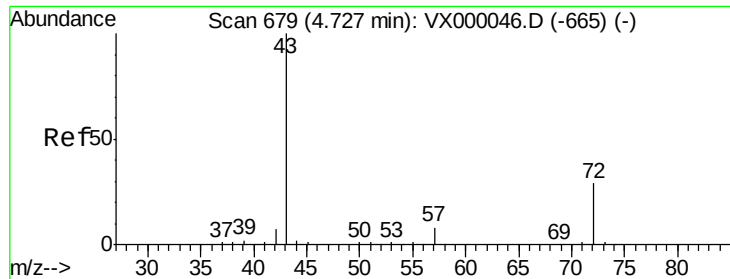
98 0.0 3.3 9.9#

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: 0.14 ug/l

RT: 4.74 min Scan# 682

Delta R.T. 0.02 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

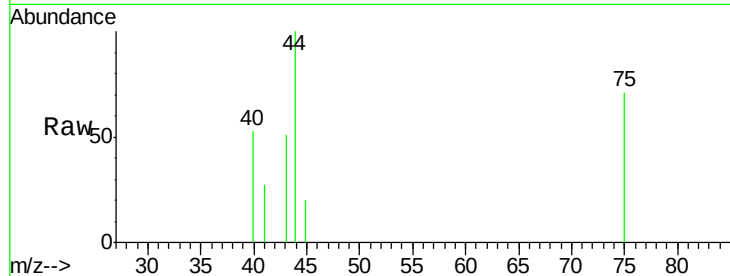
Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion: 43 Resp: 168

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

150

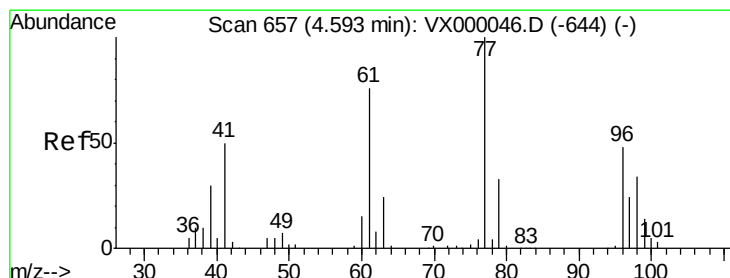
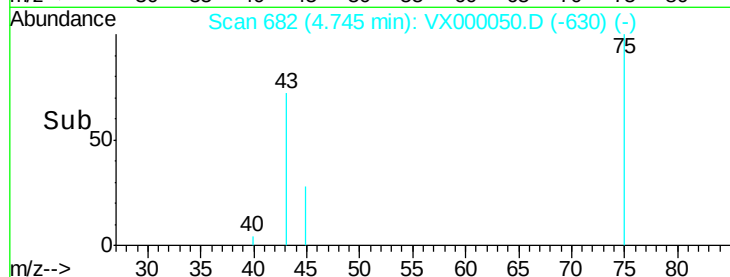
100

50

0

4.72 4.74 4.76

Time-->



#26

2,2-Dichloropropane

Concen: 0.05 ug/l

RT: 4.79 min Scan# 690

Delta R.T. 0.20 min

Lab File: VX000050.D

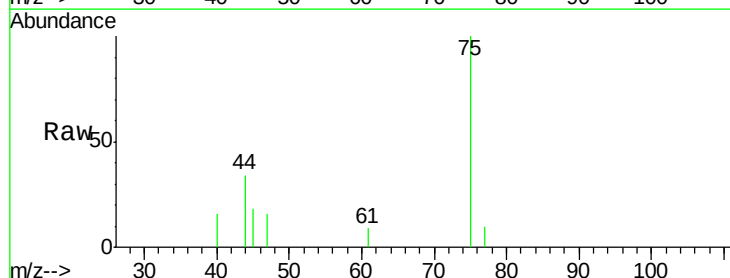
Acq: 09 Feb 2018 18:56

Tgt Ion: 77 Resp: 106

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

100

80

60

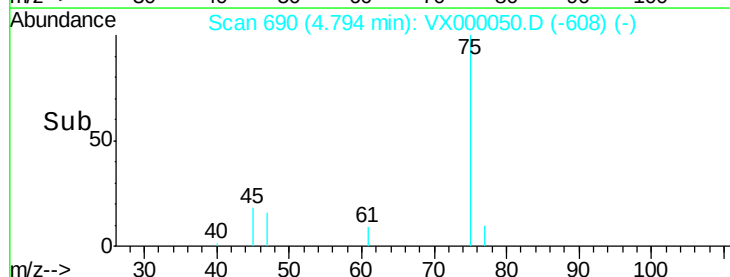
40

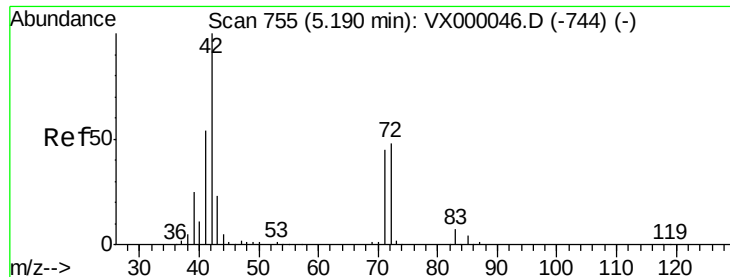
20

0

4.74 4.76 4.78 4.80 4.82

Time-->





#29

Tetrahydrofuran

Concen: 0.10 ug/l

RT: 5.20 min Scan# 757

Delta R.T. 0.01 min

Lab File: VX000050.D

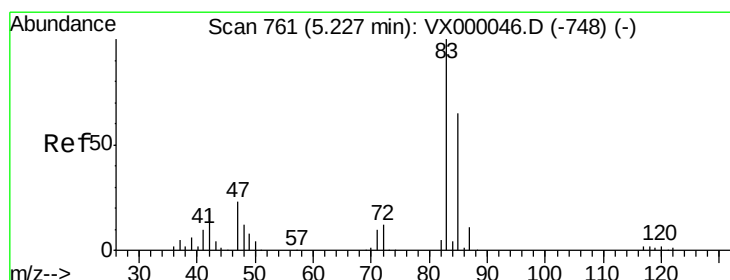
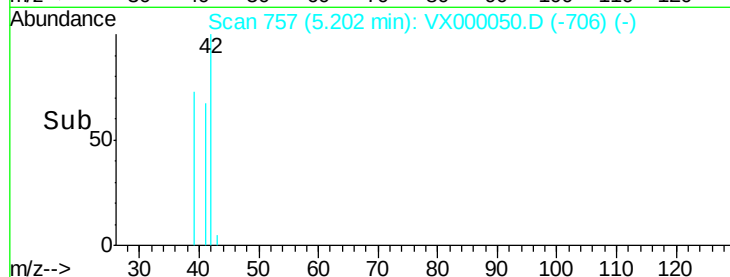
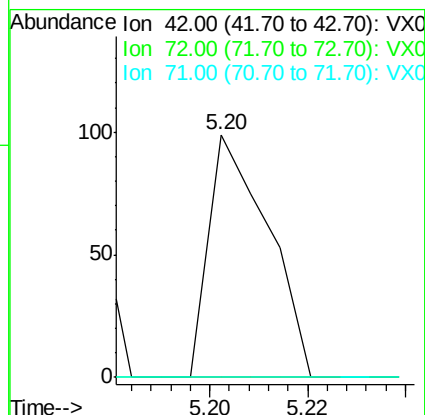
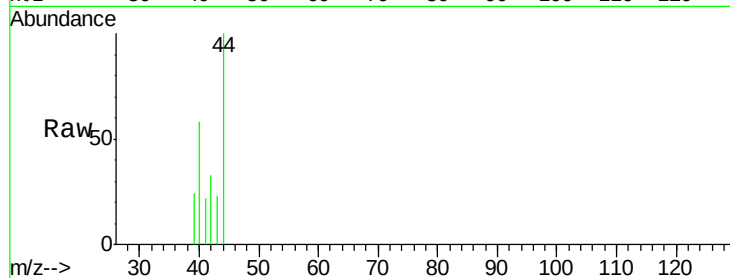
Acq: 09 Feb 2018 18:56

Instrument :

ClientSampled :

VX0209WBL01

Tgt Ion:	42	Resp:	83
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.0	58.6#
71	0.0	36.7	55.1#



#30

Chloroform

Concen: 0.01 ug/l

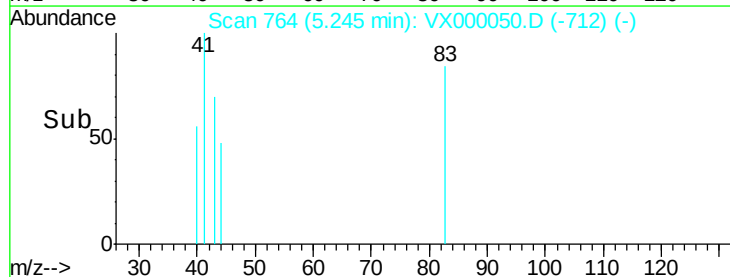
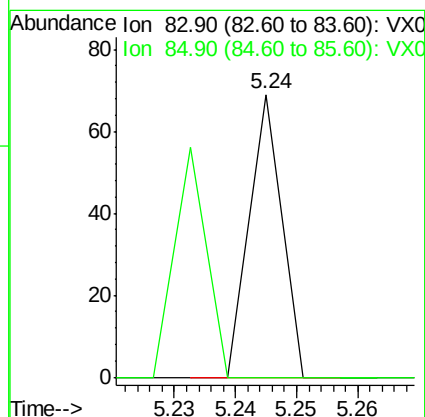
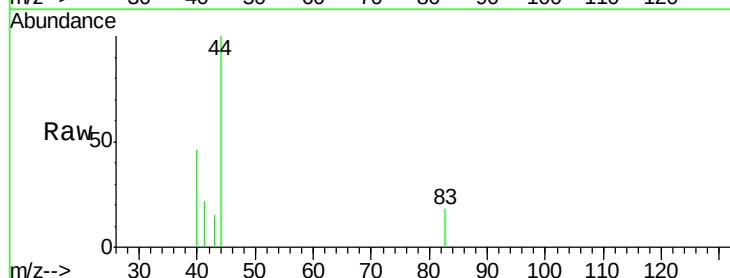
RT: 5.24 min Scan# 764

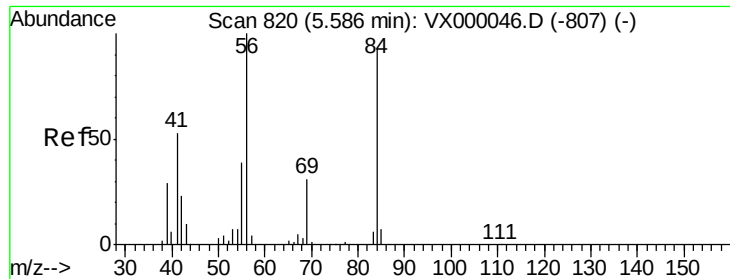
Delta R.T. 0.02 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Tgt Ion:	83	Resp:	25
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.9	77.9#

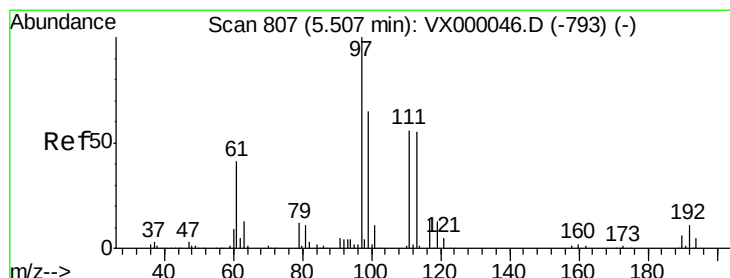
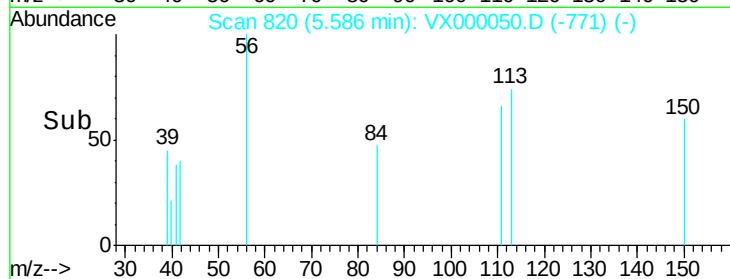
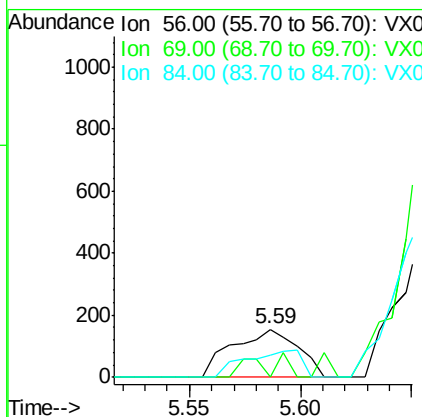
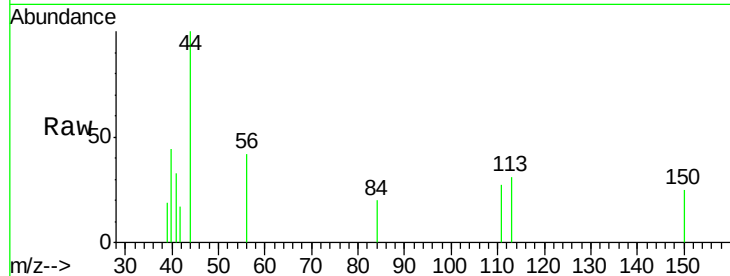




#31
Cyclohexane
Concen: 0.17 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

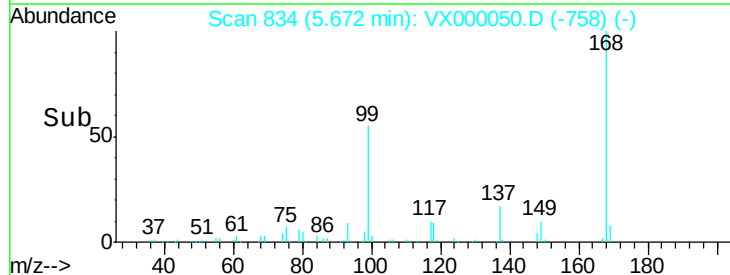
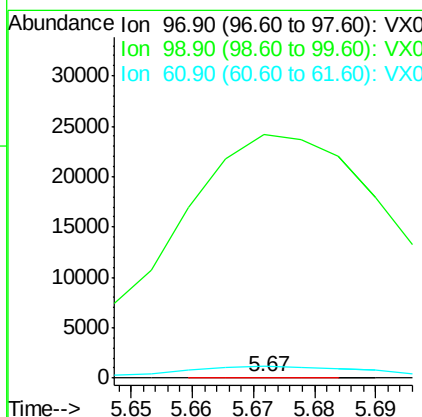
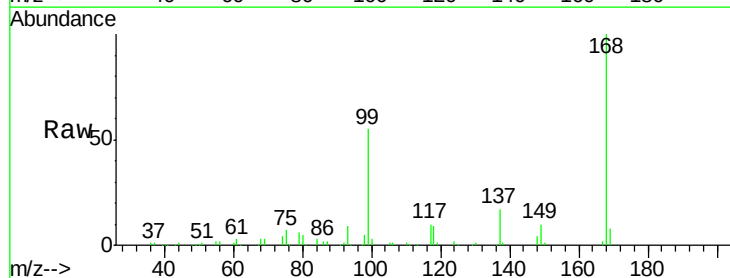
Instrument :
ClientSampled :
VX0209WBL01

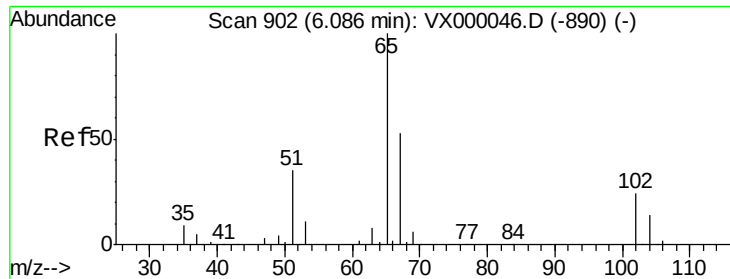
Tgt Ion: 56 Resp: 312
Ion Ratio Lower Upper
56 100
69 0.0 24.5 36.7#
84 46.8 74.8 112.2#



#32
1,1,1-Trichloroethane
Concen: 0.01 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.16 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion: 97 Resp: 31
Ion Ratio Lower Upper
97 100
99 225206.5 50.8 76.2#
61 9787.1 32.1 48.1#

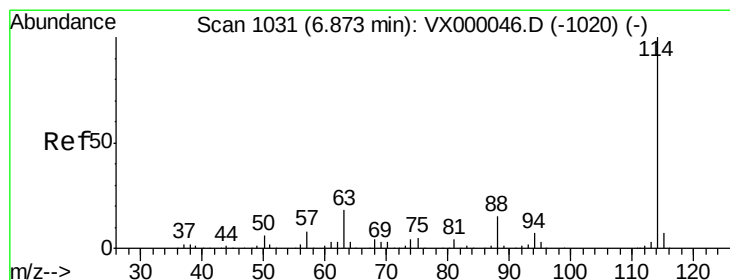
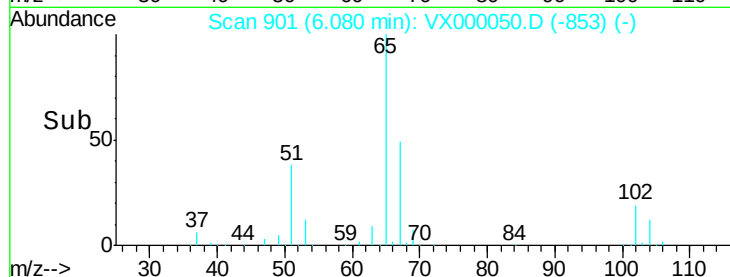
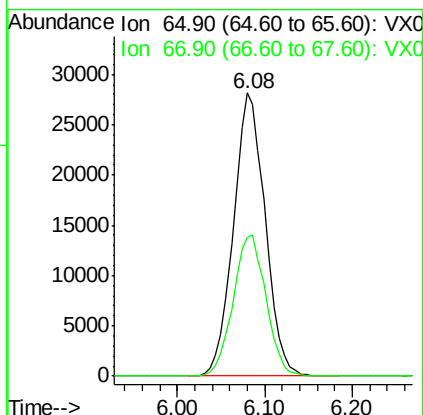
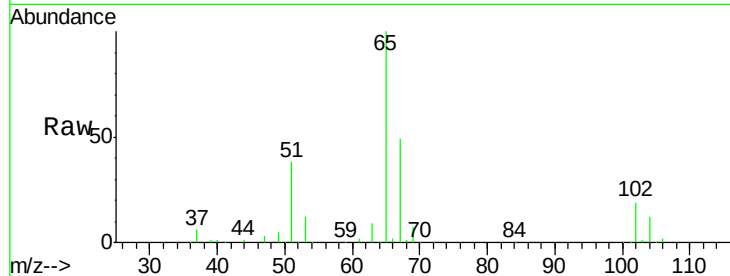




#33
 1,2-Dichloroethane-d4
 Concen: 51.69 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

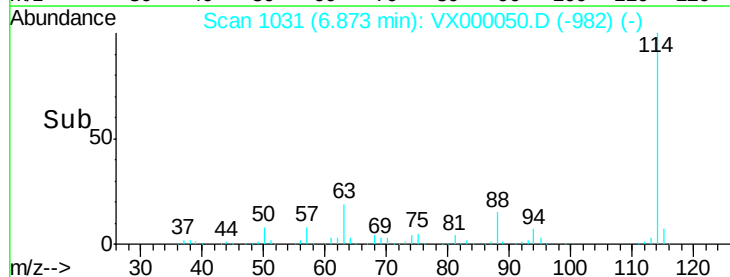
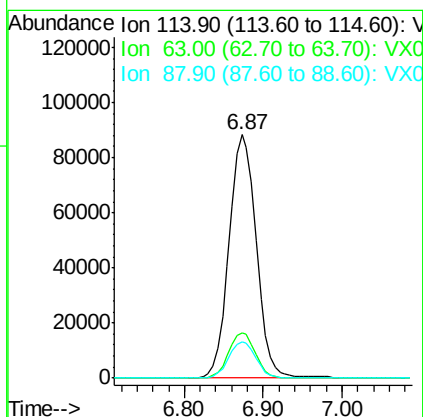
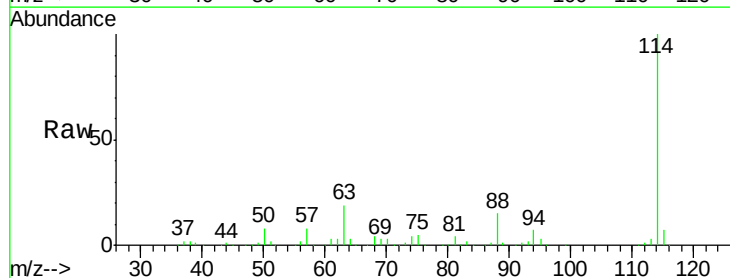
Instrument :
 ClientSampleId :
 VX0209WBL01

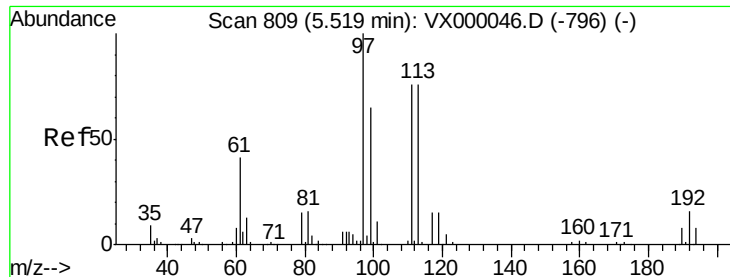
Tgt Ion: 65 Resp: 70872
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion: 114 Resp: 212895
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.0
 88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :

ClientSampleId :

VX0209WBL01

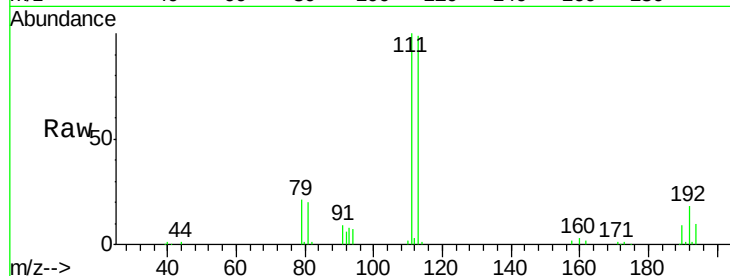
Tgt Ion:113 Resp: 60913

Ion Ratio Lower Upper

113 100

111 102.2 80.5 120.7

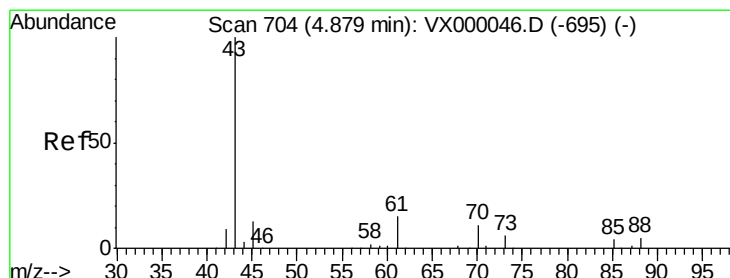
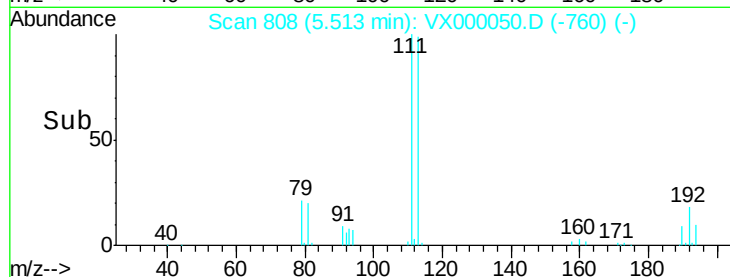
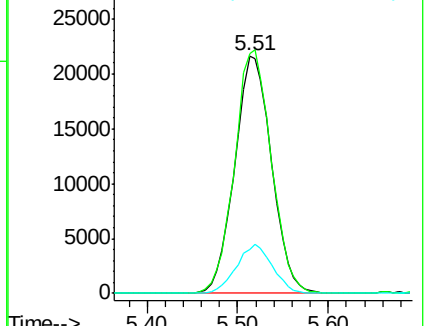
192 20.1 16.9 25.3



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: 0.04 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

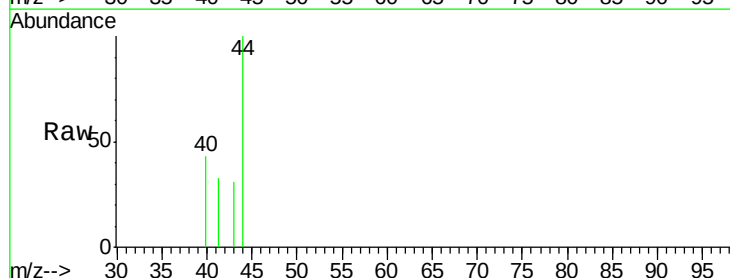
Tgt Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

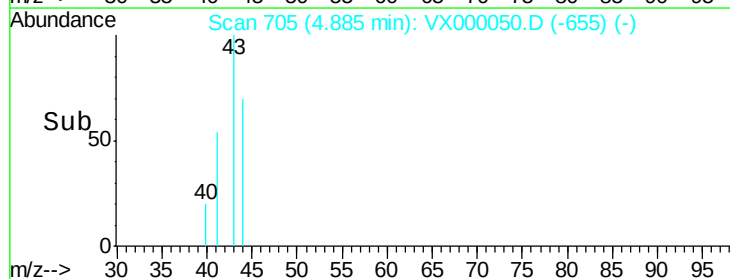
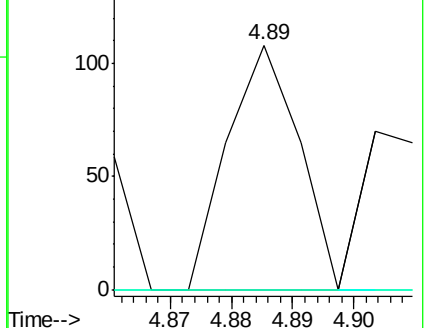
70 0.0 9.0 13.6#

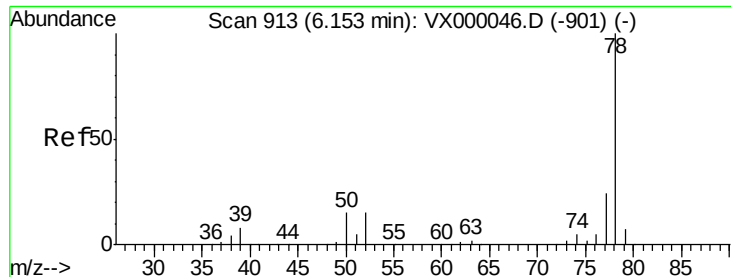


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

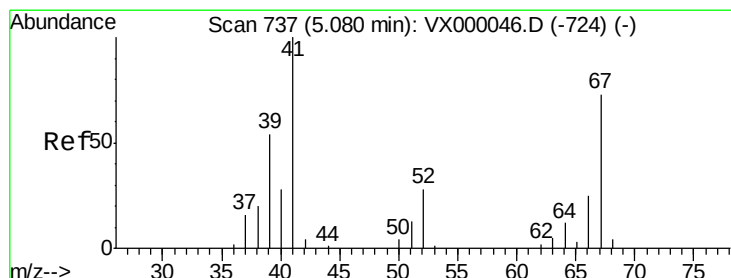
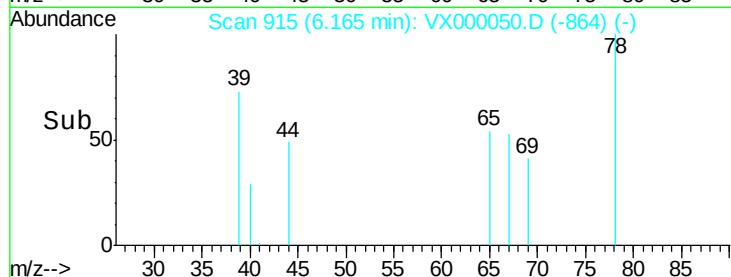
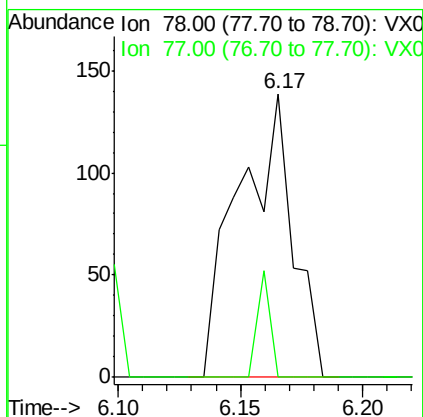
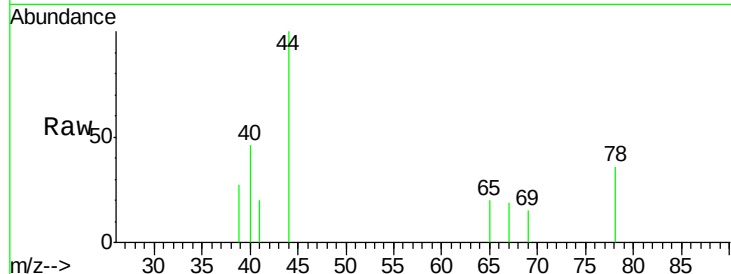




#40
Benzene
Concen: 0.04 ug/l
RT: 6.17 min Scan# 915
Delta R.T. 0.01 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

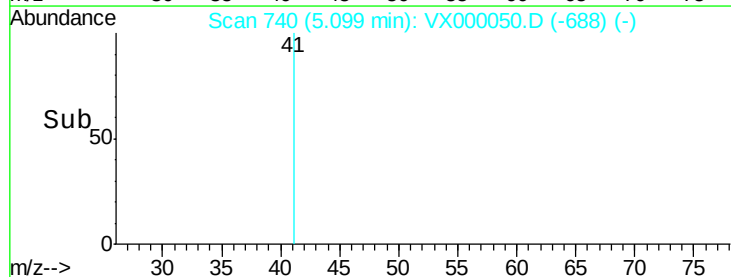
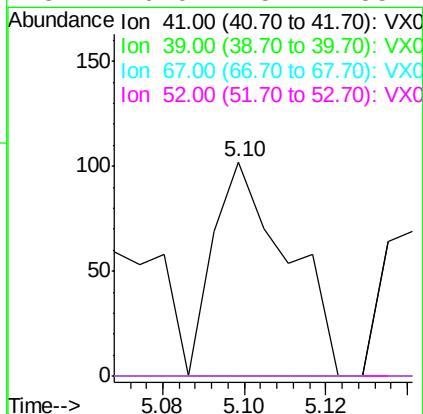
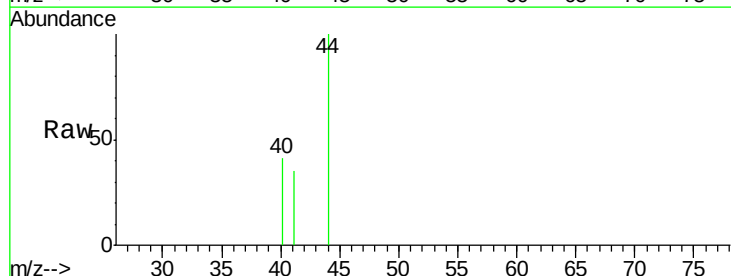
Instrument :
ClientSampleId :
VX0209WBL01

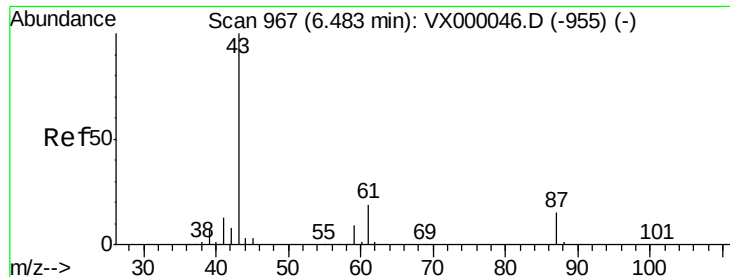
Tgt Ion: 78 Resp: 215
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.2#



#41
Methacrylonitrile
Concen: 0.10 ug/l
RT: 5.10 min Scan# 740
Delta R.T. 0.02 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion: 41 Resp: 129
Ion Ratio Lower Upper
41 100
39 0.0 45.8 68.8#
67 0.0 60.6 91.0#
52 0.0 25.4 38.2#





#43

Isopropyl Acetate

Concen: 0.01 ug/l

RT: 6.51 min Scan# 971

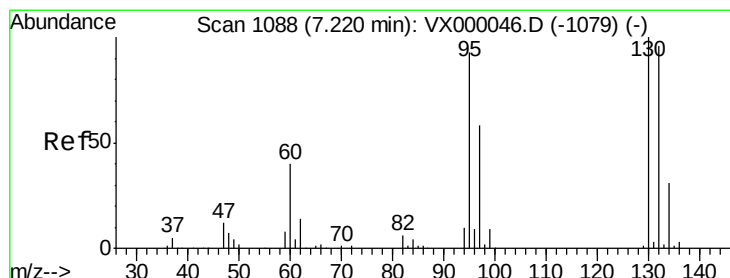
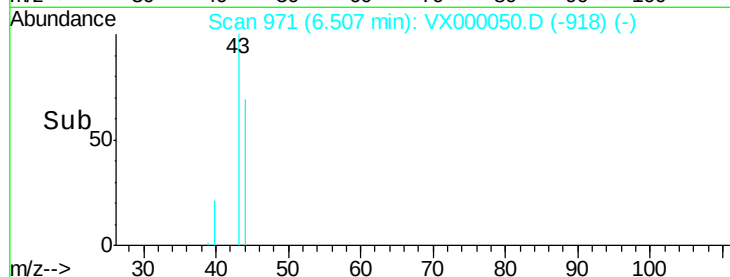
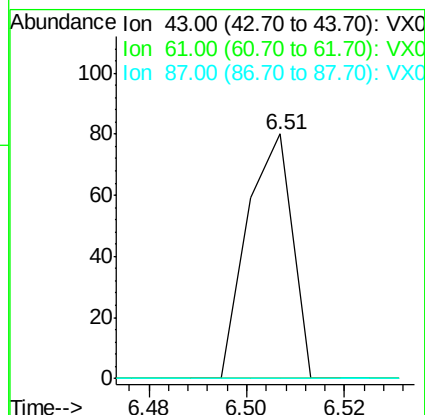
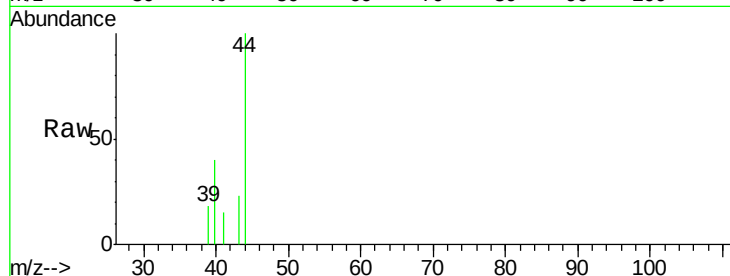
Delta R.T. 0.02 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion:	43	Resp:	51
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.9	23.9#
87	0.0	11.8	17.6#



#44

Trichloroethene

Concen: 0.14 ug/l

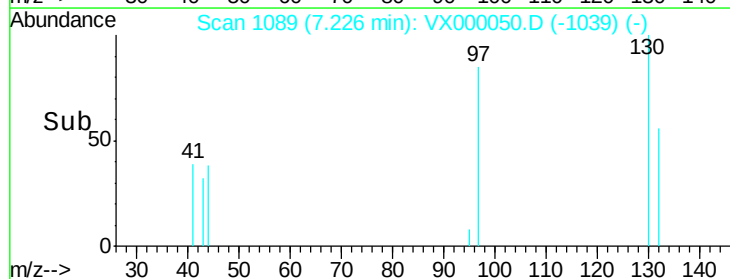
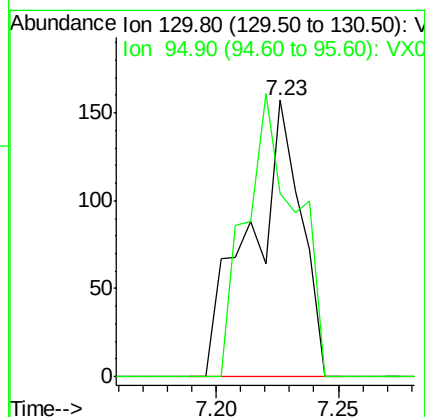
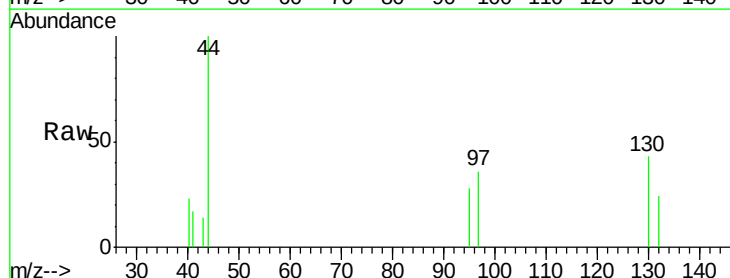
RT: 7.23 min Scan# 1089

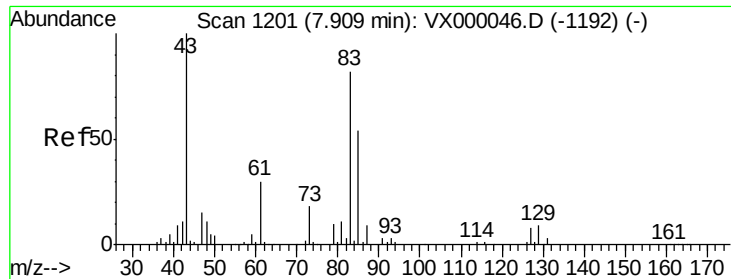
Delta R.T. 0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Tgt Ion:	130	Resp:	228
Ion	Ratio	Lower	Upper
130	100		
95	66.2	0.0	185.2





#47

Bromodichloromethane

Concen: 0.03 ug/l

RT: 7.91 min Scan# 1201

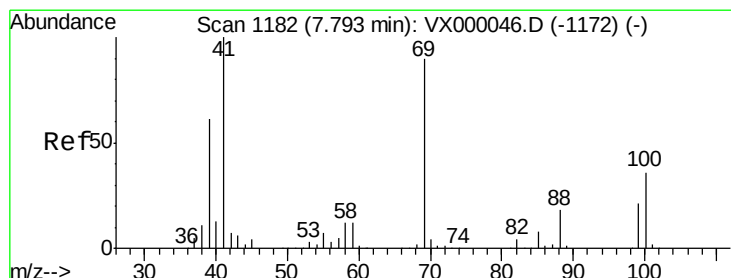
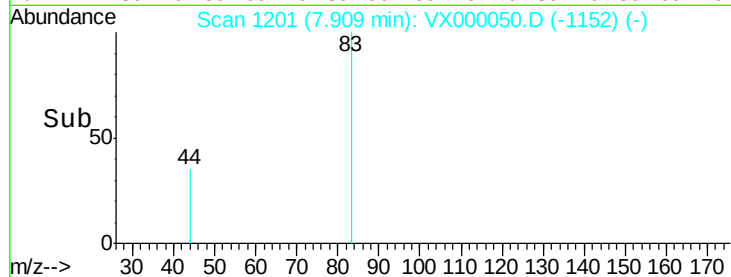
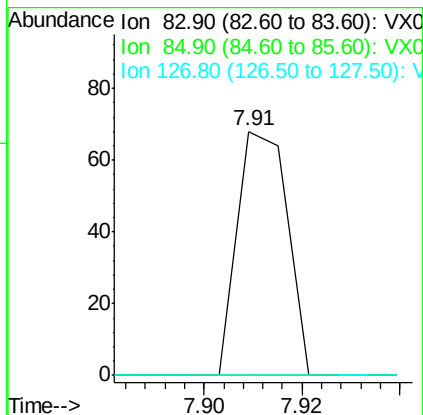
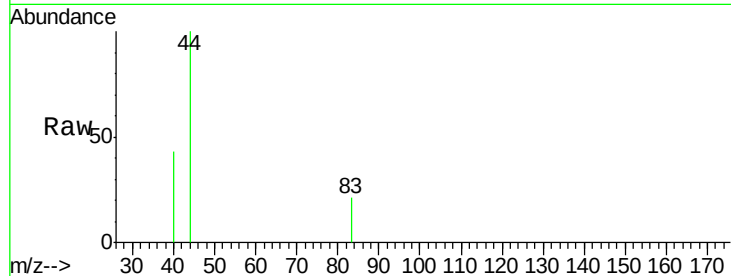
Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion:	83	Resp:	48
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.3	78.5#
127	0.0	7.4	11.0#



#48

Methyl methacrylate

Concen: 0.02 ug/l

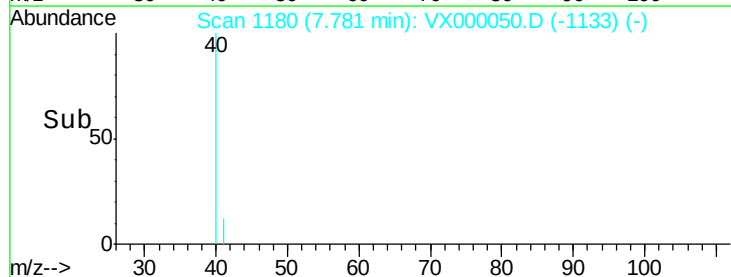
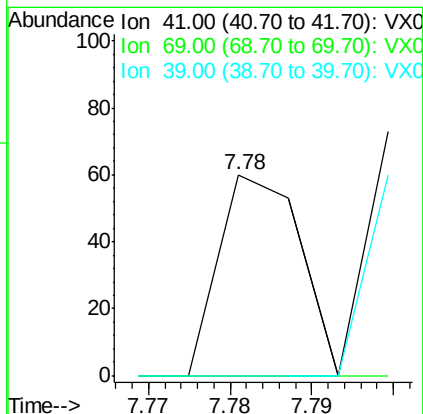
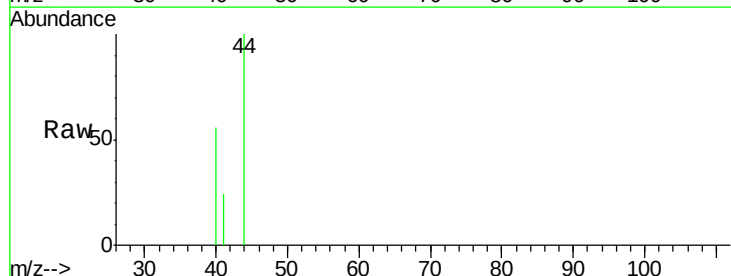
RT: 7.78 min Scan# 1180

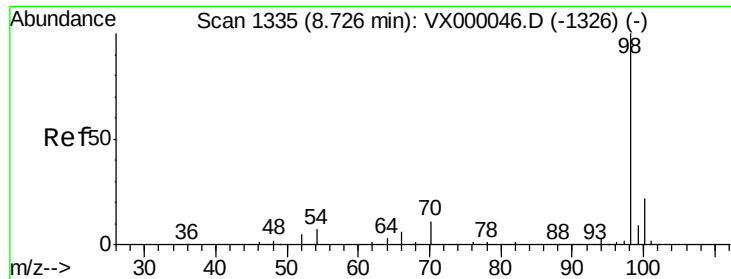
Delta R.T. -0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Tgt Ion:	41	Resp:	41
Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.1	108.1#
39	107.3	49.6	74.4#





#50

Toluene-d8

Concen: 47.34 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

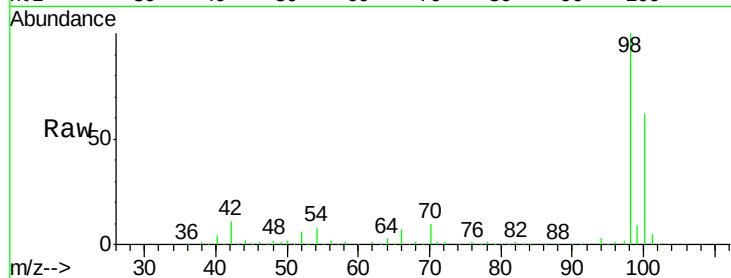
Instrument :
ClientSampleId :
VX0209WBL01

Tgt Ion: 98 Resp: 219002

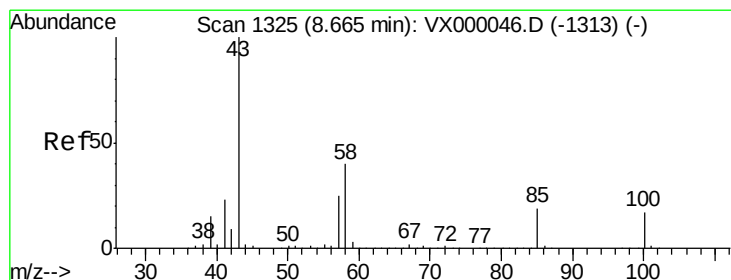
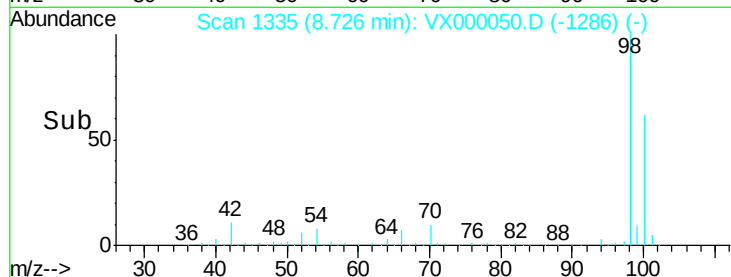
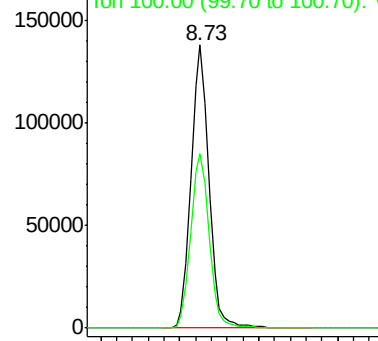
Ion Ratio Lower Upper

98 100

100 63.8 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: 0.06 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000050.D

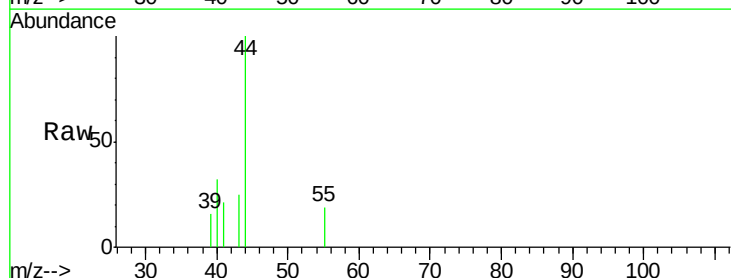
Acq: 09 Feb 2018 18:56

Tgt Ion: 43 Resp: 140

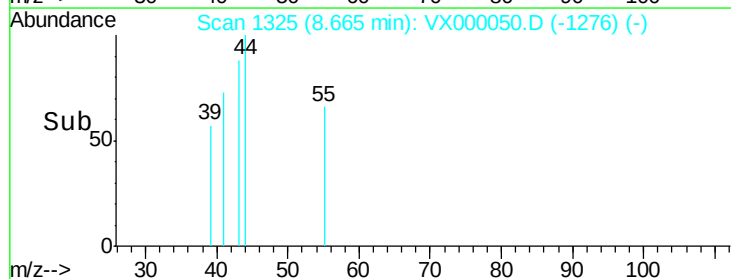
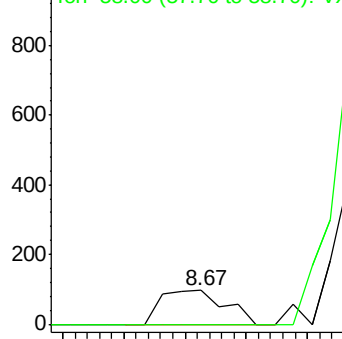
Ion Ratio Lower Upper

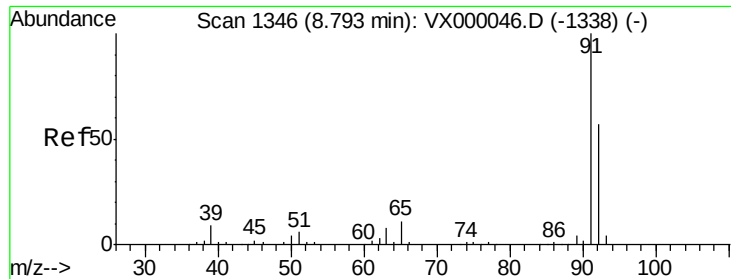
43 100

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): VX





#52

Toluene

Concen: 0.08 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

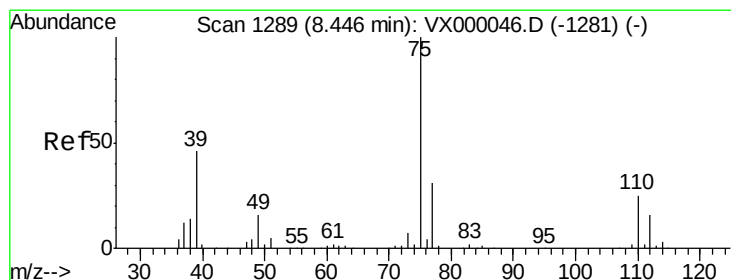
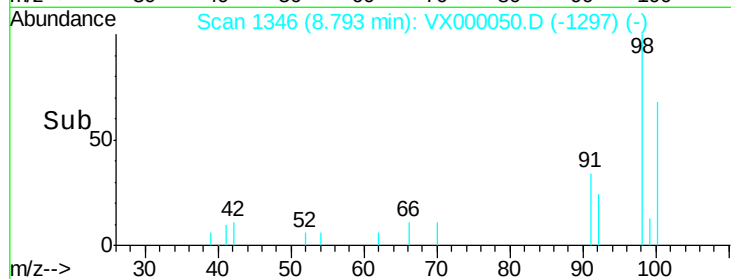
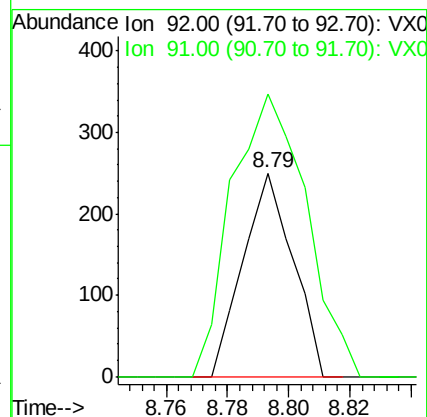
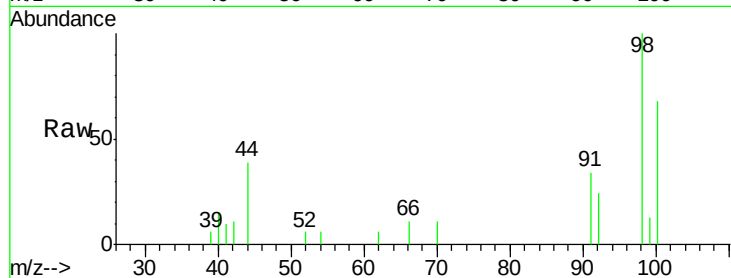
Instrument :
ClientSampleId :
VX0209WBL01

Tgt Ion: 92 Resp: 282

Ion Ratio Lower Upper

92 100

91 208.5 139.8 209.6



#53

t-1,3-Dichloropropene

Concen: 0.08 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000050.D

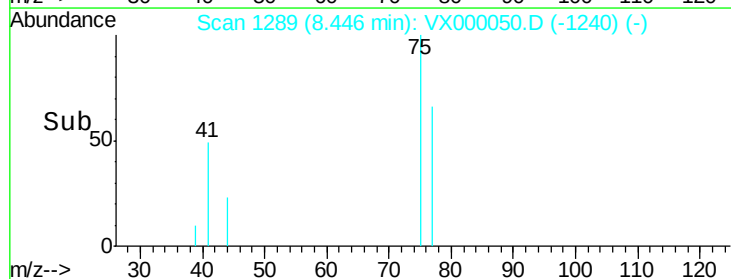
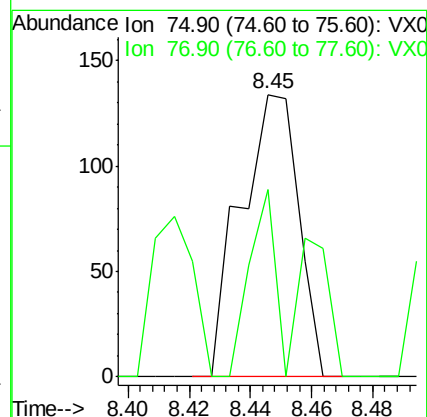
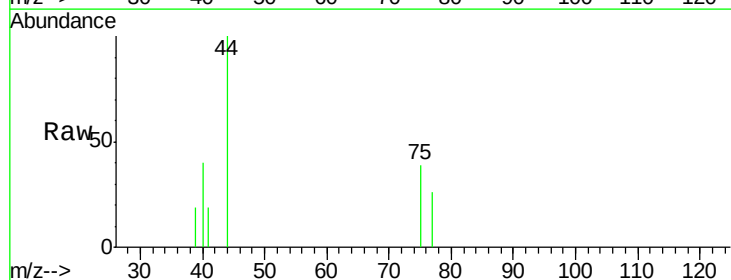
Acq: 09 Feb 2018 18:56

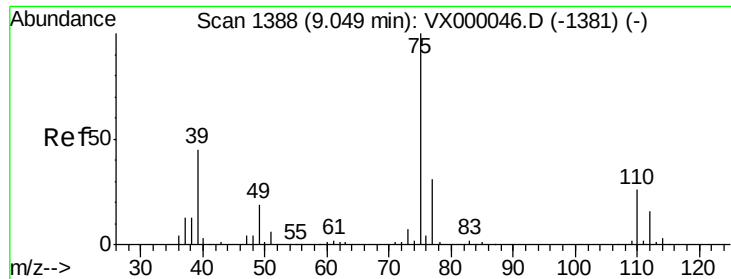
Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

75 100

77 66.4 25.0 37.4#

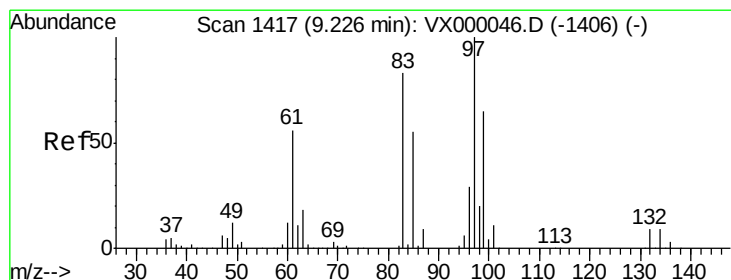
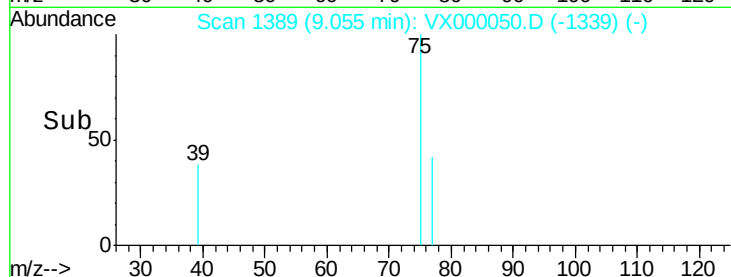
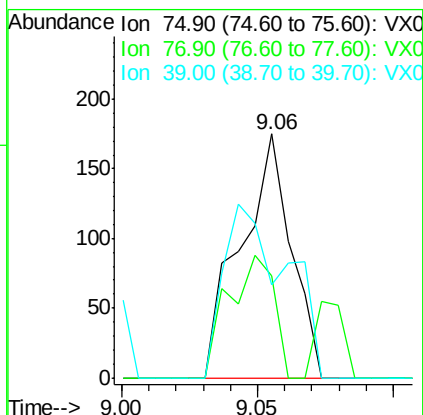
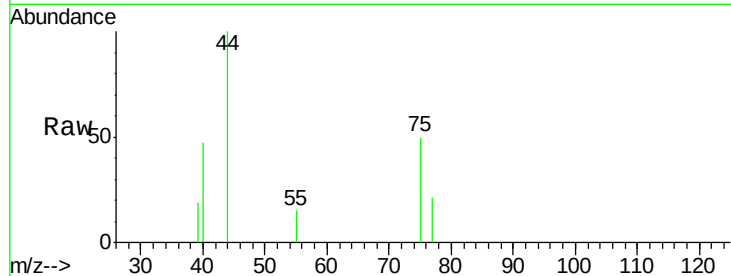




#54
 cis-1,3-Dichloropropene
 Concen: 0.10 ug/l
 RT: 9.06 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

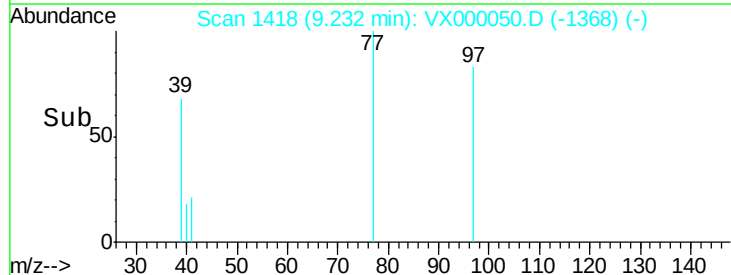
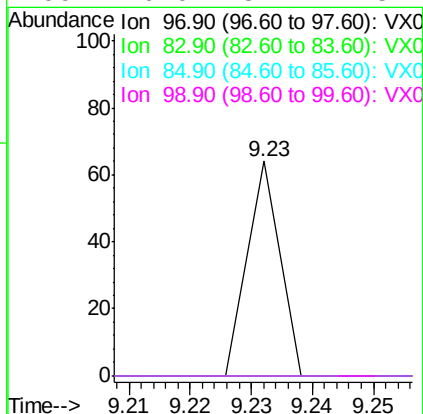
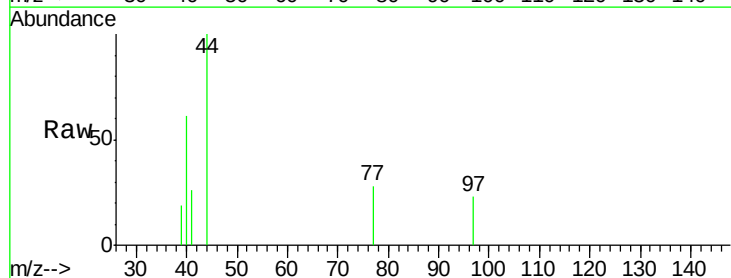
Instrument :
 ClientSampled :
 VX0209WBL01

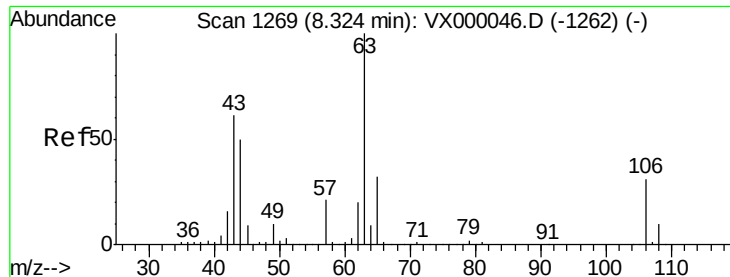
Tgt Ion: 75 Resp: 225
 Ion Ratio Lower Upper
 75 100
 77 41.7 25.1 37.7#
 39 38.3 36.1 54.1



#55
 1,1,2-Trichloroethane
 Concen: 0.02 ug/l
 RT: 9.23 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion: 97 Resp: 23
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.5 99.7#
 85 0.0 43.8 65.6#
 99 0.0 52.2 78.4#

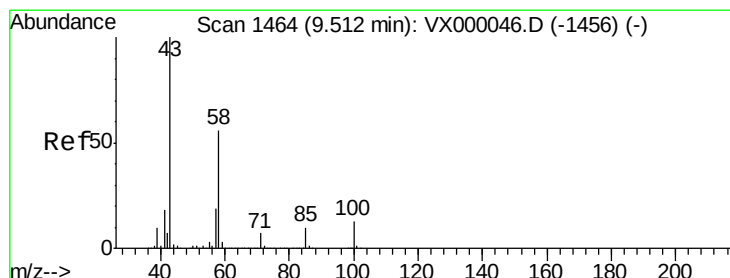
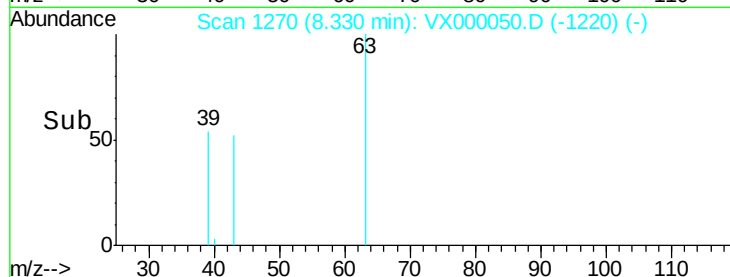
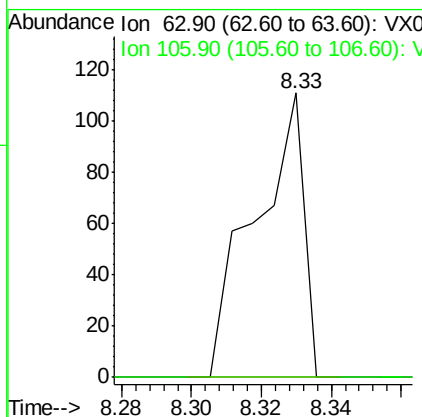
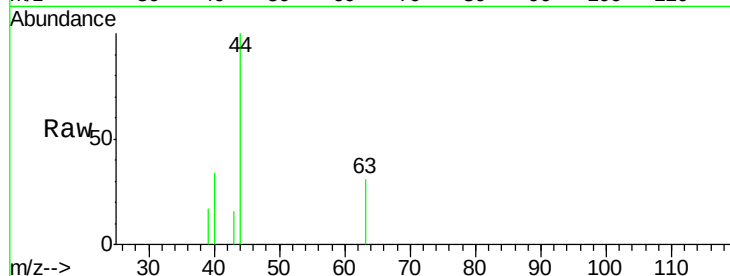




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.10 ug/l
 RT: 8.33 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

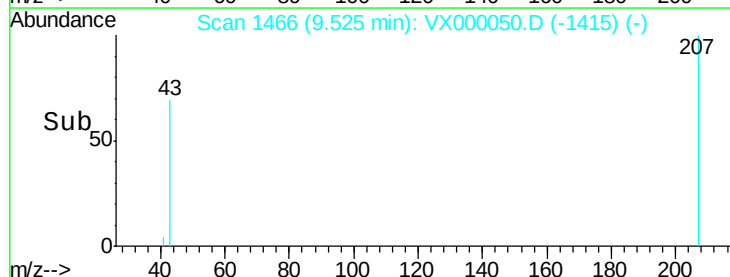
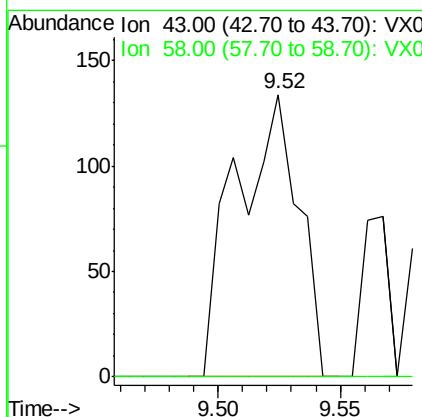
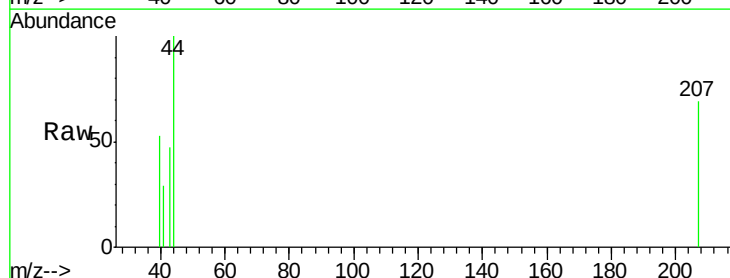
Instrument :
 ClientSampleId :
 VX0209WBL01

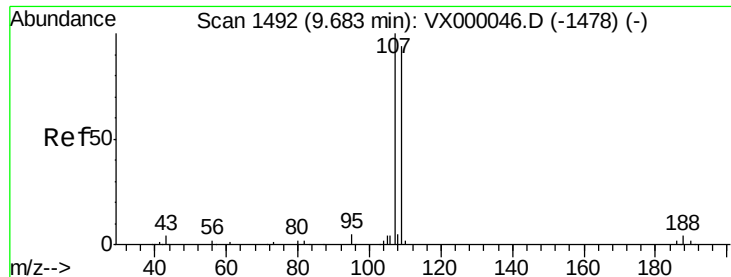
Tgt Ion: 63 Resp: 108
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.7 37.1#



#59
 2-Hexanone
 Concen: 0.12 ug/l
 RT: 9.52 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion: 43 Resp: 240
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.6 82.7#





#61

1,2-Dibromoethane

Concen: 0.06 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :

ClientSampled :

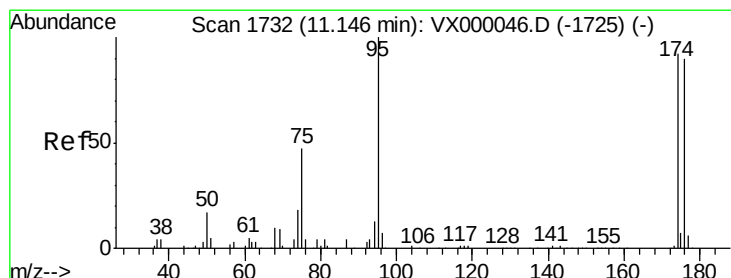
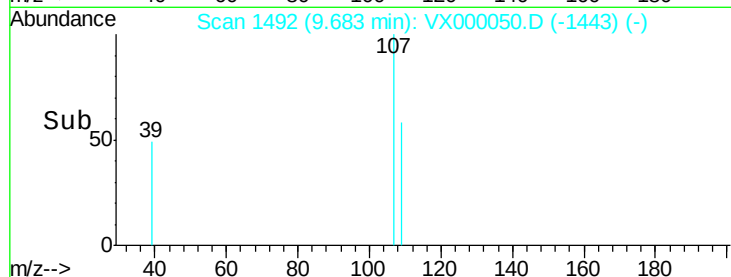
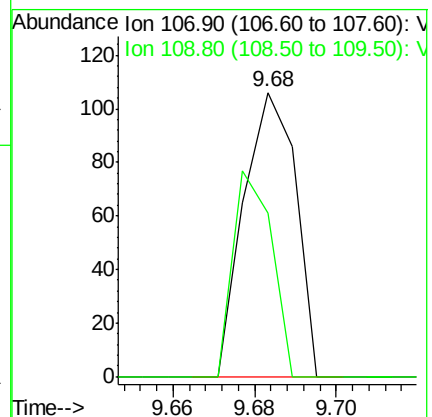
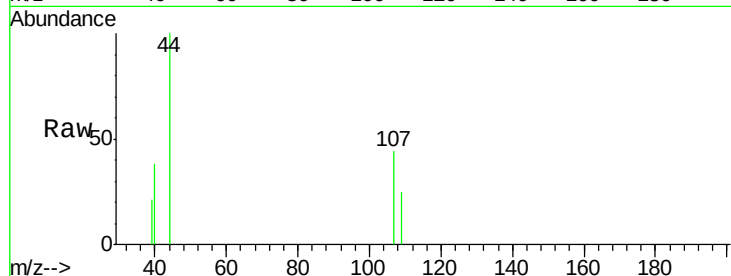
VX0209WBL01

Tgt Ion: 107 Resp: 94

Ion Ratio Lower Upper

107 100

109 53.2 74.6 111.8#



#62

4-Bromofluorobenzene

Concen: 45.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

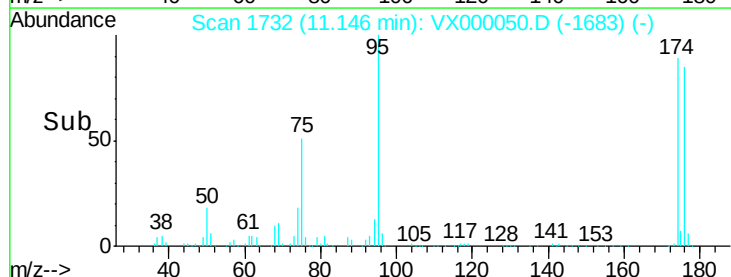
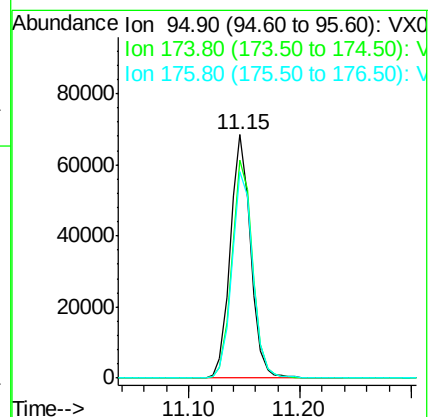
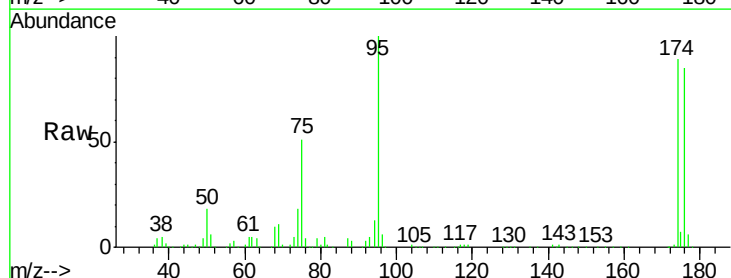
Tgt Ion: 95 Resp: 86370

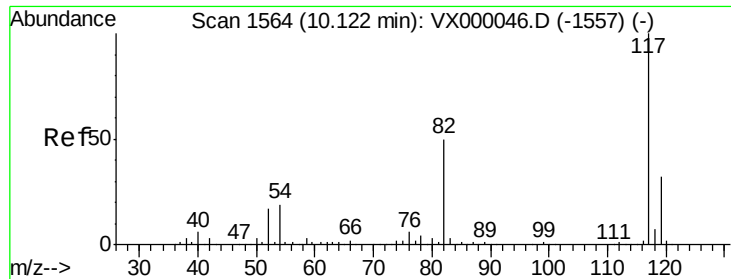
Ion Ratio Lower Upper

95 100

174 90.9 0.0 185.6

176 87.1 0.0 181.8

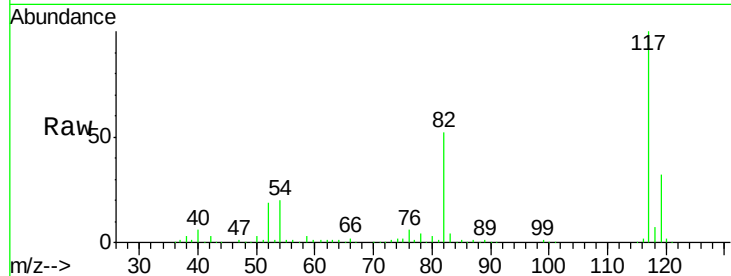




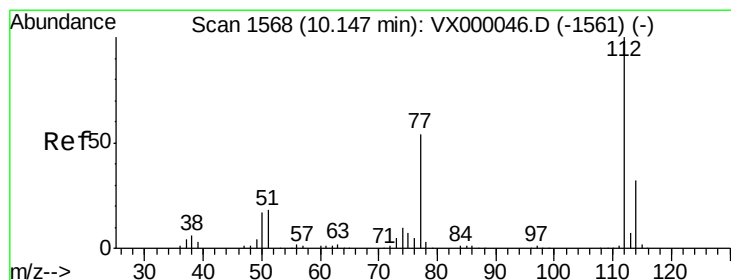
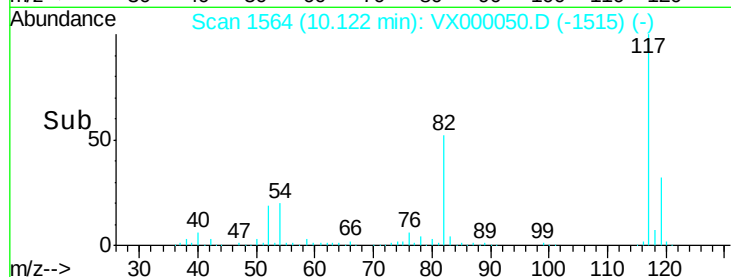
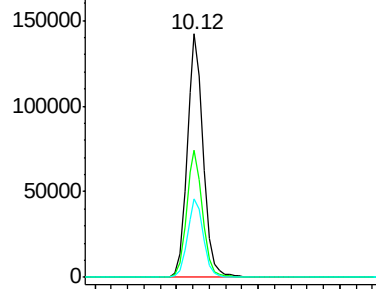
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Instrument :
ClientSampled :
VX0209WBL01

Tgt Ion:117 Resp: 196998
Ion Ratio Lower Upper
117 100
82 52.4 40.3 60.5
119 32.5 25.3 37.9

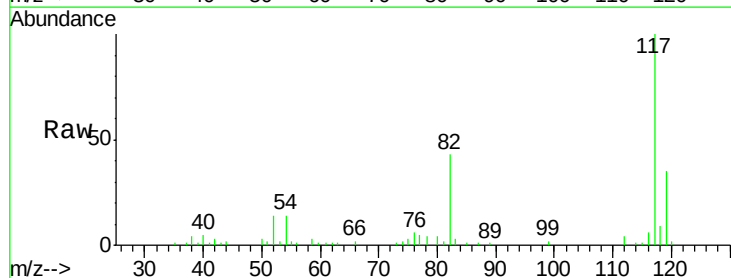


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

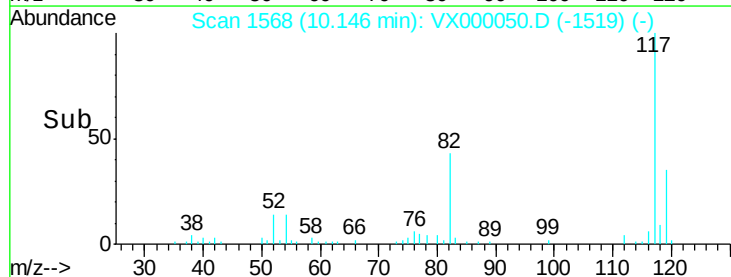
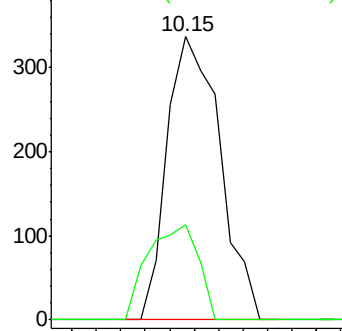


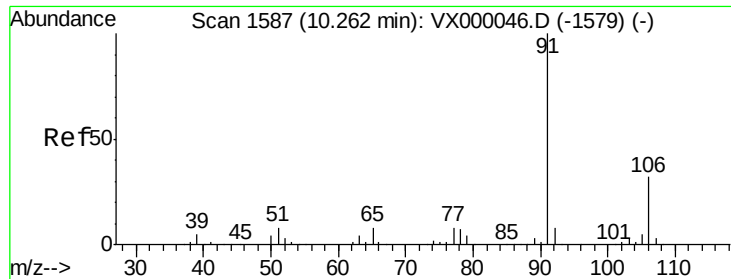
#65
Chlorobenzene
Concen: 0.12 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion:112 Resp: 508
Ion Ratio Lower Upper
112 100
114 33.8 25.6 38.4



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

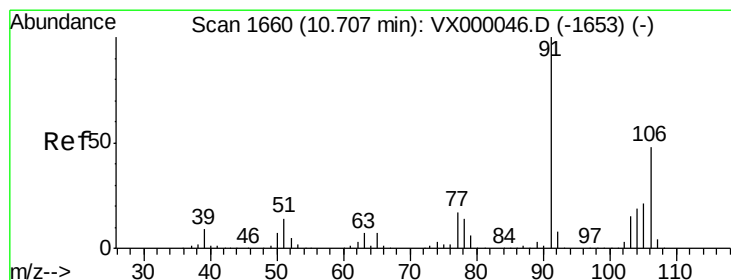
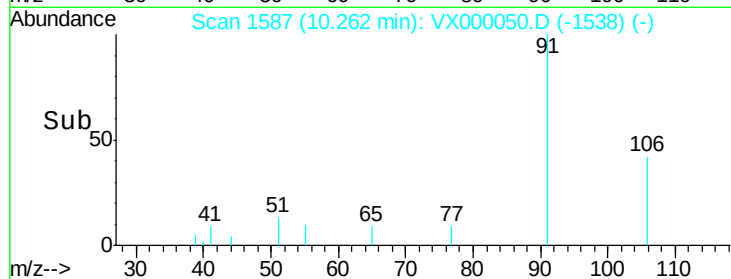
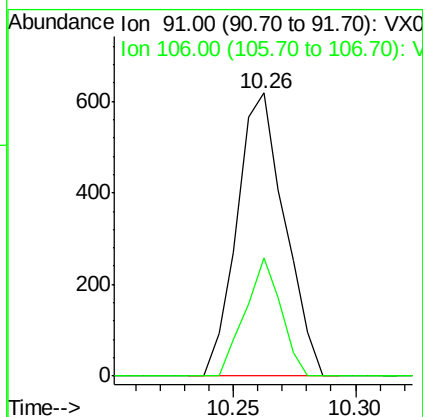
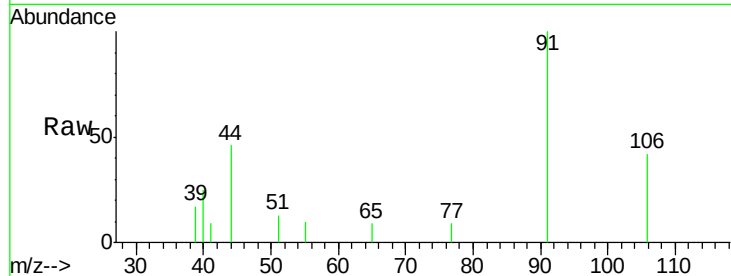




#67
Ethyl Benzene
Concen: 0.12 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

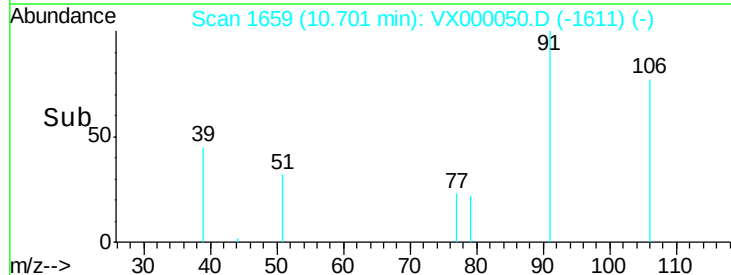
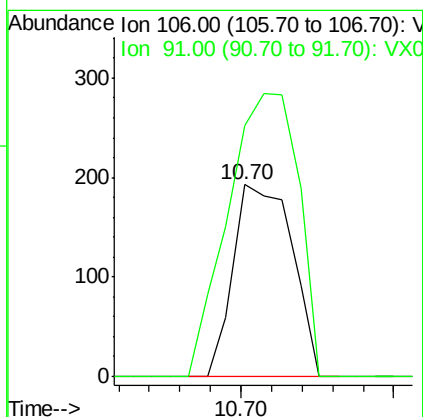
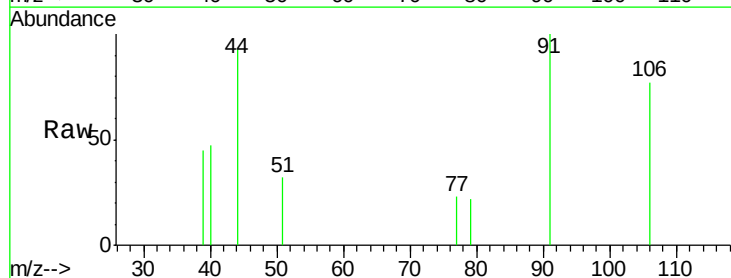
Instrument :
ClientSampled :
VX0209WBL01

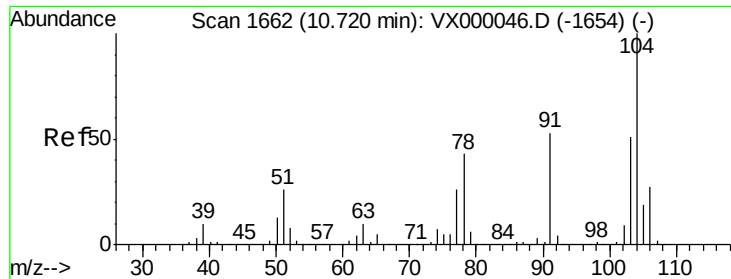
Tgt Ion: 91 Resp: 842
Ion Ratio Lower Upper
91 100
106 41.9 25.9 38.9#



#69
o-Xylene
Concen: 0.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000050.D
Acq: 09 Feb 2018 18:56

Tgt Ion: 106 Resp: 257
Ion Ratio Lower Upper
106 100
91 176.7 104.0 312.0





#70

Styrene

Concen: 0.11 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :

ClientSampled :

VX0209WBL01

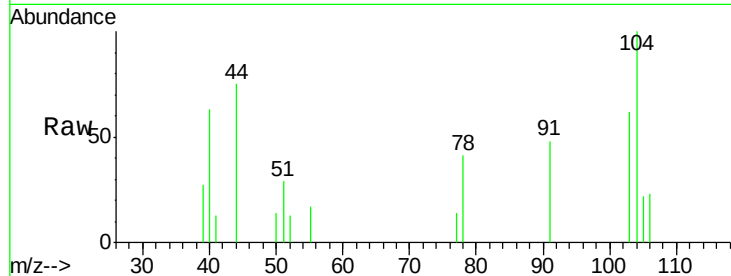
Tgt Ion:104 Resp: 493

Ion Ratio Lower Upper

104 100

78 43.2 37.7 56.5

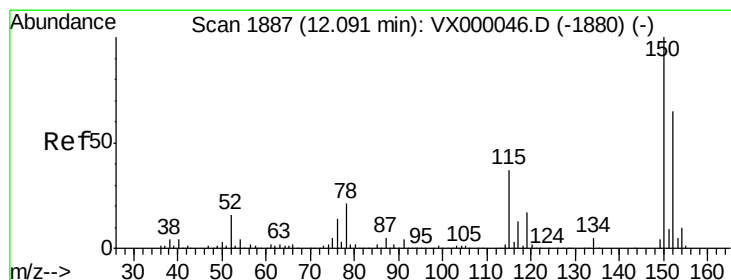
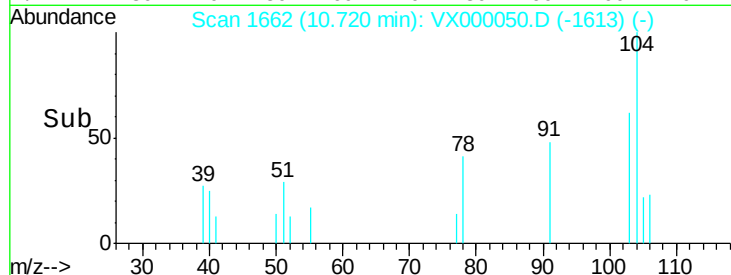
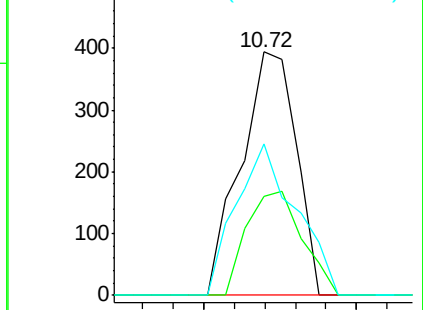
103 67.7 44.0 66.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

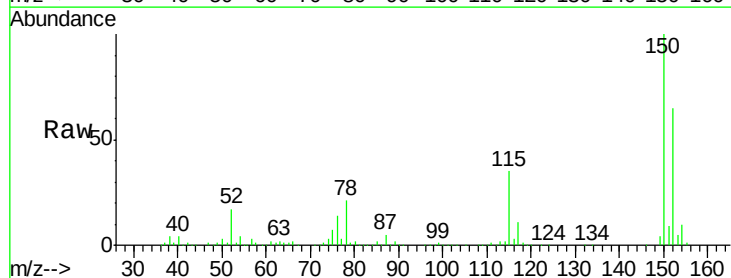
Tgt Ion:152 Resp: 104341

Ion Ratio Lower Upper

152 100

115 57.1 39.3 117.8

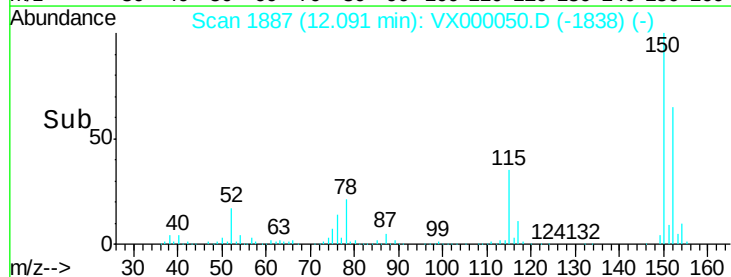
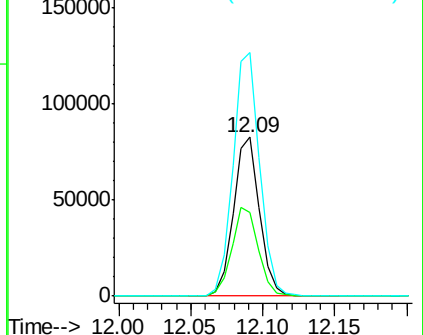
150 157.8 0.0 349.2

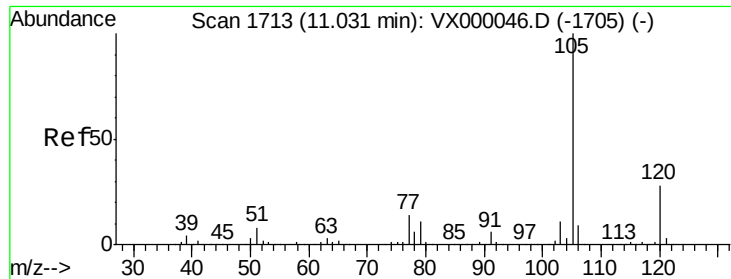


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :

ClientSampleId :

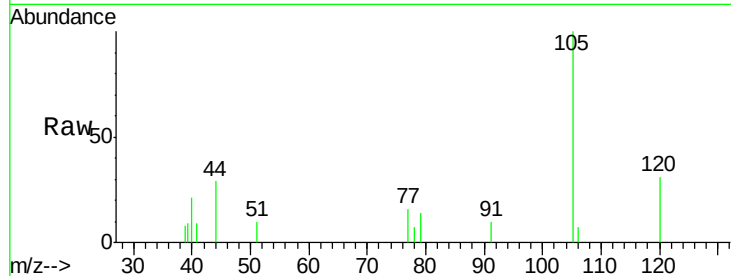
VX0209WBL01

Tgt Ion: 105 Resp: 890

Ion Ratio Lower Upper

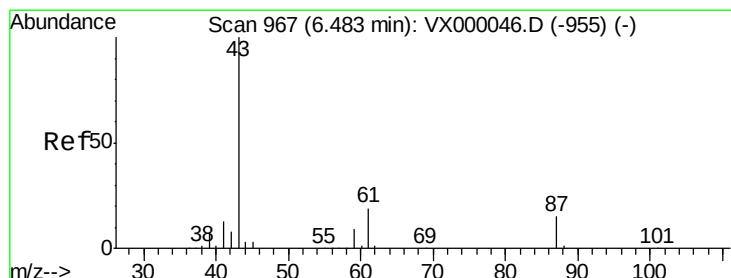
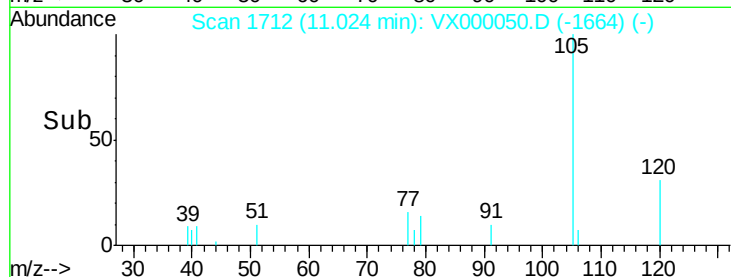
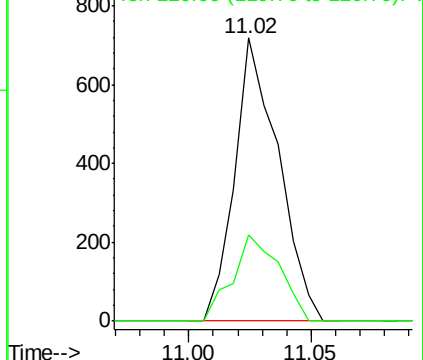
105 100

120 32.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.02 ug/l

RT: 6.51 min Scan# 971

Delta R.T. 0.02 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Tgt Ion: 43 Resp: 51

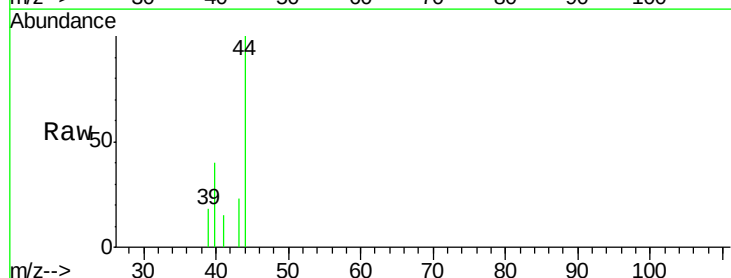
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 0.0 15.9 23.9#

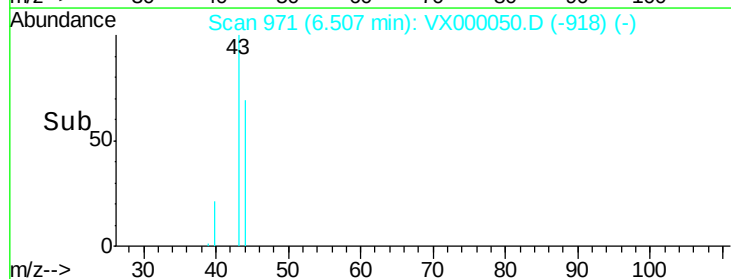
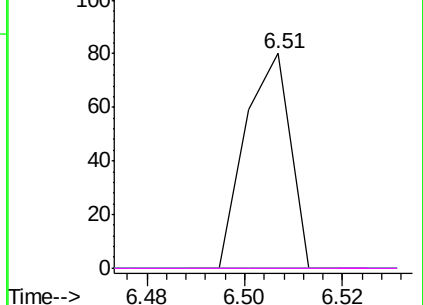


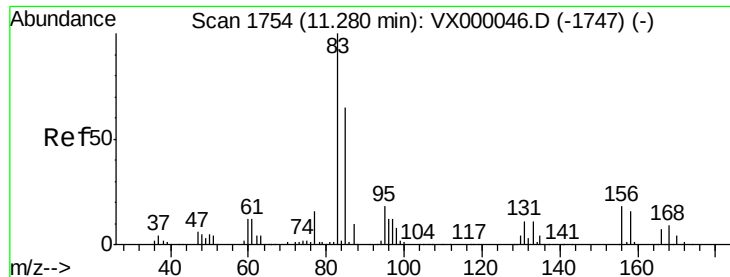
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.01 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

Instrument :

ClientSampleId :

VX0209WBL01

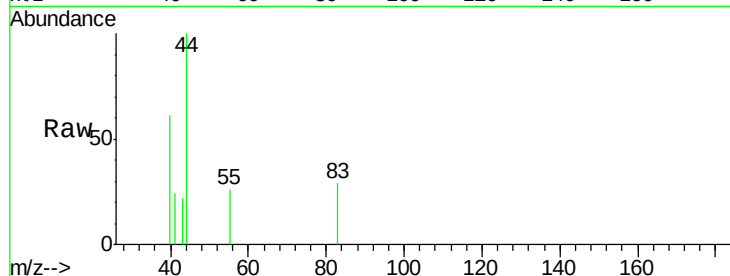
Tgt Ion: 83 Resp: 26

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

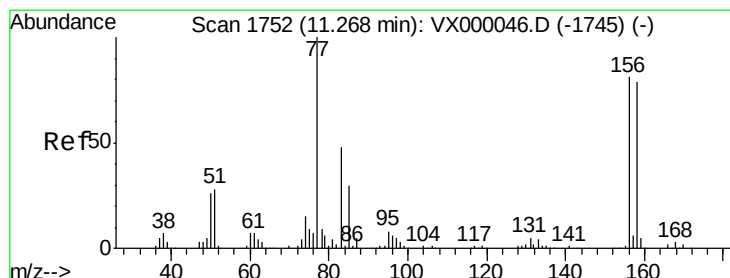
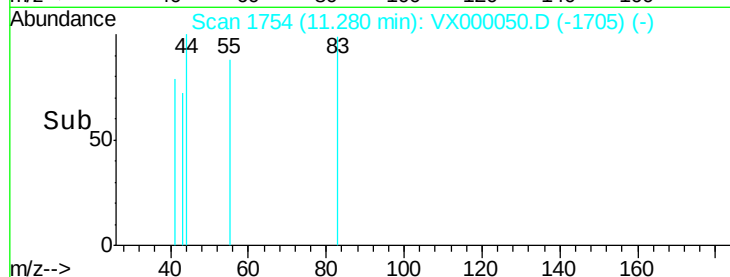
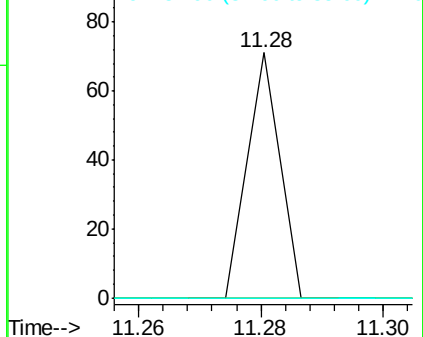
85 0.0 32.6 97.7#



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



#77

Bromobenzene

Concen: 0.13 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX000050.D

Acq: 09 Feb 2018 18:56

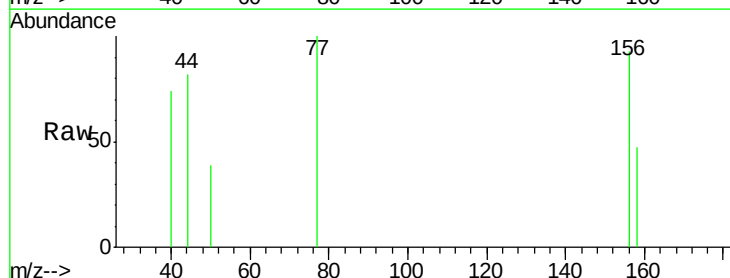
Tgt Ion: 156 Resp: 238

Ion Ratio Lower Upper

156 100

77 141.2 66.2 198.6

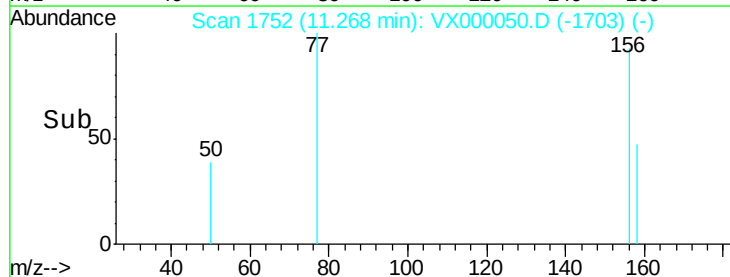
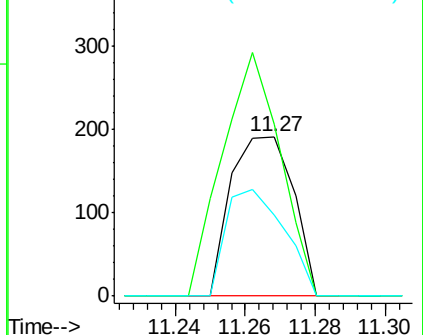
158 62.2 48.6 145.9

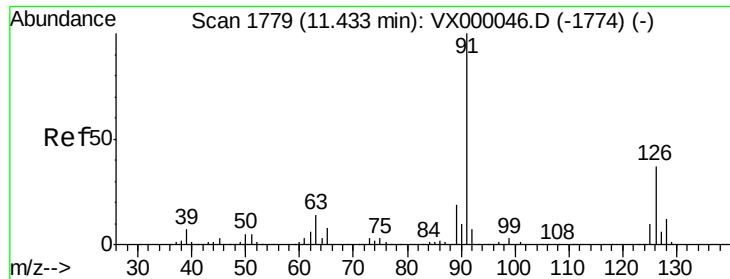


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

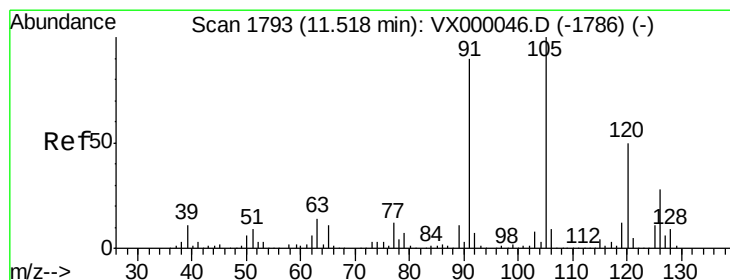
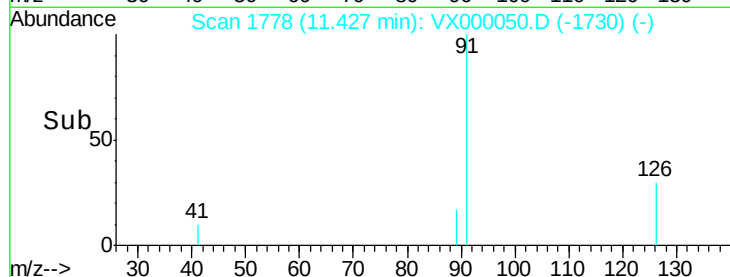
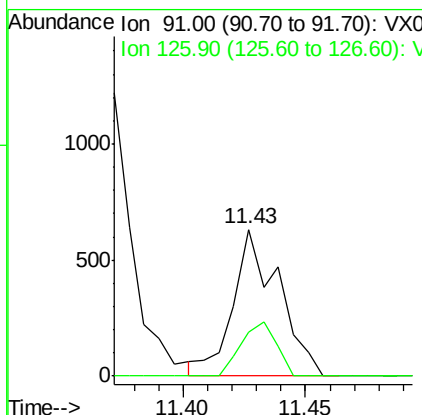
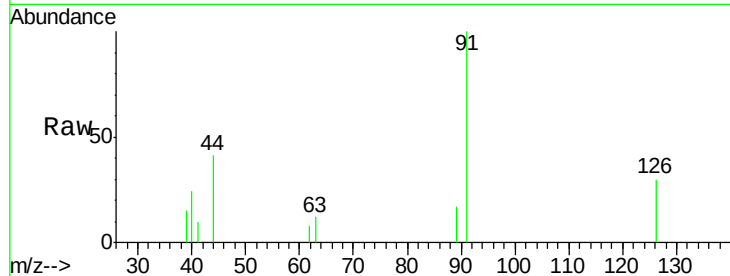




#79
 2-Chlorotoluene
 Concen: 0.18 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

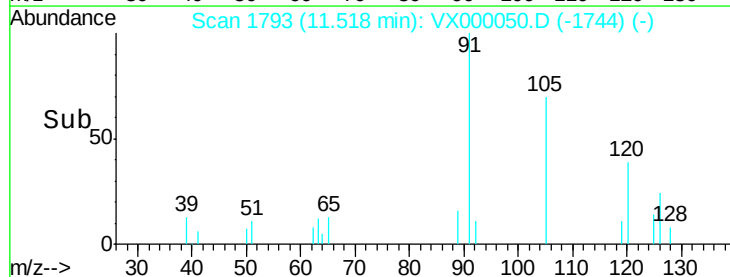
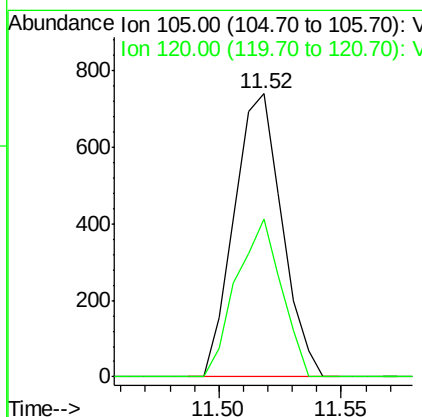
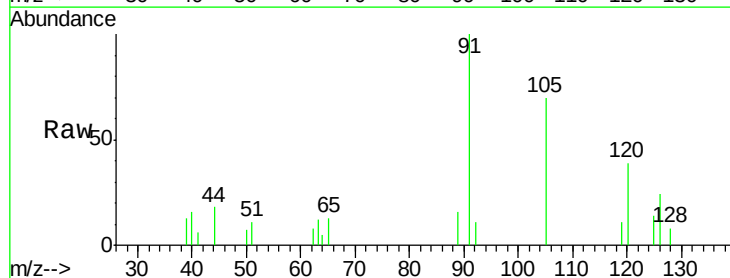
Instrument :
 ClientSampled :
 VX0209WBL01

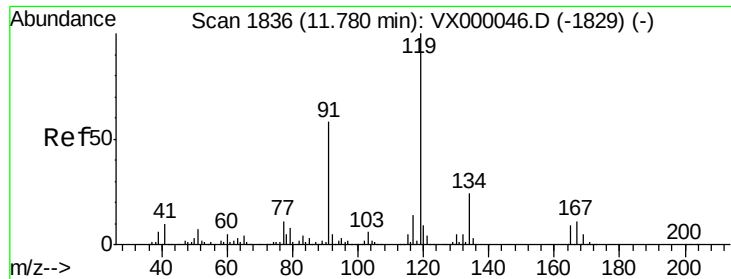
Tgt Ion: 91 Resp: 819
 Ion Ratio Lower Upper
 91 100
 126 28.7 18.2 54.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.18 ug/l
 RT: 11.52 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion: 105 Resp: 1003
 Ion Ratio Lower Upper
 105 100
 120 52.7 24.8 74.3

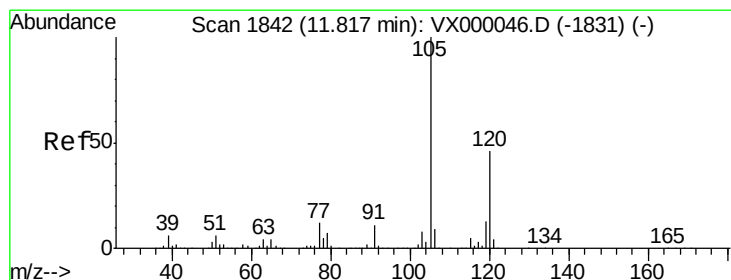
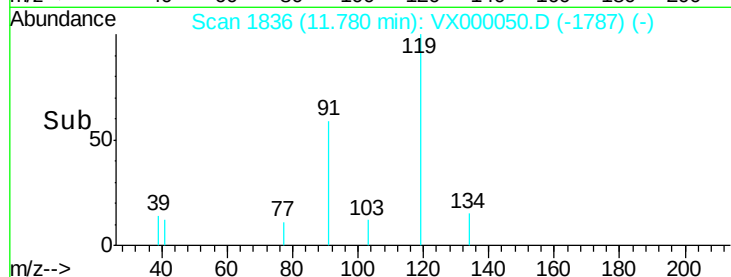
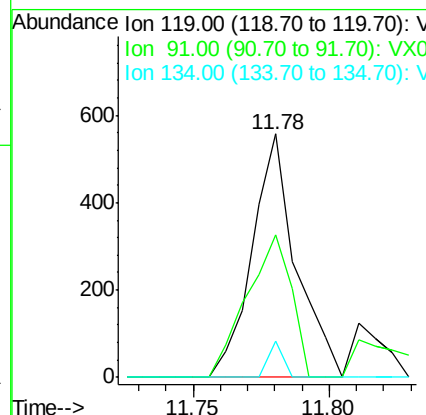
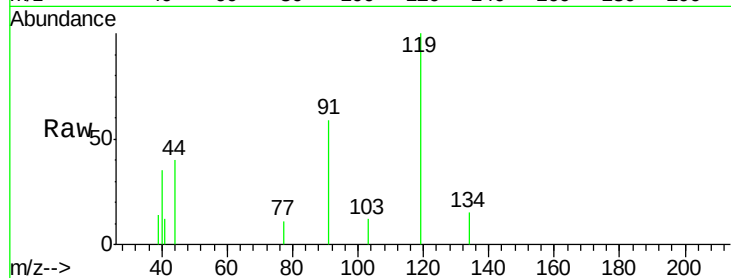




#83
 tert-Butylbenzene
 Concen: 0.11 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

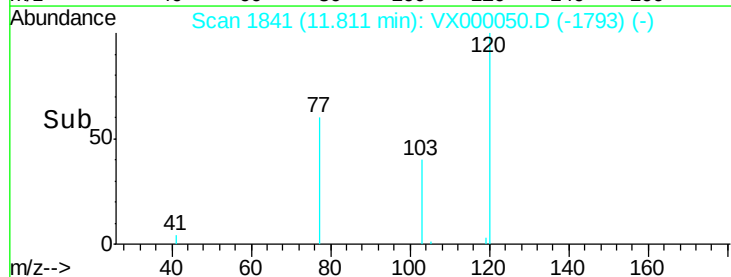
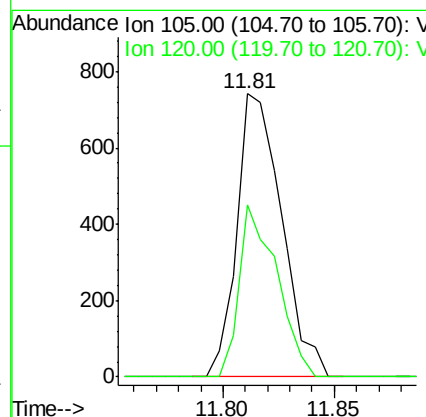
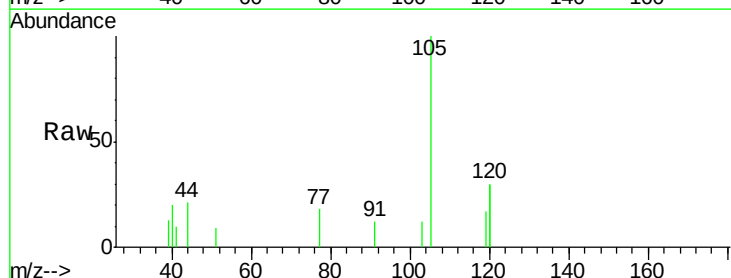
Instrument :
 ClientSampleId :
 VX0209WBL01

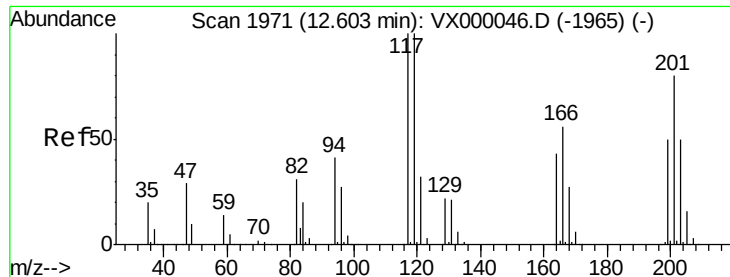
Tgt Ion:119 Resp: 624
 Ion Ratio Lower Upper
 119 100
 91 59.3 27.9 83.7
 134 4.8 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.18 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion:105 Resp: 1041
 Ion Ratio Lower Upper
 105 100
 120 50.9 23.4 70.2

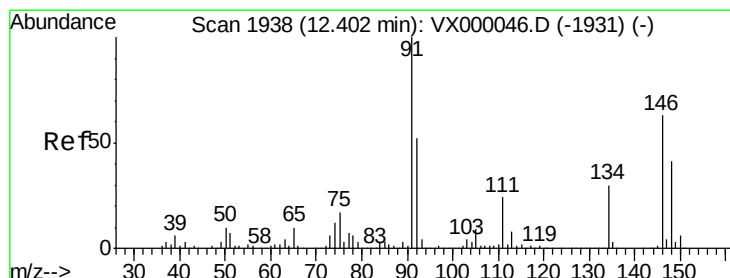
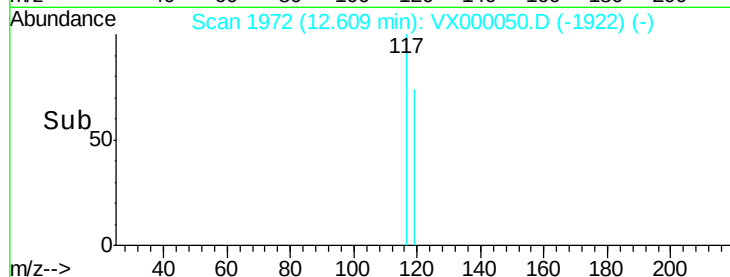
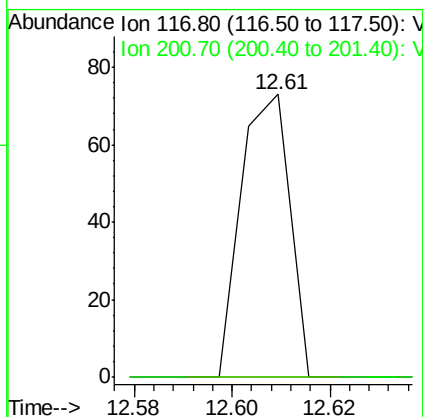
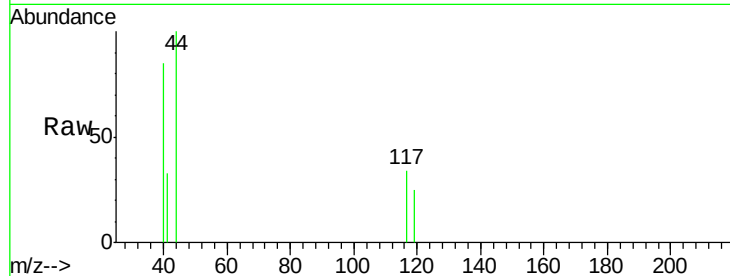




#90
 Hexachloroethane
 Concen: 0.05 ug/l
 RT: 12.61 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

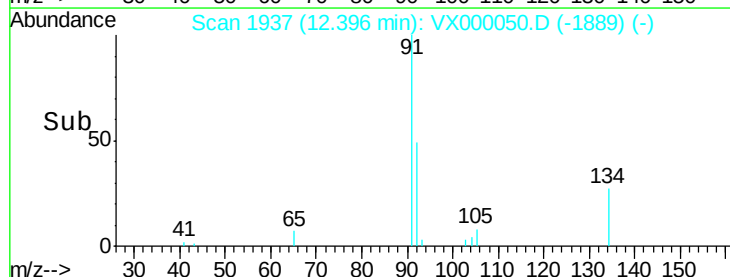
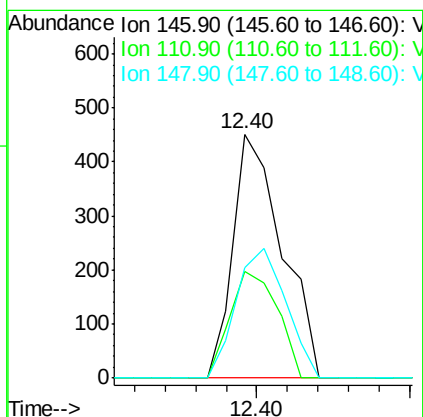
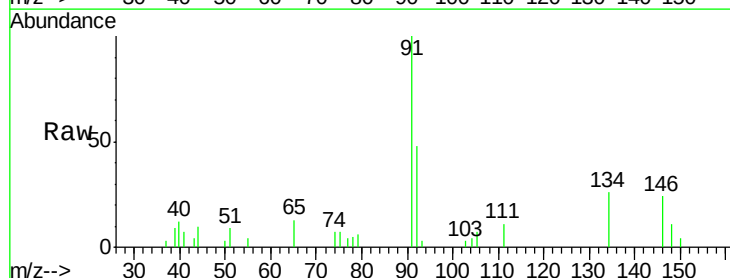
Instrument :
 ClientSampled :
 VX0209WBL01

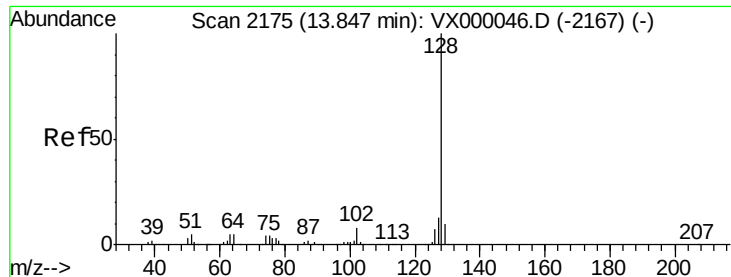
Tgt Ion:117 Resp: 50
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.5 130.7#



#91
 1,2-Dichlorobenzene
 Concen: 0.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Tgt Ion:146 Resp: 500
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.4 58.2
 148 54.0 32.0 96.2

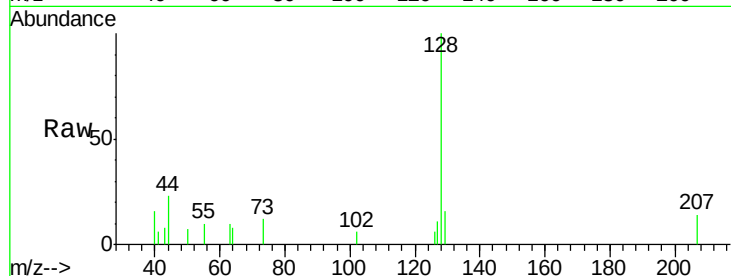




#95
 Naphthalene
 Concen: 0.13 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: VX000050.D
 Acq: 09 Feb 2018 18:56

Instrument :
 ClientSampleId :
 VX0209WBL01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	10.3	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

