

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000623.D
 Acq On : 01 Apr 2018 04:54
 Operator : JC/MD
 Sample : J2132-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:28:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	129177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	84726	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.51	113	64675	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.73	98	300701	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.15	95	134494	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.30	85	805	0.565	ug/l 85
3) Chloromethane	1.30	50	7125	4.751	ug/l # 59
6) Chloroethane	1.79	64	3846	1.200	ug/l # 1
10) Methyl Iodide	2.53	142	76	4.320	ug/l # 37
11) Tert butyl alcohol	3.07	59	1187	2.046	ug/l # 72
13) Acrolein	2.27	56	26615	149.912	ug/l # 1
14) Allyl chloride	2.78	41	51650	20.827	ug/l # 62
15) Acrylonitrile	3.17	53	49163	41.850	ug/l # 39
16) Acetone	2.45	43	59788	42.623	ug/l 99
17) Carbon Disulfide	2.57	76	793	0.228	ug/l # 76
18) Methyl Acetate	2.85	43	654184	222.453	ug/l # 51
20) Methylene Chloride	2.79	84	19464	12.014	ug/l # 16
23) Vinyl Acetate	3.82	43	7039	1.696	ug/l # 72
24) 1,1-Dichloroethane	3.67	63	750	0.273	ug/l # 83
25) 2-Butanone	4.72	43	32619	20.688	ug/l 95
27) cis-1,2-Dichloroethene	4.60	96	1607	1.101	ug/l 80
29) Tetrahydrofuran	5.18	42	297	0.306	ug/l # 50
30) Chloroform	5.28	83	25783	9.997	ug/l # 29
31) Cyclohexane	5.59	56	314313	147.746	ug/l 94
36) 1,1-Dichloropropene	5.67	75	10643	5.130	ug/l # 51
37) Ethyl Acetate	4.92	43	1616	0.570	ug/l # 5
38) Carbon Tetrachloride	5.67	117	12946	5.948	ug/l # 16
39) Methylcyclohexane	7.47	83	236068	93.567	ug/l 95
40) Benzene	6.15	78	129747	21.536	ug/l 98
41) Methacrylonitrile	5.06	41	4849	3.246	ug/l # 49
42) 1,2-Dichloroethane	6.26	62	610	0.258	ug/l # 1
43) Isopropyl Acetate	6.46	43	9981	2.366	ug/l # 63
44) Trichloroethene	7.22	130	895	0.519	ug/l 80
45) 1,2-Dichloropropane	7.47	63	3639	2.360	ug/l # 1
46) Dibromomethane	7.63	93	366	0.302	ug/l # 1
47) Bromodichloromethane	7.85	83	2074	0.974	ug/l # 85
48) Methyl methacrylate	7.74	41	21257	10.380	ug/l # 51
51) 4-Methyl-2-Pentanone	8.66	43	6725	2.060	ug/l # 86
52) Toluene	8.79	92	453386	107.648	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

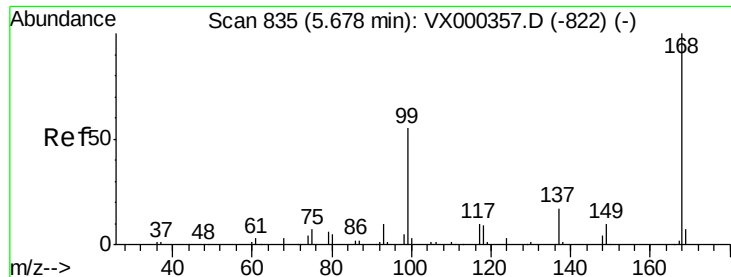
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:28:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

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

55) 1,1,2-Trichloroethane	9.27	97	1057	0.610	ug/l #	31
56) Ethyl methacrylate	9.17	69	5418	2.064	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.37	63	257	0.204	ug/l #	46
59) 2-Hexanone	9.52	43	5327	1.921	ug/l	95
60) Dibromochloromethane	9.35	129	125	4.173	ug/l #	12
67) Ethyl Benzene	10.26	91	5718191	639.623	ug/l	97
68) m/p-Xylenes	10.37	106	2371818	674.220	ug/l	93
69) o-Xylene	10.71	106	231291	67.904	ug/l	97
70) Styrene	10.71	104	16707	2.964	ug/l #	1
73) Isopropylbenzene	11.02	105	494120	43.361	ug/l	100
74) N-amyl acetate	6.46	43	9981	Below Cal	#	61
76) 1,2,3-Trichloropropane	11.37	75	7142	1.932	ug/l #	1
78) n-propylbenzene	11.37	91	1125727	82.847	ug/l	100
79) 2-Chlorotoluene	11.44	91	253412	32.283	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1081565	112.877	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.15	75	67376	59.014	ug/l #	9
82) 4-Chlorotoluene	11.51	91	118363	12.629	ug/l #	44
83) tert-Butylbenzene	11.77	119	10443	1.081	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	1662144	165.454	ug/l	97
85) sec-Butylbenzene	11.96	105	84674	7.081	ug/l	100
86) p-Isopropyltoluene	12.07	119	34505	3.249	ug/l #	73
89) n-Butylbenzene	12.40	91	150703	15.242	ug/l #	32
90) Hexachloroethane	12.71	117	188291	112.648	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.02	75	3149	2.801	ug/l #	1
95) Naphthalene	13.85	128	2710617	192.880	ug/l	100

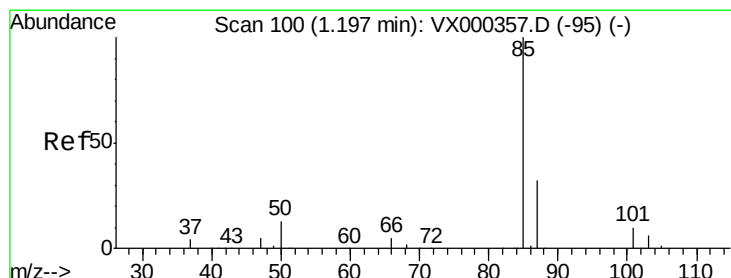
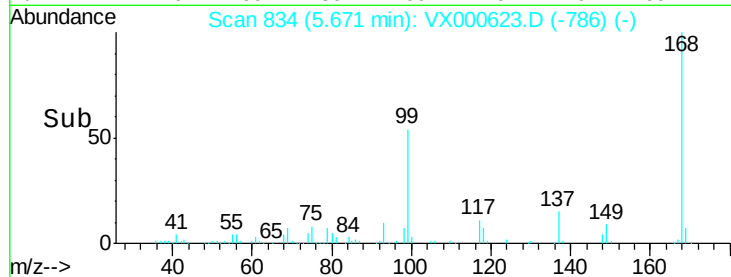
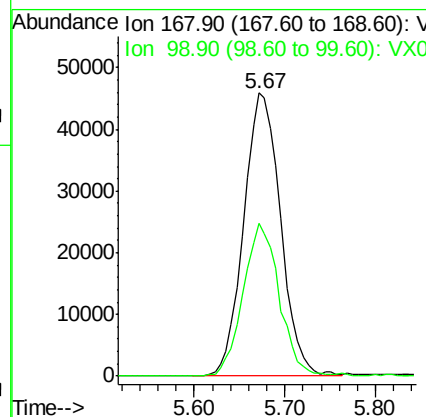
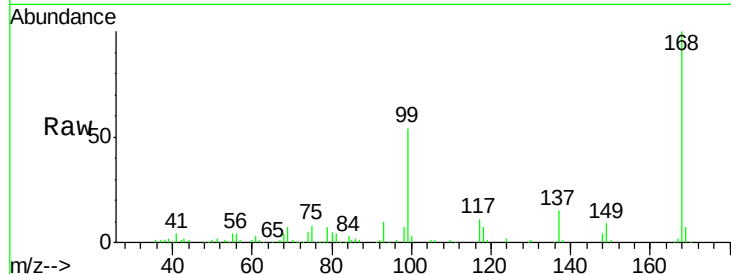
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

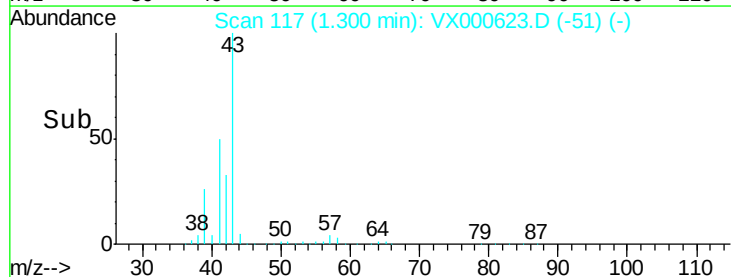
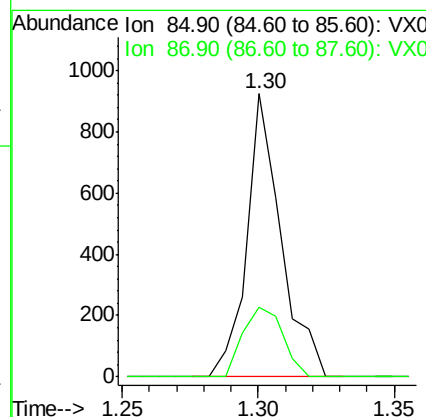
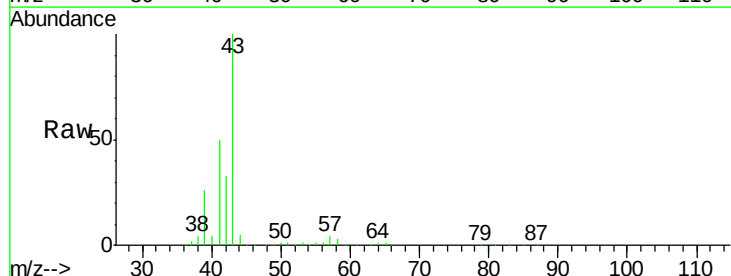
Instrument :
MSVOA_X
ClientSampled :

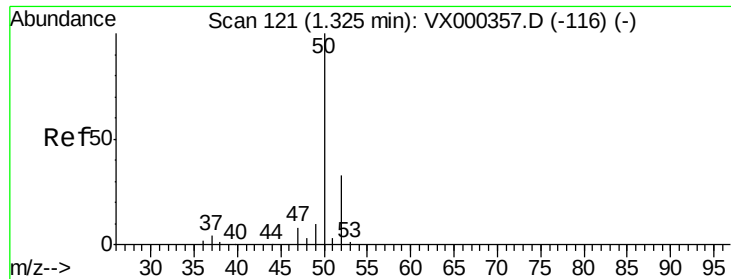
Tot Ion:168 Resp: 129177
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.565 ug/l
RT: 1.30 min Scan# 117
Delta R.T. 0.10 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 85 Resp: 805
Ion Ratio Lower Upper
85 100
87 24.8 16.8 50.3





#3

Chloromethane

Concen: 4.751 ug/l

RT: 1.30 min Scan# 117

Delta R.T. -0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

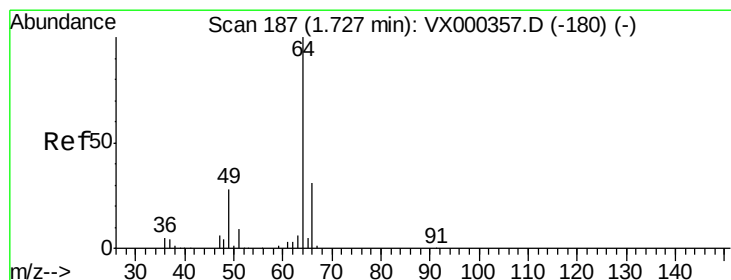
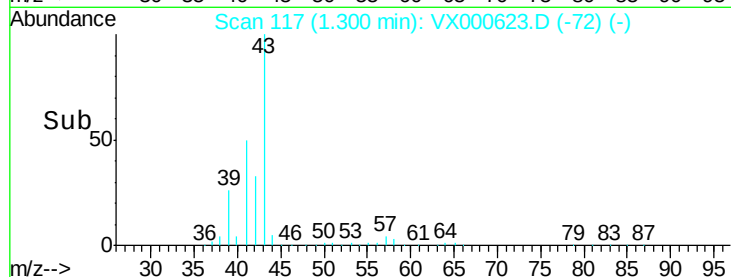
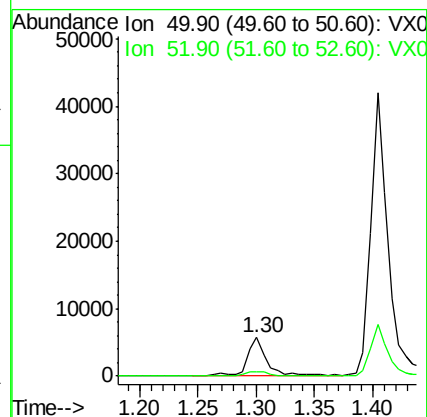
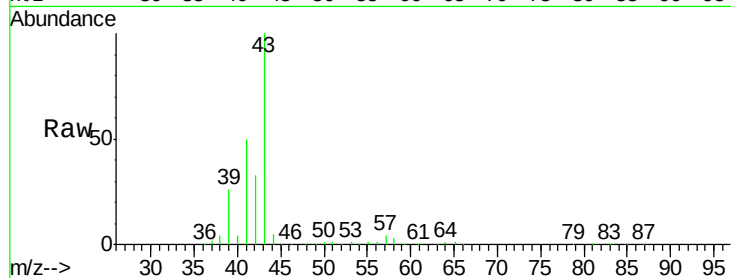
ClientSampleId :

Tot Ion: 50 Resp: 7125

Ion Ratio Lower Upper

50 100

52 10.8 27.5 41.3#



#6

Chloroethane

Concen: 1.200 ug/l

RT: 1.79 min Scan# 198

Delta R.T. 0.07 min

Lab File: VX000623.D

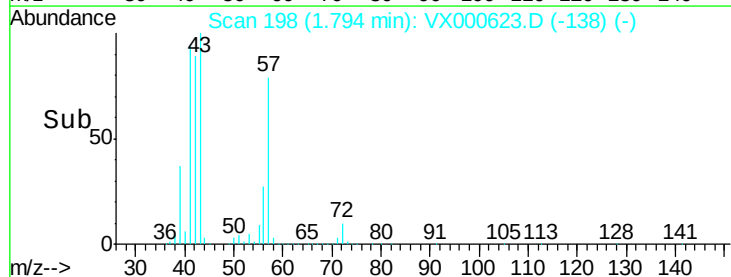
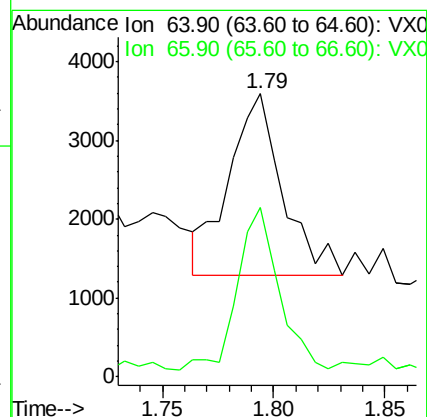
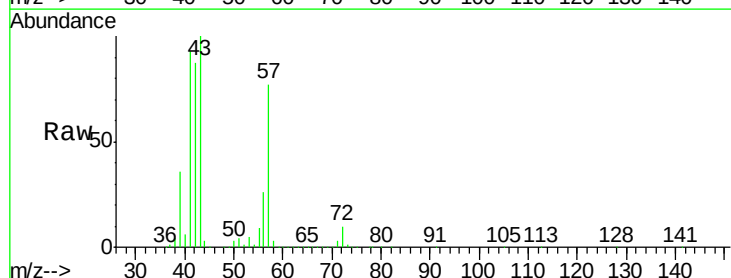
Acq: 01 Apr 2018 04:54

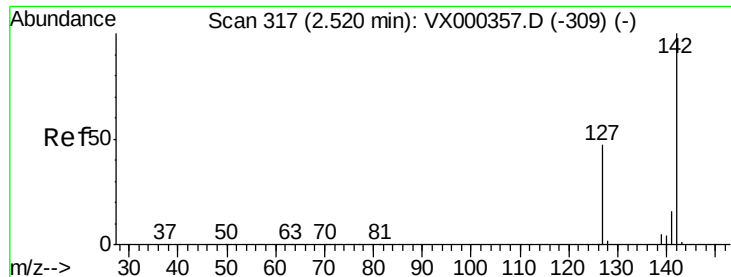
Tgt Ion: 64 Resp: 3846

Ion Ratio Lower Upper

64 100

66 85.7 24.8 37.2#

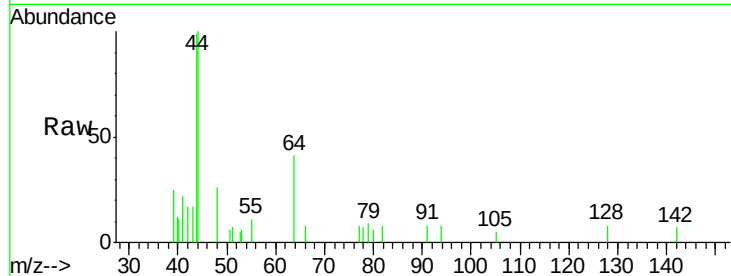




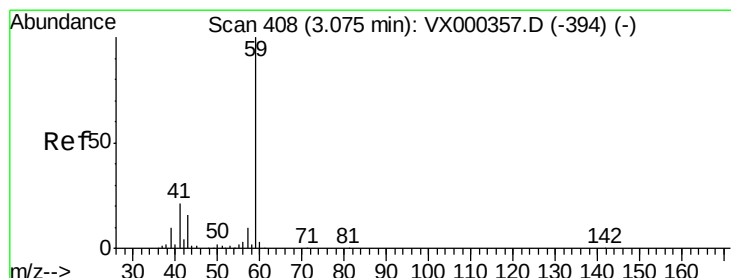
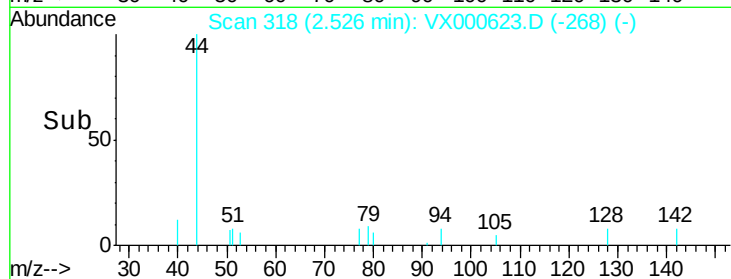
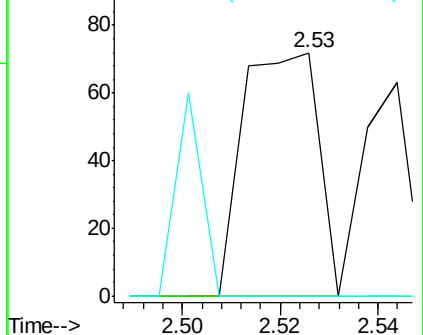
#10
Methyl Iodide
Concen: 4.320 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 76
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

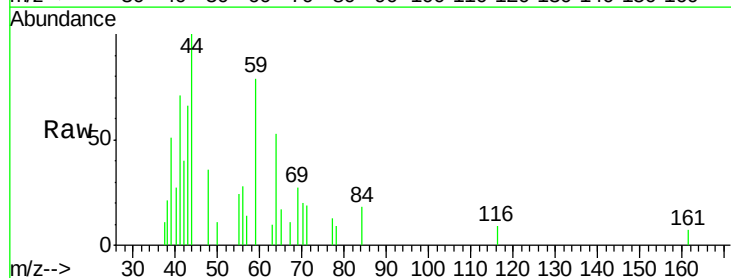


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

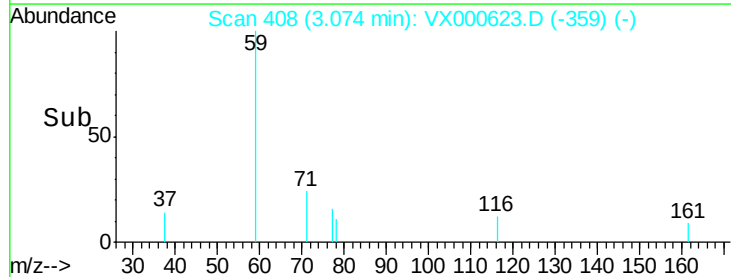
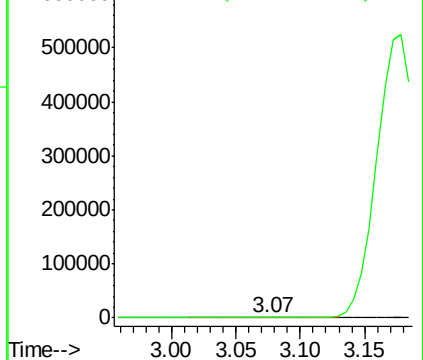


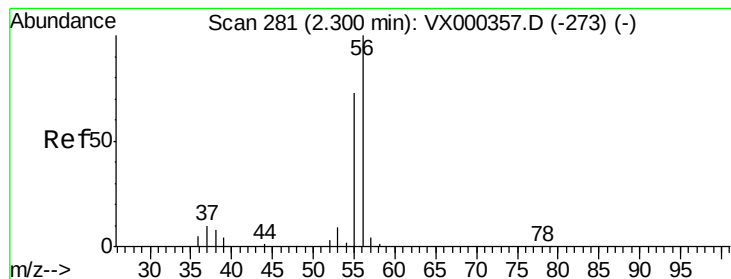
#11
Tert butyl alcohol
Concen: 2.046 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 59 Resp: 1187
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 149.912 ug/l

RT: 2.27 min Scan# 276

Delta R.T. -0.03 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

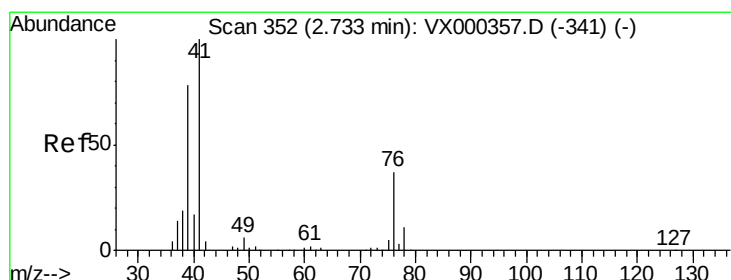
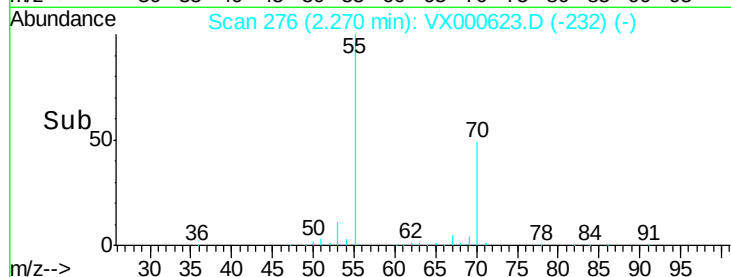
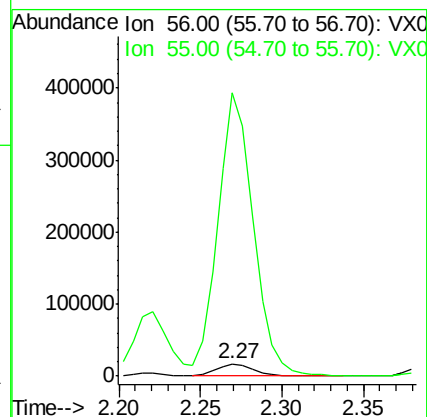
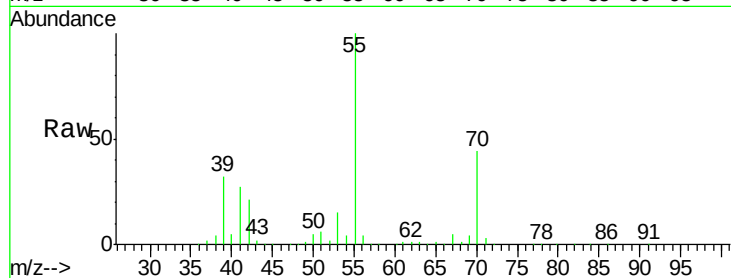
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 26615

Ion Ratio Lower Upper

56 100

55 2232.6 58.8 88.2#



#14

Allyl chloride

Concen: 20.827 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.05 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

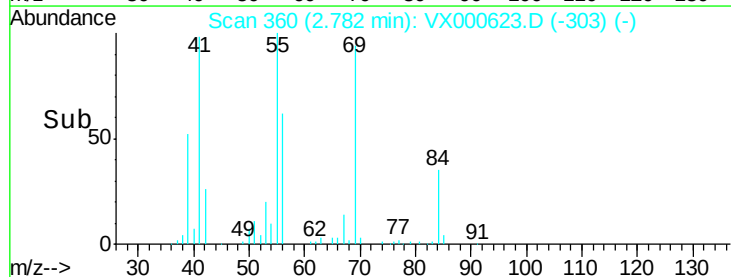
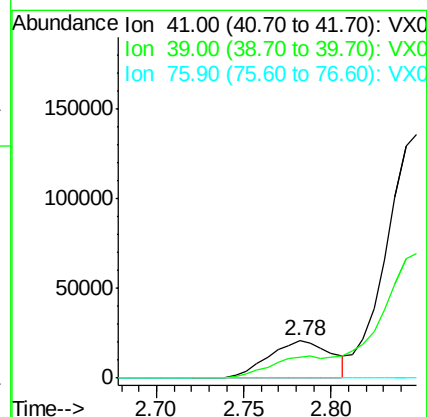
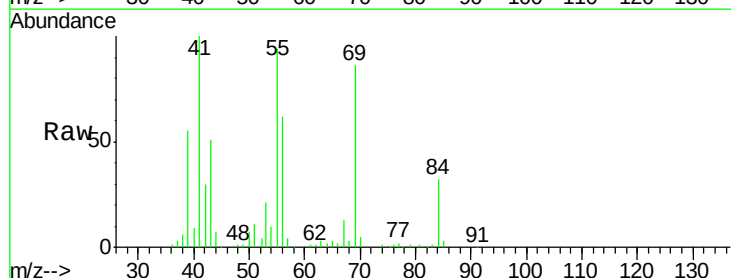
Tgt Ion: 41 Resp: 51650

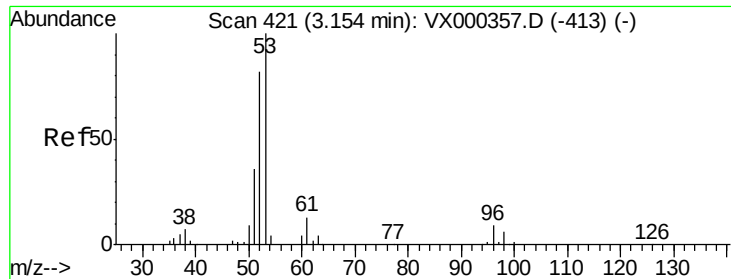
Ion Ratio Lower Upper

41 100

39 48.6 57.6 86.4#

76 0.6 27.3 40.9#





#15

Acrylonitrile

Concen: 41.850 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

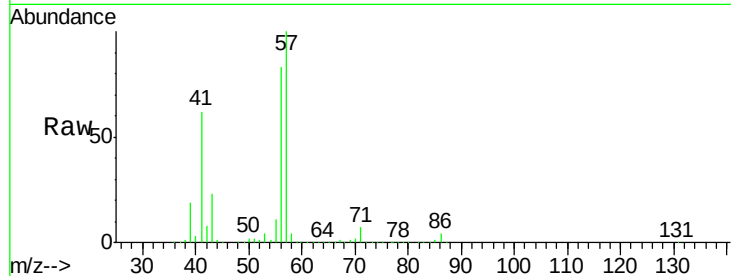
Tot Ion: 53 Resp: 49163

Ion Ratio Lower Upper

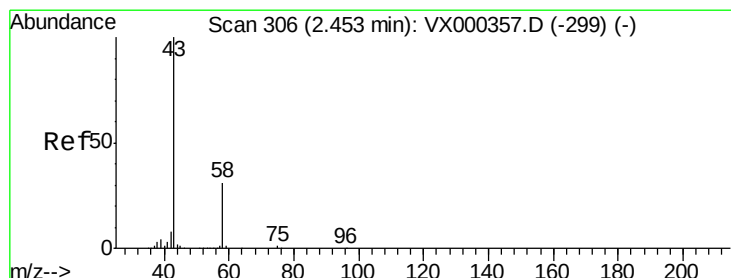
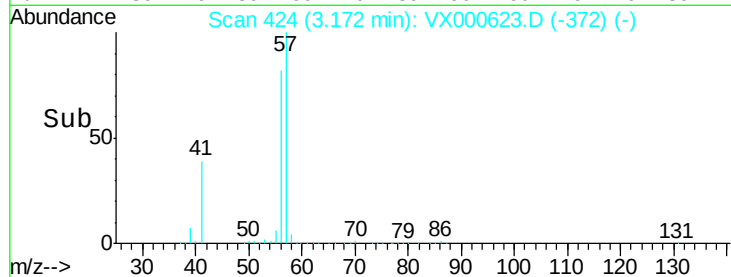
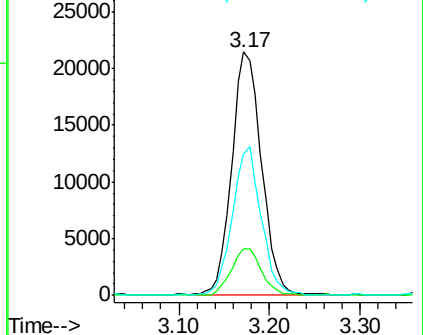
53 100

52 19.6 66.6 99.8#

51 59.1 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 42.623 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000623.D

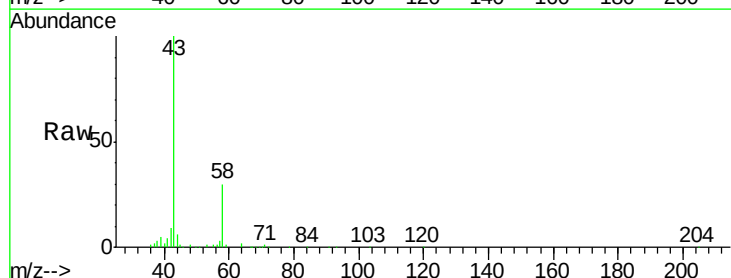
Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 59788

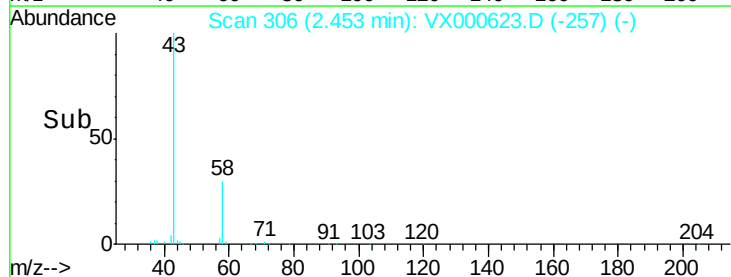
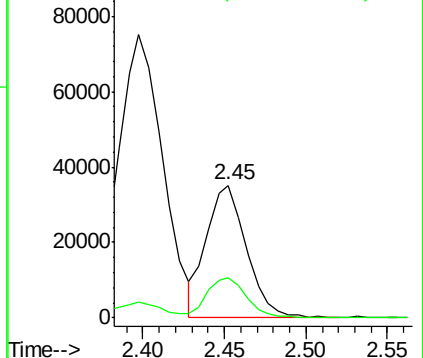
Ion Ratio Lower Upper

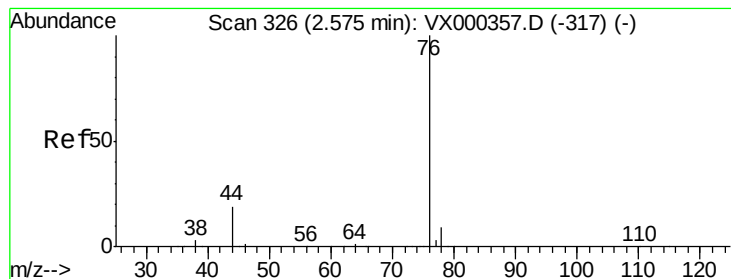
43 100

58 30.2 24.7 37.1



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





#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

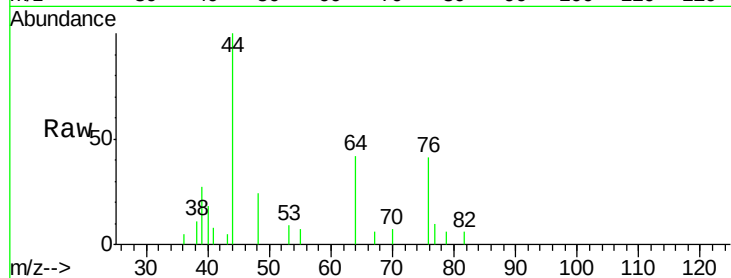
ClientSampleId :

Tot Ion: 76 Resp: 793

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600

500

400

300

200

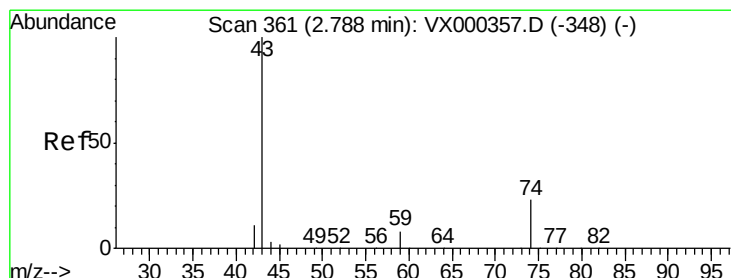
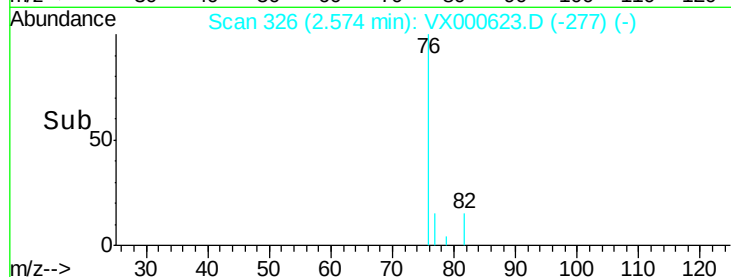
100

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 222.453 ug/l

RT: 2.85 min Scan# 371

Delta R.T. 0.06 min

Lab File: VX000623.D

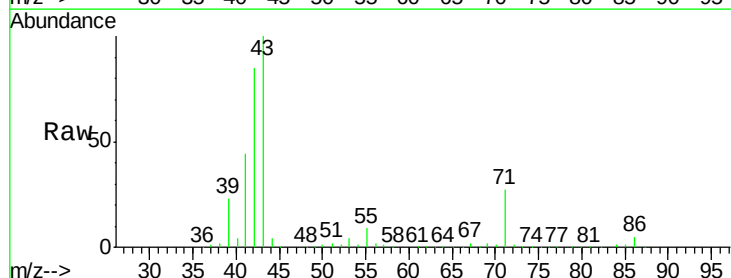
Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 654184

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

600000

400000

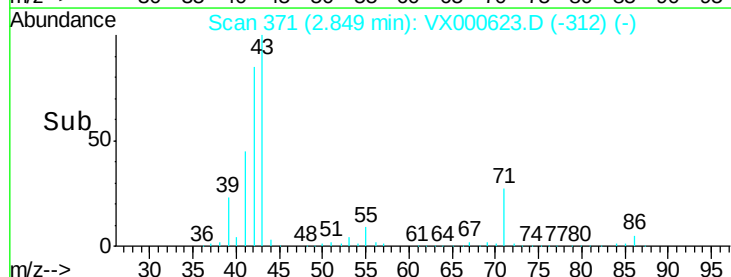
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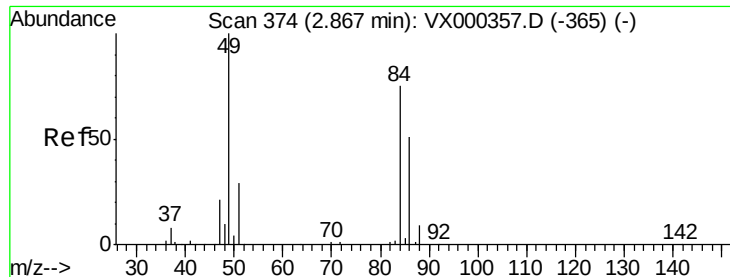
0

2.80

2.85

Time-->





#20

Methvlene Chloride

Concen: 12.014 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.08 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 84 Resp: 19464

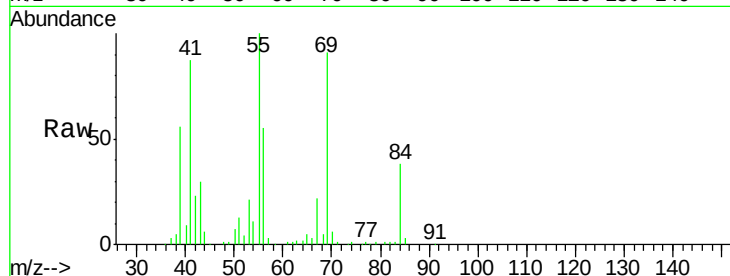
Ion Ratio Lower Upper

84 100

49 3.1 100.6 151.0#

51 33.0 31.6 47.4

86 0.0 52.6 78.8#

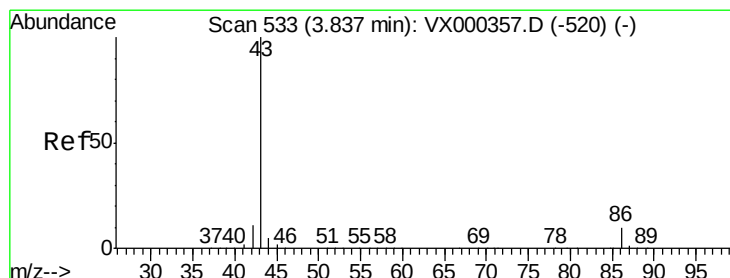
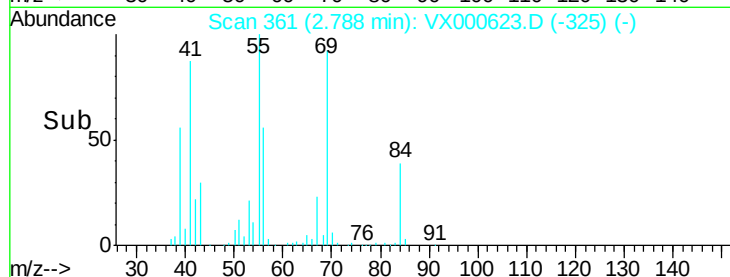
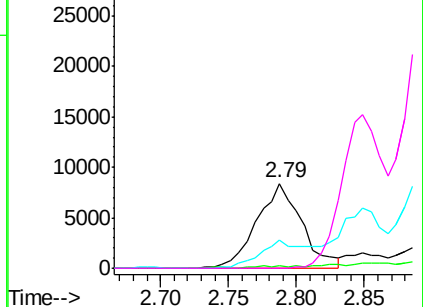


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#23

Vinyl Acetate

Concen: 1.696 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000623.D

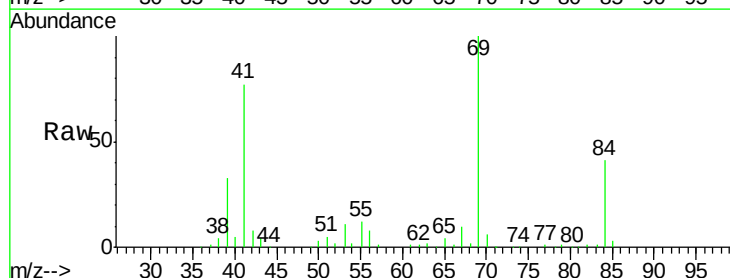
Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 7039

Ion Ratio Lower Upper

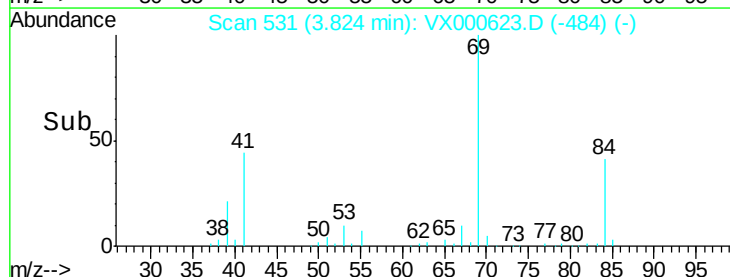
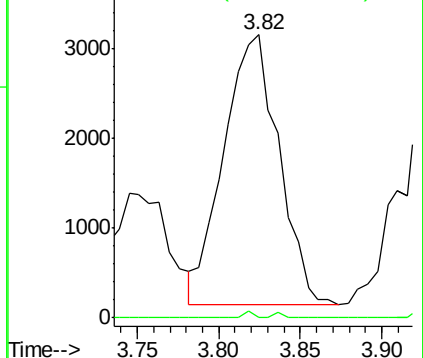
43 100

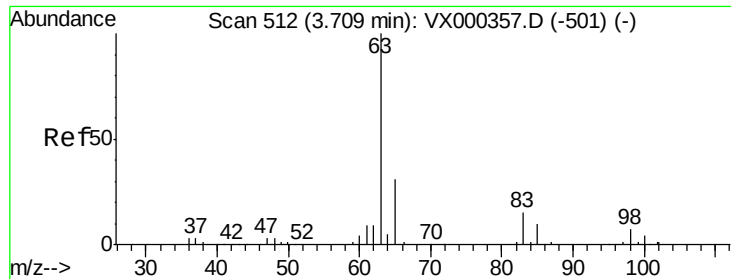
86 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

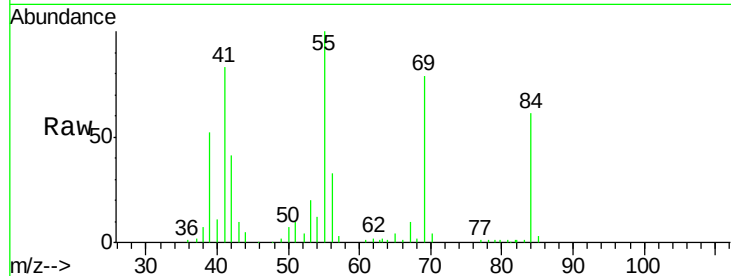




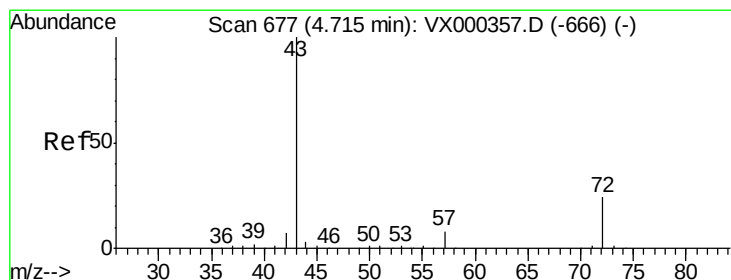
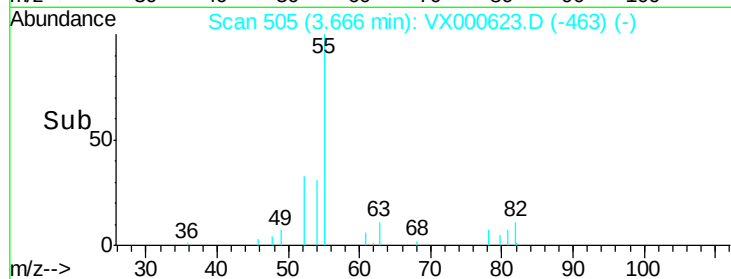
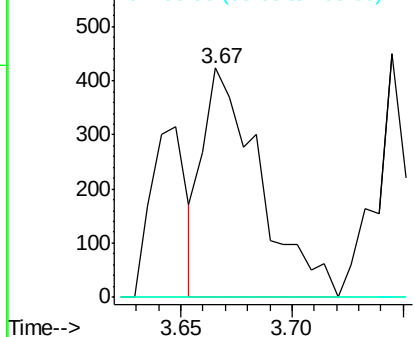
#24
 1,1-Dichloroethane
 Concen: 0.273 ug/l
 RT: 3.67 min Scan# 505
 Delta R.T. -0.04 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 63 Resp: 750
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.0 5.8#

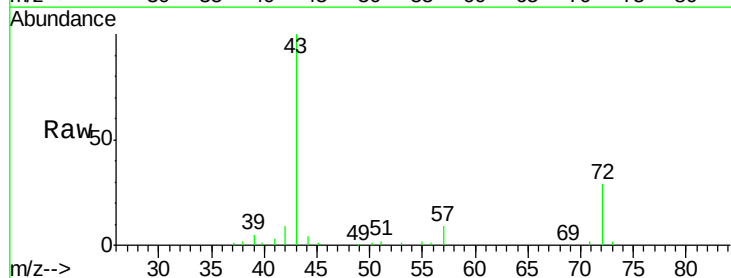


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0
 Ion 99.90 (99.60 to 100.60): VX0

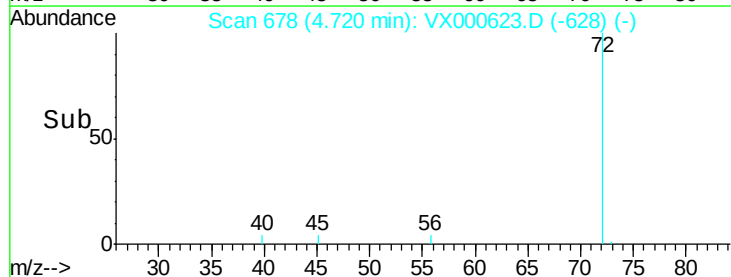
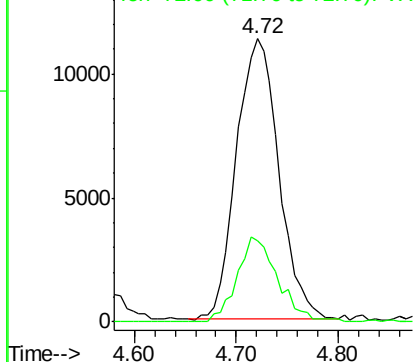


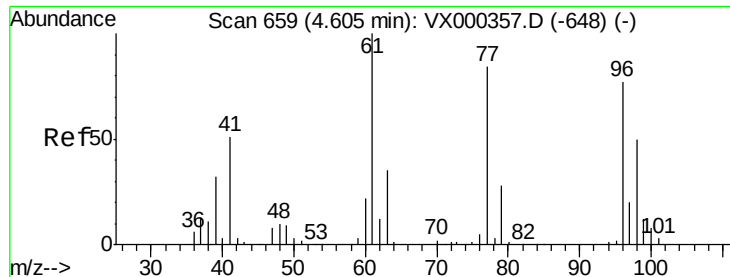
#25
 2-Butanone
 Concen: 20.688 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 32619
 Ion Ratio Lower Upper
 43 100
 72 28.9 21.0 31.6



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



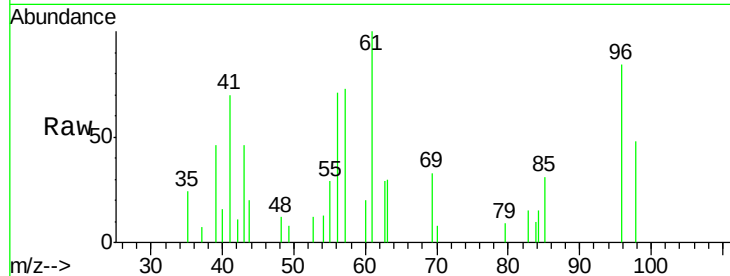


#27

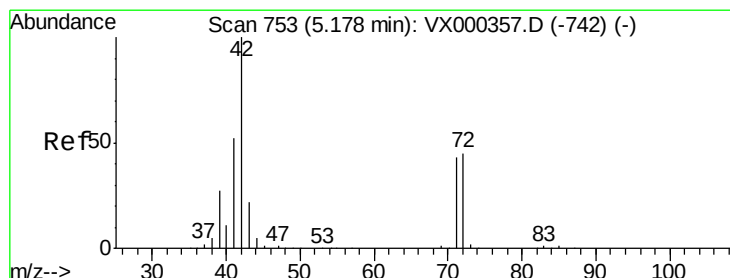
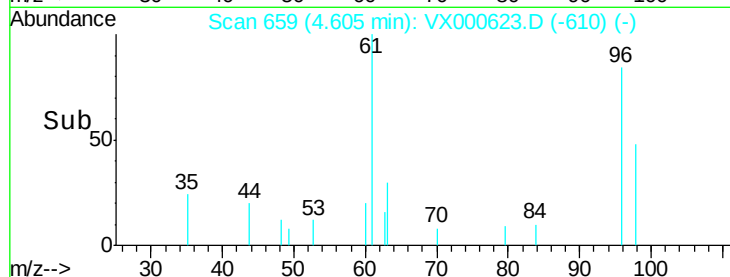
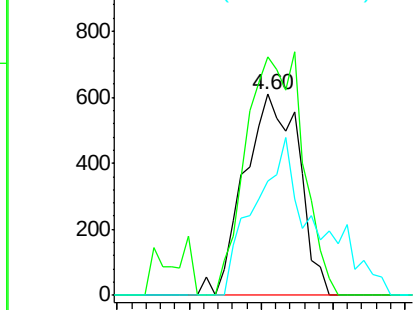
cis-1,2-Dichloroethene
Concen: 1.101 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 1607
Ion Ratio Lower Upper
96 100
61 125.1 0.0 291.6
98 88.6 0.0 132.0



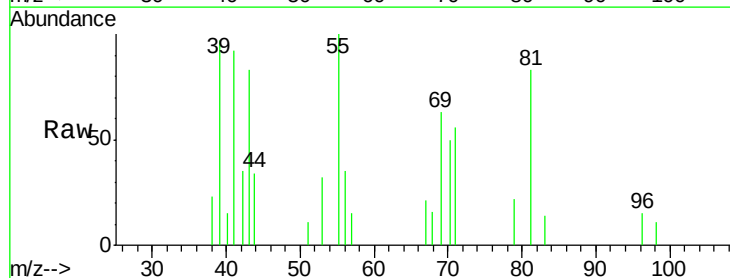
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



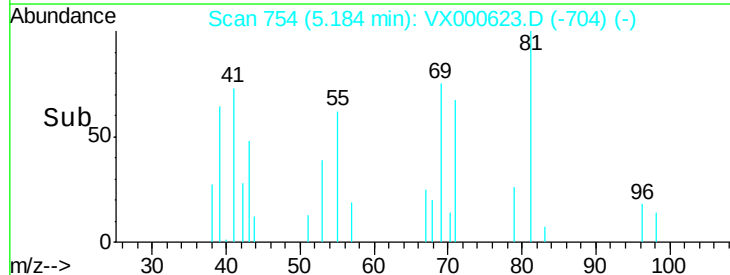
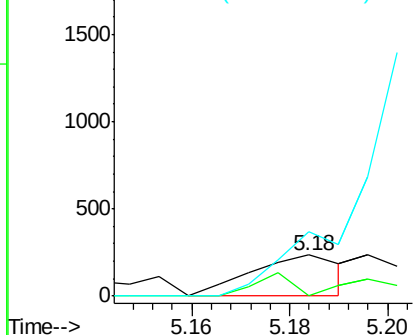
#29

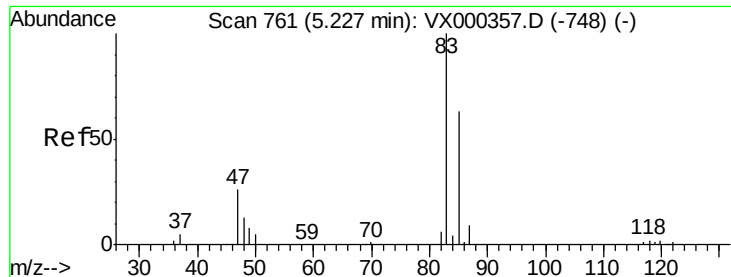
Tetrahydrofuran
Concen: 0.306 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 42 Resp: 297
Ion Ratio Lower Upper
42 100
72 23.9 37.9 56.9#
71 0.0 34.4 51.6#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 9.997 ug/l

RT: 5.28 min Scan# 769

Delta R.T. 0.05 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

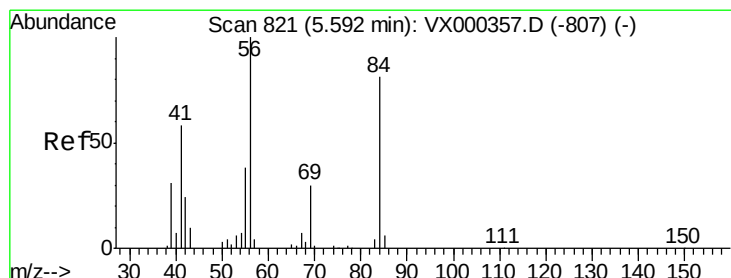
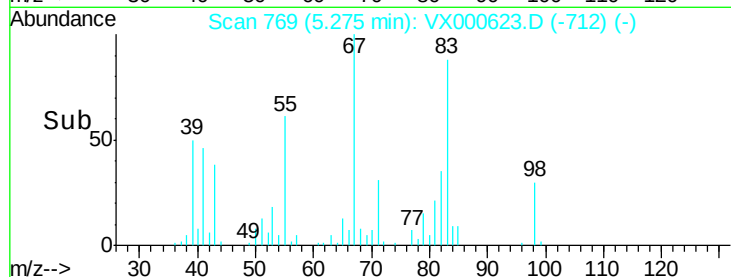
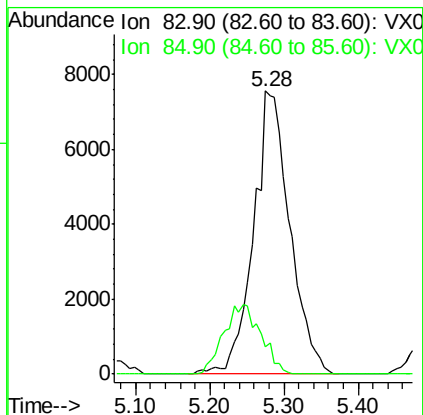
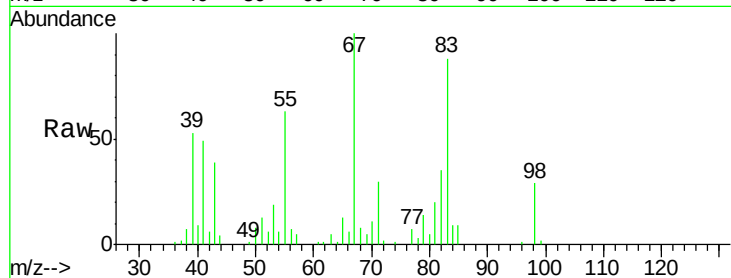
ClientSampleId :

Tot Ion: 83 Resp: 25783

Ion Ratio Lower Upper

83 100

85 9.8 53.3 79.9#



#31

Cyclohexane

Concen: 147.746 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

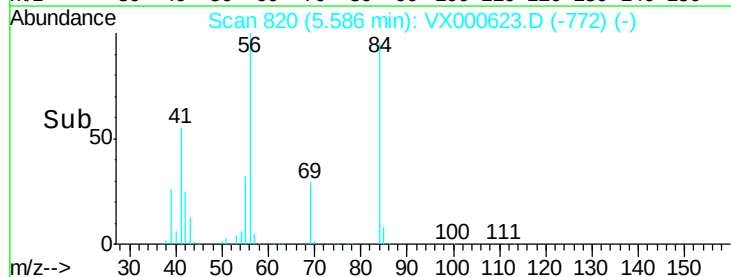
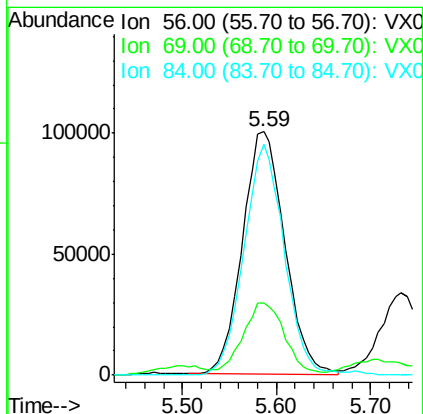
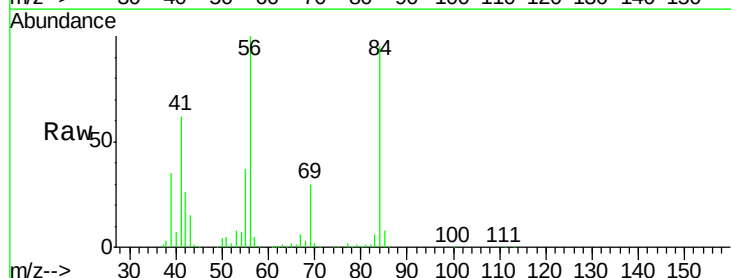
Tgt Ion: 56 Resp: 314313

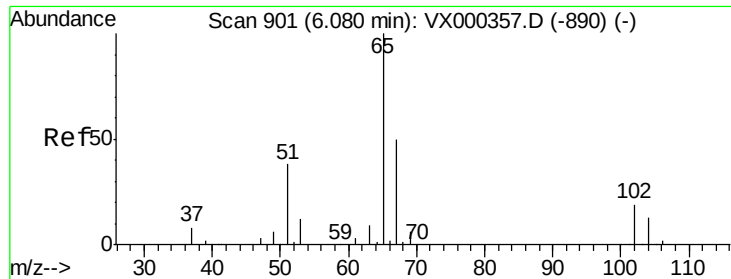
Ion Ratio Lower Upper

56 100

69 27.6 23.4 35.0

84 95.2 71.0 106.4

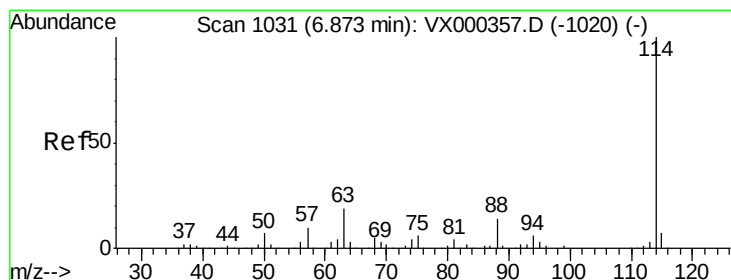
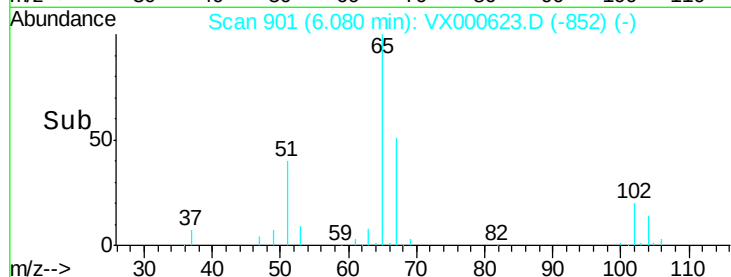
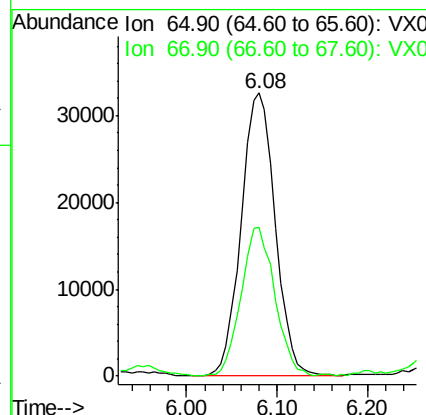
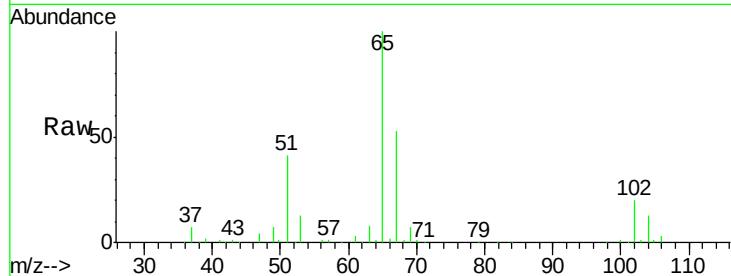




#33
 1,2-Dichloroethane-d4
 Concen: 50.246 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

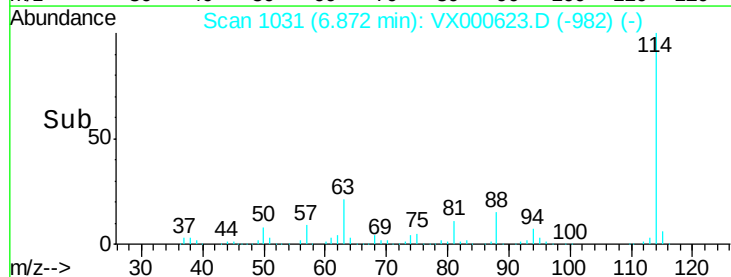
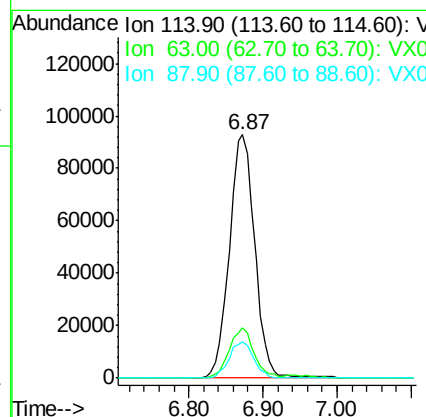
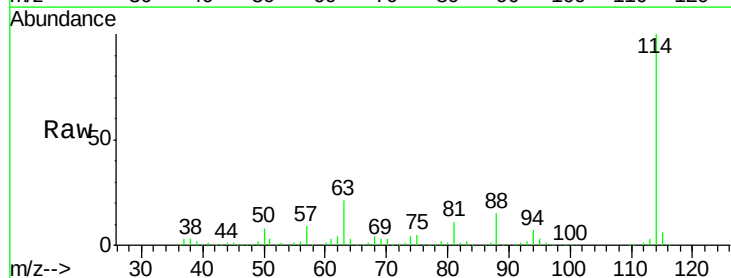
Instrument :
 MSVOA_X
 ClientSampleId :

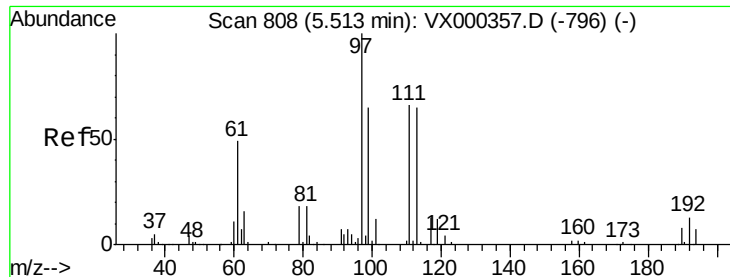
Tot Ion: 65 Resp: 84726
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion: 114 Resp: 221473
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 38.4
 88 14.7 0.0 27.0

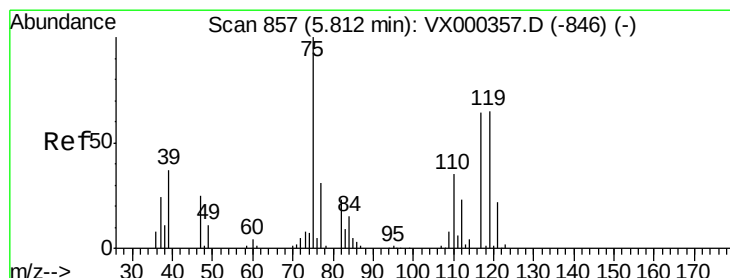
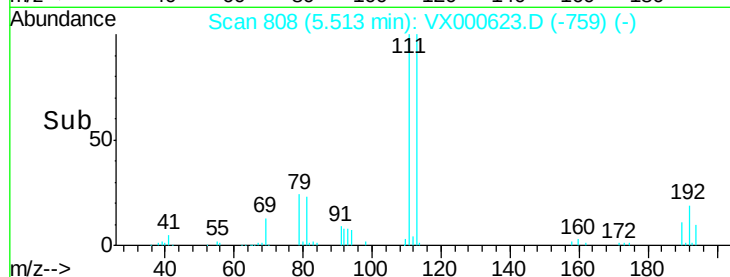
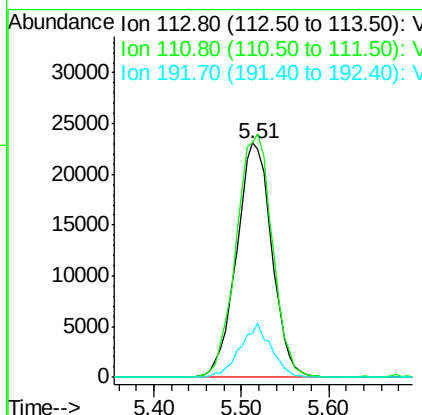
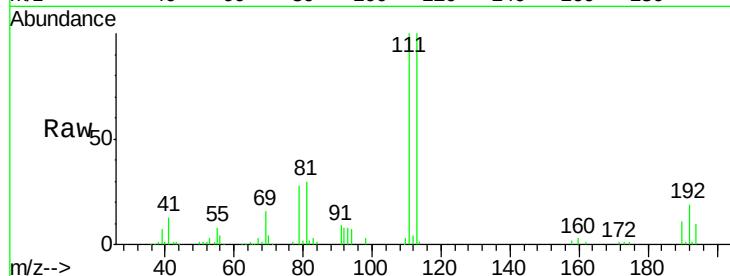




#35
 Dibromofluoromethane
 Concen: 46.346 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

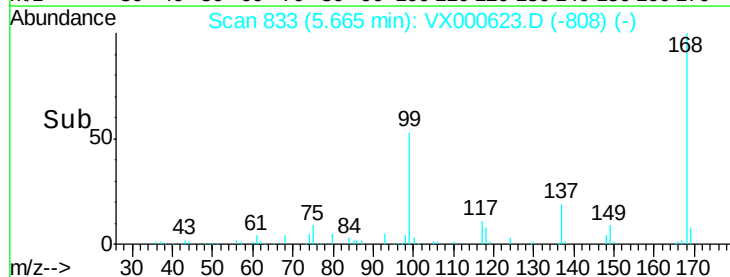
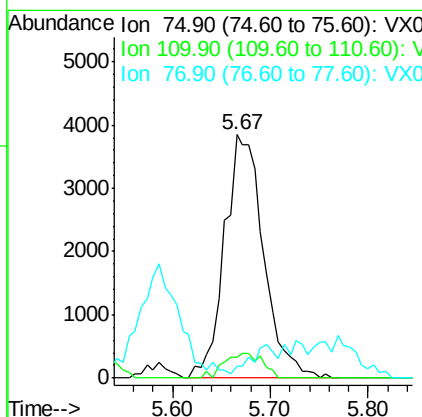
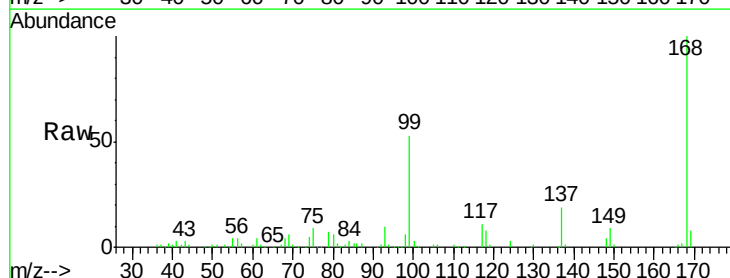
Instrument :
 MSVOA_X
 ClientSampleId :

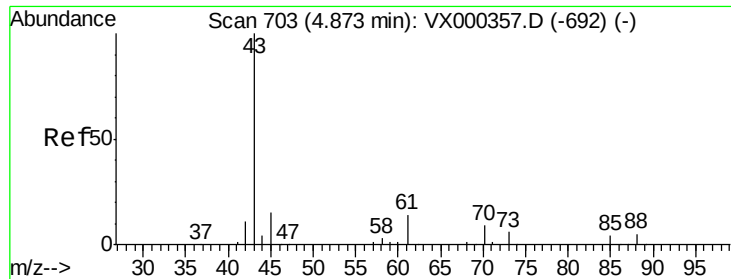
Tot Ion:113 Resp: 64675
 Ion Ratio Lower Upper
 113 100
 111 106.8 82.4 123.6
 192 20.4 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.130 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.15 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion: 75 Resp: 10643
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.9 53.7#
 77 0.0 24.0 36.0#





#37

Ethyl Acetate

Concen: 0.570 ug/l

RT: 4.92 min Scan# 710

Delta R.T. 0.04 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

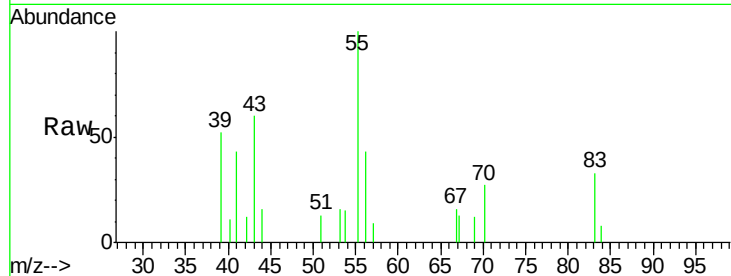
Tot Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

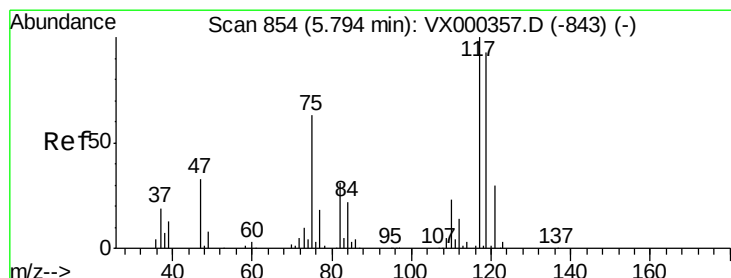
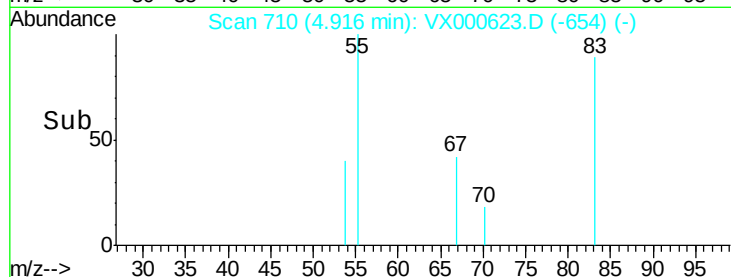
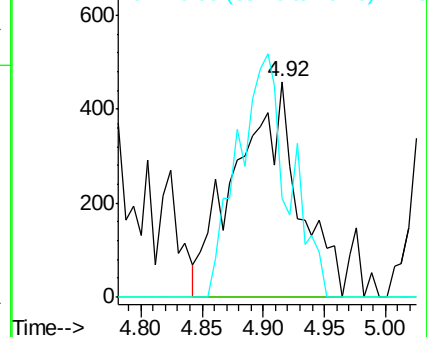
70 76.9 7.7 11.5#



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



#38

Carbon Tetrachloride

Concen: 5.948 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

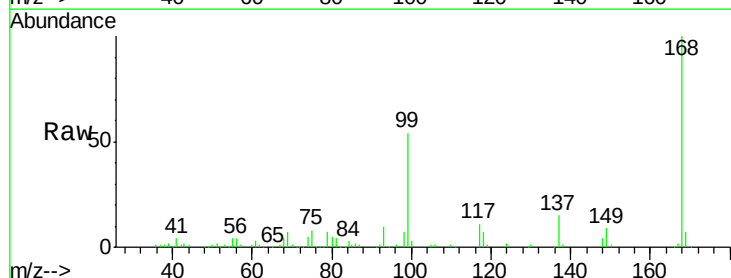
Tgt Ion: 117 Resp: 12946

Ion Ratio Lower Upper

117 100

119 5.8 77.4 116.2#

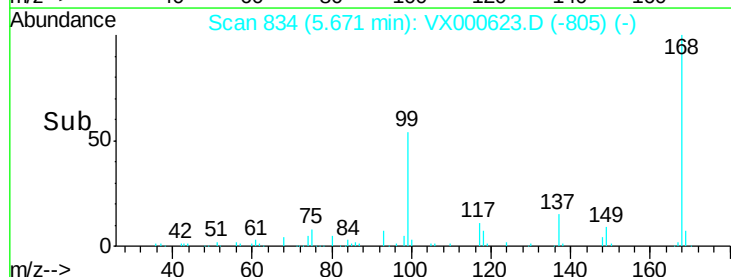
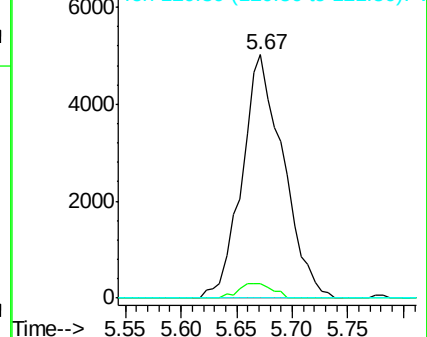
121 0.0 24.8 37.2#

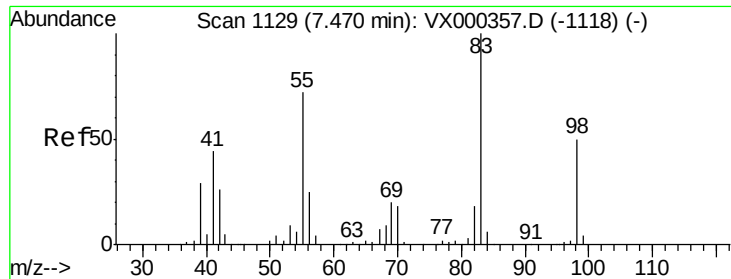


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

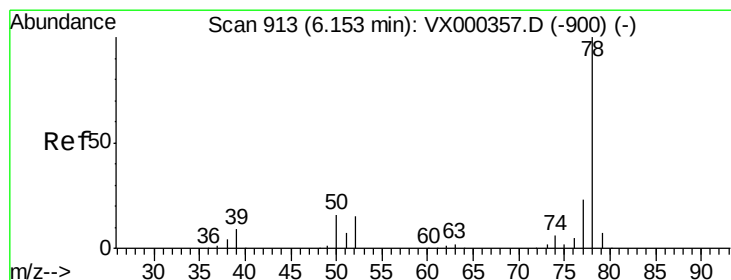
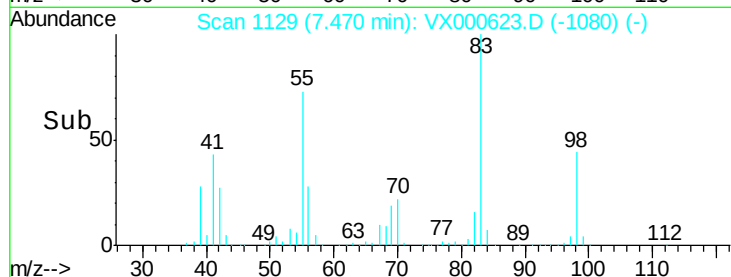
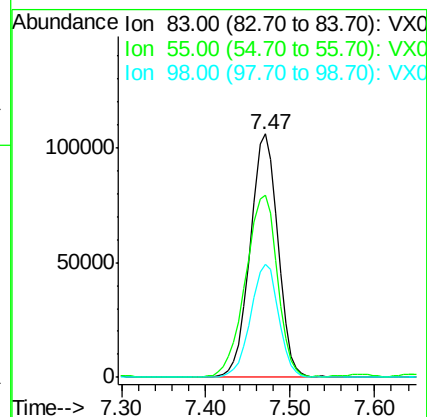
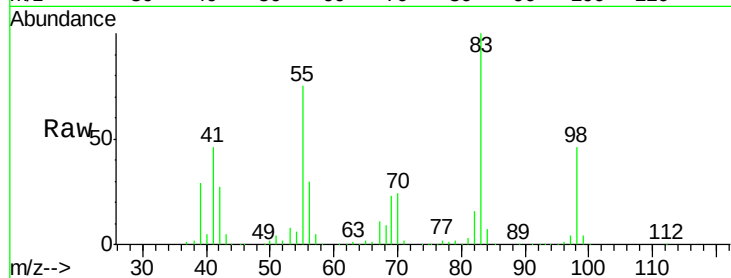




#39
Methylvlcyclohexane
Concen: 93.567 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

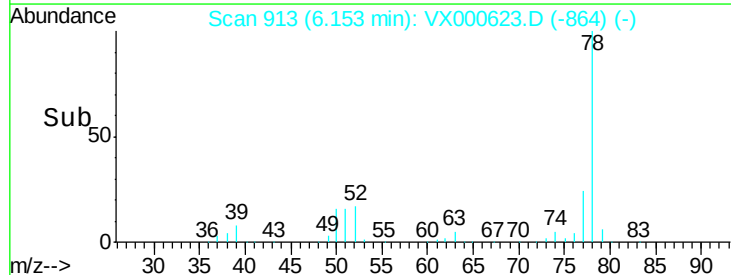
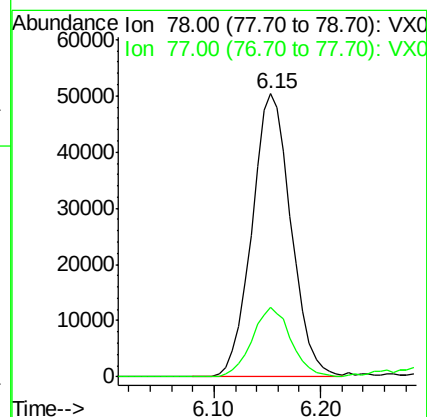
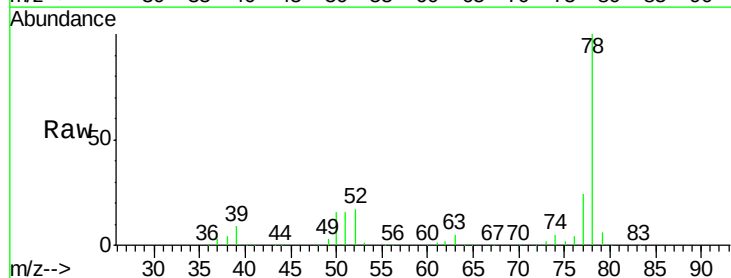
Instrument :
MSVOA_X
ClientSampled :

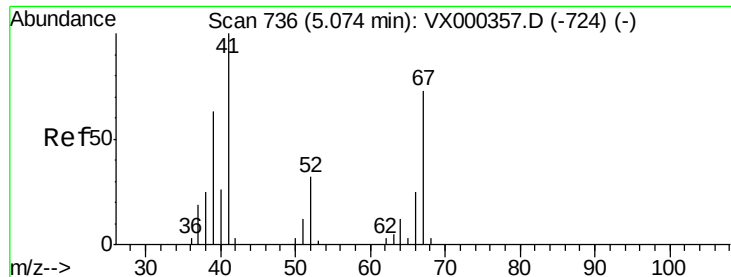
Tot Ion: 83 Resp: 236068
Ion Ratio Lower Upper
83 100
55 75.0 55.5 83.3
98 46.3 38.2 57.4



#40
Benzene
Concen: 21.536 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 78 Resp: 129747
Ion Ratio Lower Upper
78 100
77 24.5 18.7 28.1





#41

Methacrylonitrile

Concen: 3.246 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 4849

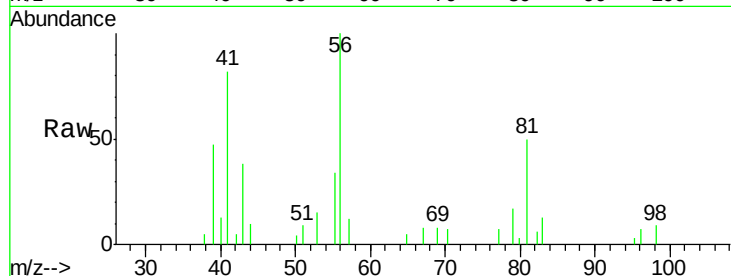
Ion Ratio Lower Upper

41 100

39 56.4 45.7 68.5

67 0.0 57.8 86.8#

52 0.0 26.7 40.1#

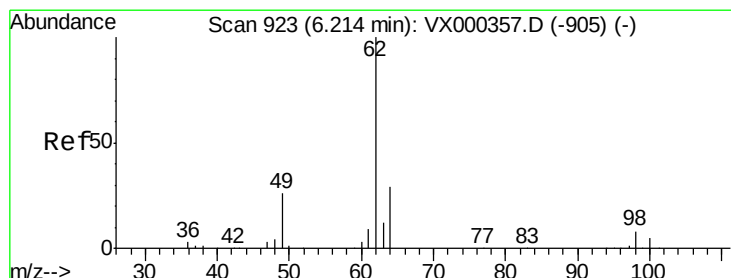
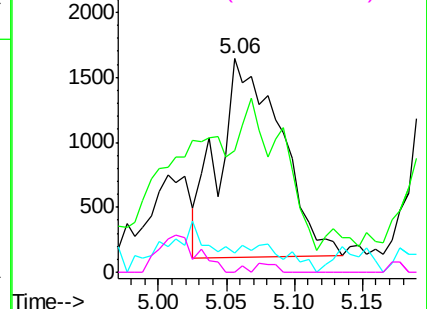
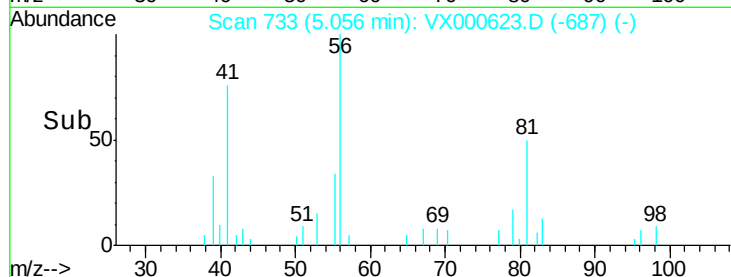


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 0.258 ug/l

RT: 6.26 min Scan# 931

Delta R.T. 0.05 min

Lab File: VX000623.D

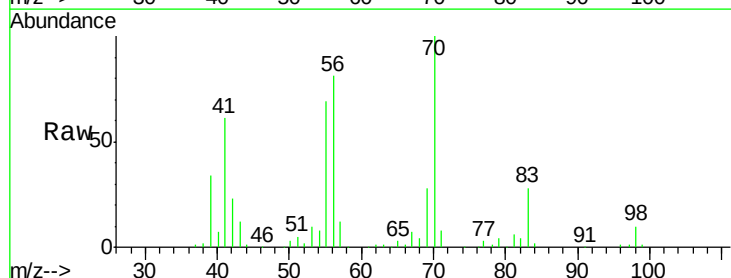
Acq: 01 Apr 2018 04:54

Tgt Ion: 62 Resp: 610

Ion Ratio Lower Upper

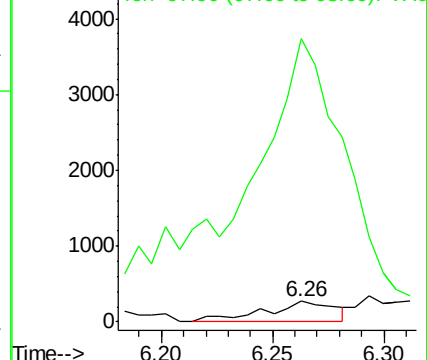
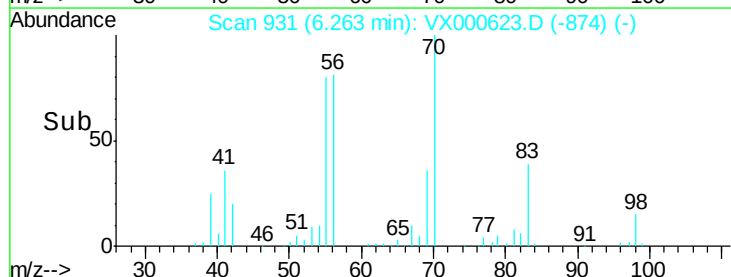
62 100

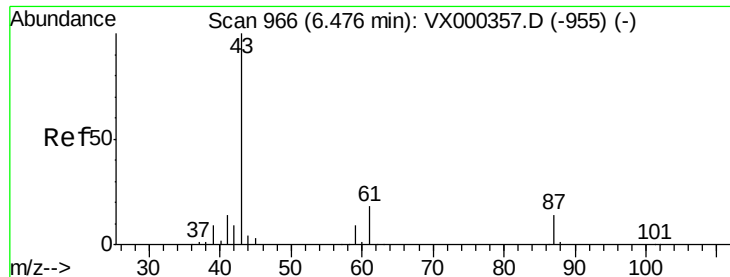
98 2233.4 0.0 15.8#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 2.366 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

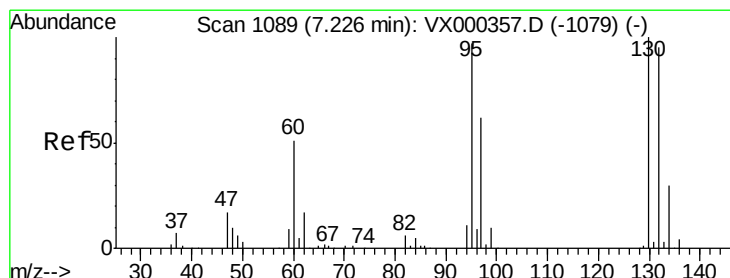
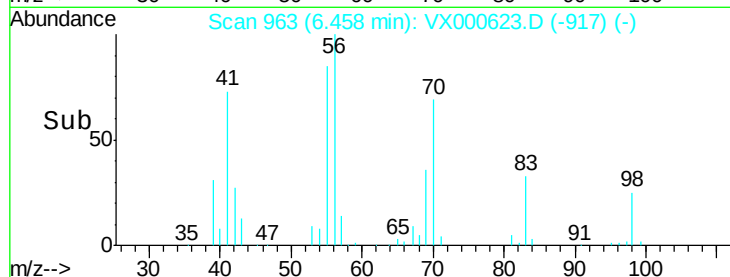
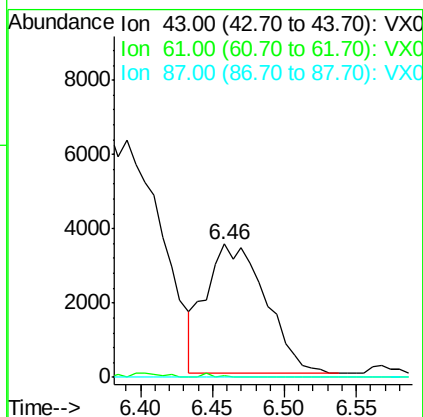
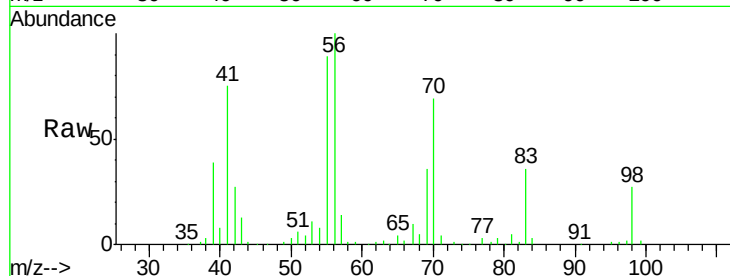
Tot Ion: 43 Resp: 9981

Ion Ratio Lower Upper

43 100

61 0.6 14.4 21.6#

87 0.0 11.0 16.4#



#44

Trichloroethene

Concen: 0.519 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000623.D

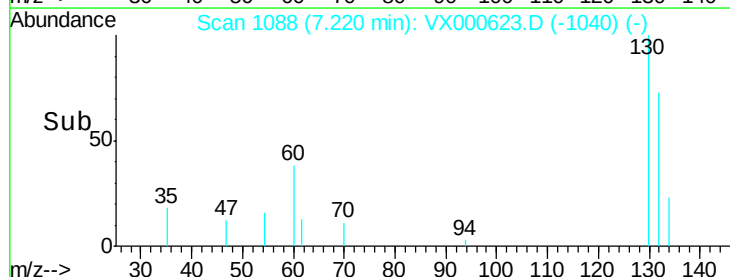
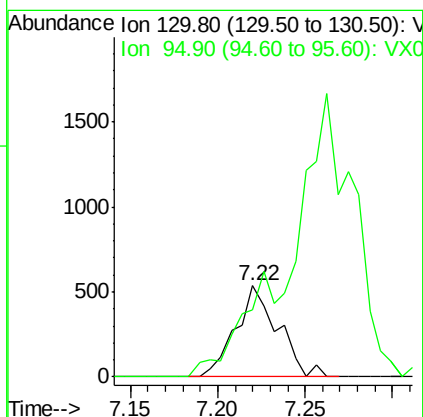
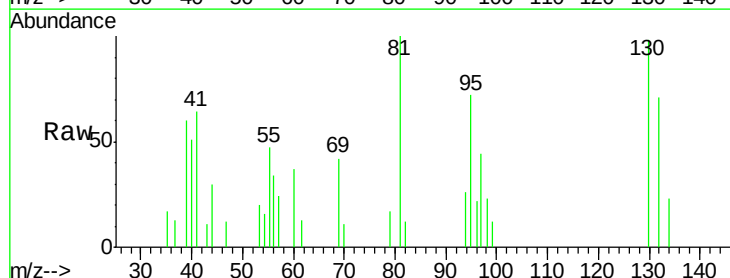
Acq: 01 Apr 2018 04:54

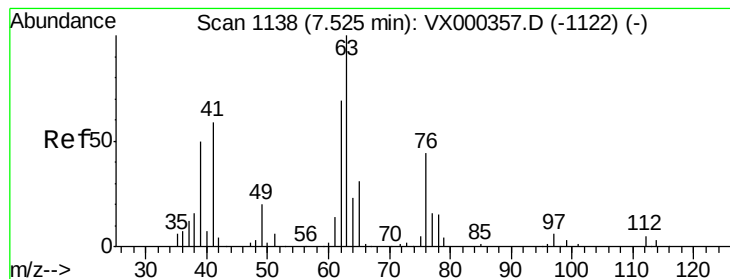
Tgt Ion:130 Resp: 895

Ion Ratio Lower Upper

130 100

95 73.9 0.0 186.0





#45

1,2-Dichloropropane

Concen: 2.360 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.06 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

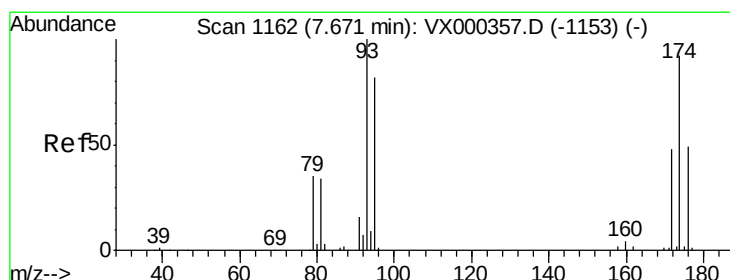
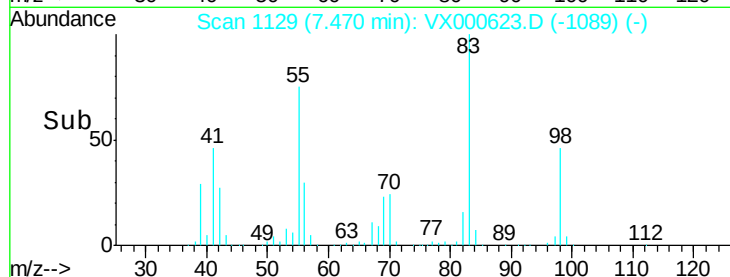
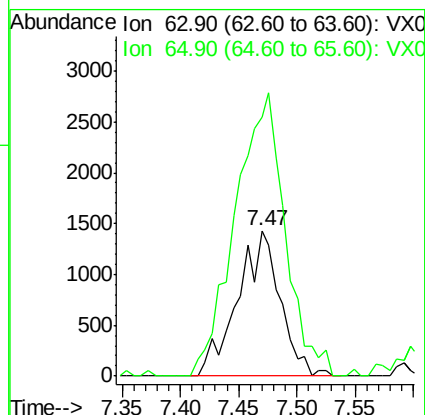
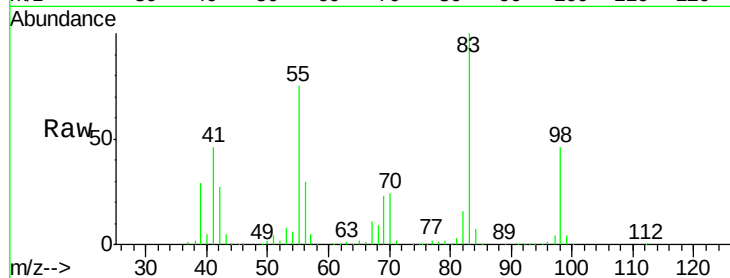
ClientSampled :

Tot Ion: 63 Resp: 3639

Ion Ratio Lower Upper

63 100

65 178.6 24.6 36.8#



#46

Dibromomethane

Concen: 0.302 ug/l

RT: 7.63 min Scan# 1156

Delta R.T. -0.04 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

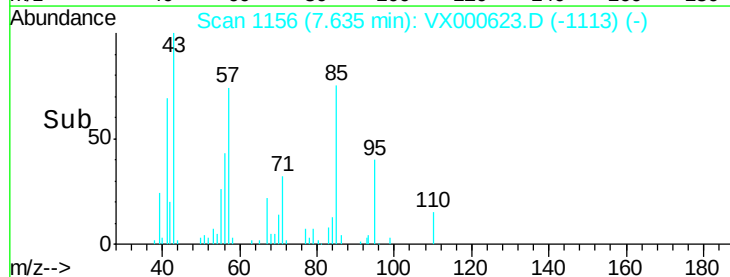
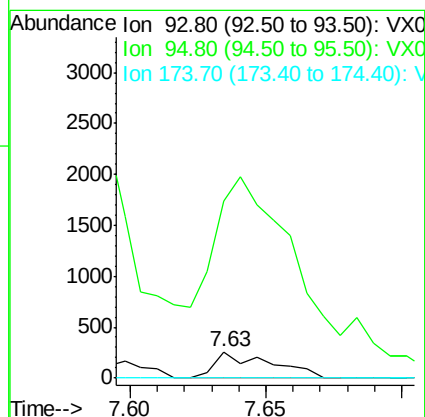
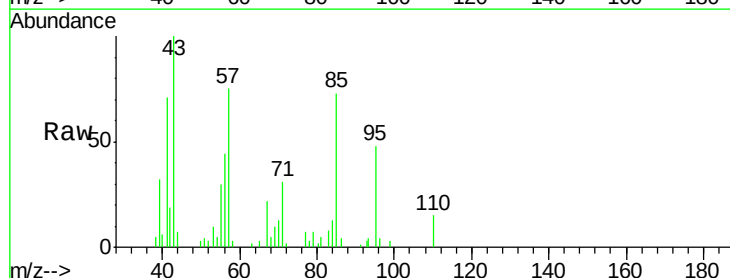
Tgt Ion: 93 Resp: 366

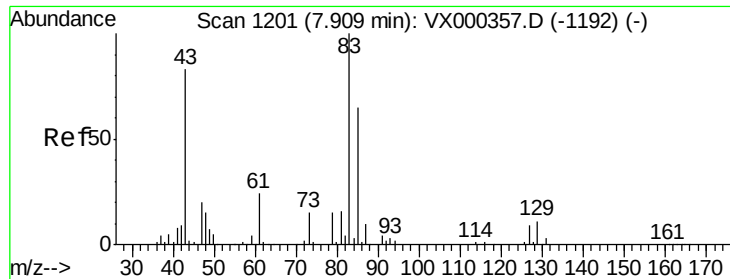
Ion Ratio Lower Upper

93 100

95 1275.4 66.5 99.7#

174 0.0 76.0 114.0#





#47

Bromodichloromethane

Concen: 0.974 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.06 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampled :

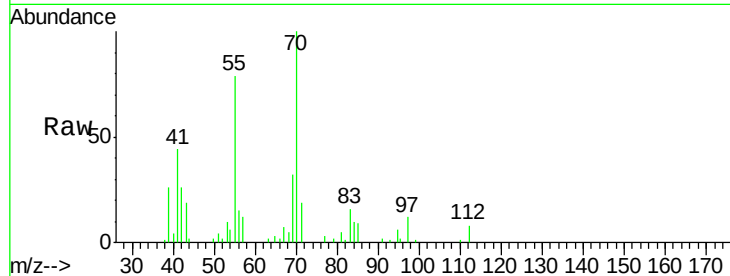
Tot Ion: 83 Resp: 2074

Ion Ratio Lower Upper

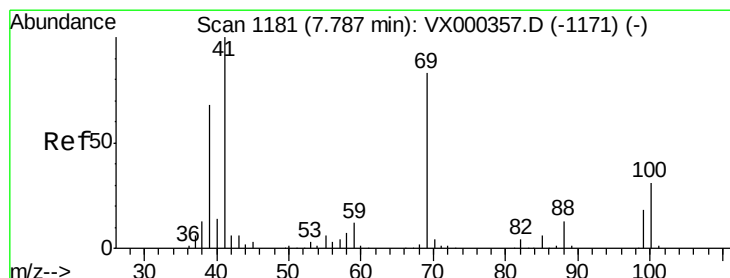
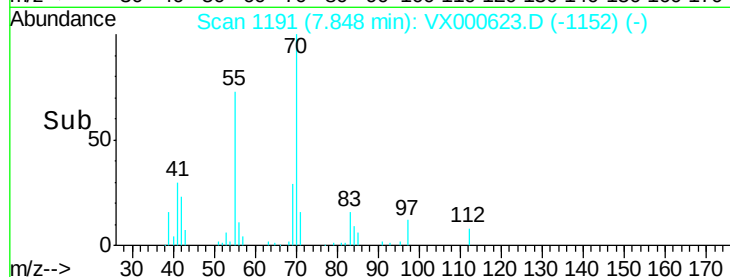
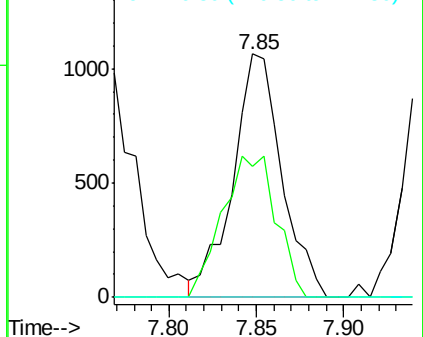
83 100

85 53.8 51.4 77.0

127 0.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 10.380 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.05 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

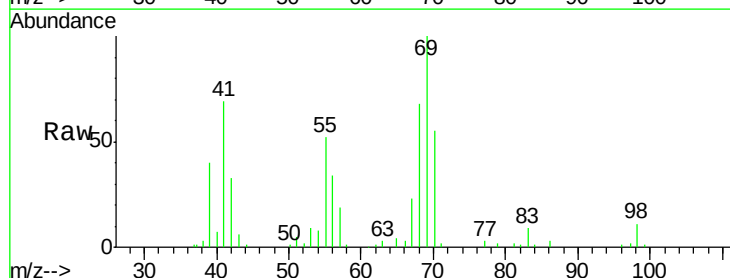
Tgt Ion: 41 Resp: 21257

Ion Ratio Lower Upper

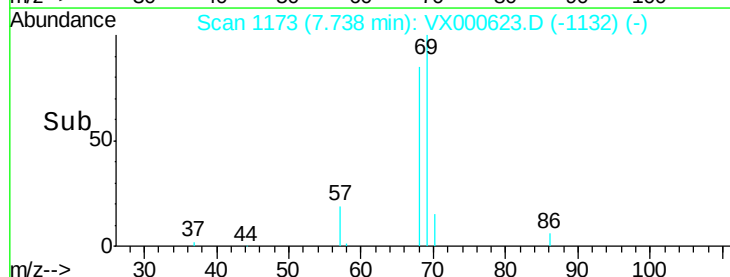
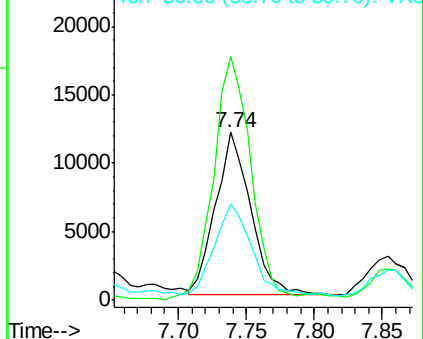
41 100

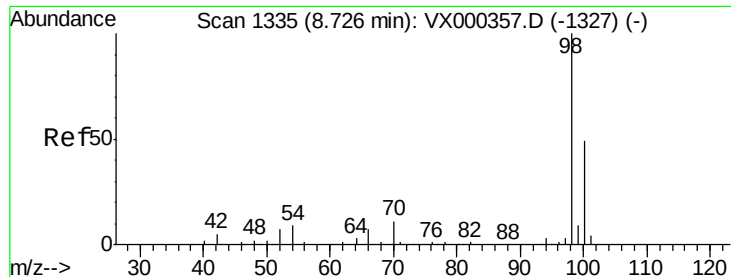
69 157.9 68.2 102.4#

39 60.1 54.6 81.8



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

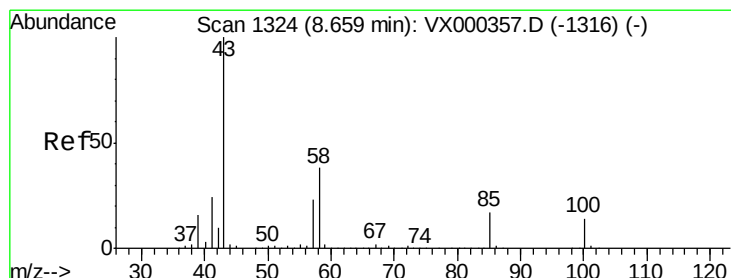
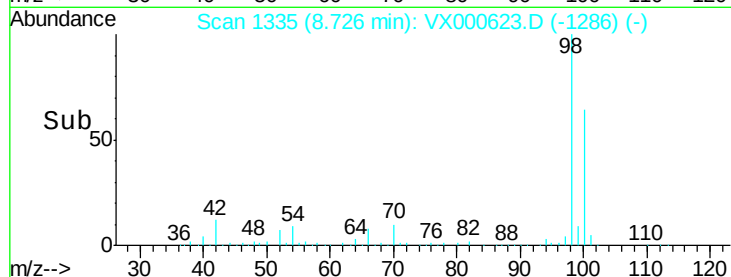
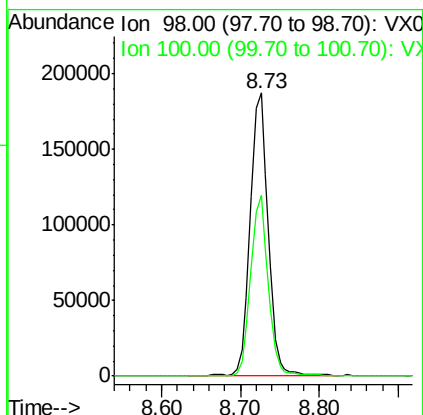
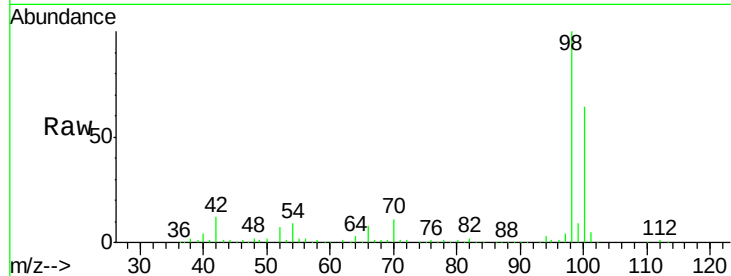




#50
Toluene-d8
Concen: 52.029 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

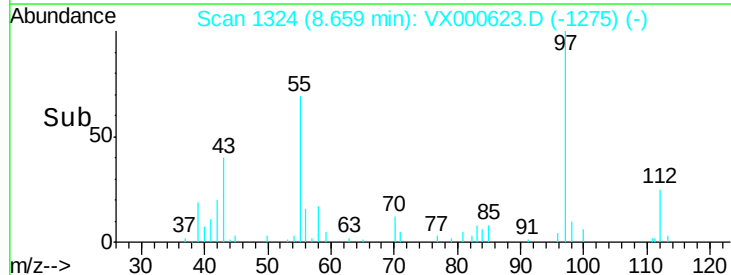
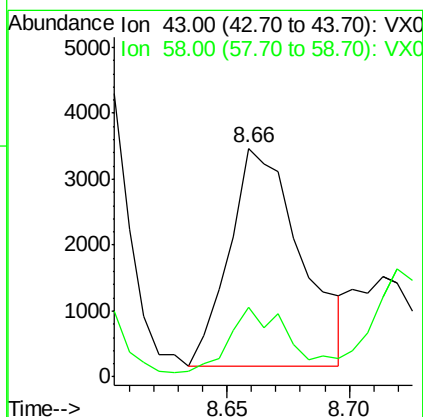
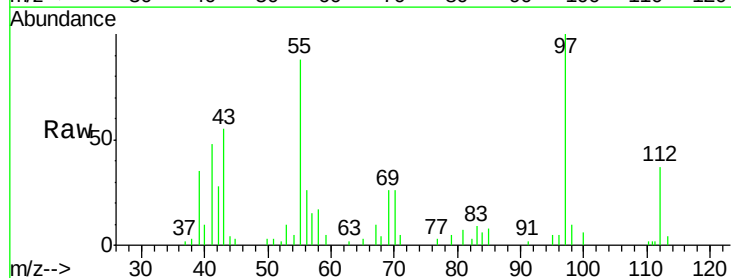
Instrument :
MSVOA_X
ClientSampleId :

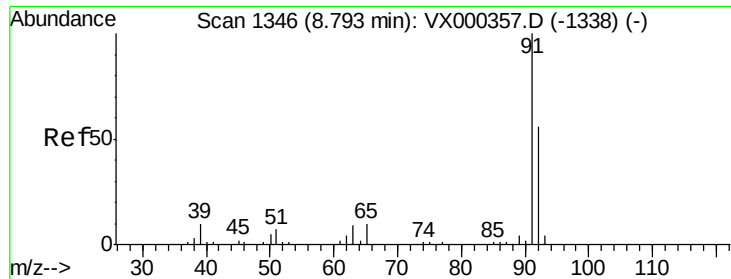
Tot Ion: 98 Resp: 300701
Ion Ratio Lower Upper
98 100
100 61.9 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 2.060 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 43 Resp: 6725
Ion Ratio Lower Upper
43 100
58 29.5 30.3 45.5#





#52

Toluene

Concen: 107.648 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

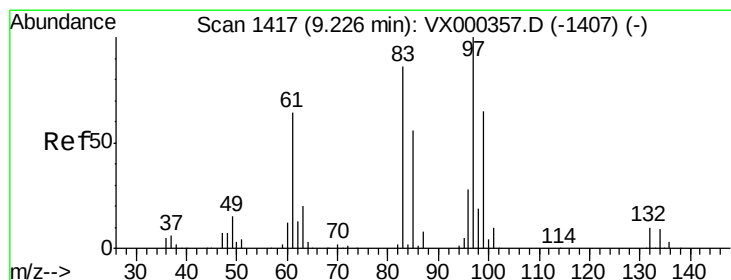
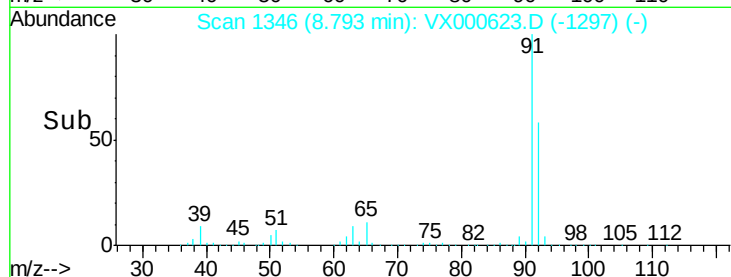
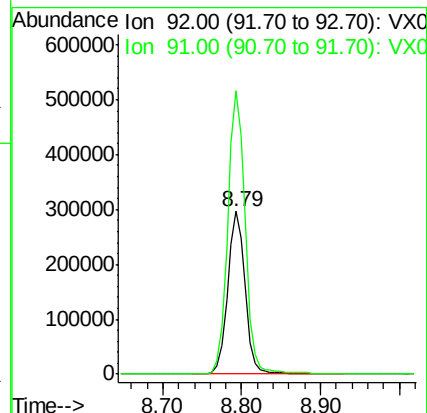
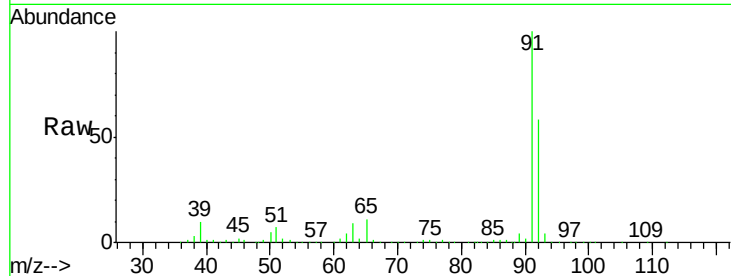
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 453386

Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.2



#55

1,1,2-Trichloroethane

Concen: 0.610 ug/l

RT: 9.27 min Scan# 1425

Delta R.T. 0.05 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Tgt Ion: 97 Resp: 1057

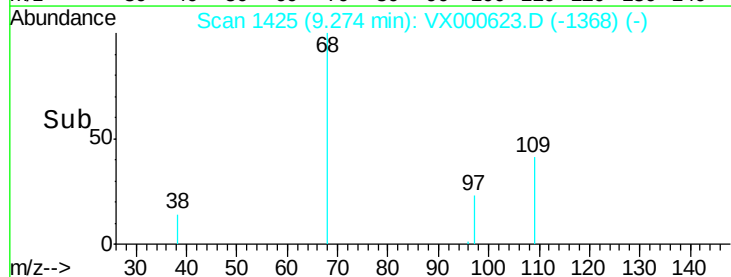
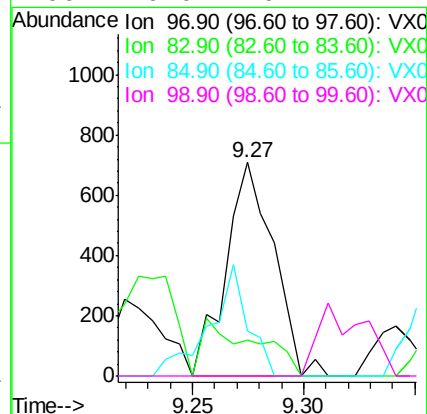
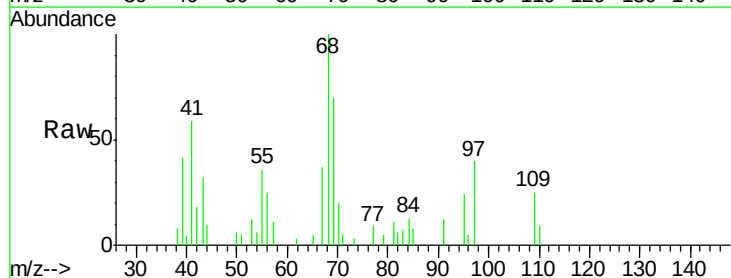
Ion Ratio Lower Upper

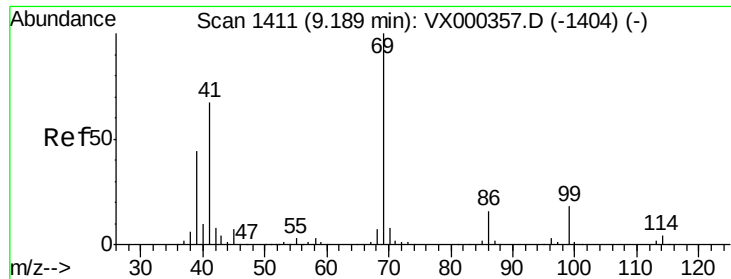
97 100

83 16.8 67.9 101.9#

85 21.2 42.8 64.2#

99 0.0 49.4 74.2#





#56

Ethyl methacrylate

Concen: 2.064 ug/l

RT: 9.17 min Scan# 1408

Delta R.T. -0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :

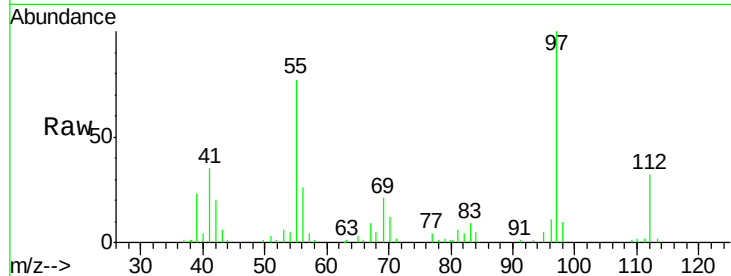
Tot Ion: 69 Resp: 5418

Ion Ratio Lower Upper

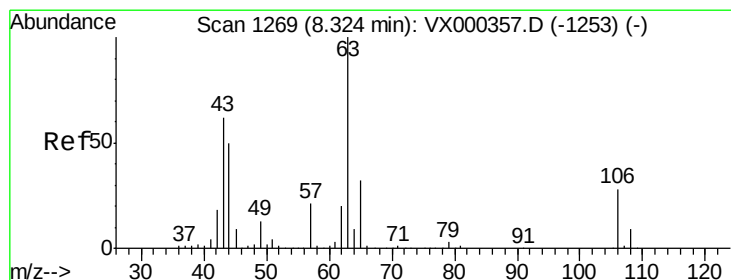
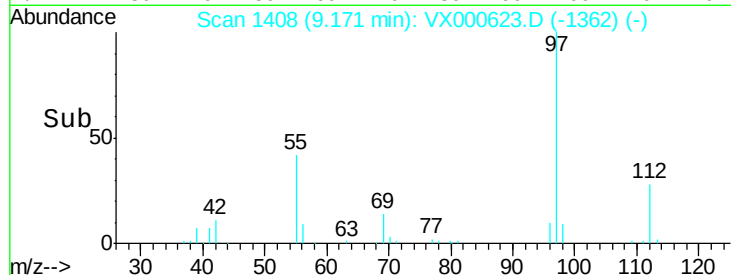
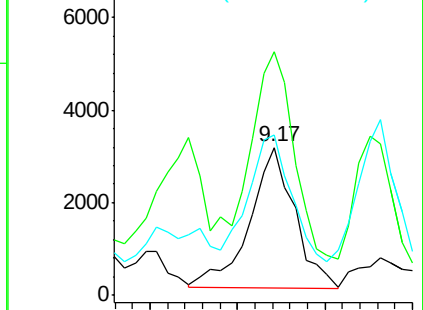
69 100

41 133.8 53.0 79.6#

39 96.5 35.3 52.9#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.204 ug/l

RT: 8.37 min Scan# 1277

Delta R.T. 0.05 min

Lab File: VX000623.D

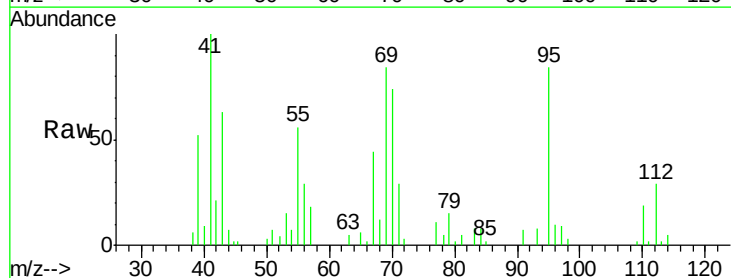
Acq: 01 Apr 2018 04:54

Tgt Ion: 63 Resp: 257

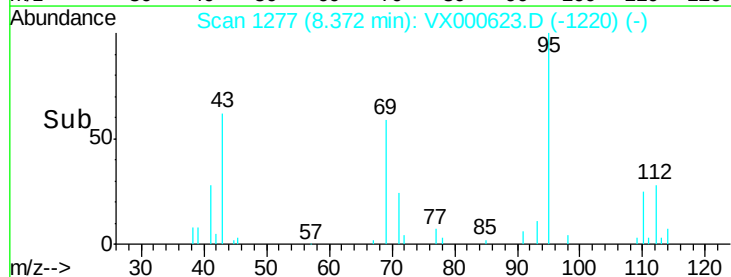
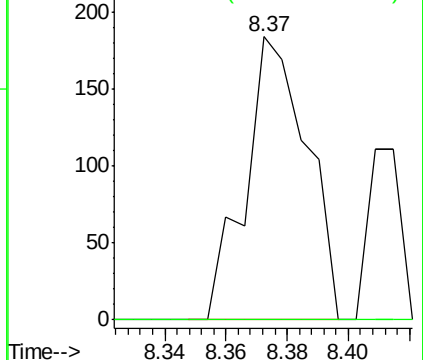
Ion Ratio Lower Upper

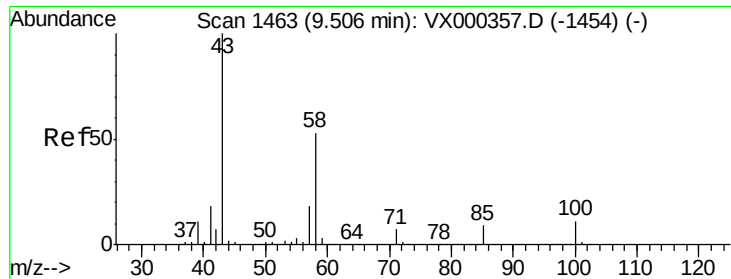
63 100

106 0.0 23.2 34.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

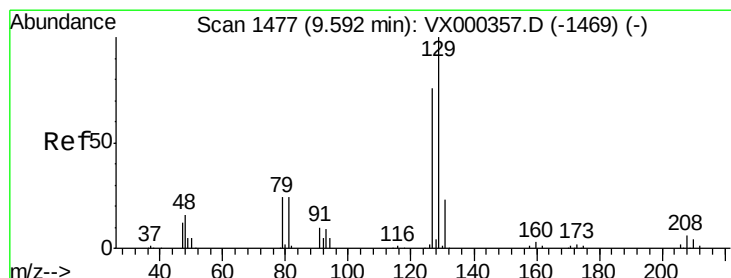
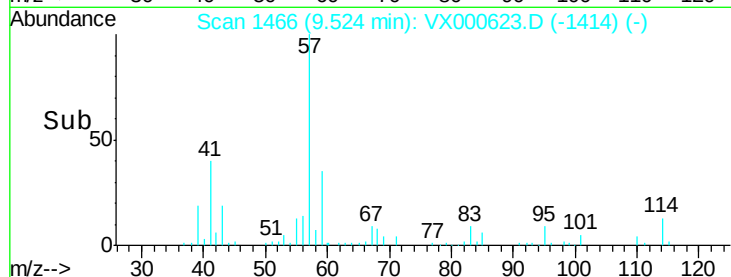
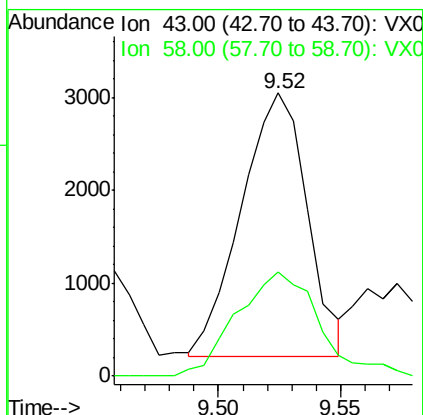
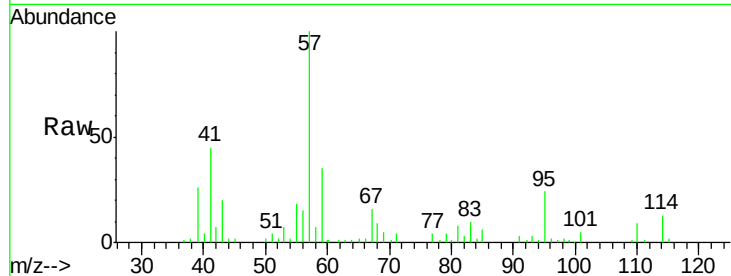




#59
2-Hexanone
Concen: 1.921 ug/l
RT: 9.52 min Scan# 1466
Delta R.T. 0.02 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

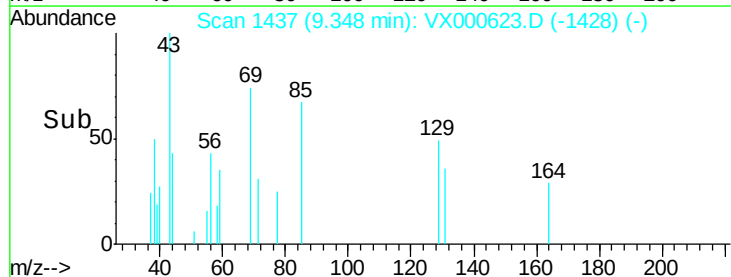
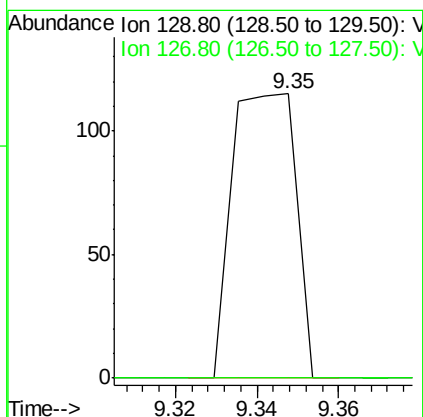
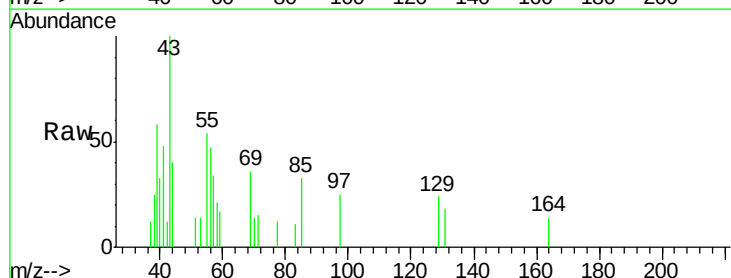
Instrument :
MSVOA_X
ClientSampleId :

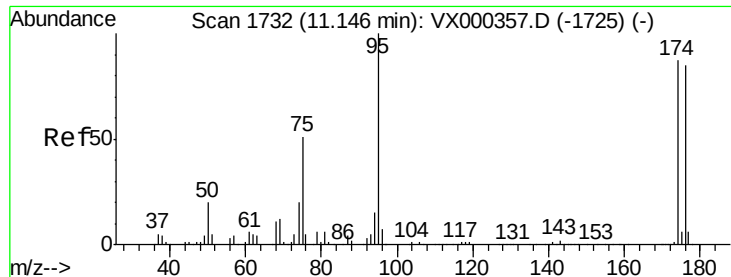
Tot Ion: 43 Resp: 5327
Ion Ratio Lower Upper
43 100
58 49.7 26.6 79.7



#60
Dibromochloromethane
Concen: 4.173 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.24 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 129 Resp: 125
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#





#62

4-Bromofluorobenzene

Concen: 54.433 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

ClientSampled :

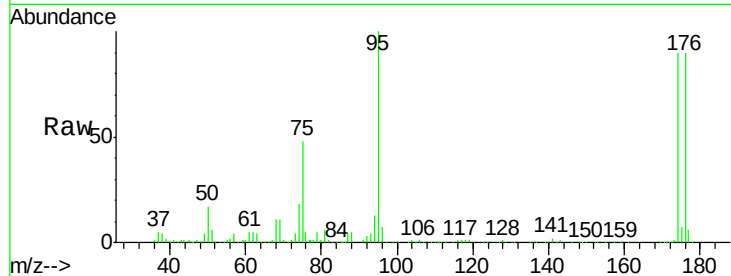
Tot Ion: 95 Resp: 134494

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.6

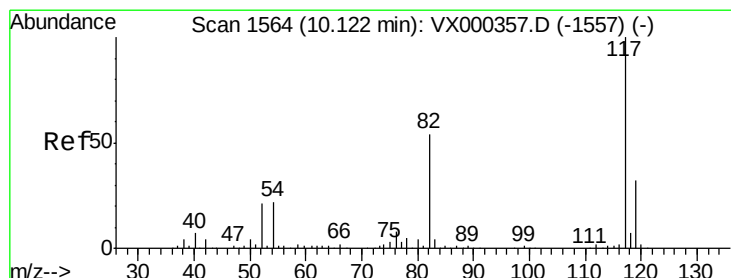
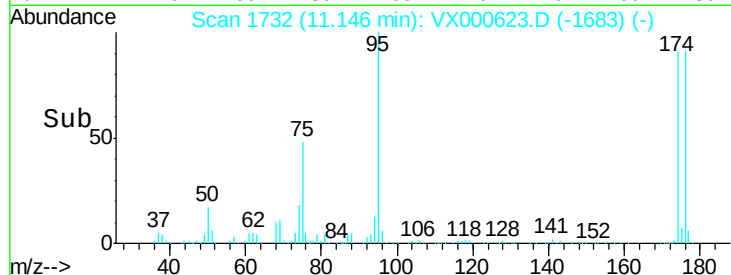
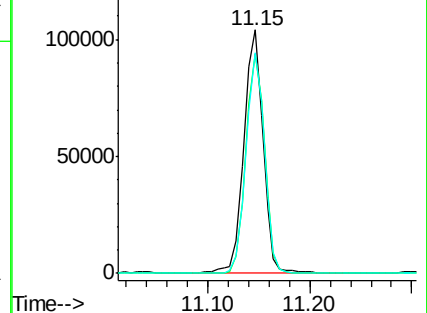
176 87.1 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

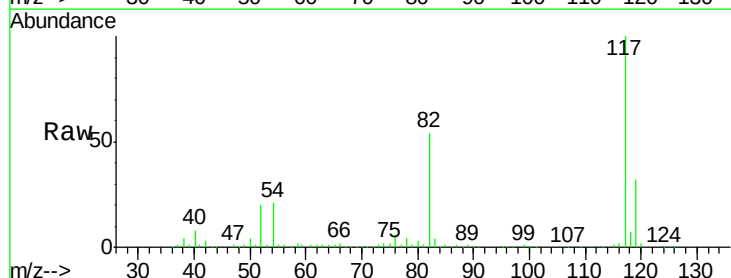
Tgt Ion: 117 Resp: 236974

Ion Ratio Lower Upper

117 100

82 53.7 43.8 65.8

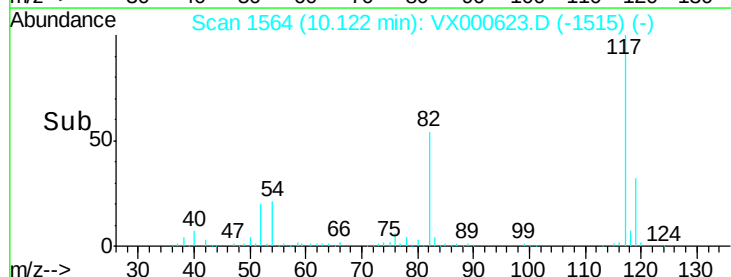
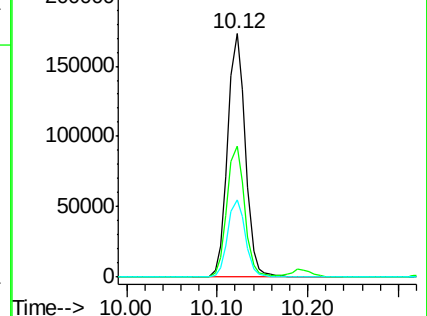
119 31.7 24.9 37.3

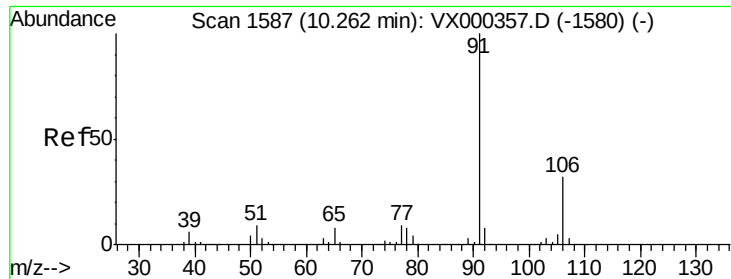


Abundance Ion 116.90 (116.60 to 117.60): VX000357.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000357.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000357.D (-1557) (-)

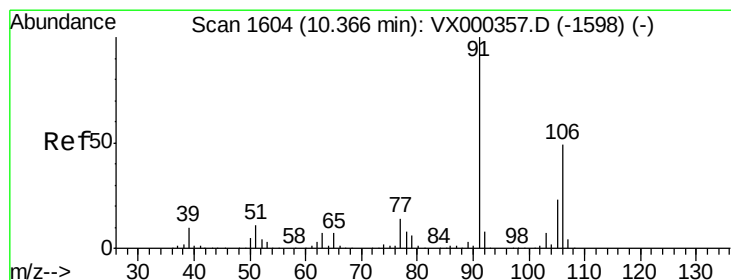
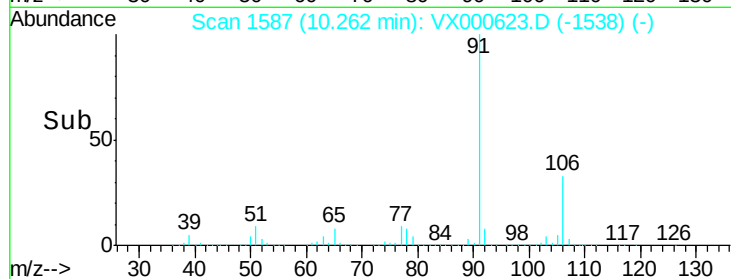
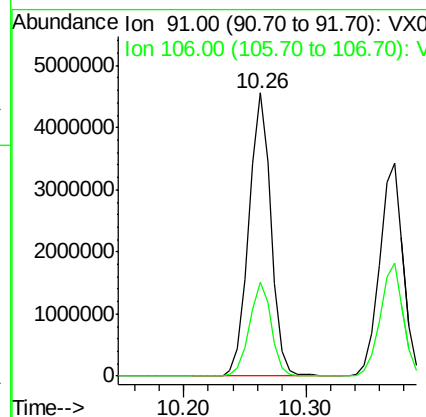
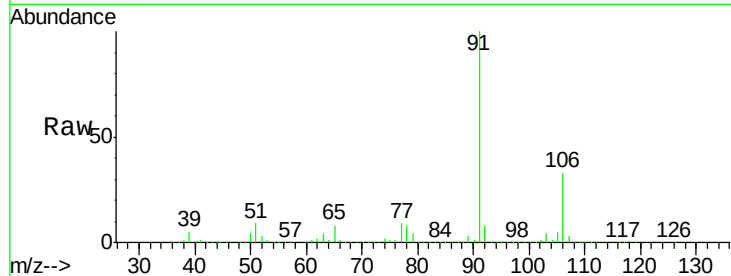




#67
Ethyl Benzene
Concen: 639.623 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

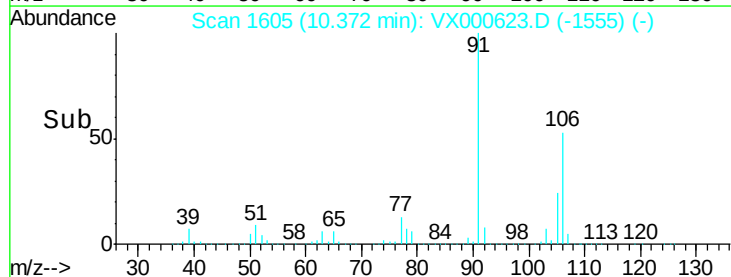
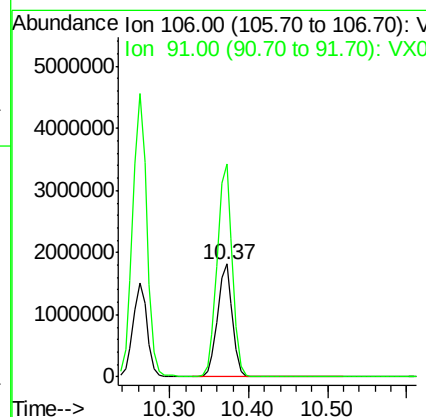
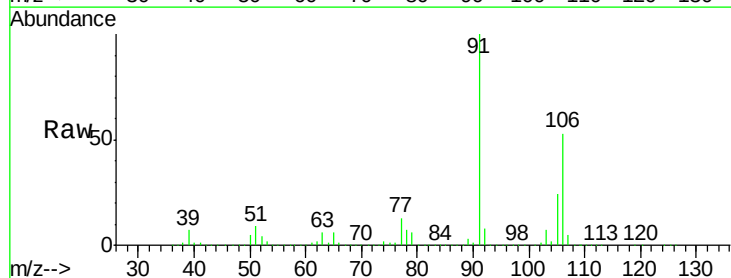
Instrument :
MSVOA_X
ClientSampled :

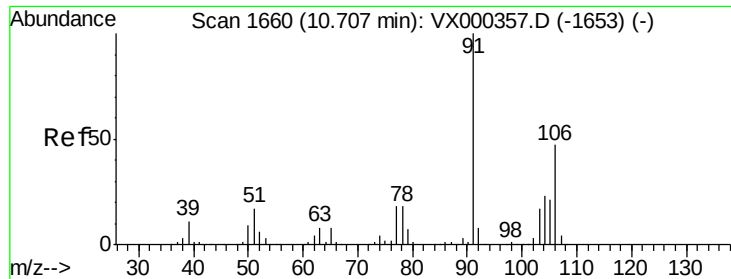
Tot Ion: 91 Resp: 5718191
Ion Ratio Lower Upper
91 100
106 33.1 25.0 37.6



#68
m/p-Xylenes
Concen: 674.220 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 106 Resp: 2371818
Ion Ratio Lower Upper
106 100
91 192.9 163.4 245.2

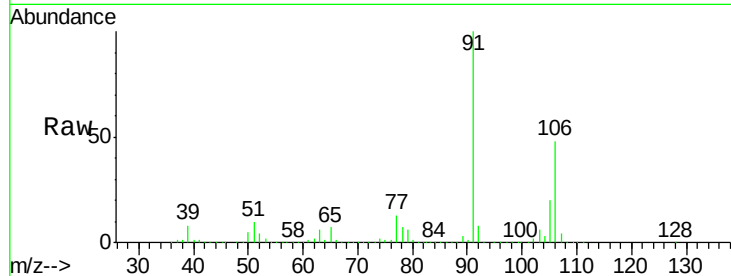




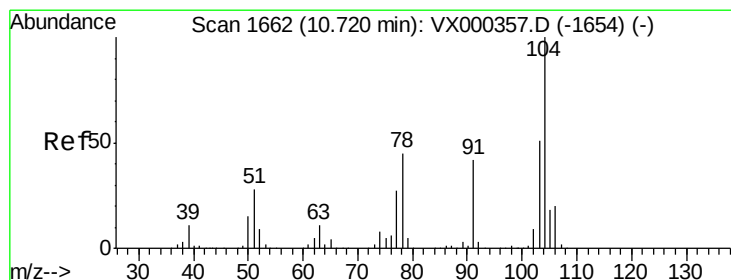
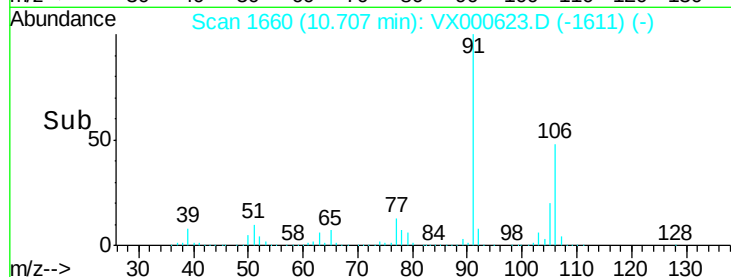
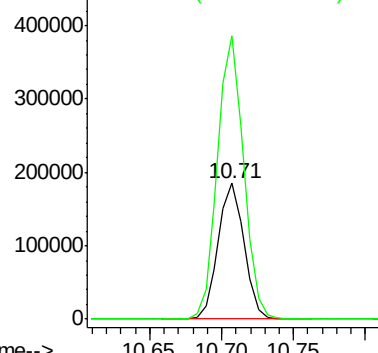
#69
o-Xylene
Concen: 67.904 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 231291
Ion Ratio Lower Upper
106 100
91 208.5 106.5 319.6

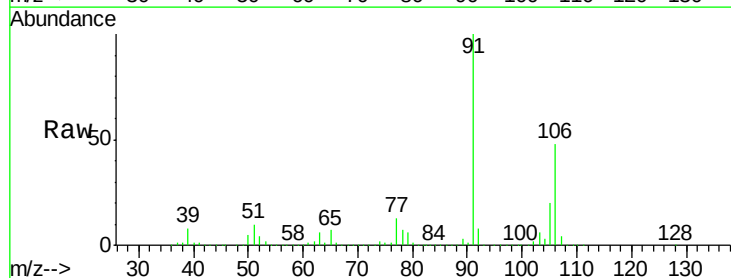


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

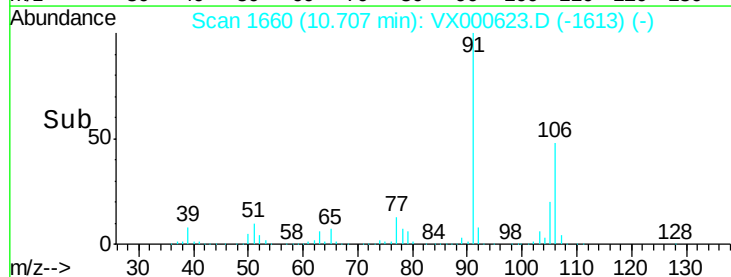
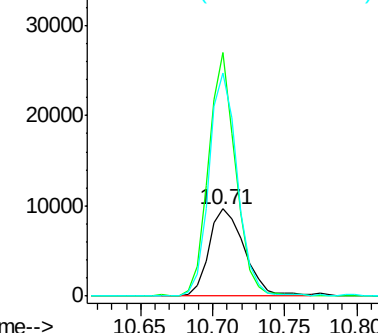


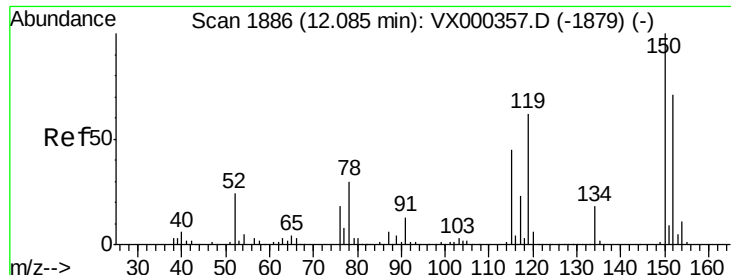
#70
Styrene
Concen: 2.964 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion:104 Resp: 16707
Ion Ratio Lower Upper
104 100
78 214.5 40.5 60.7#
103 206.5 45.7 68.5#



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

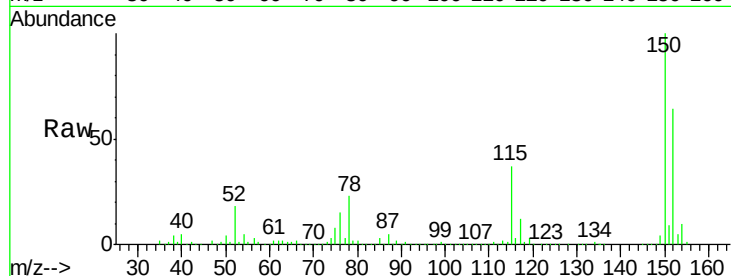




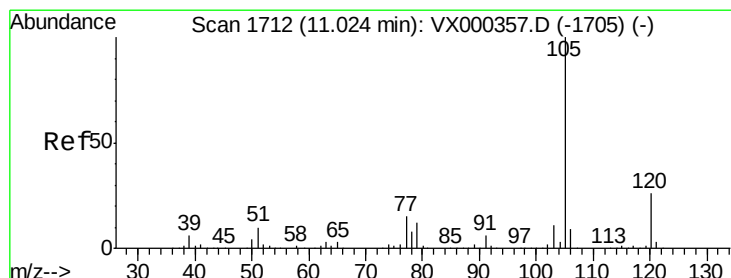
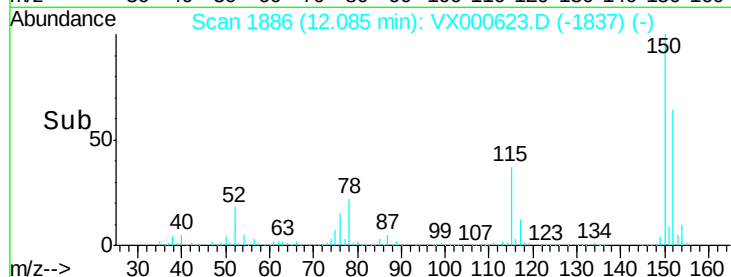
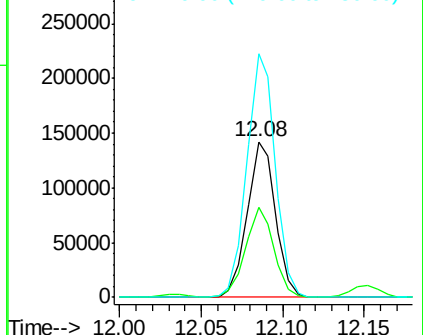
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:152 Resp: 171993
 Ion Ratio Lower Upper
 152 100
 115 57.2 39.8 119.3
 150 157.4 0.0 344.4

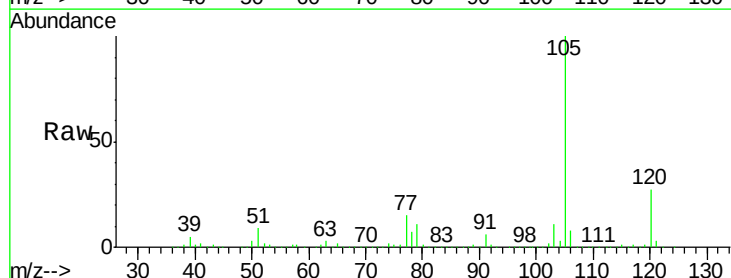


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

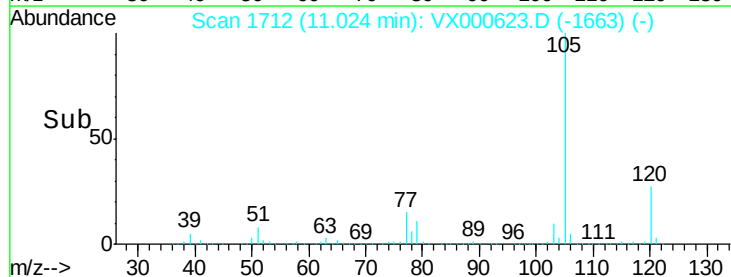
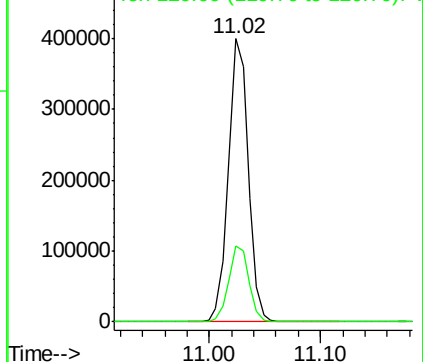


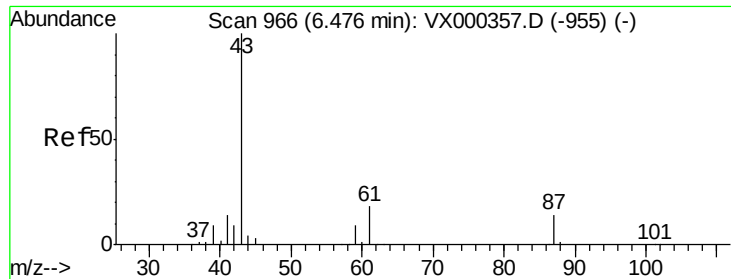
#73
 Isopropylbenzene
 Concen: 43.361 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion:105 Resp: 494120
 Ion Ratio Lower Upper
 105 100
 120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.46 min Scan# 963

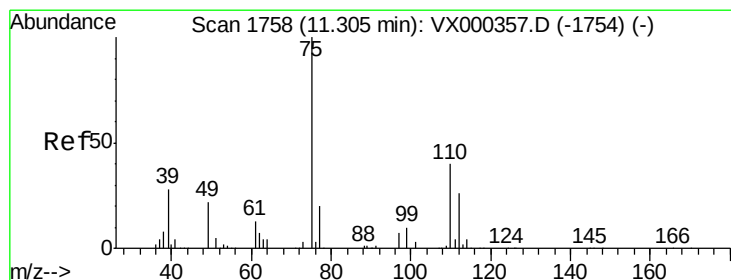
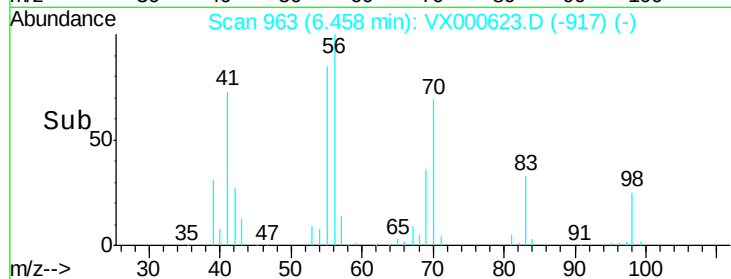
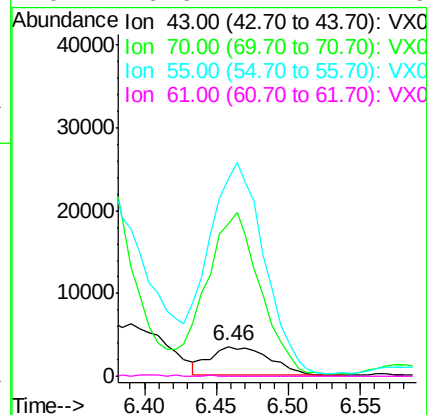
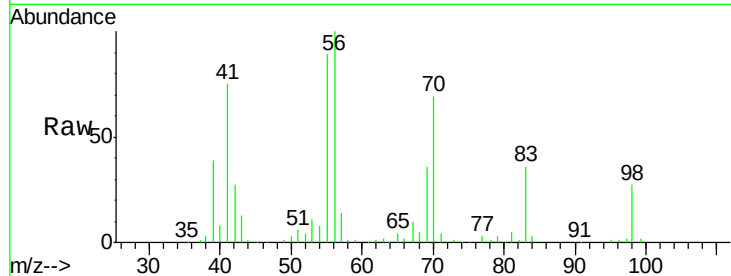
Delta R.T. -0.02 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	9981
Ion	Ratio	Lower	Upper
43	100		
70	514.2	0.0	0.0#
55	687.1	0.0	0.0#
61	0.6	14.4	21.6#



#76

1,2,3-Trichloropropane

Concen: 1.932 ug/l

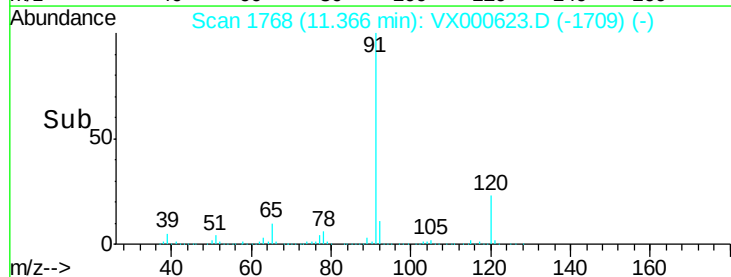
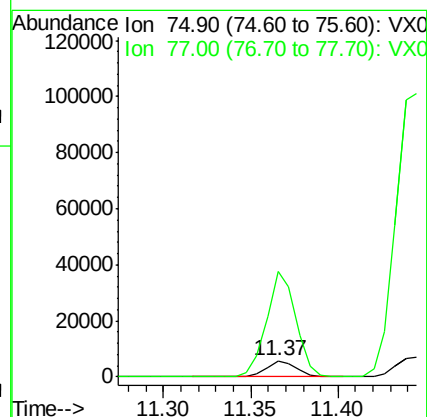
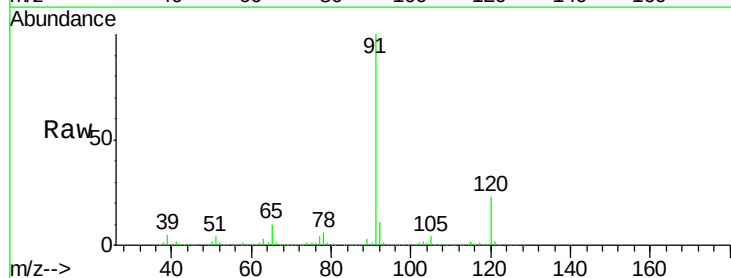
RT: 11.37 min Scan# 1768

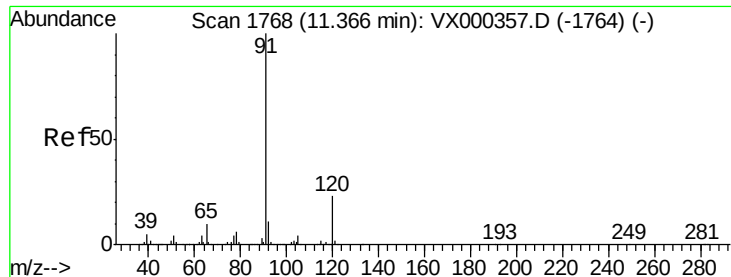
Delta R.T. 0.06 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Tgt Ion:	75	Resp:	7142
Ion	Ratio	Lower	Upper
75	100		
77	616.1	21.4	64.2#





#78

n-propylbenzene

Concen: 82.847 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

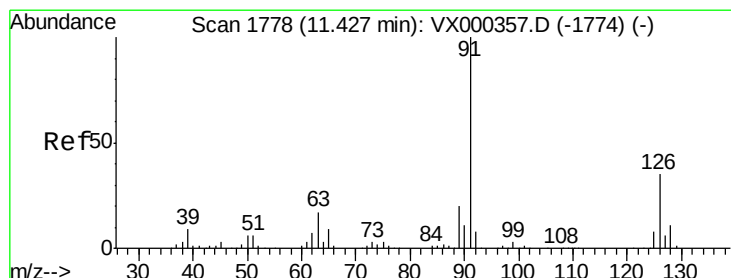
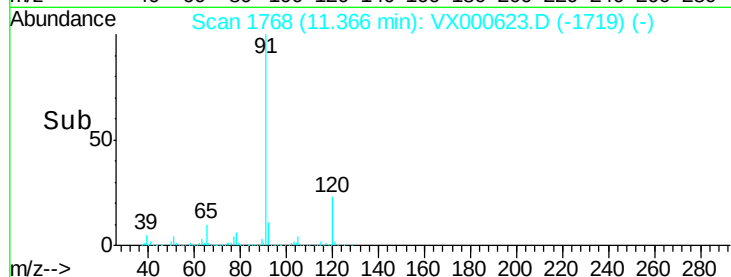
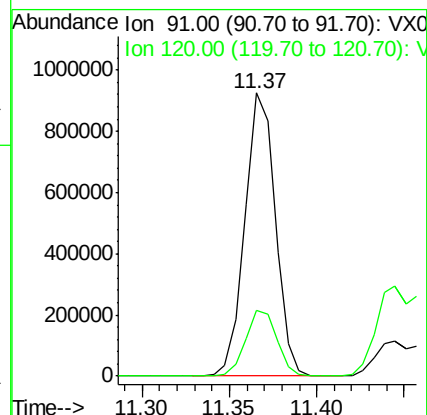
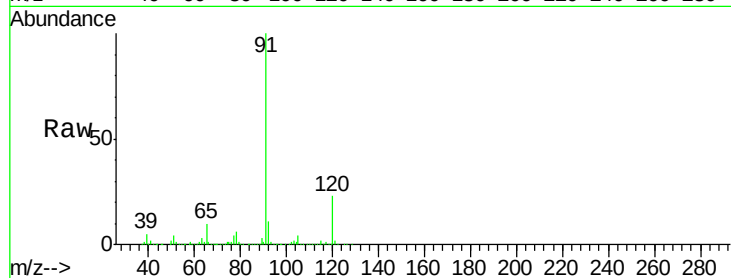
ClientSampled :

Tot Ion: 91 Resp: 1125727

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



#79

2-Chlorotoluene

Concen: 32.283 ug/l

RT: 11.44 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VX000623.D

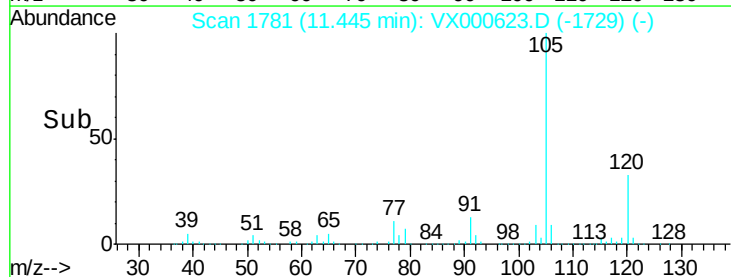
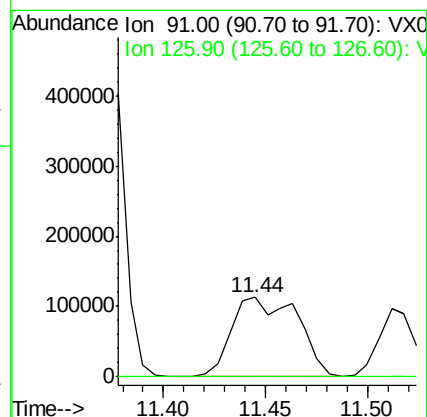
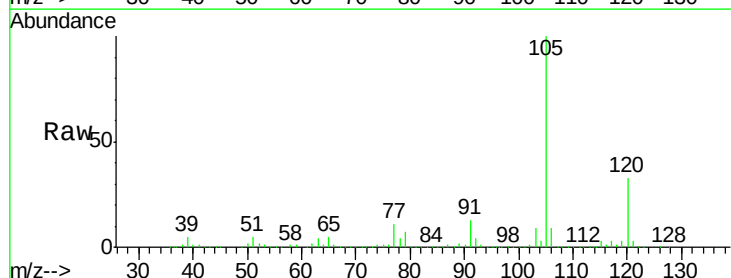
Acq: 01 Apr 2018 04:54

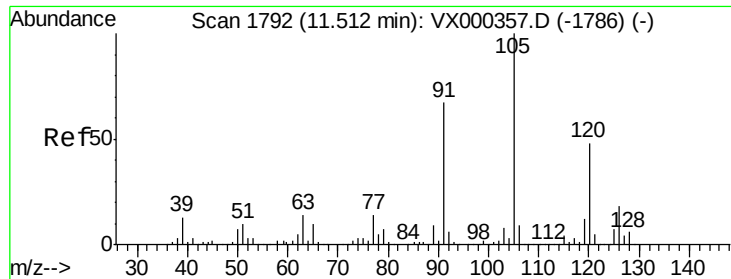
Tgt Ion: 91 Resp: 253412

Ion Ratio Lower Upper

91 100

126 0.3 17.7 53.1#

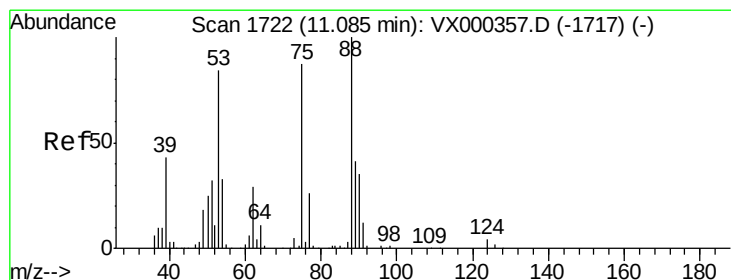
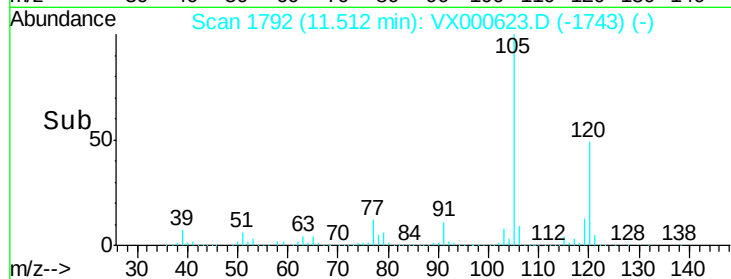
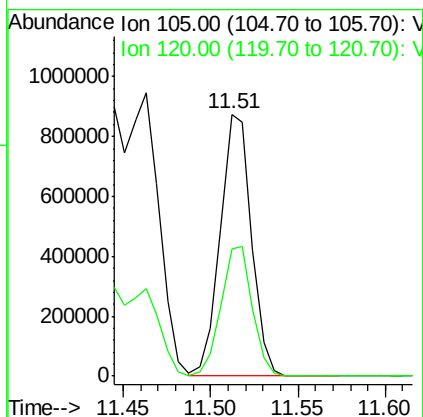
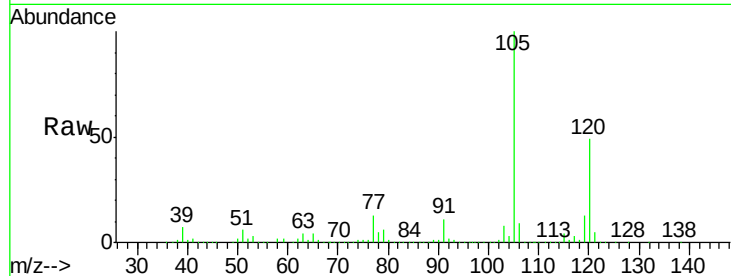




#80
 1,3,5-Trimethylbenzene
 Concen: 112.877 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

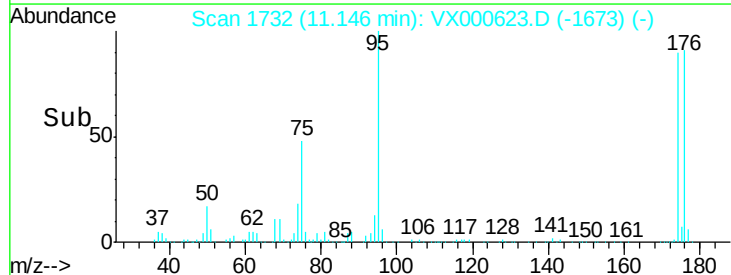
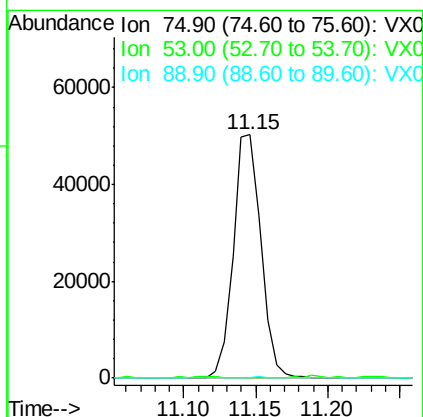
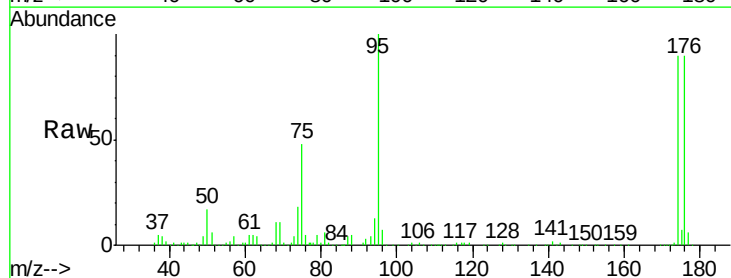
Instrument :
 MSVOA_X
 ClientSampled :

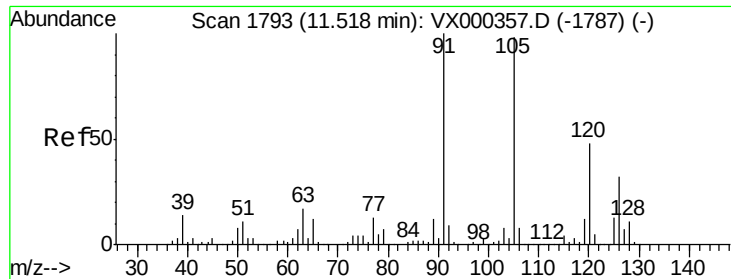
Tot Ion:105 Resp: 1081565
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.014 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion: 75 Resp: 67376
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.7 121.1#
 89 0.0 39.4 59.0#

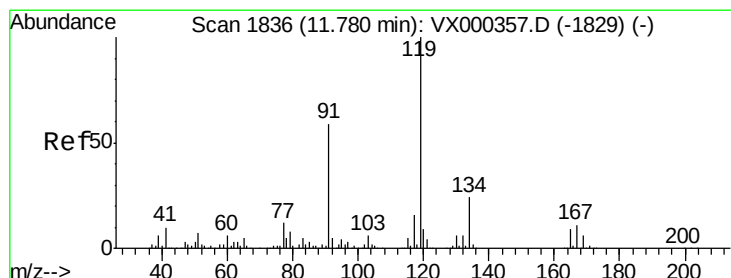
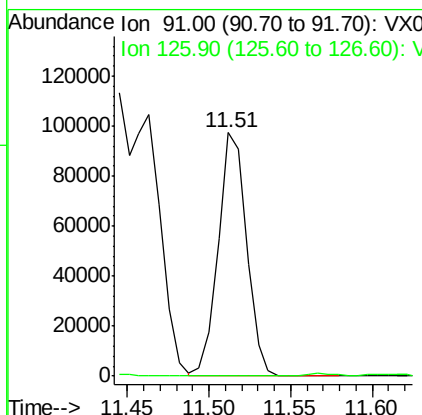
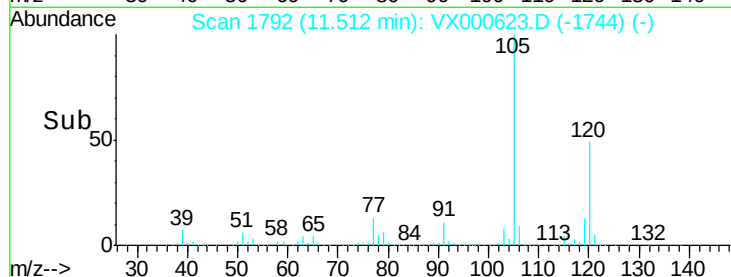
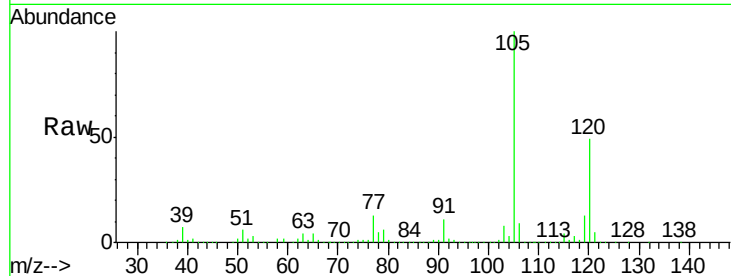




#82
4-Chlorotoluene
Concen: 12.629 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

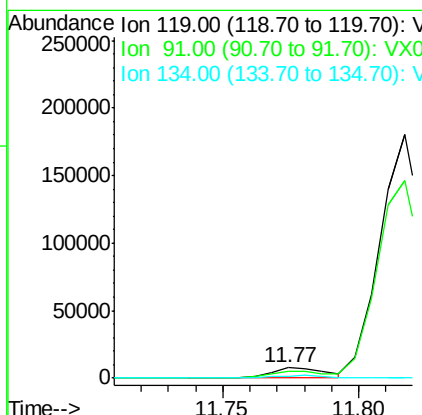
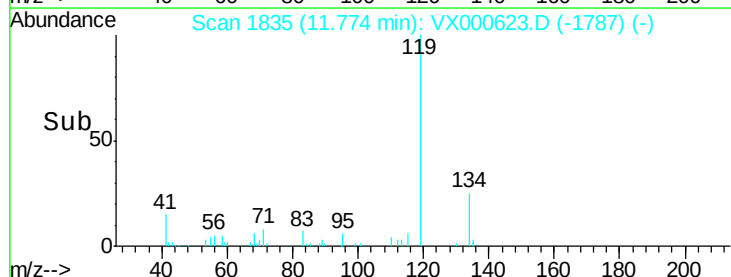
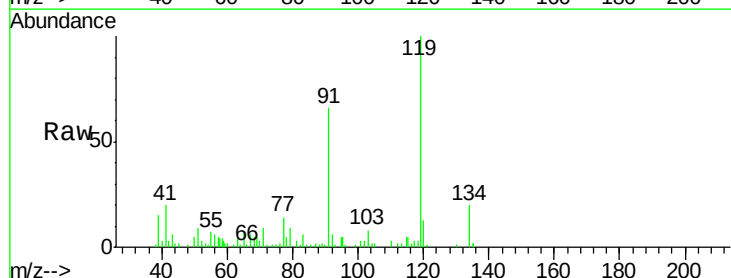
Instrument :
MSVOA_X
ClientSampled :

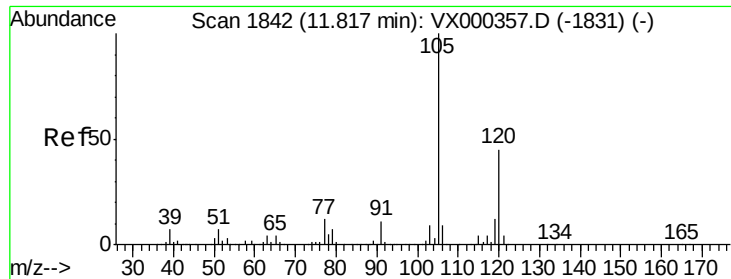
Tot Ion: 91 Resp: 118363
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.1#



#83
tert-Butylbenzene
Concen: 1.081 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion: 119 Resp: 10443
Ion Ratio Lower Upper
119 100
91 59.2 28.8 86.4
134 23.6 11.4 34.1

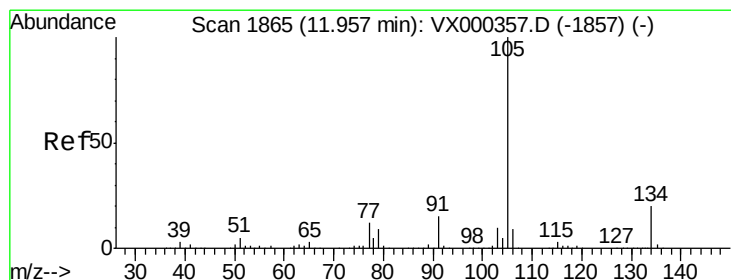
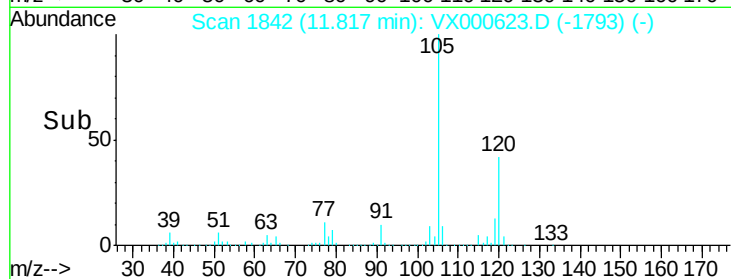
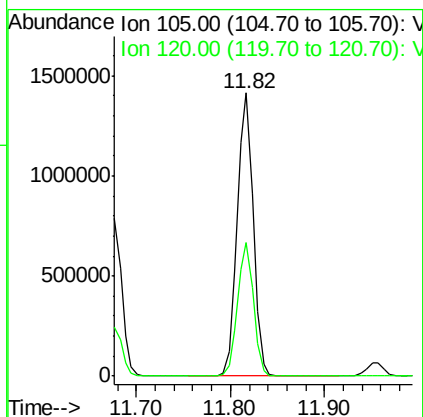
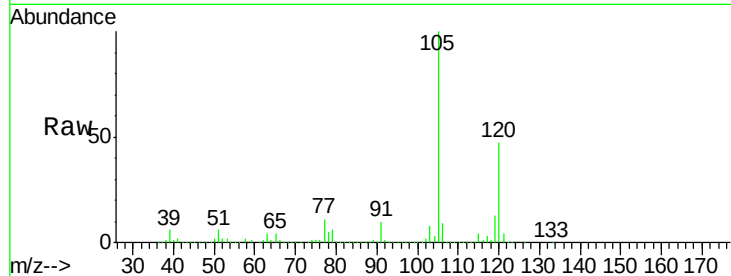




#84
 1,2,4-Trimethylbenzene
 Concen: 165.454 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

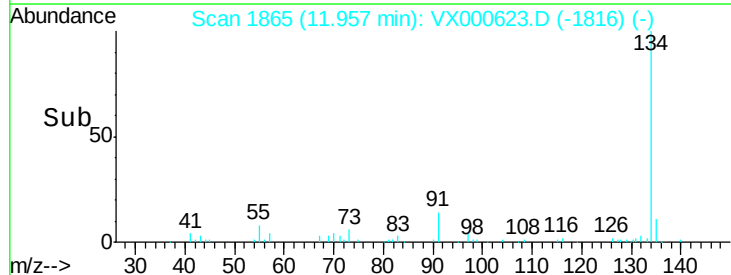
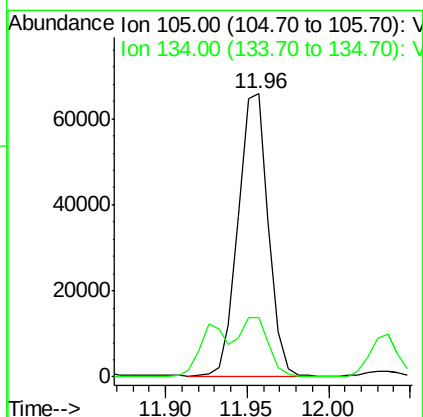
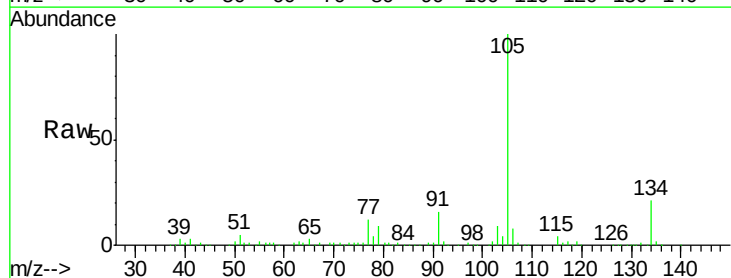
Instrument :
 MSVOA_X
 ClientSampleId :

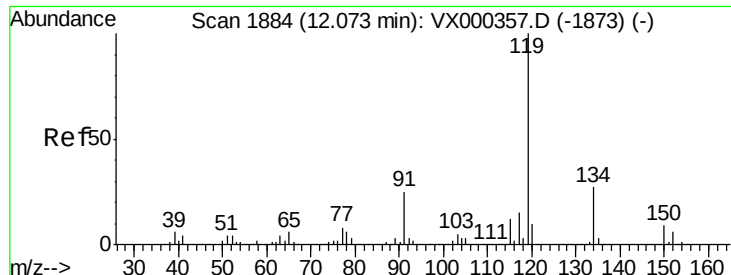
Tot Ion:105 Resp: 1662144
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 7.081 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Tgt Ion:105 Resp: 84674
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

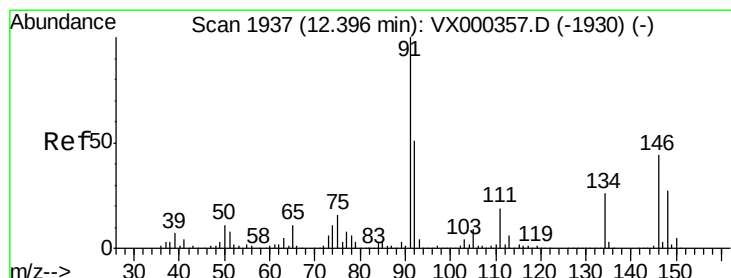
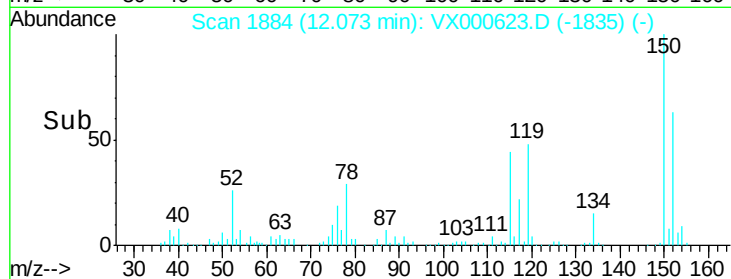
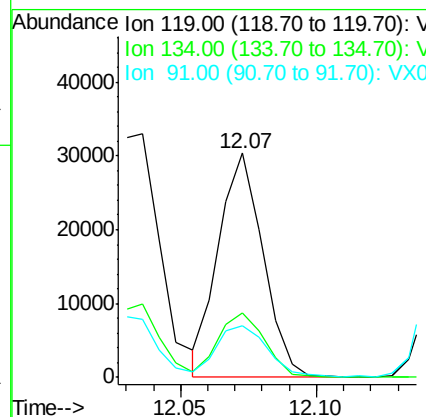
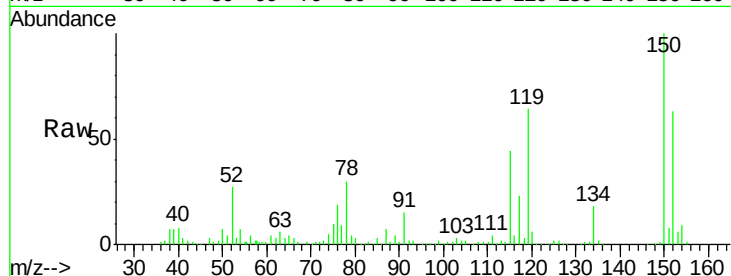




#86
p-Isopropyltoluene
Concen: 3.249 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

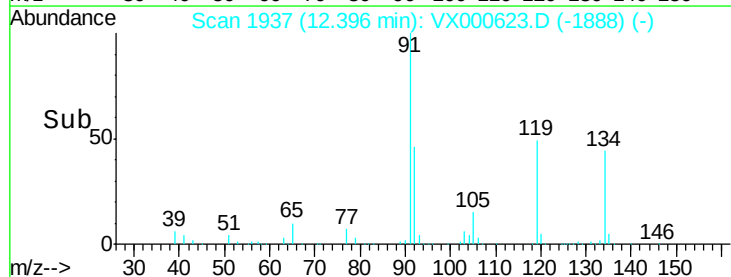
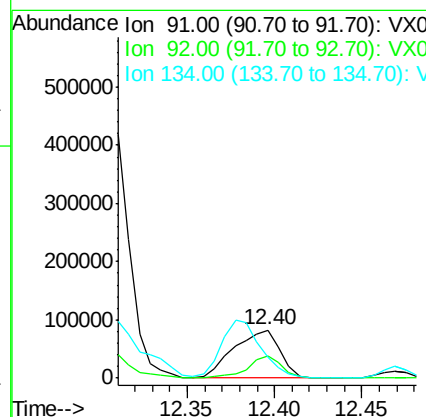
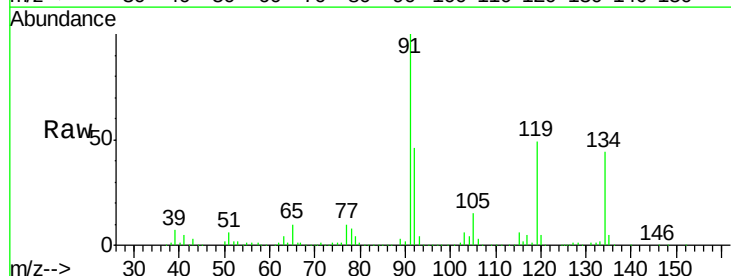
Instrument :
MSVOA_X
ClientSampled :

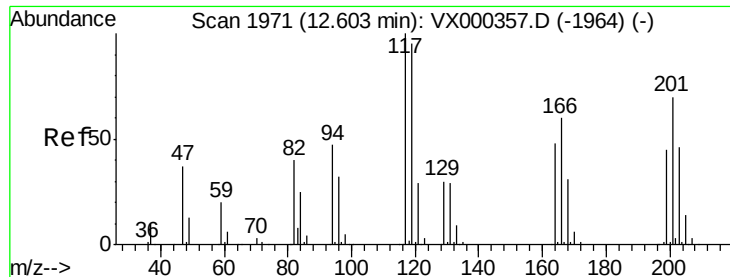
Tot Ion	Ratio	Lower	Upper
119	100		
134	30.1	13.3	39.9
91	0.0	12.0	36.1#



#89
n-Butylbenzene
Concen: 15.242 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000623.D
Acq: 01 Apr 2018 04:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	33.5	25.9	77.8
134	103.8	13.1	39.3#





#90

Hexachloroethane

Concen: 112.648 ug/l

RT: 12.71 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

Instrument :

MSVOA_X

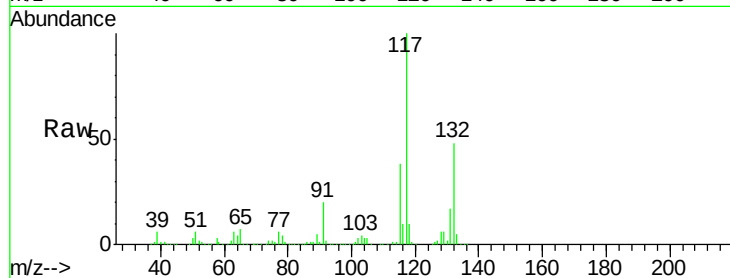
ClientSampled :

Tot Ion:117 Resp: 188291

Ion Ratio Lower Upper

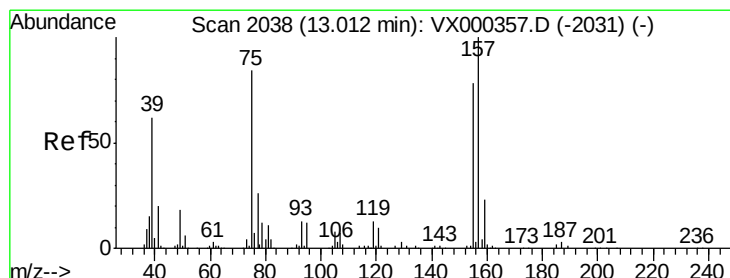
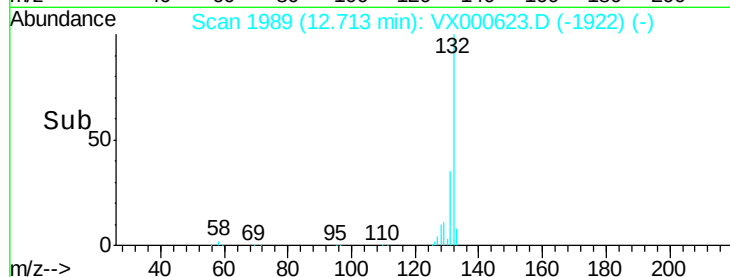
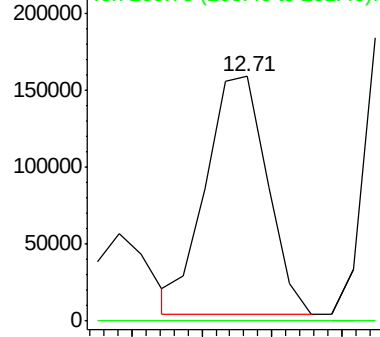
117 100

201 0.0 37.9 113.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.801 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.01 min

Lab File: VX000623.D

Acq: 01 Apr 2018 04:54

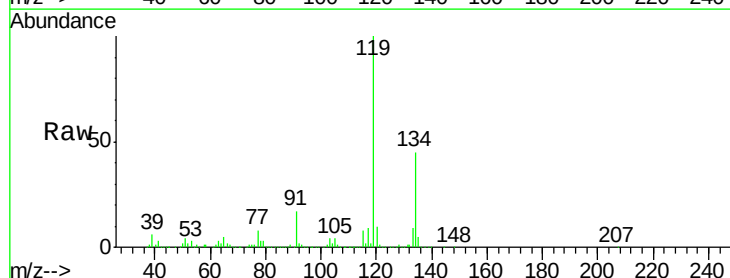
Tgt Ion: 75 Resp: 3149

Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

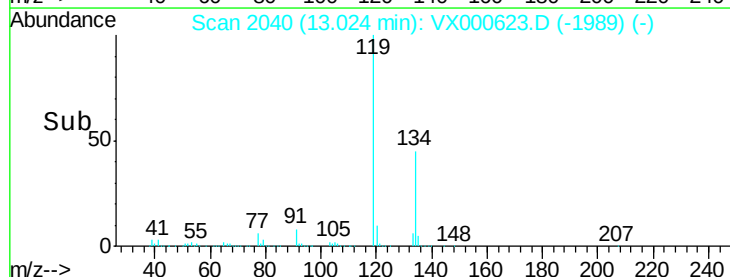
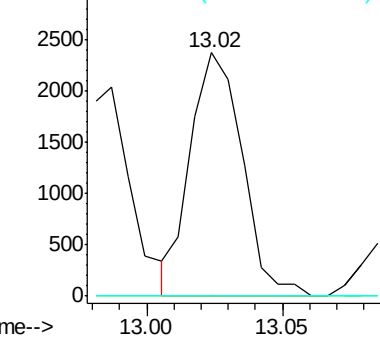
157 0.0 58.1 174.2#

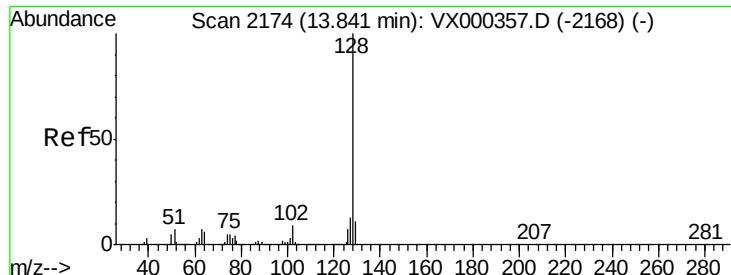


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
 Naphthalene
 Concen: 192.880 ug/l
 RT: 13.85 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: VX000623.D
 Acq: 01 Apr 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:128 Resp: 2710617
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.6 15.8
 129 11.0 8.9 13.3

