

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000656.D
 Acq On : 03 Apr 2018 17:47
 Operator : JC/MD
 Sample : VX0403WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Quant Time: Apr 04 02:56:56 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	136204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	217247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	152635	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78429	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	61454	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	8.72	98	258063	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
62) 4-Bromofluorobenzene	11.14	95	107906	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	24859	16.56	ug/l	95
3) Chloromethane	1.32	50	24942	15.77	ug/l	98
4) Vinyl Chloride	1.41	62	31044	18.58	ug/l	98
5) Bromomethane	1.64	94	27436	13.75	ug/l	95
6) Chloroethane	1.73	64	21145	22.22	ug/l	97
7) Trichlorofluoromethane	1.93	101	54264	17.99	ug/l	99
8) Diethyl Ether	2.19	74	19688	18.27	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31146	18.52	ug/l	95
10) Methyl Iodide	2.51	142	14986	12.50	ug/l	99
11) Tert butyl alcohol	3.06	59	54916	89.80	ug/l	98
12) 1,1-Dichloroethene	2.38	96	26183	17.74	ug/l	91
13) Acrolein	2.29	56	21449	118.02	ug/l	99
14) Allyl chloride	2.73	41	48989	18.72	ug/l	97
15) Acrylonitrile	3.15	53	114296	92.27	ug/l	100
16) Acetone	2.44	43	138098	93.37	ug/l	99
17) Carbon Disulfide	2.57	76	64058	16.32	ug/l	97
18) Methyl Acetate	2.78	43	58220	18.78	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	100859	18.47	ug/l	95
20) Methylene Chloride	2.86	84	32154	18.82	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	28858	17.52	ug/l	96
22) Diisopropyl ether	3.87	45	99291	21.51	ug/l	95
23) Vinyl Acetate	3.82	43	473957	108.33	ug/l	98
24) 1,1-Dichloroethane	3.71	63	55800	19.23	ug/l	98
25) 2-Butanone	4.70	43	152541	91.76	ug/l	98
26) 2,2-Dichloropropane	4.59	77	37784	18.58	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	28228	18.34	ug/l	100
28) Bromochloromethane	5.03	49	23550	19.68	ug/l	99
29) Tetrahydrofuran	5.17	42	95333	93.20	ug/l	99
30) Chloroform	5.22	83	52956	19.47	ug/l	93
31) Cyclohexane	5.58	56	38992	17.38	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	45886	18.70	ug/l	97
36) 1,1-Dichloropropene	5.81	75	39176	19.25	ug/l	99
37) Ethyl Acetate	4.86	43	52102	18.74	ug/l	98
38) Carbon Tetrachloride	5.79	117	38660	18.11	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	46716	18.88	ug/l	93
40) Benzene	6.15	78	112663	19.06	ug/l	100
41) Methacrylonitrile	5.06	41	26685	18.21	ug/l	97
42) 1,2-Dichloroethane	6.20	62	44394	19.15	ug/l	99
43) Isopropyl Acetate	6.47	43	79688	19.26	ug/l	99
44) Trichloroethene	7.22	130	34344	20.29	ug/l	96
45) 1,2-Dichloropropane	7.52	63	31185	20.62	ug/l	93
46) Dibromomethane	7.67	93	24016	20.23	ug/l	99
47) Bromodichloromethane	7.90	83	42498	20.34	ug/l	97
48) Methyl methacrylate	7.78	41	39788	19.81	ug/l	98
49) 1,4-Dioxane	7.76	88	16358	387.40	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	330013	103.04	ug/l	97
52) Toluene	8.79	92	83158	20.13	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	47633	19.68	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	48771	20.77	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	35598	20.95	ug/l	95
56) Ethyl methacrylate	9.19	69	51484	20.00	ug/l	99
57) 1,3-Dichloropropane	9.38	76	56826	20.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	91858	74.34	ug/l	98
59) 2-Hexanone	9.51	43	279426	102.75	ug/l	99
60) Dibromochloromethane	9.59	129	36672	20.85	ug/l	98
61) 1,2-Dibromoethane	9.68	107	39178	21.50	ug/l	97
64) Tetrachloroethene	9.34	164	34809	19.00	ug/l	97
65) Chlorobenzene	10.15	112	102538	19.52	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	34842	19.53	ug/l	97
67) Ethyl Benzene	10.26	91	172625	19.38	ug/l	100
68) m/p-Xylenes	10.37	106	134431	38.36	ug/l	99
69) o-Xylene	10.71	106	66335	19.55	ug/l	100
70) Styrene	10.72	104	111308	19.83	ug/l	99
71) Bromoform	10.87	173	29592	19.17	ug/l #	97
73) Isopropylbenzene	11.02	105	185090	18.30	ug/l	100
74) N-amyl acetate	6.47	43	79688	15.83	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66948	18.72	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	75165	22.91	ug/l	83
77) Bromobenzene	11.26	156	46853	17.39	ug/l	99
78) n-propylbenzene	11.37	91	231552	19.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	127115	18.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	157626	18.54	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	17507	17.28	ug/l	93
82) 4-Chlorotoluene	11.52	91	156729	18.84	ug/l	100
83) tert-Butylbenzene	11.77	119	156472	18.25	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	167558	18.79	ug/l	99
85) sec-Butylbenzene	11.95	105	203195	19.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	181738	19.28	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	95102	18.67	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	101914	19.06	ug/l	97
89) n-Butylbenzene	12.40	91	182962	20.85	ug/l	99
90) Hexachloroethane	12.60	117	28206	19.01	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	96986	19.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18228	18.27	ug/l	99

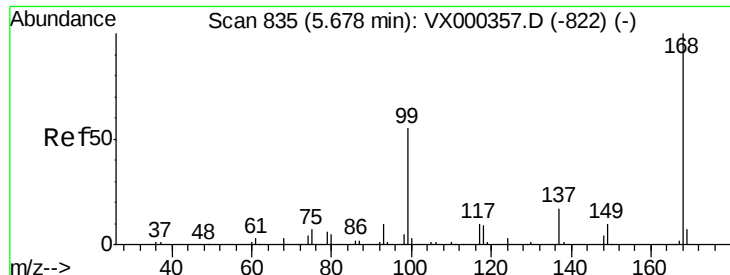
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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73163	20.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	29491	19.89	ug/l	97
95) Naphthalene	13.84	128	246208	19.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	72806	20.58	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

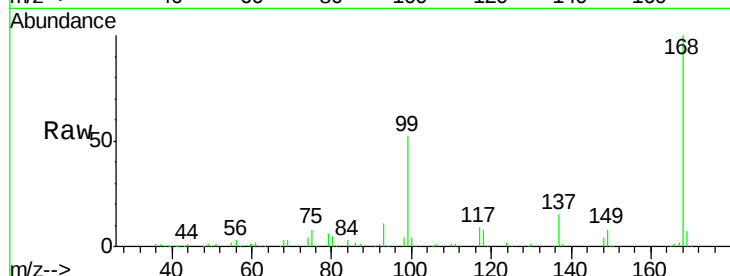
VX0403WBSD01

Tgt Ion:168 Resp: 136204

Ion Ratio Lower Upper

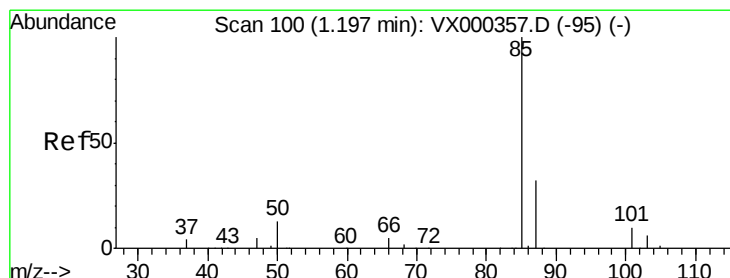
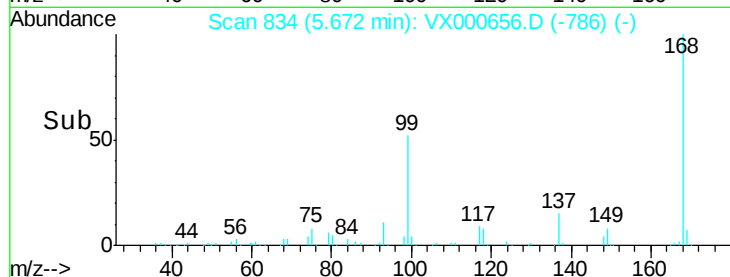
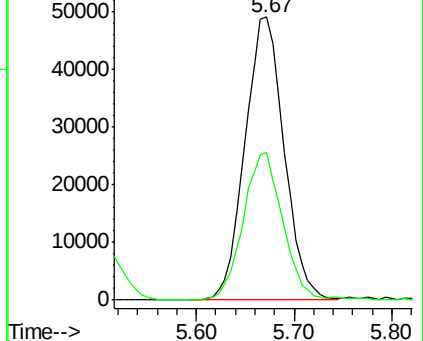
168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.56 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000656.D

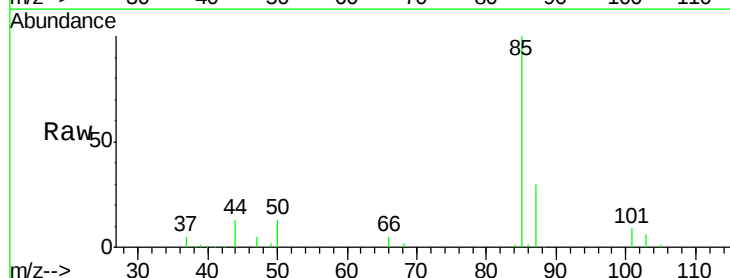
Acq: 03 Apr 2018 17:47

Tgt Ion: 85 Resp: 24859

Ion Ratio Lower Upper

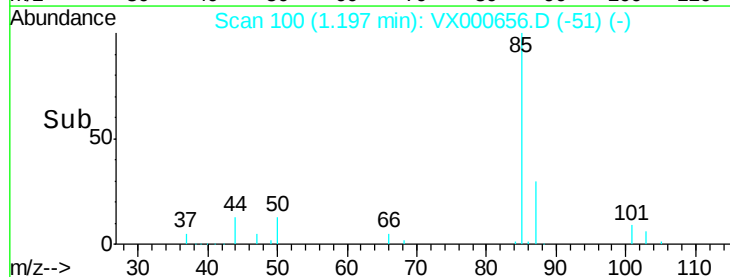
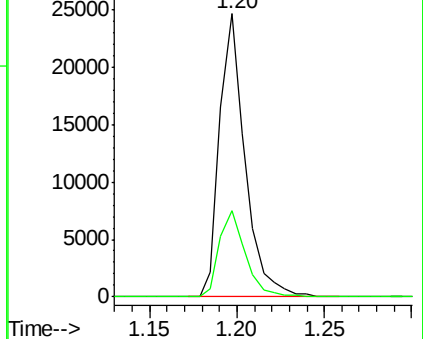
85 100

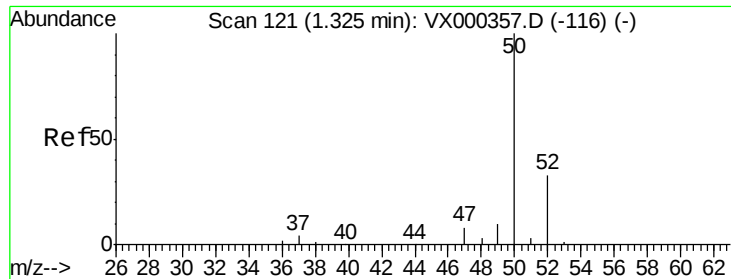
87 30.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.77 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

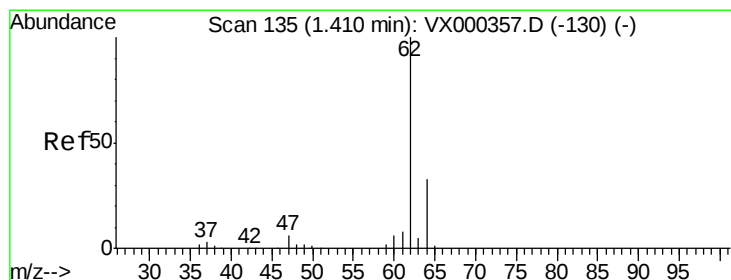
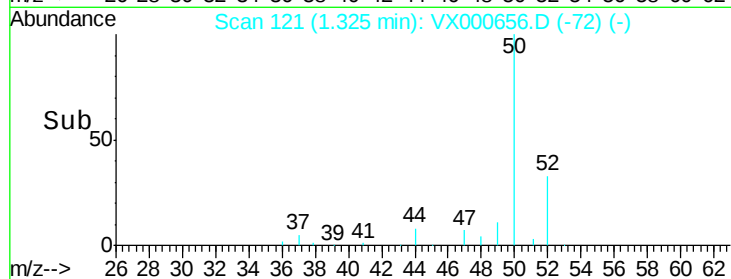
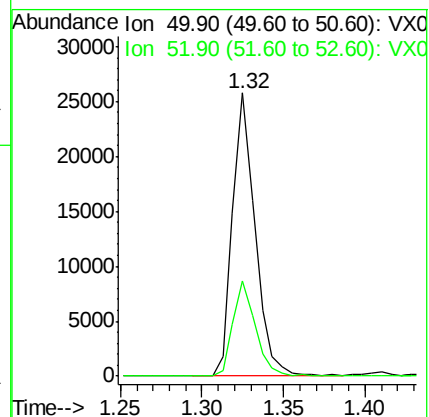
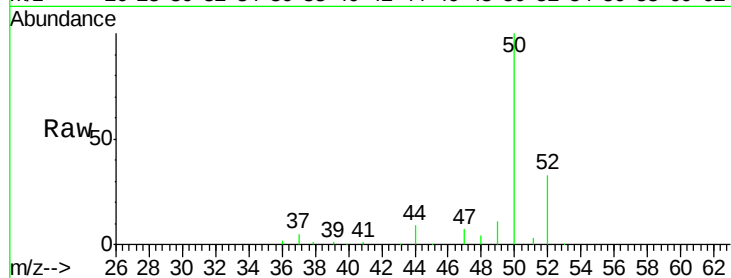
VX0403WBSD01

Tgt Ion: 50 Resp: 24942

Ion Ratio Lower Upper

50 100

52 33.5 27.5 41.3



#4

Vinyl Chloride

Concen: 18.58 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000656.D

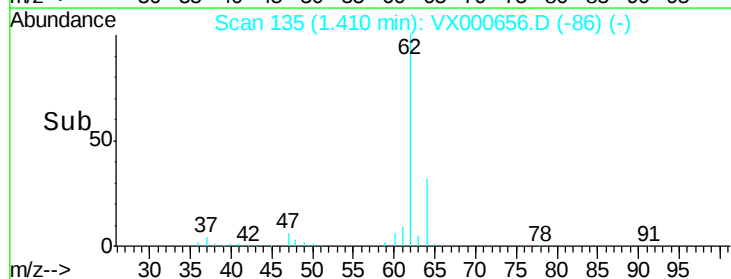
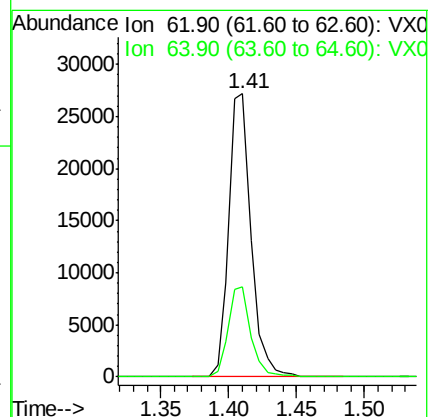
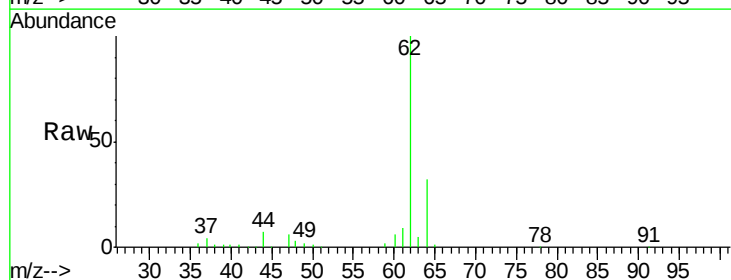
Acq: 03 Apr 2018 17:47

Tgt Ion: 62 Resp: 31044

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 13.75 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

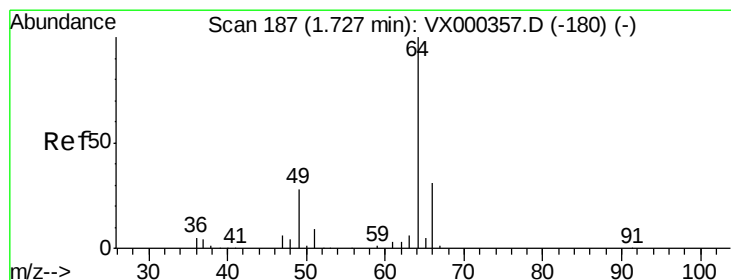
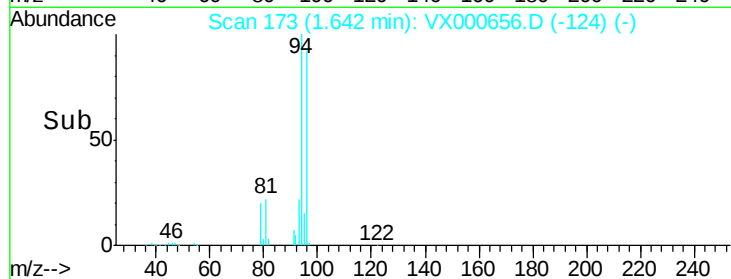
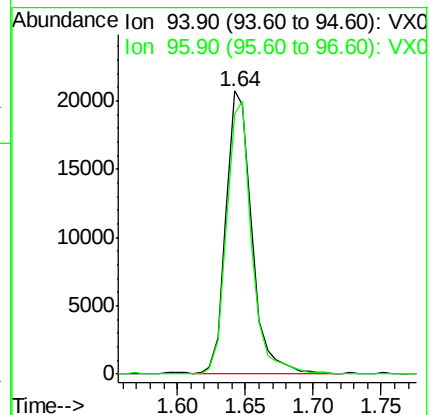
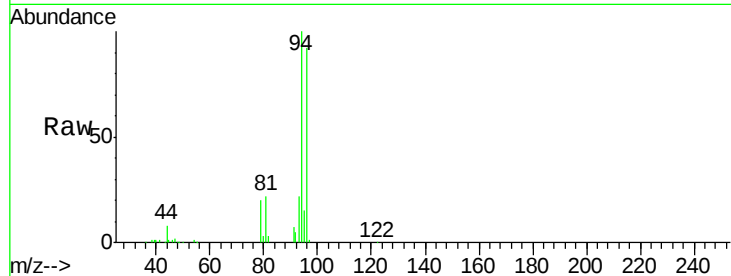
VX0403WBSD01

Tgt Ion: 94 Resp: 27436

Ion Ratio Lower Upper

94 100

96 91.7 77.7 116.5



#6

Chloroethane

Concen: 22.22 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000656.D

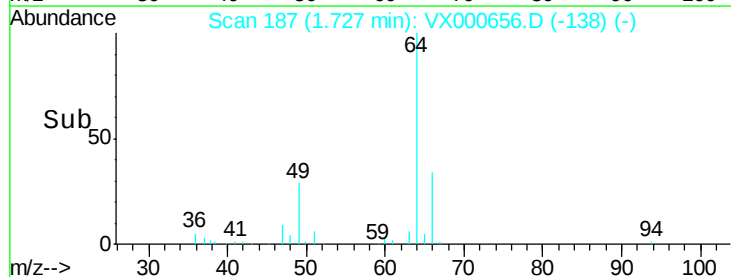
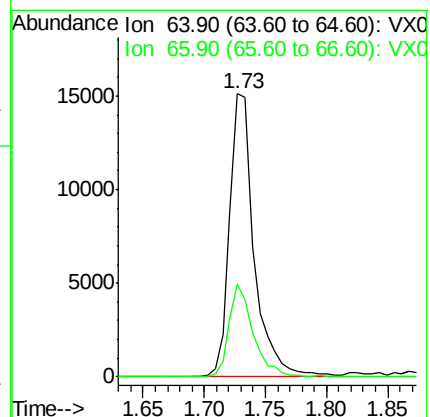
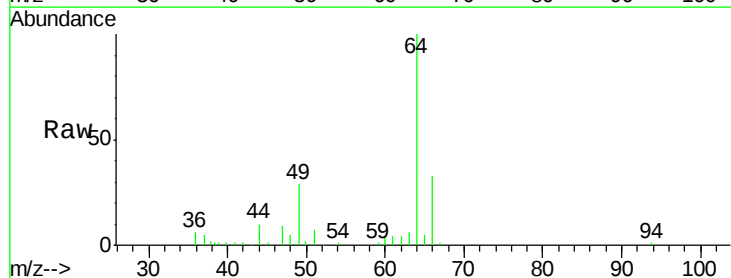
Acq: 03 Apr 2018 17:47

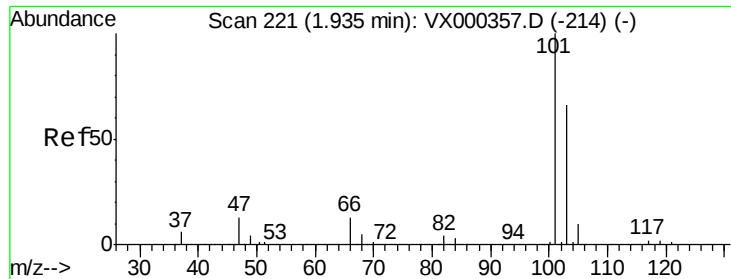
Tgt Ion: 64 Resp: 21145

Ion Ratio Lower Upper

64 100

66 32.6 24.8 37.2



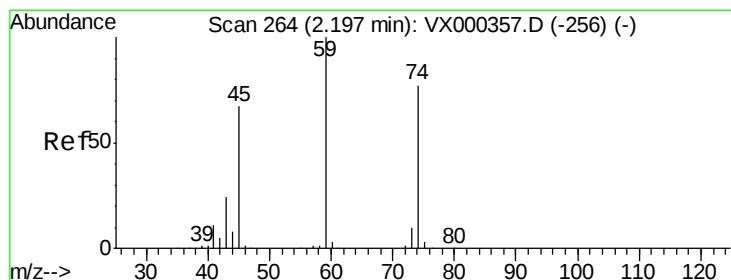
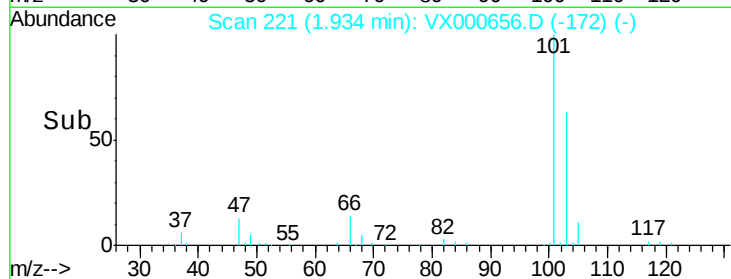
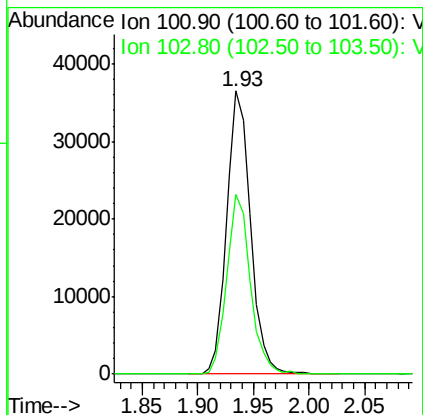
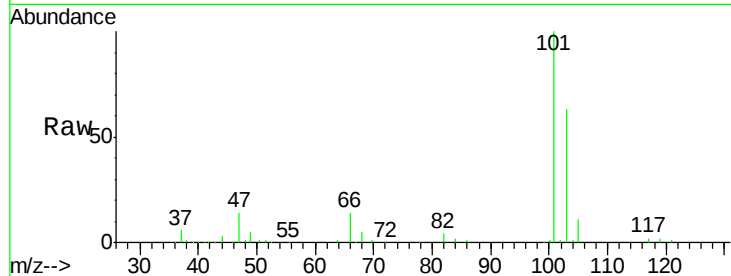


#7

Trichlorofluoromethane
 Concen: 17.99 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

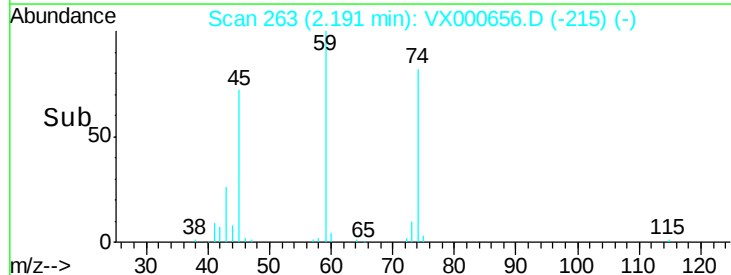
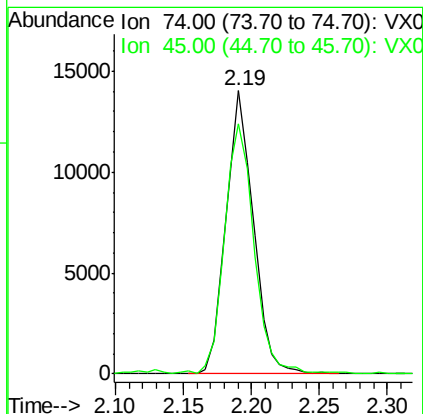
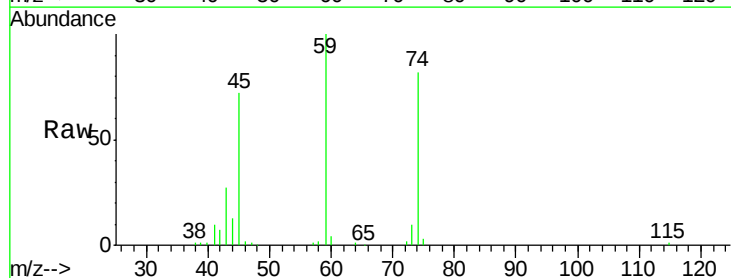
Tgt Ion: 101 Resp: 54264
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4



#8

Diethyl Ether
 Concen: 18.27 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 74 Resp: 19688
 Ion Ratio Lower Upper
 74 100
 45 95.4 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.52 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

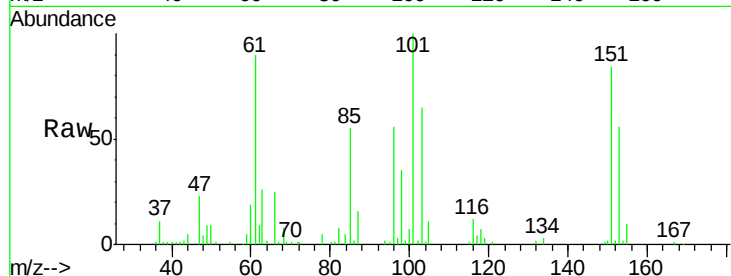
Tgt Ion:101 Resp: 31146

Ion Ratio Lower Upper

101 100

85 51.2 37.6 56.4

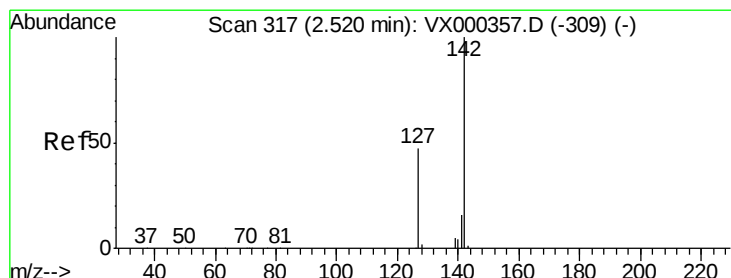
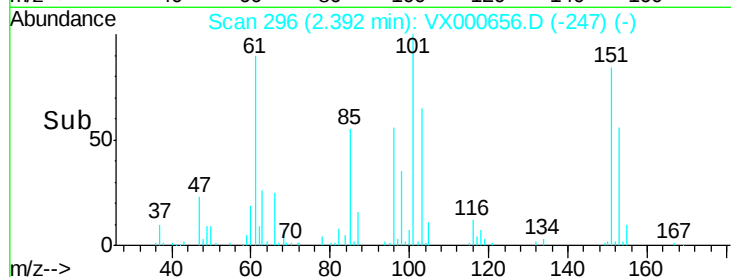
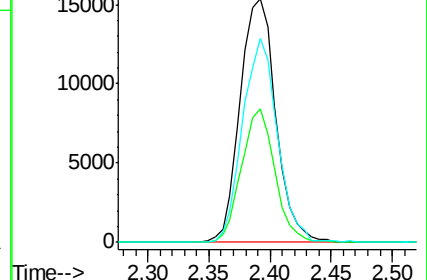
151 81.9 62.6 93.8



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



#10

Methyl Iodide

Concen: 12.50 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

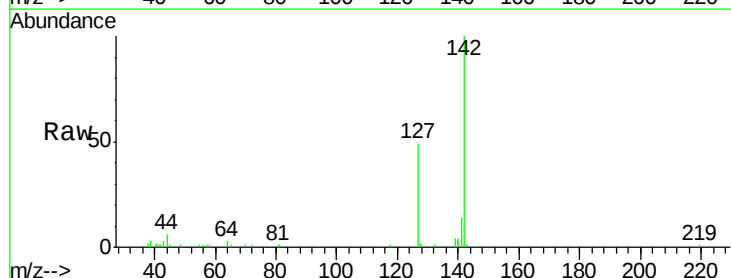
Tgt Ion:142 Resp: 14986

Ion Ratio Lower Upper

142 100

127 49.3 39.2 58.8

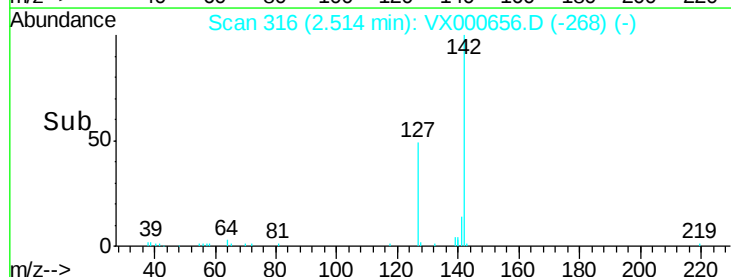
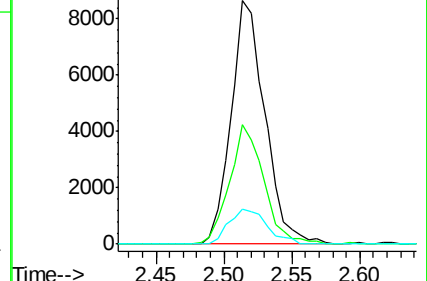
141 16.1 11.7 17.5

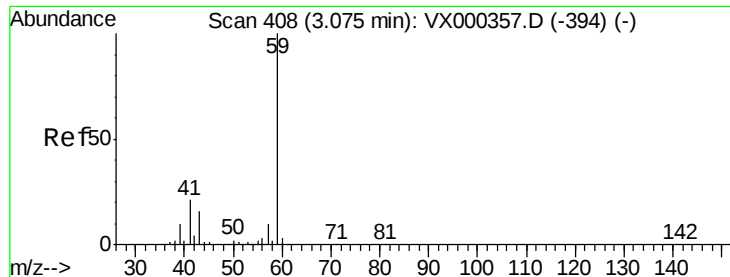


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

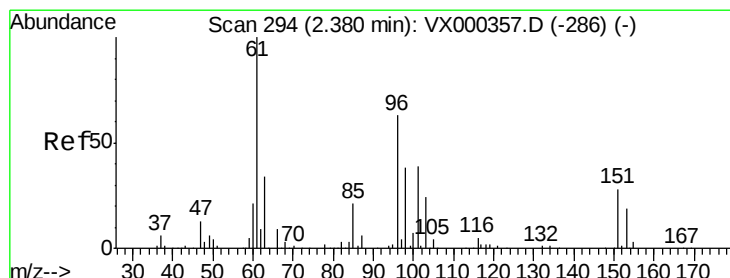
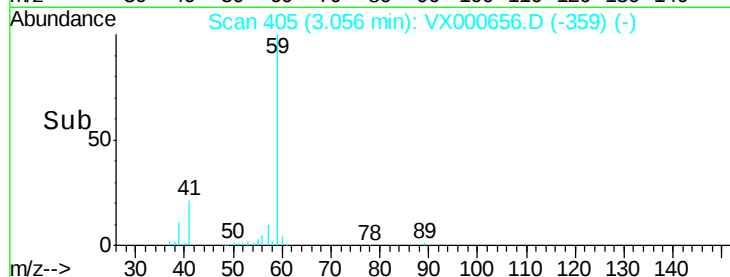
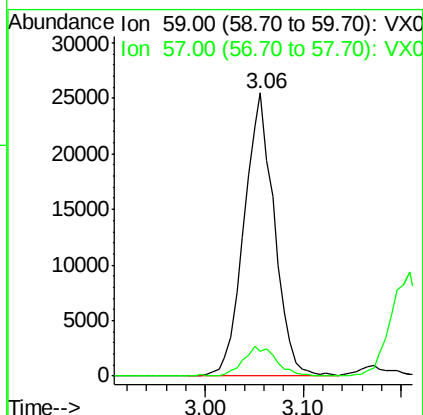
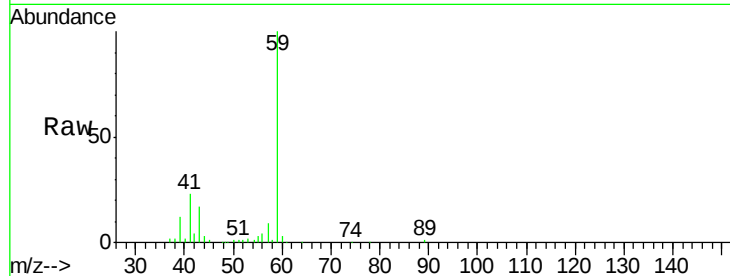




#11
Tert butyl alcohol
Concen: 89.80 ug/l
RT: 3.06 min Scan# 405
Delta R.T. -0.02 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

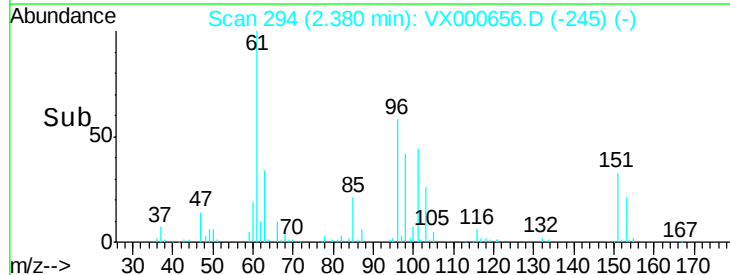
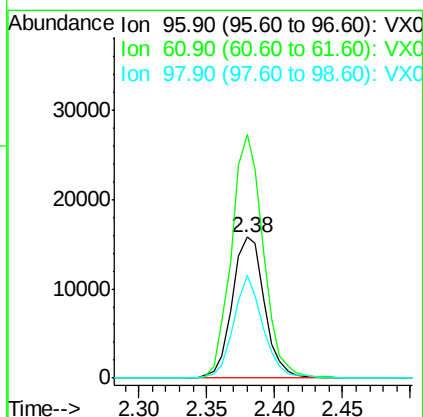
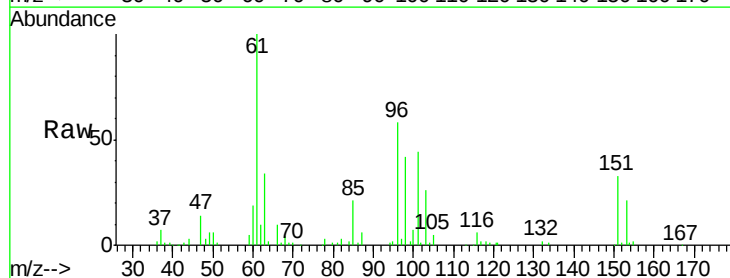
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

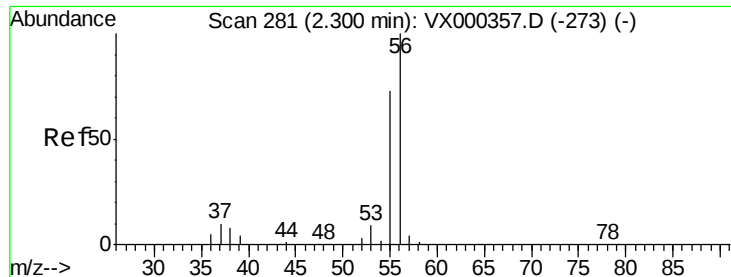
Tgt Ion: 59 Resp: 54916
Ion Ratio Lower Upper
59 100
57 11.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.74 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 96 Resp: 26183
Ion Ratio Lower Upper
96 100
61 172.8 131.2 196.8
98 72.9 49.8 74.8





#13

Acrolein

Concen: 118.02 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

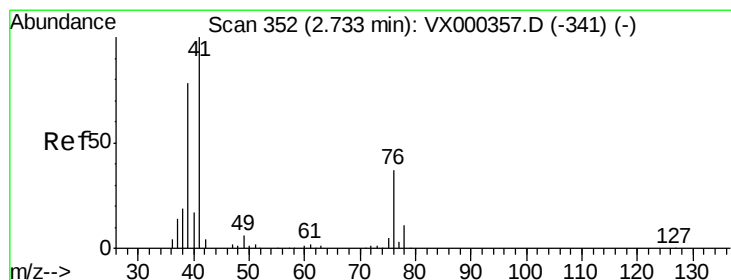
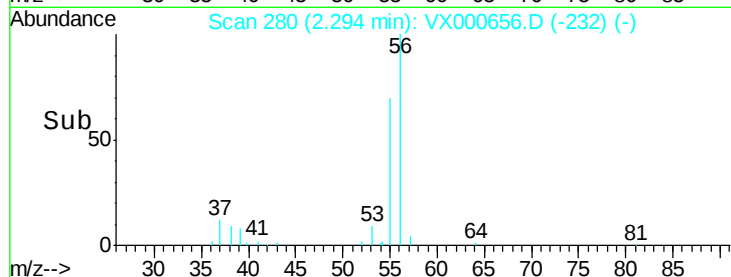
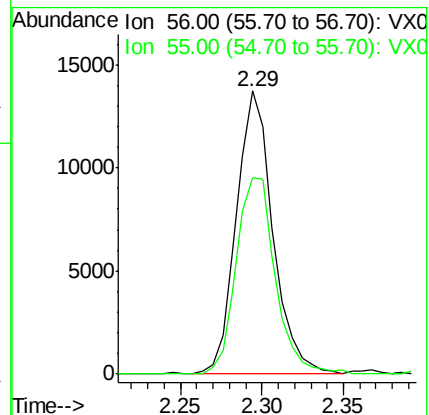
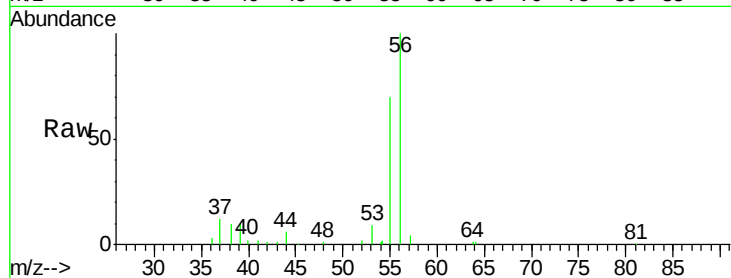
VX0403WBSD01

Tgt Ion: 56 Resp: 21449

Ion Ratio Lower Upper

56 100

55 74.2 58.8 88.2



#14

Allyl chloride

Concen: 18.72 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

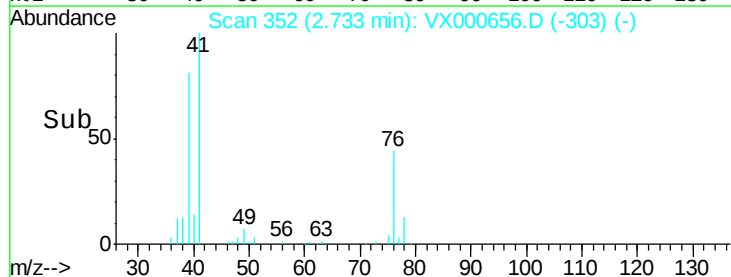
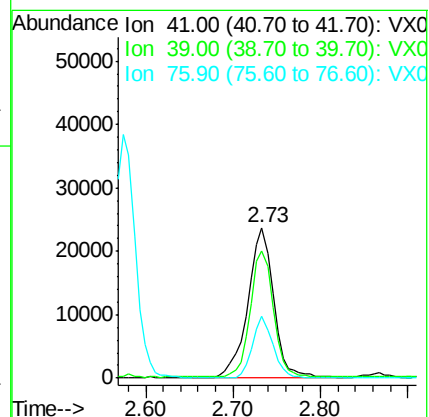
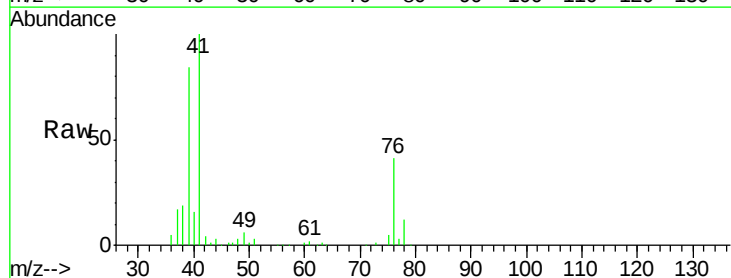
Tgt Ion: 41 Resp: 48989

Ion Ratio Lower Upper

41 100

39 74.2 57.6 86.4

76 32.3 27.3 40.9





#15

Acrylonitrile

Concen: 92.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

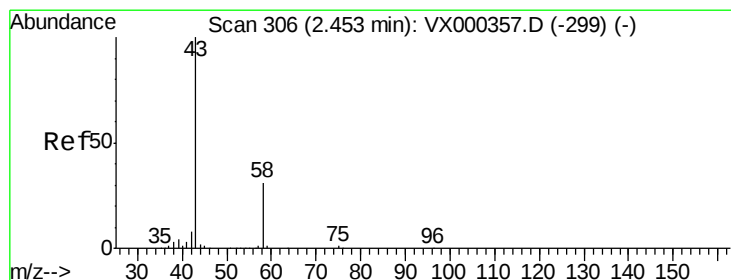
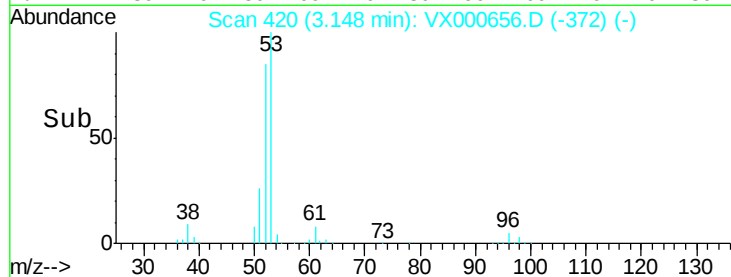
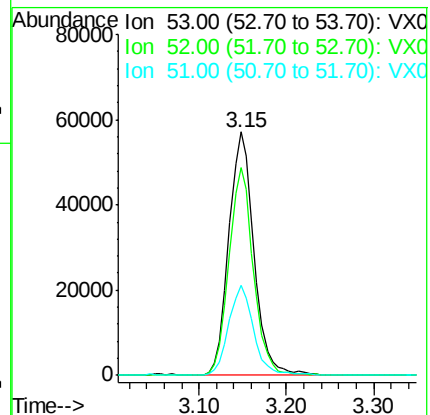
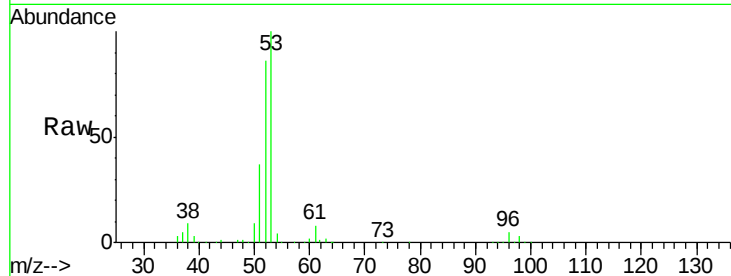
Tgt Ion: 53 Resp: 114296

Ion Ratio Lower Upper

53 100

52 82.7 66.6 99.8

51 36.8 29.3 43.9



#16

Acetone

Concen: 93.37 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX000656.D

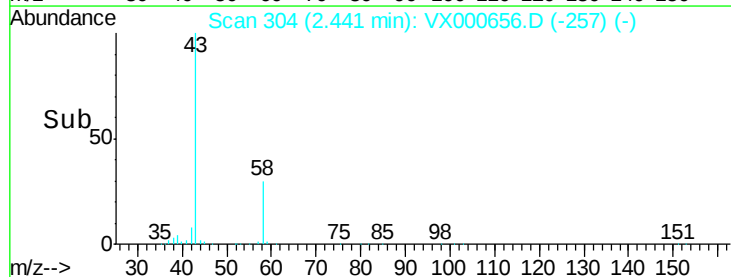
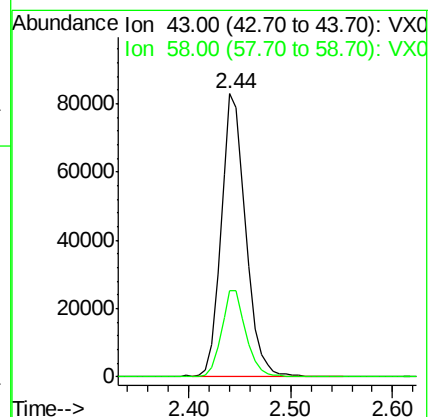
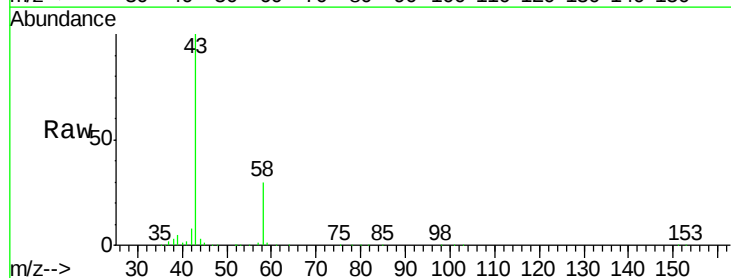
Acq: 03 Apr 2018 17:47

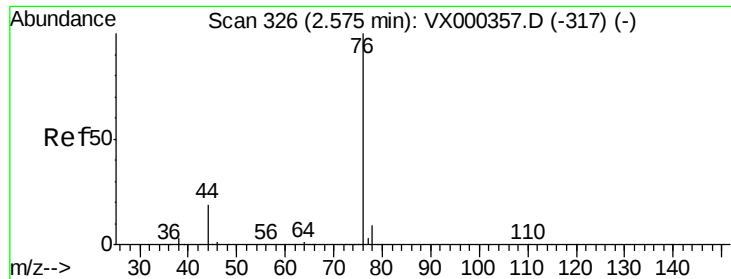
Tgt Ion: 43 Resp: 138098

Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1

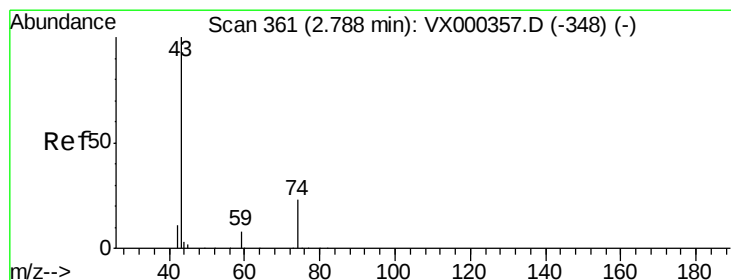
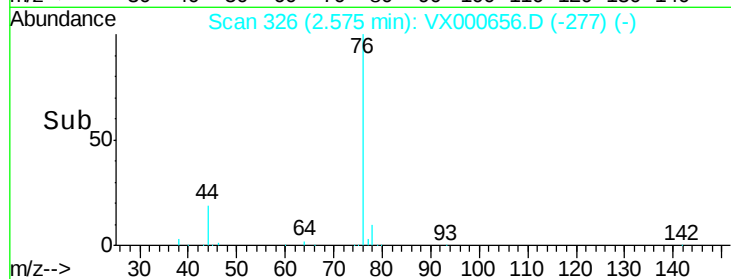
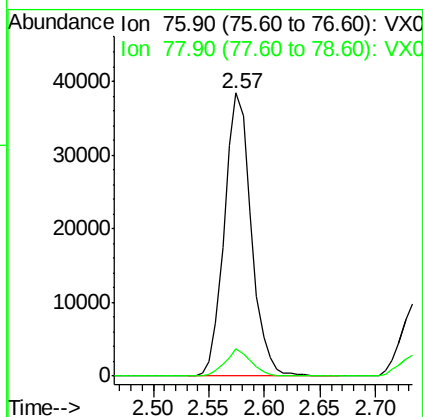
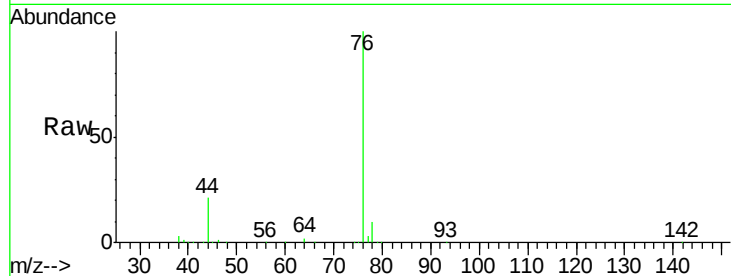




#17
 Carbon Disulfide
 Concen: 16.32 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

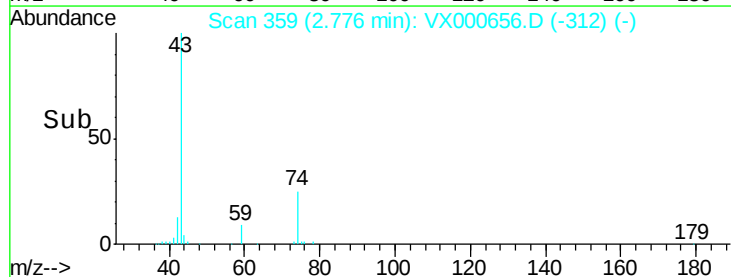
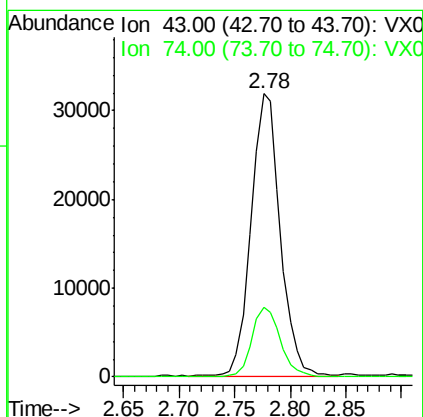
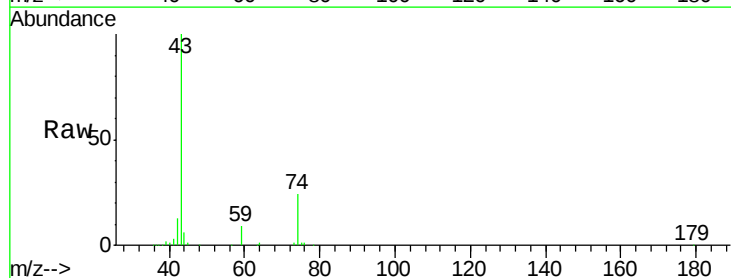
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

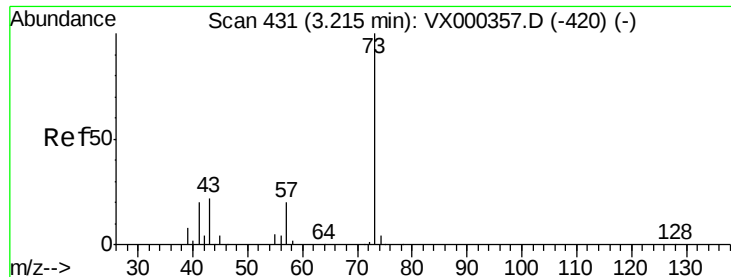
Tgt Ion: 76 Resp: 64058
 Ion Ratio Lower Upper
 76 100
 78 9.7 7.0 10.6



#18
 Methyl Acetate
 Concen: 18.78 ug/l
 RT: 2.78 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 43 Resp: 58220
 Ion Ratio Lower Upper
 43 100
 74 24.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 18.47 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

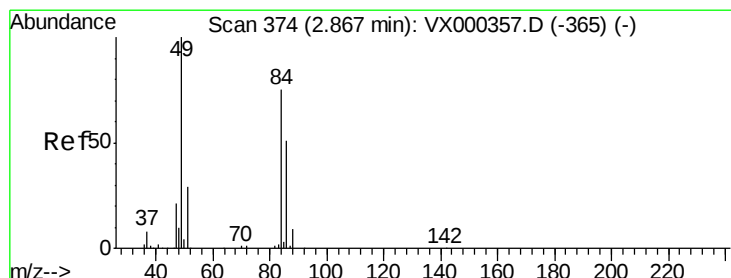
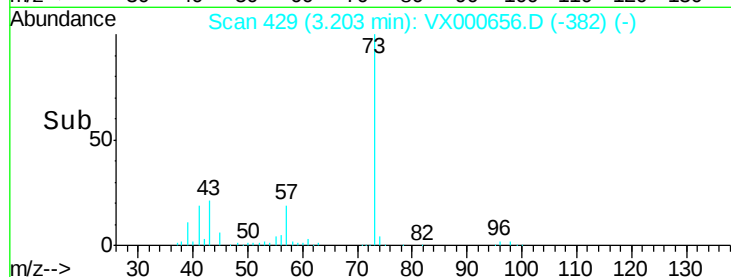
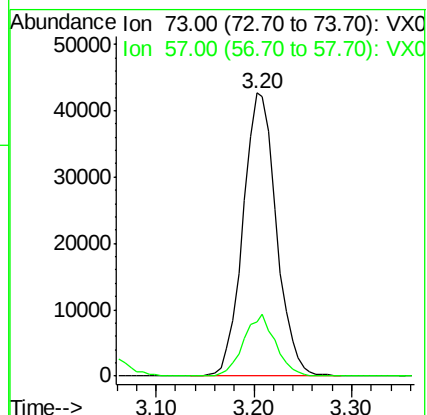
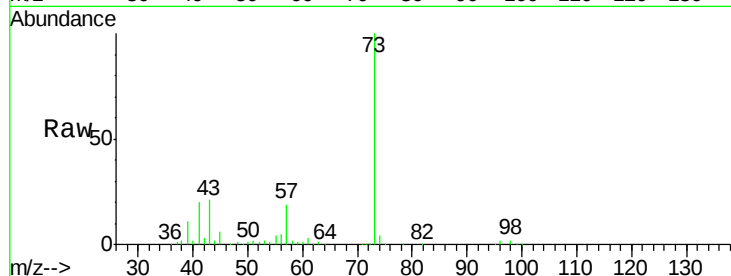
VX0403WBSD01

Tgt Ion: 73 Resp: 100859

Ion Ratio Lower Upper

73 100

57 19.3 17.2 25.8



#20

Methylene Chloride

Concen: 18.82 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion: 84 Resp: 32154

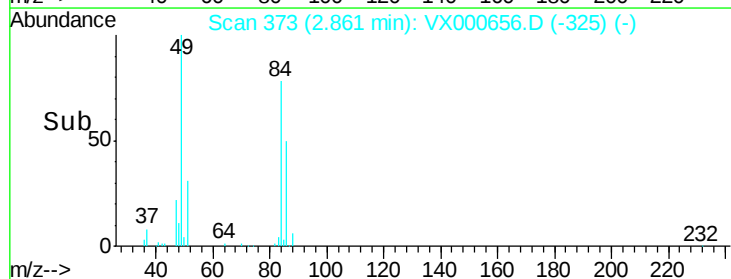
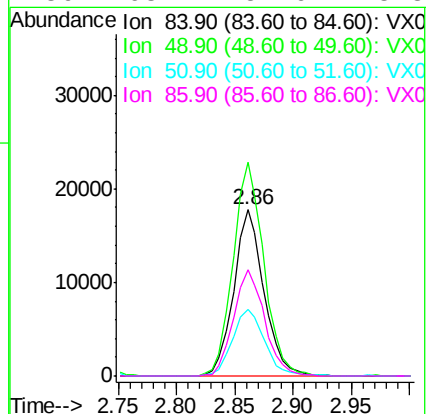
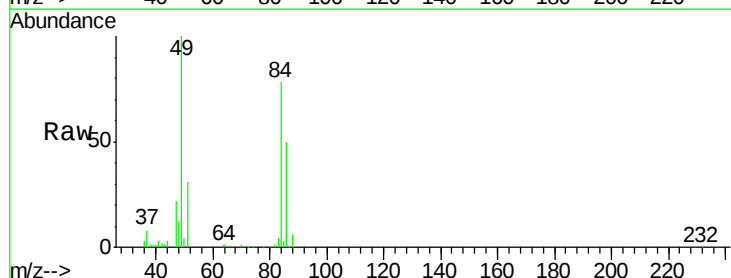
Ion Ratio Lower Upper

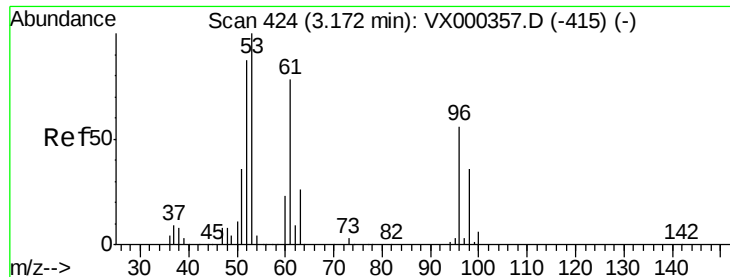
84 100

49 128.6 100.6 151.0

51 40.0 31.6 47.4

86 63.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 17.52 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

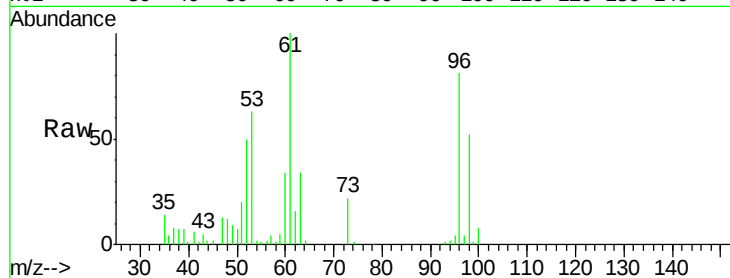
Tgt Ion: 96 Resp: 28858

Ion Ratio Lower Upper

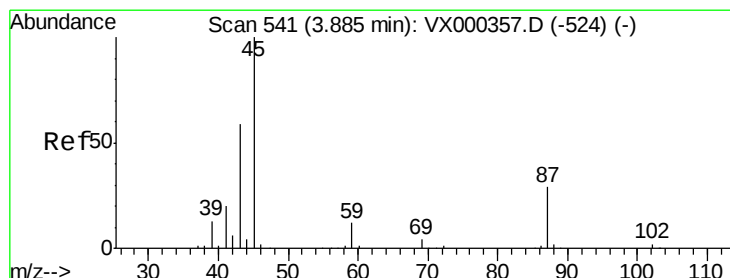
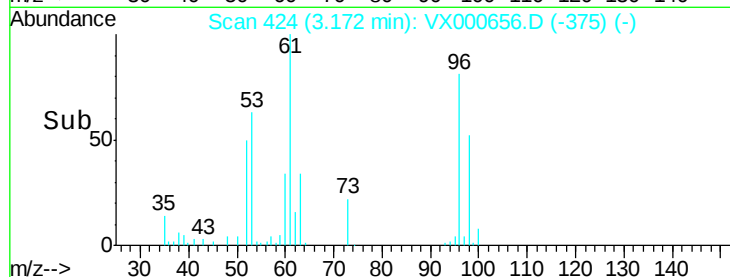
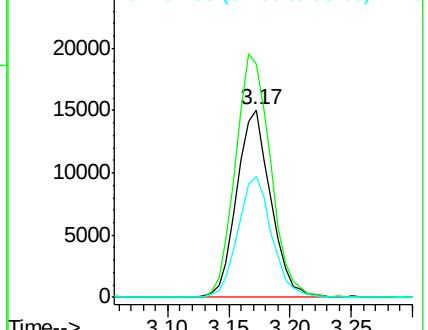
96 100

61 124.2 104.0 156.0

98 64.5 52.1 78.1



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



#22

Diisopropyl ether

Concen: 21.51 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion: 45 Resp: 99291

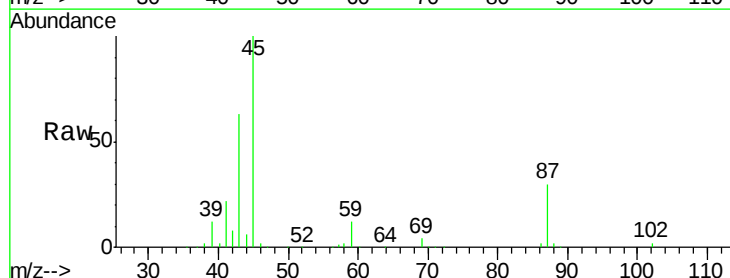
Ion Ratio Lower Upper

45 100

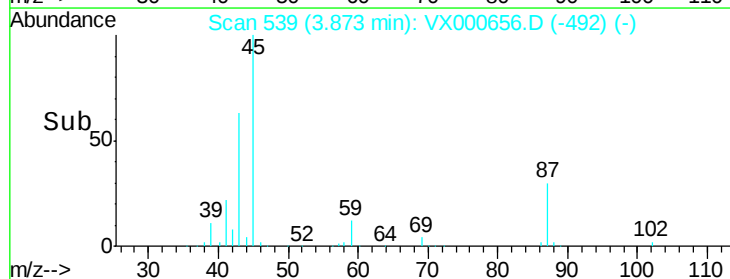
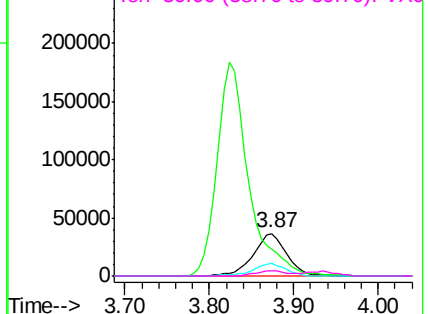
43 62.1 53.9 80.9

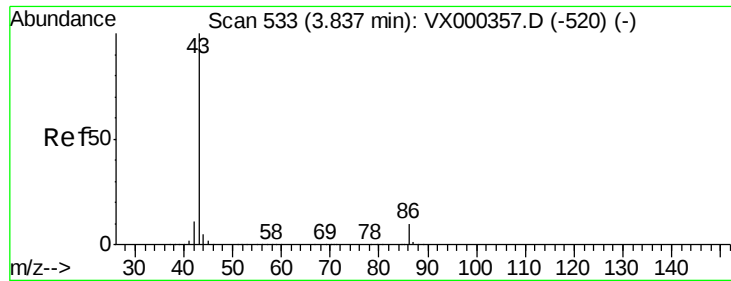
87 30.3 22.6 34.0

59 11.9 9.5 14.3



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: 108.33 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

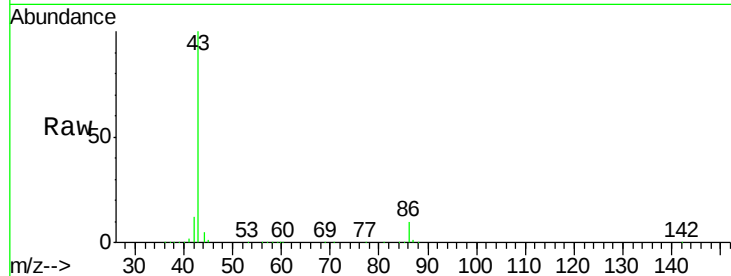
VX0403WBSD01

Tgt Ion: 43 Resp: 473957

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

200000

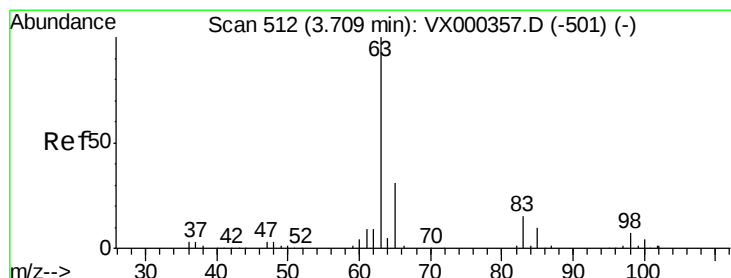
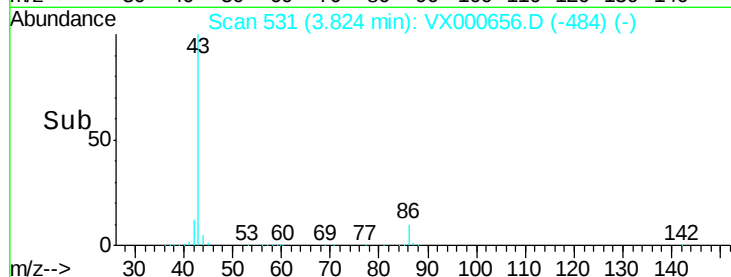
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.23 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

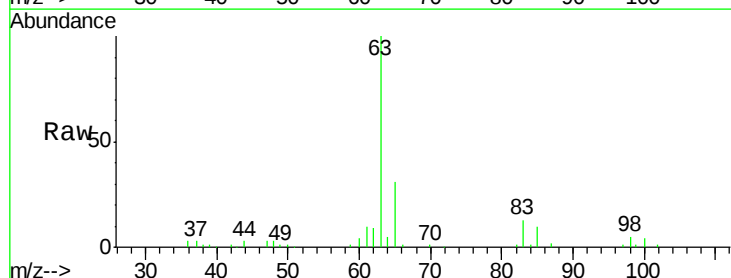
Tgt Ion: 63 Resp: 55800

Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.9

100 3.7 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

3.71

30000

25000

20000

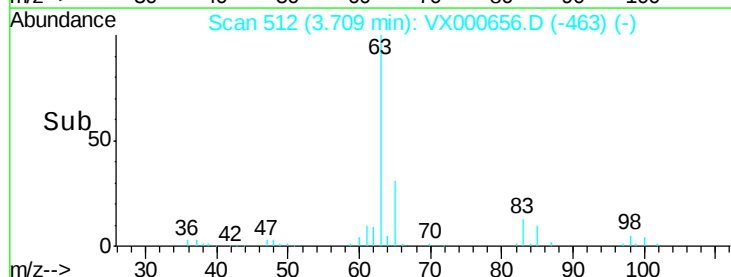
15000

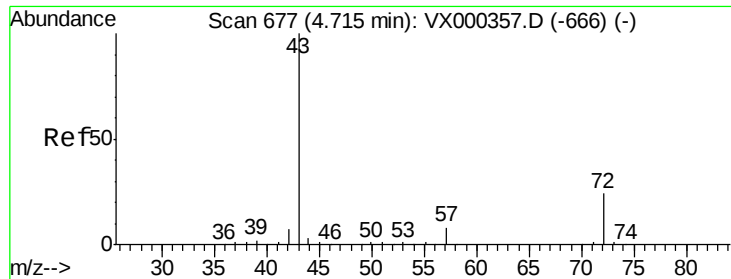
10000

5000

0

Time-->





#25

2-Butanone

Concen: 91.76 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

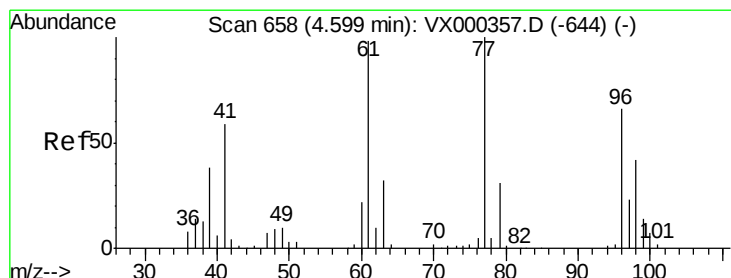
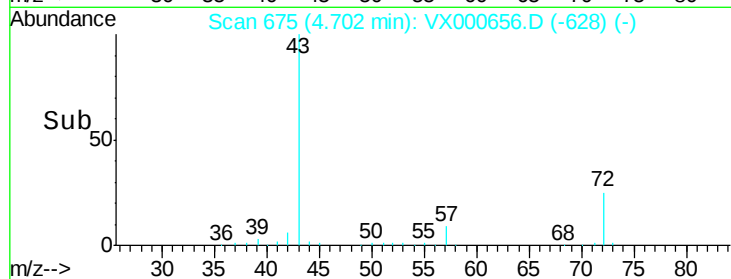
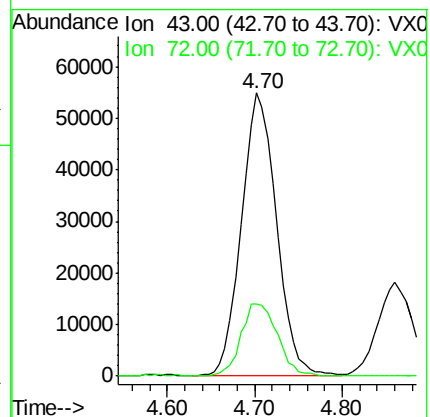
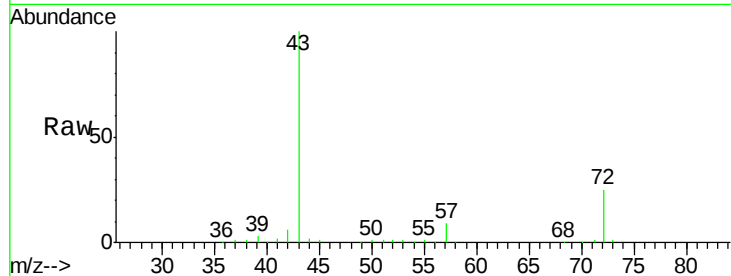
VX0403WBSD01

Tgt Ion: 43 Resp: 152541

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.58 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000656.D

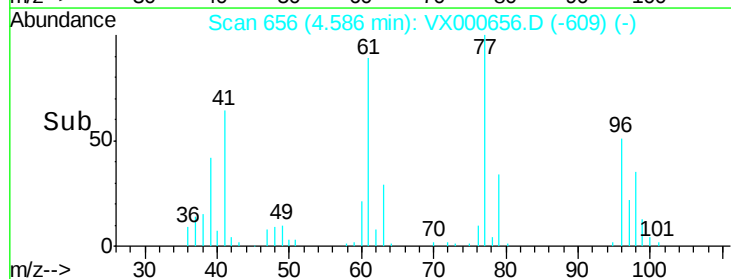
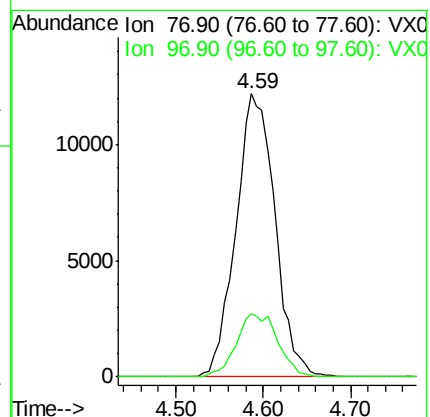
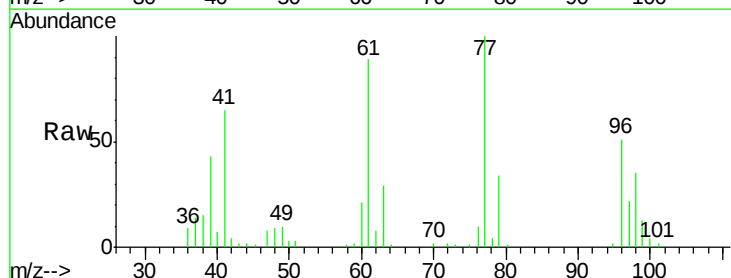
Acq: 03 Apr 2018 17:47

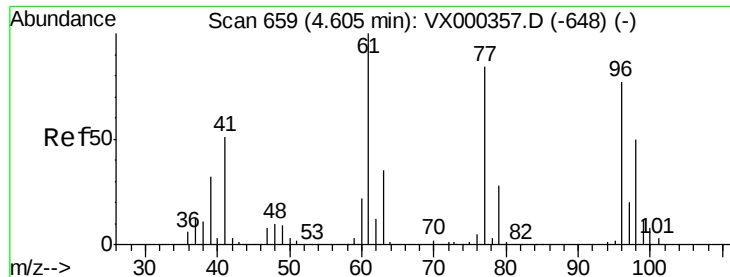
Tgt Ion: 77 Resp: 37784

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.8



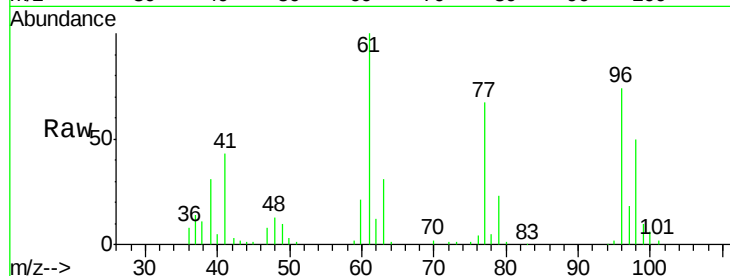


#27

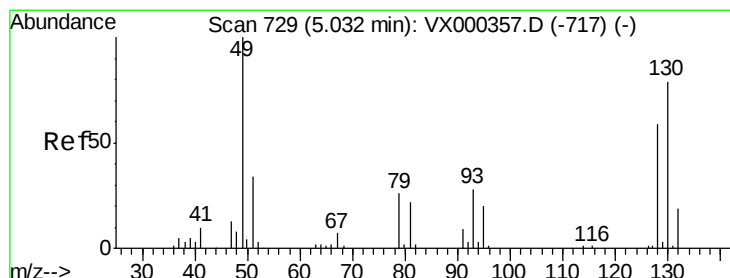
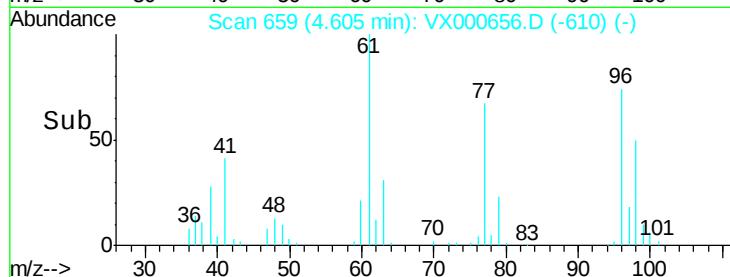
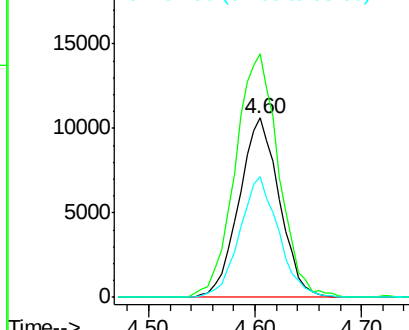
cis-1,2-Dichloroethene
 Concen: 18.34 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 96 Resp: 28228
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 291.6
 98 65.1 0.0 132.0



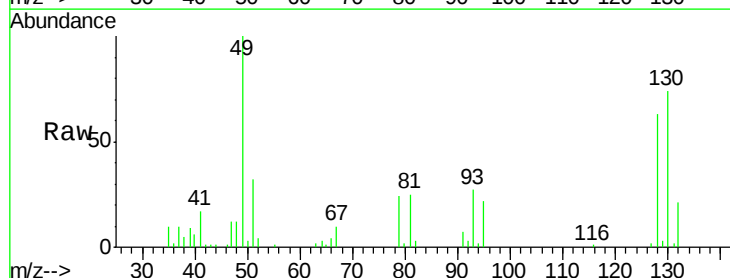
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



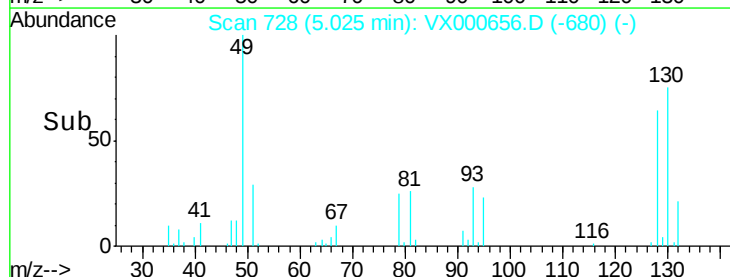
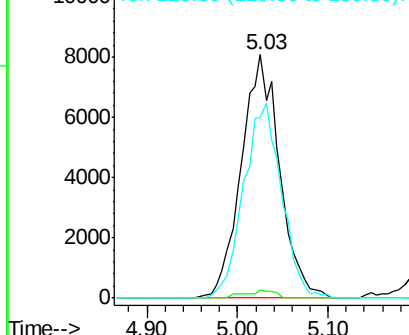
#28

Bromochloromethane
 Concen: 19.68 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 49 Resp: 23550
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.0
 130 79.4 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

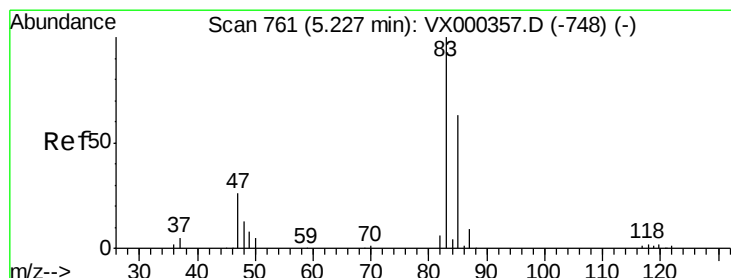
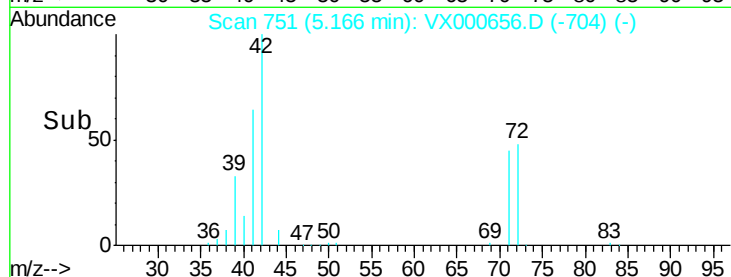
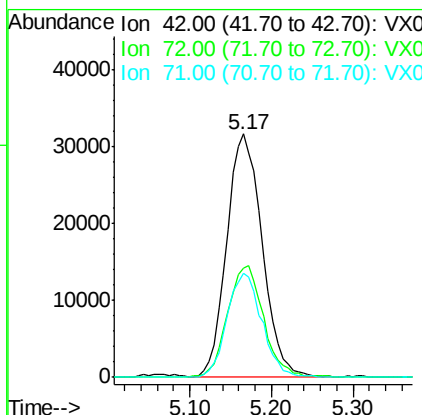
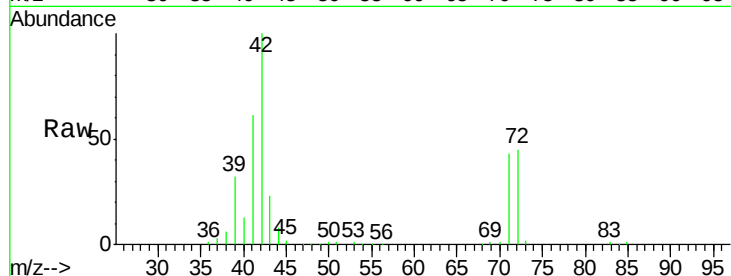




#29
Tetrahydrofuran
Concen: 93.20 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

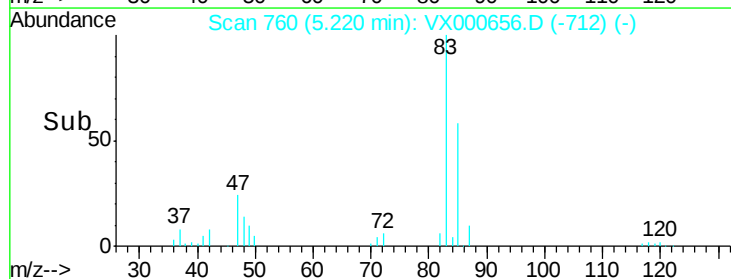
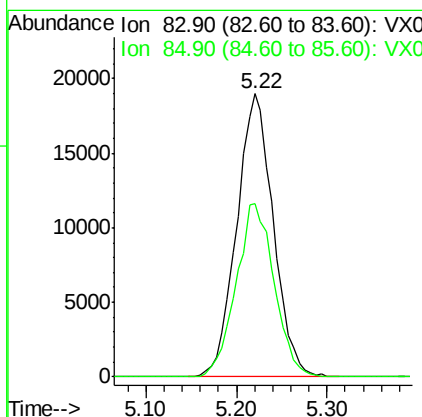
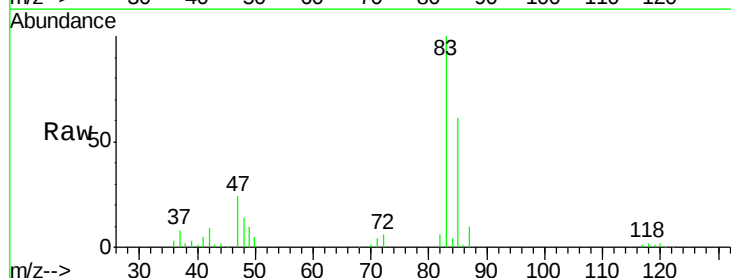
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

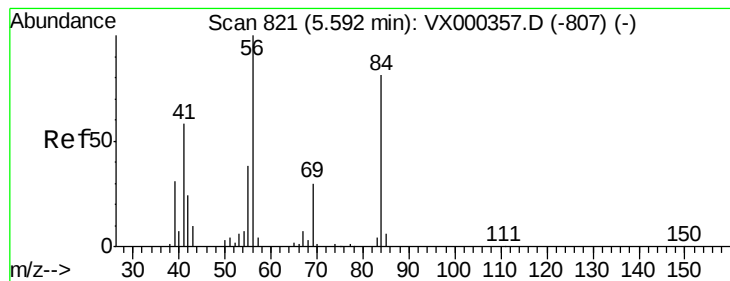
Tgt Ion: 42 Resp: 95333
Ion Ratio Lower Upper
42 100
72 46.5 37.9 56.9
71 42.1 34.4 51.6



#30
Chloroform
Concen: 19.47 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 83 Resp: 52956
Ion Ratio Lower Upper
83 100
85 61.3 53.3 79.9





#31

Cyclohexane

Concen: 17.38 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VX0403WBSD01

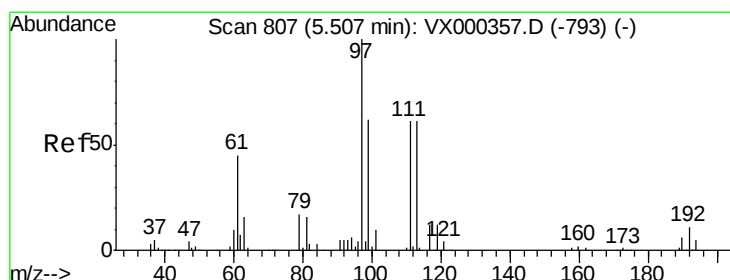
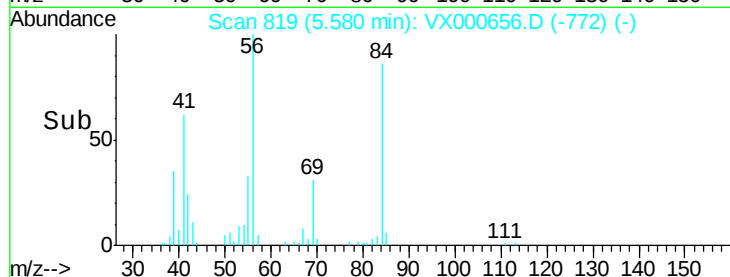
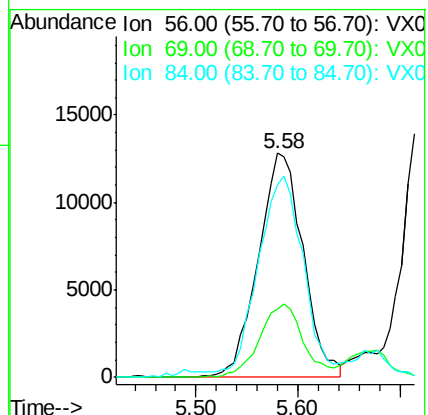
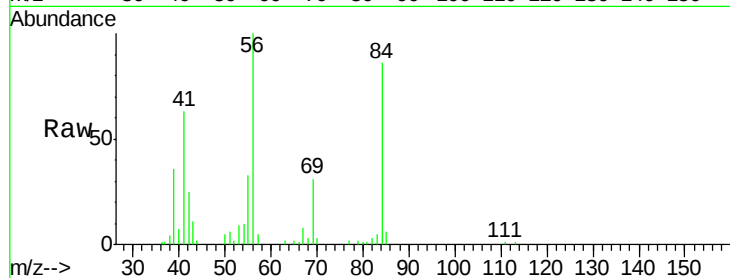
Tgt Ion: 56 Resp: 38992

Ion Ratio Lower Upper

56 100

69 30.5 23.4 35.0

84 83.5 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 18.70 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

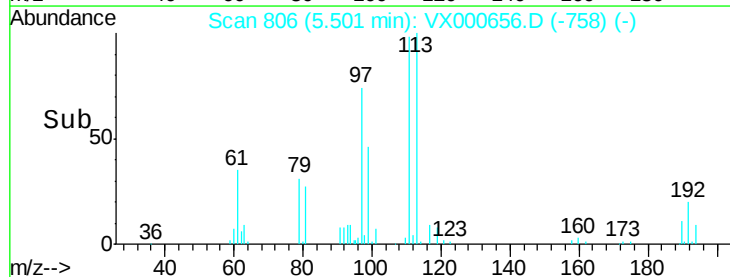
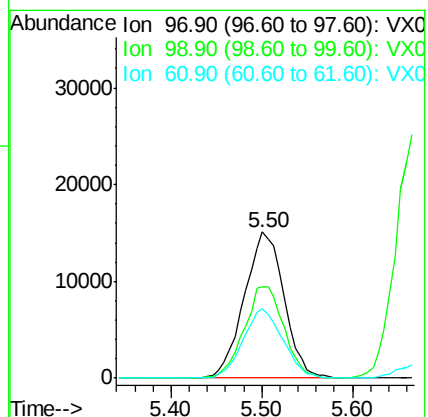
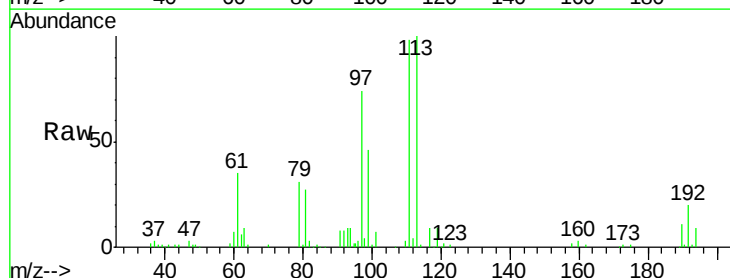
Tgt Ion: 97 Resp: 45886

Ion Ratio Lower Upper

97 100

99 62.3 52.1 78.1

61 47.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 44.11 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

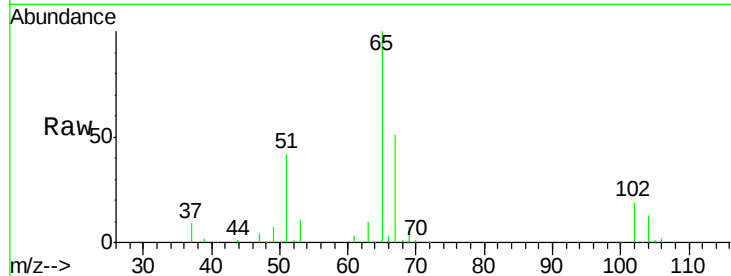
VX0403WBSD01

Tgt Ion: 65 Resp: 78429

Ion Ratio Lower Upper

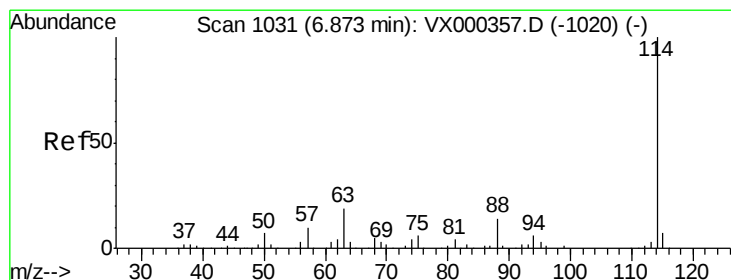
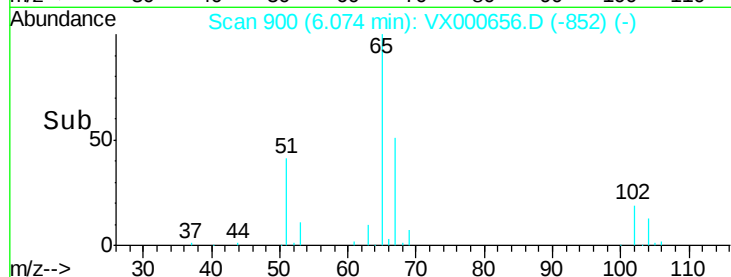
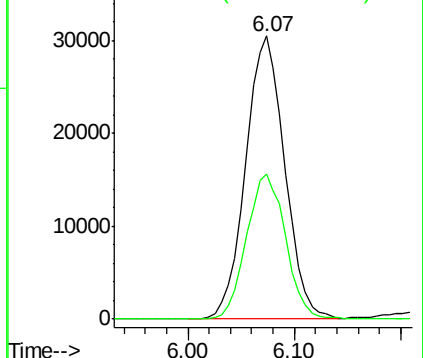
65 100

67 51.1 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

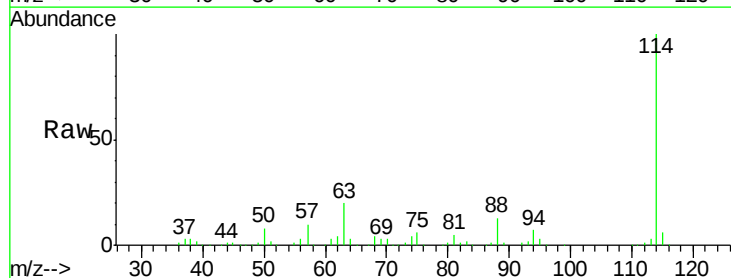
Tgt Ion: 114 Resp: 217247

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

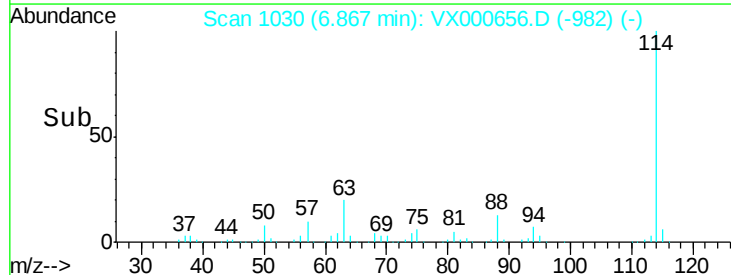
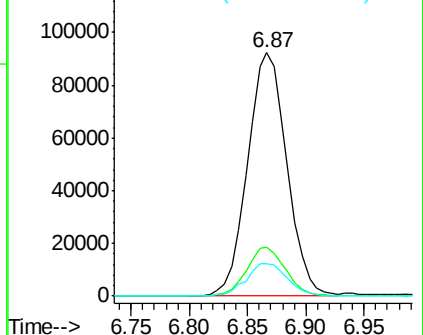
88 13.1 0.0 27.0

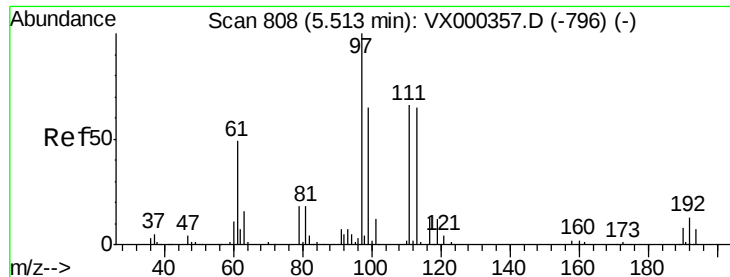


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

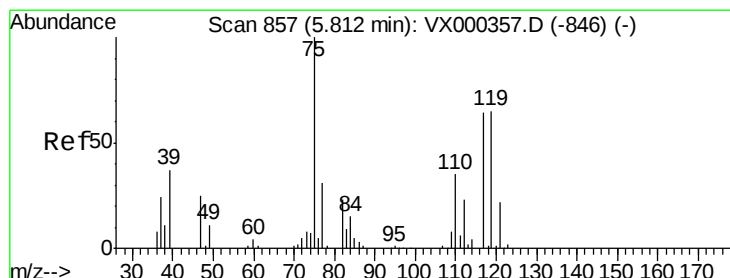
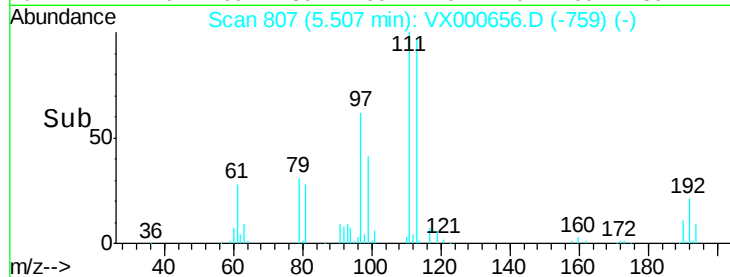
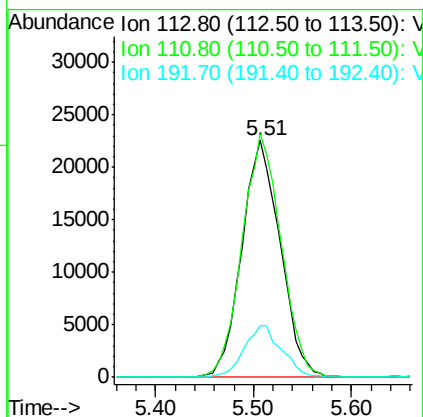
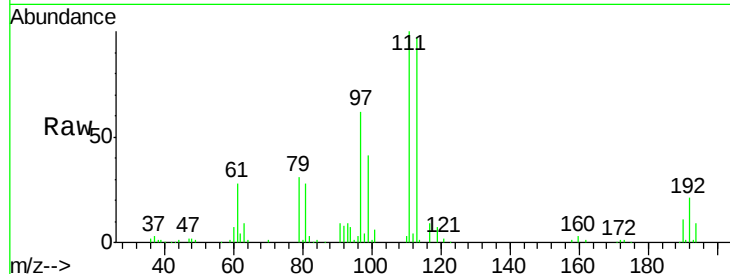




#35
 Dibromofluoromethane
 Concen: 44.89 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

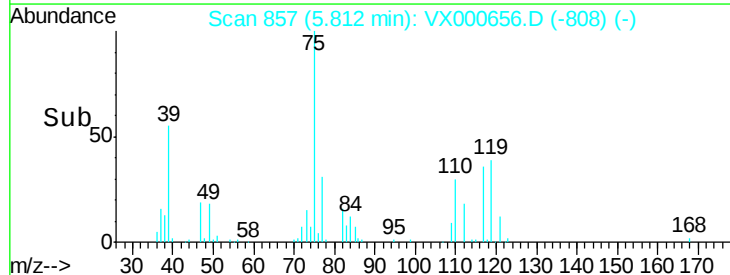
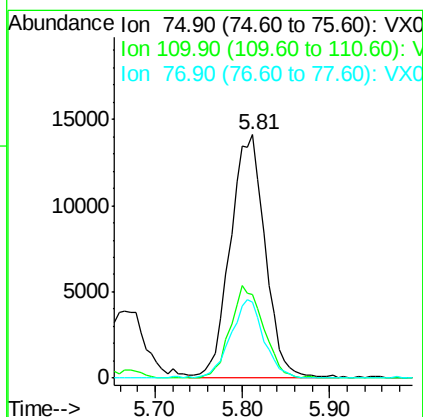
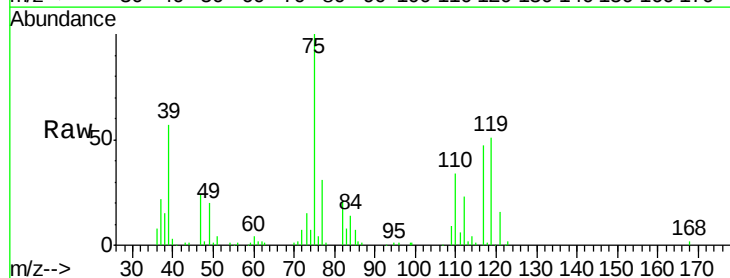
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

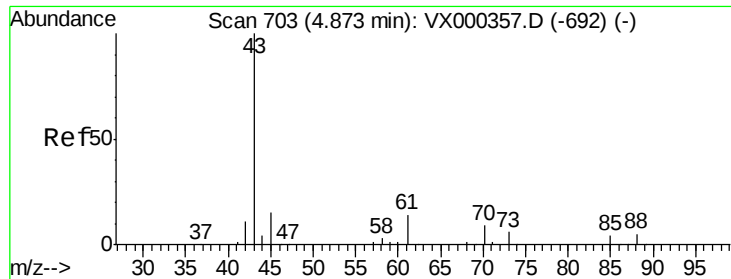
Tgt Ion:113 Resp: 61454
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.4 123.6
 192 21.4 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 19.25 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 39176
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.9 53.7
 77 30.7 24.0 36.0

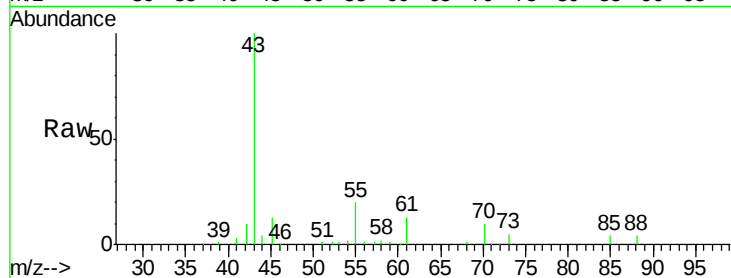




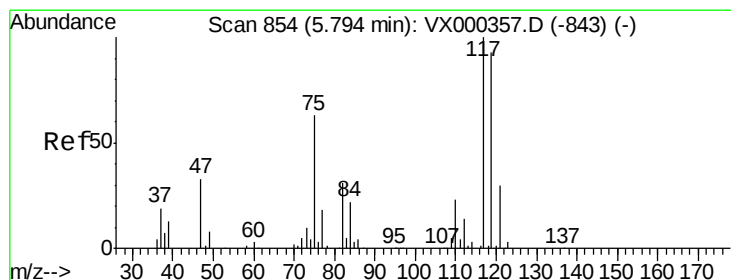
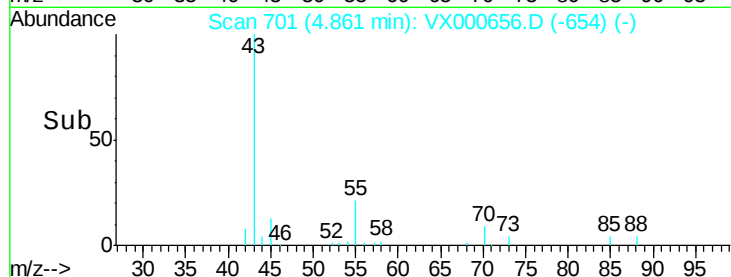
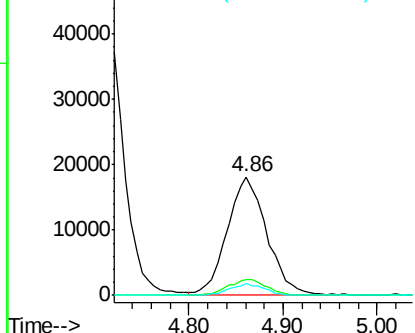
#37
Ethyl Acetate
Concen: 18.74 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 43 Resp: 52102
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 8.8 7.7 11.5

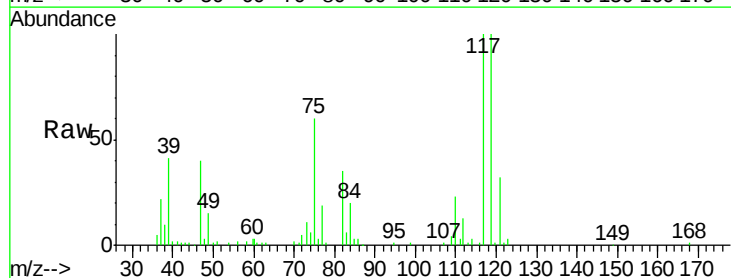


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

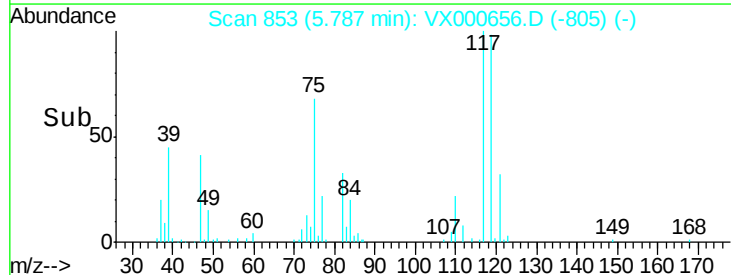
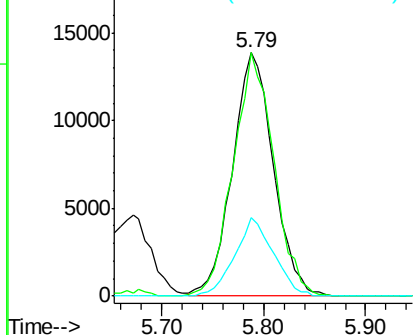


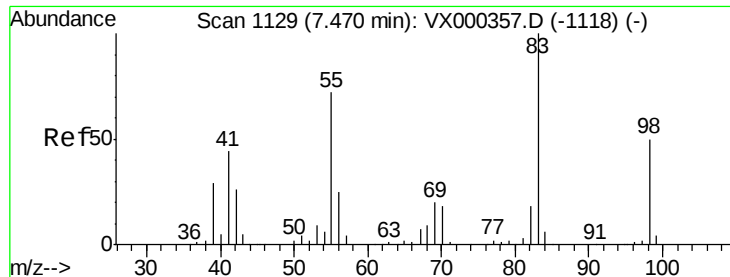
#38
Carbon Tetrachloride
Concen: 18.11 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 117 Resp: 38660
Ion Ratio Lower Upper
117 100
119 100.0 77.4 116.2
121 32.0 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

Methylcyclohexane

Concen: 18.88 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

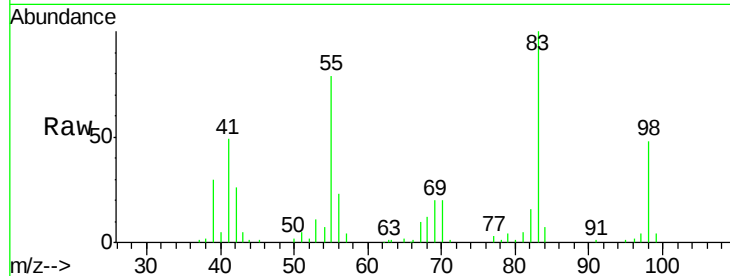
Tgt Ion: 83 Resp: 46716

Ion Ratio Lower Upper

83 100

55 78.9 55.5 83.3

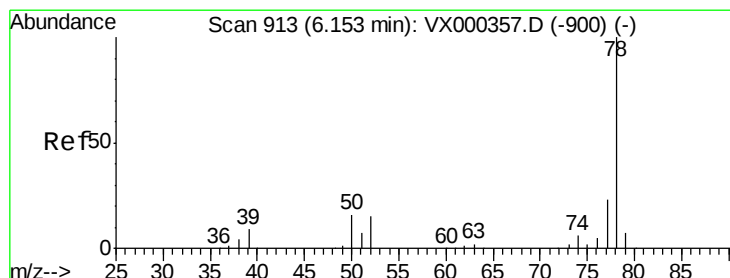
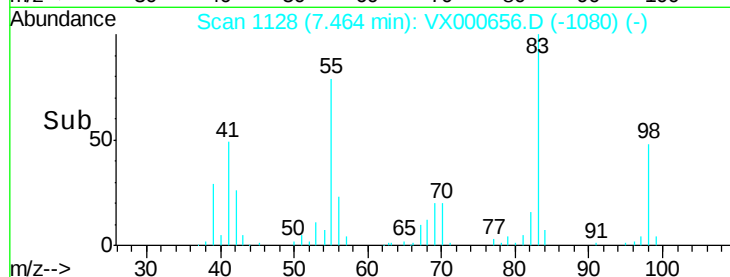
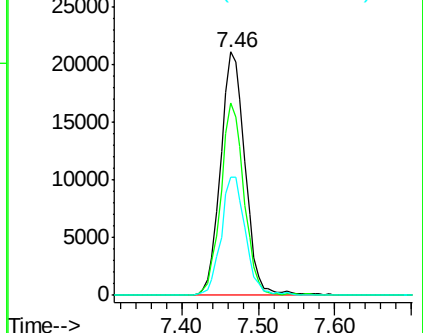
98 48.4 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.06 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX000656.D

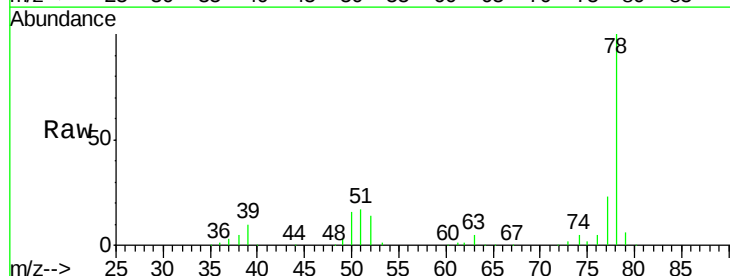
Acq: 03 Apr 2018 17:47

Tgt Ion: 78 Resp: 112663

Ion Ratio Lower Upper

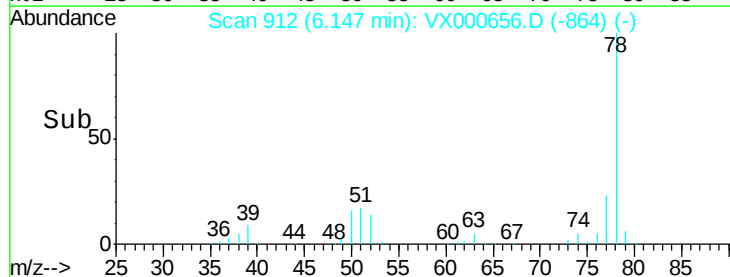
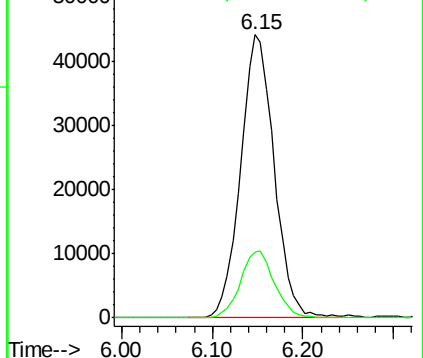
78 100

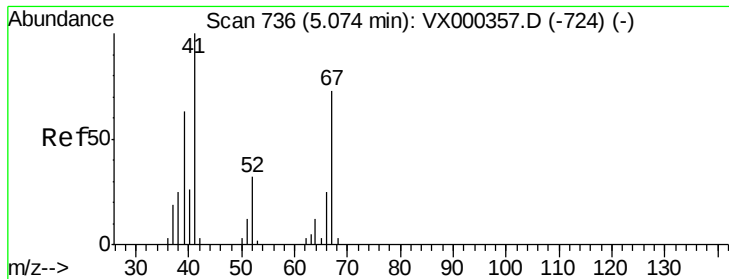
77 23.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.21 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

Tgt Ion: 41 Resp: 26685

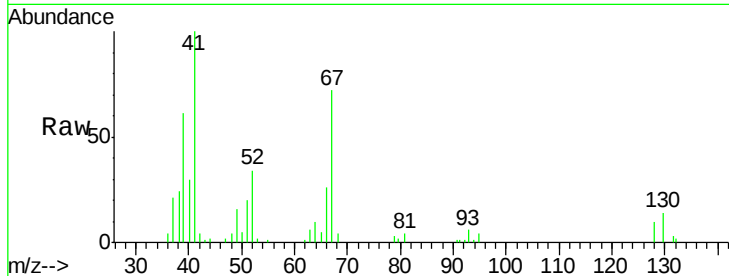
Ion Ratio Lower Upper

41 100

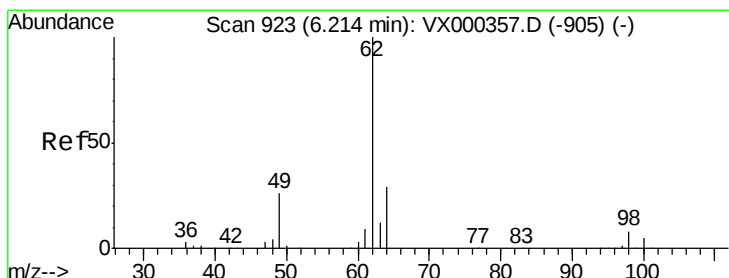
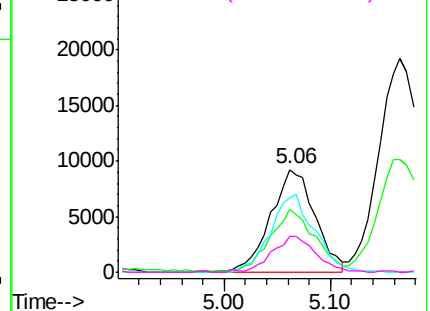
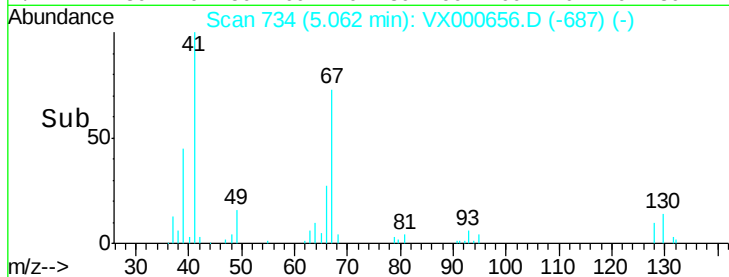
39 59.8 45.7 68.5

67 74.9 57.8 86.8

52 34.4 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: 19.15 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000656.D

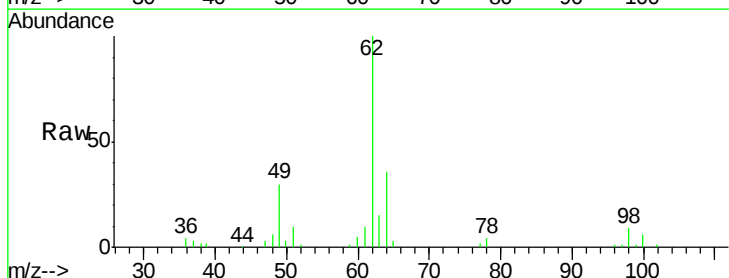
Acq: 03 Apr 2018 17:47

Tgt Ion: 62 Resp: 44394

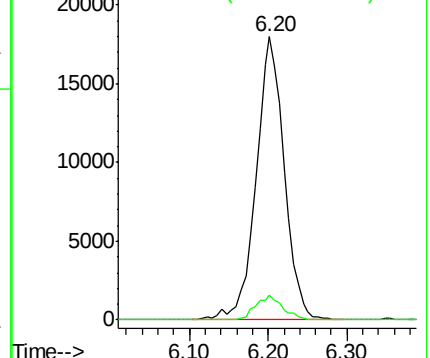
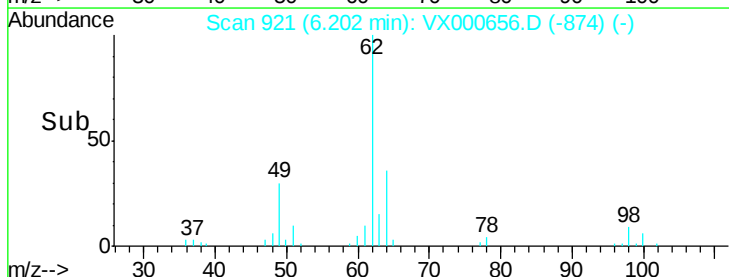
Ion Ratio Lower Upper

62 100

98 8.4 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: 19.26 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

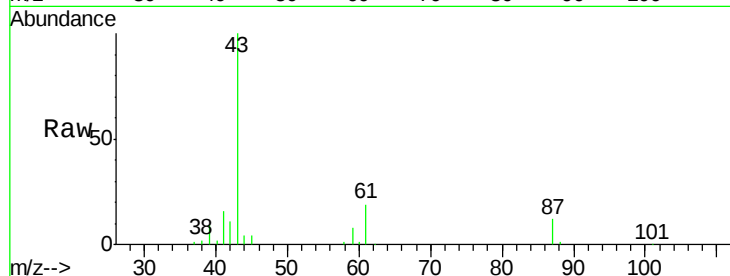
Tgt Ion: 43 Resp: 79688

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

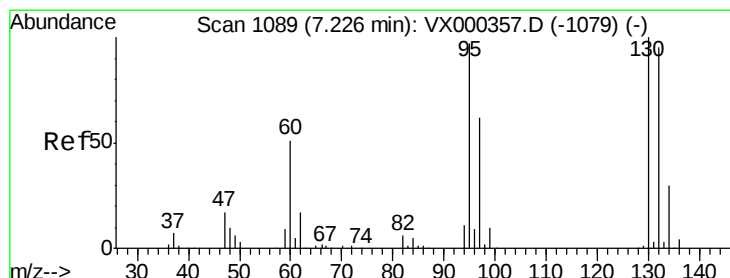
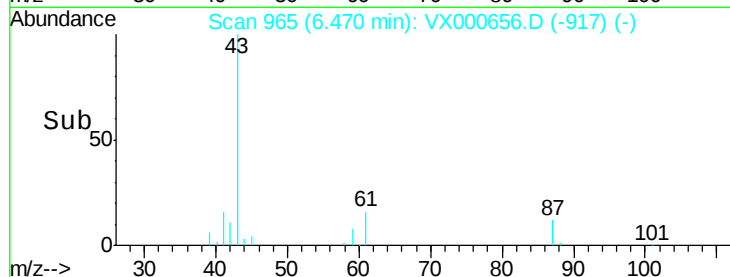
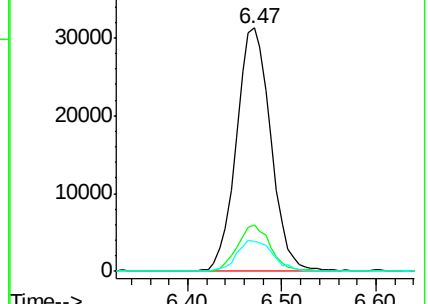
87 13.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.29 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000656.D

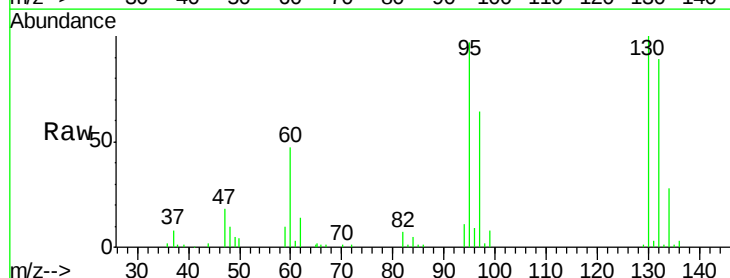
Acq: 03 Apr 2018 17:47

Tgt Ion: 130 Resp: 34344

Ion Ratio Lower Upper

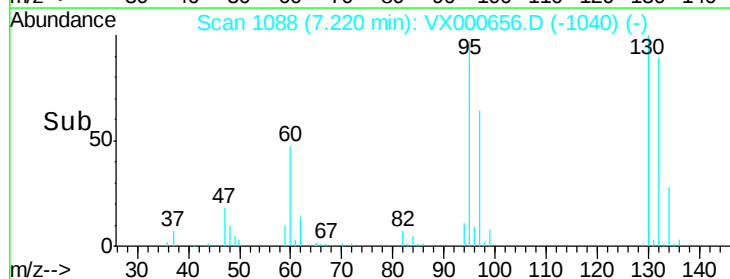
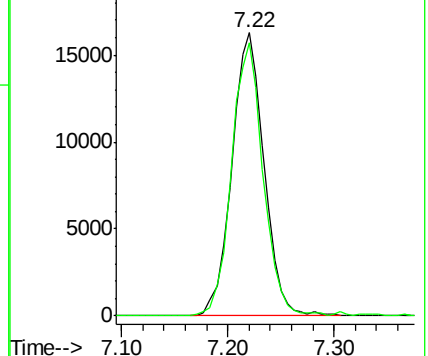
130 100

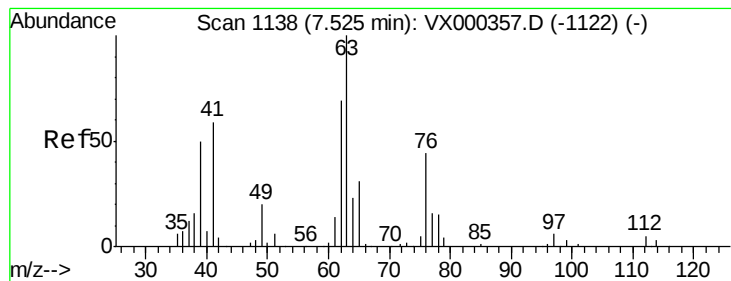
95 96.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.62 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

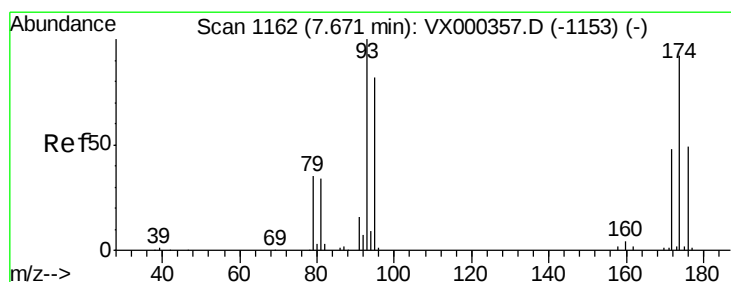
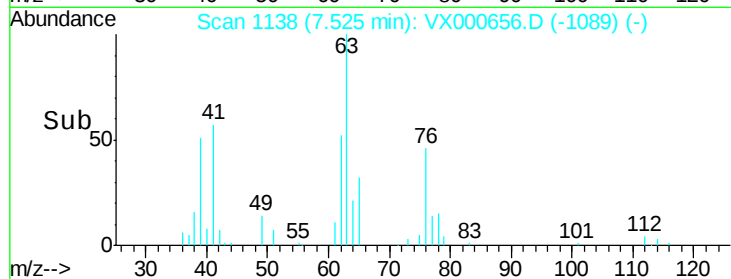
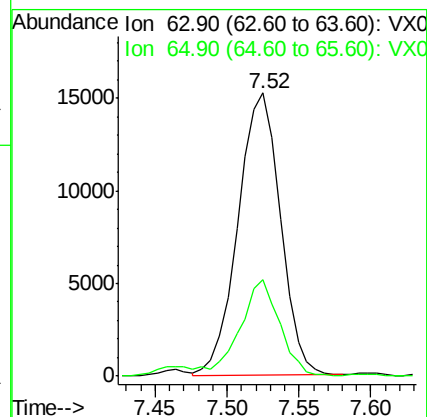
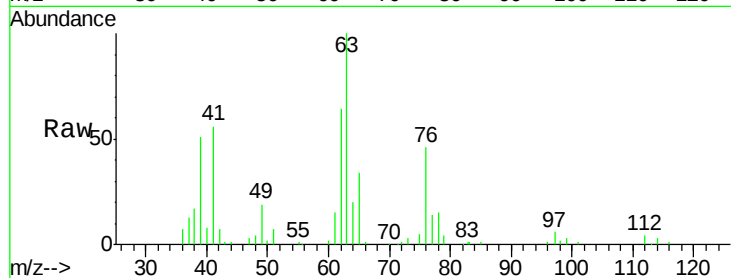
VX0403WBSD01

Tgt Ion: 63 Resp: 31185

Ion Ratio Lower Upper

63 100

65 34.4 24.6 36.8



#46

Dibromomethane

Concen: 20.23 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

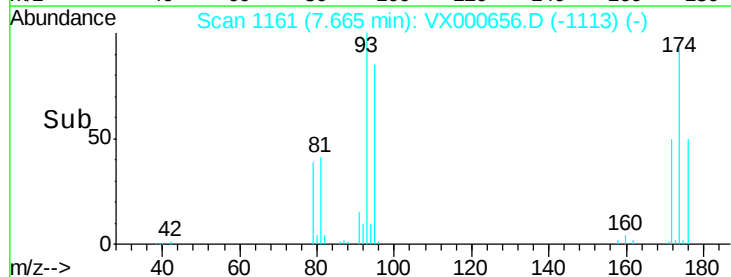
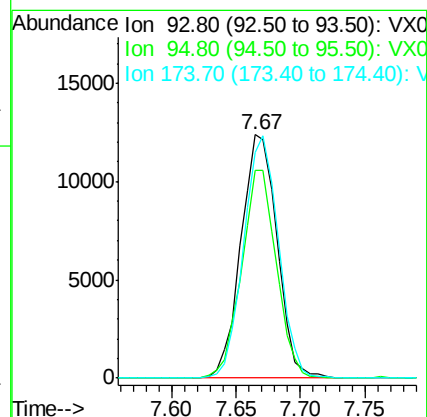
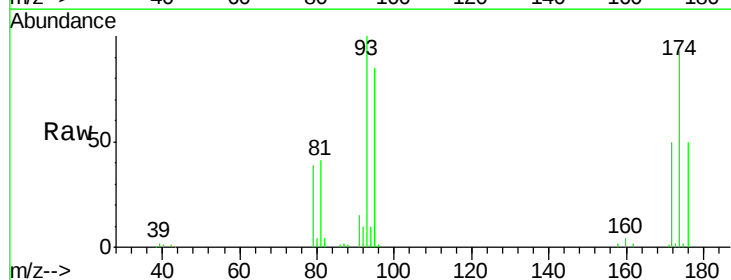
Tgt Ion: 93 Resp: 24016

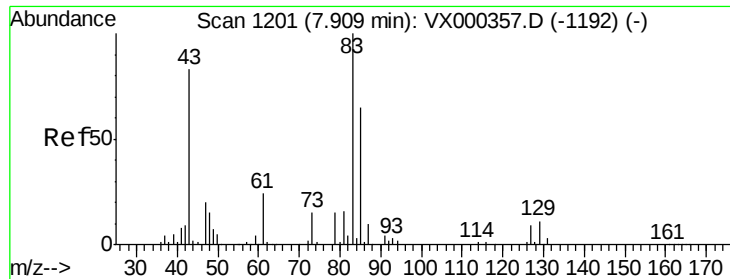
Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

174 95.6 76.0 114.0





#47

Bromodichloromethane

Concen: 20.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

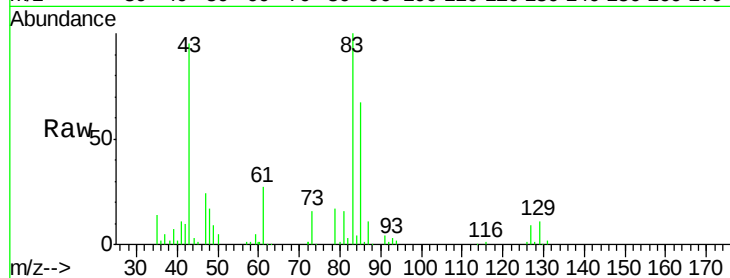
Tgt Ion: 83 Resp: 42498

Ion Ratio Lower Upper

83 100

85 66.6 51.4 77.0

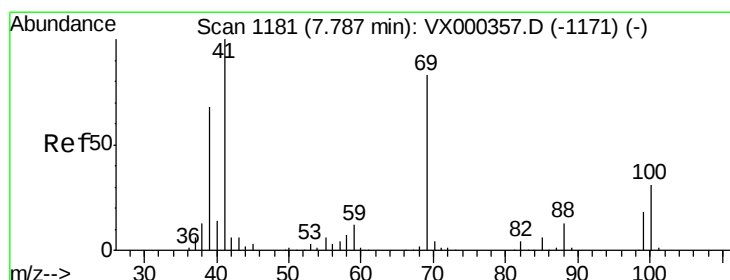
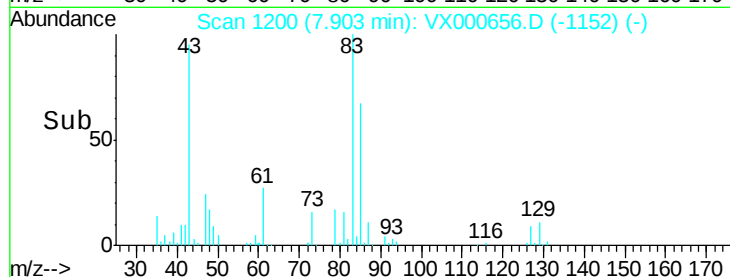
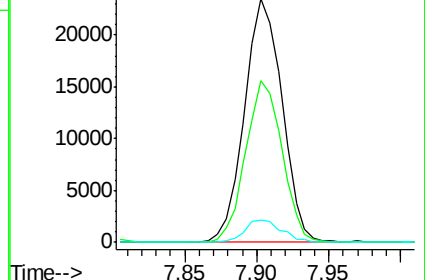
127 9.1 7.0 10.6



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: 19.81 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

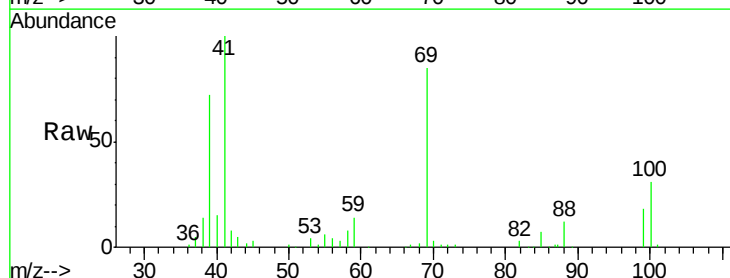
Tgt Ion: 41 Resp: 39788

Ion Ratio Lower Upper

41 100

69 83.1 68.2 102.4

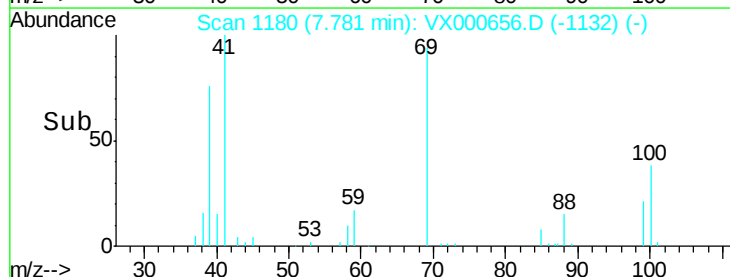
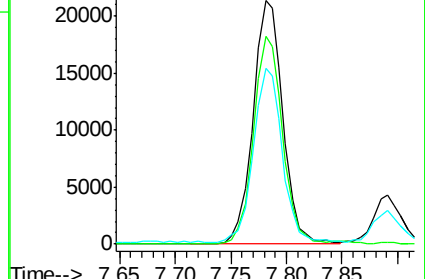
39 70.3 54.6 81.8

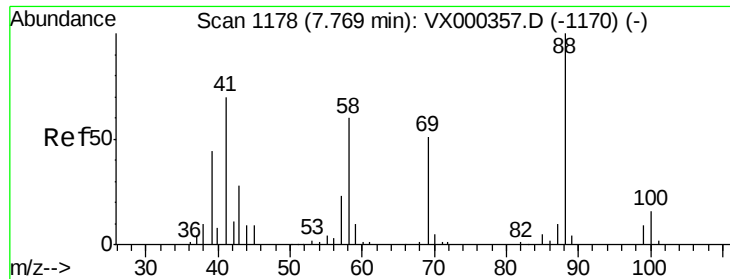


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

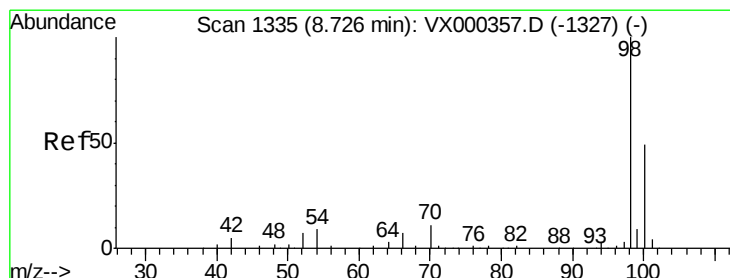
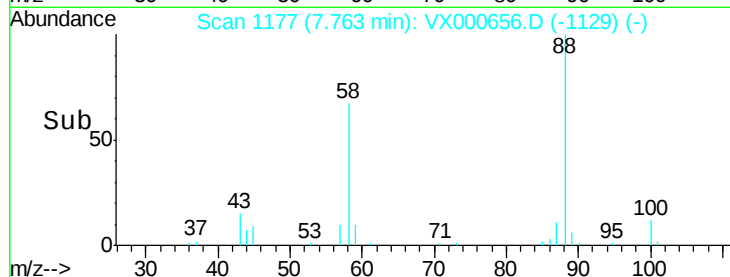
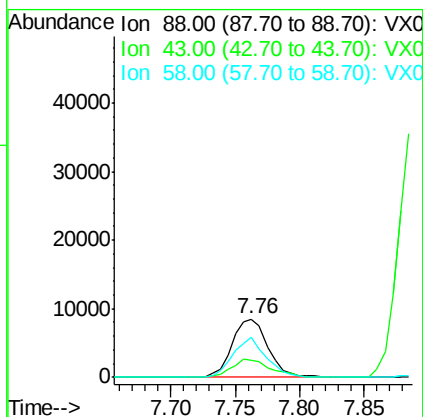
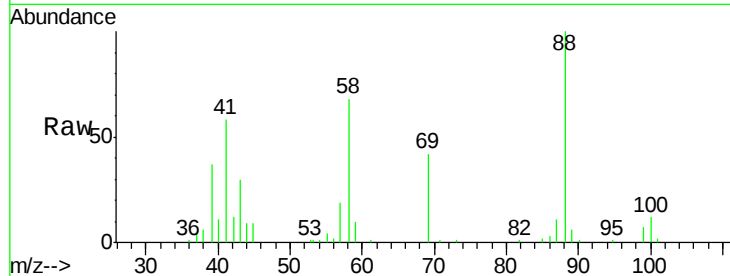




#49
 1,4-Dioxane
 Concen: 387.40 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

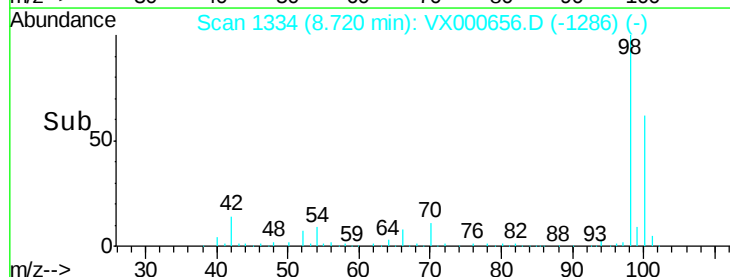
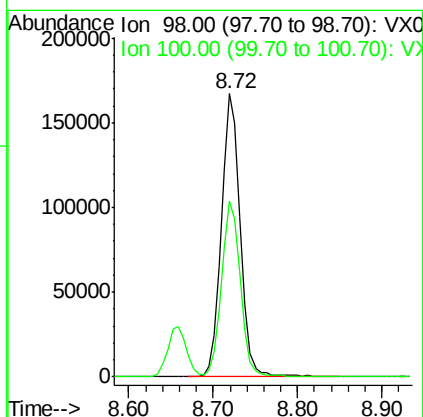
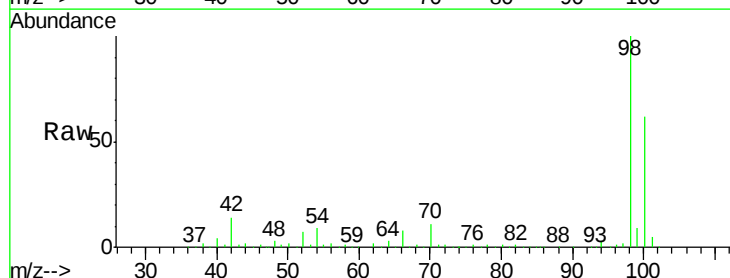
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

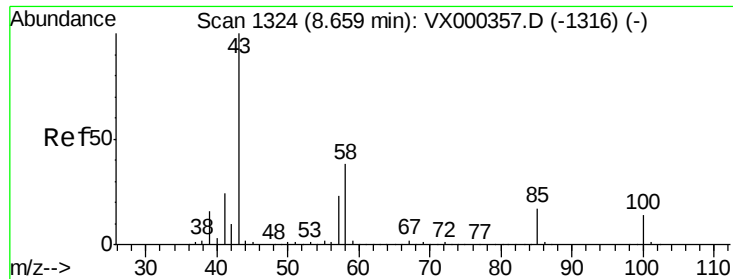
Tgt Ion: 88 Resp: 16358
 Ion Ratio Lower Upper
 88 100
 43 34.8 26.8 40.2
 58 64.7 52.2 78.2



#50
 Toluene-d8
 Concen: 45.52 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 98 Resp: 258063
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.2 76.8

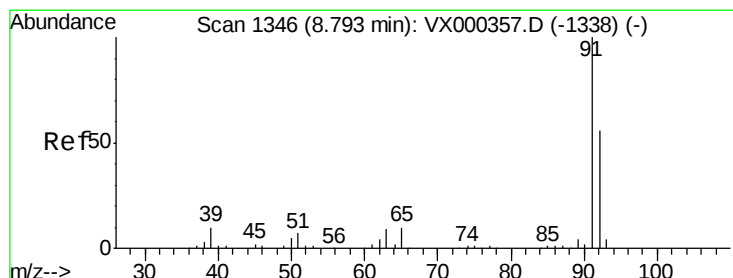
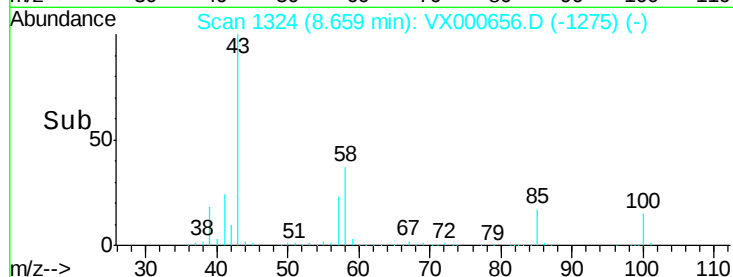
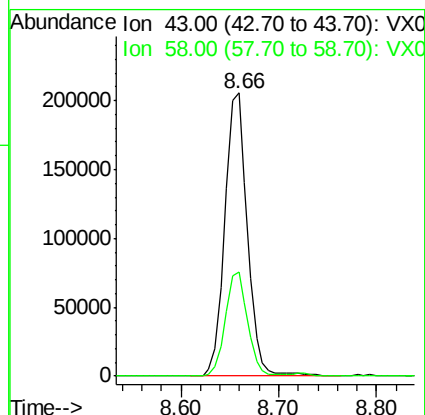
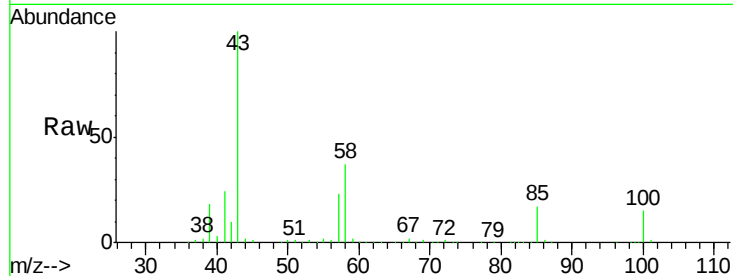




#51
 4-Methyl-2-Pentanone
 Concen: 103.04 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

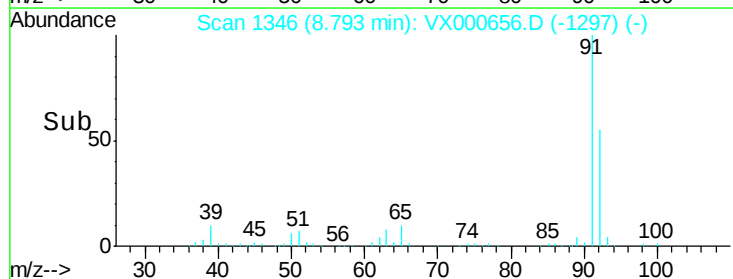
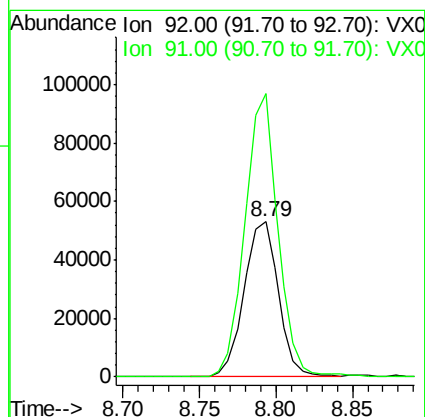
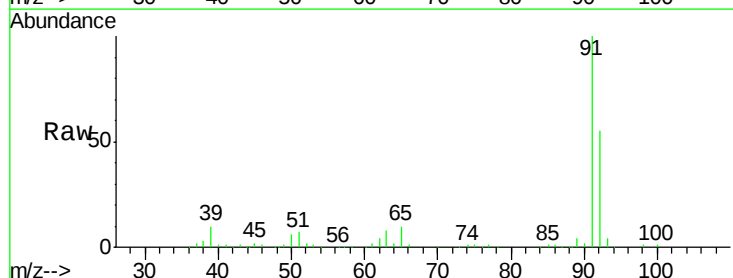
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 43 Resp: 330013
 Ion Ratio Lower Upper
 43 100
 58 35.9 30.3 45.5



#52
 Toluene
 Concen: 20.13 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 92 Resp: 83158
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.2 210.2

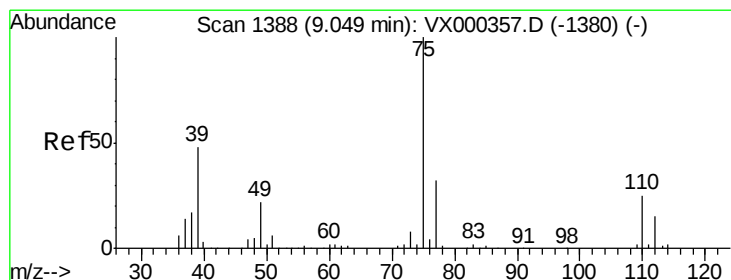
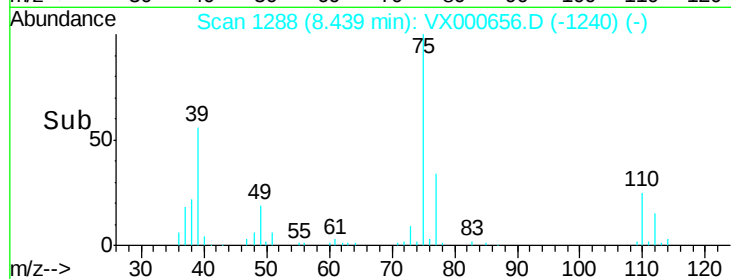
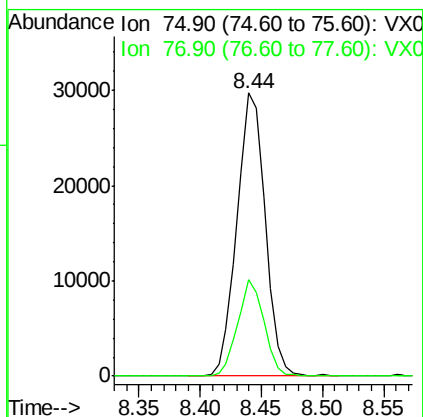
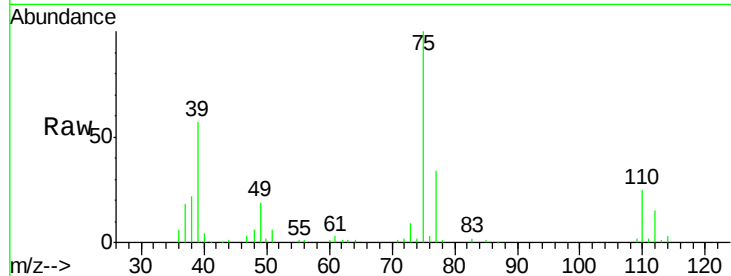




#53
 t-1,3-Dichloropropene
 Concen: 19.68 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

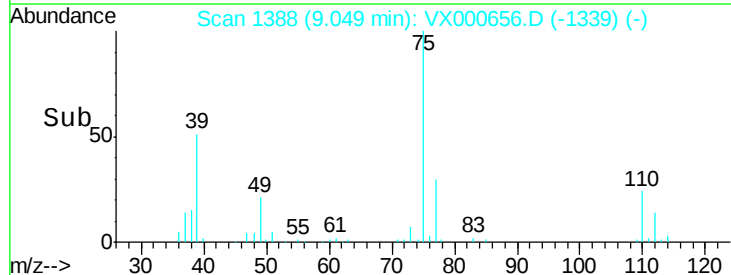
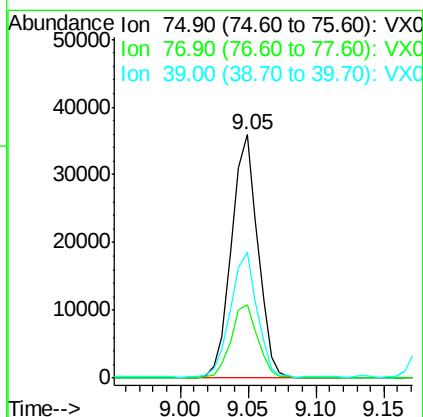
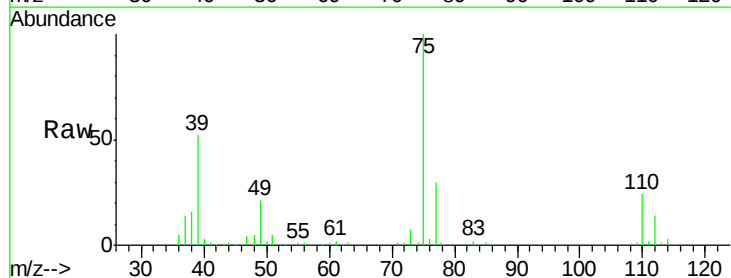
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 75 Resp: 47633
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.77 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 48771
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 51.4 39.8 59.6

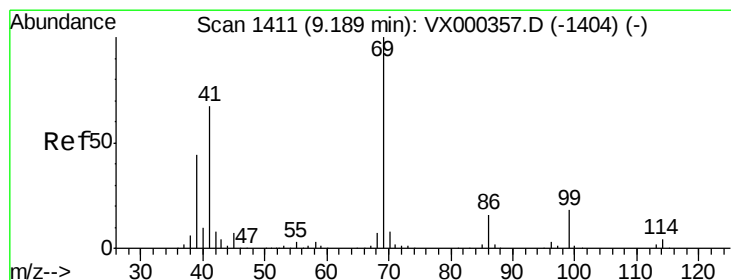
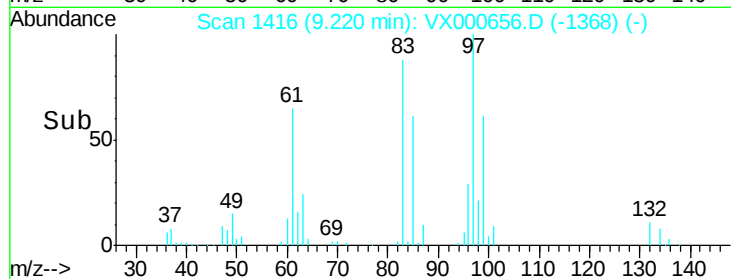
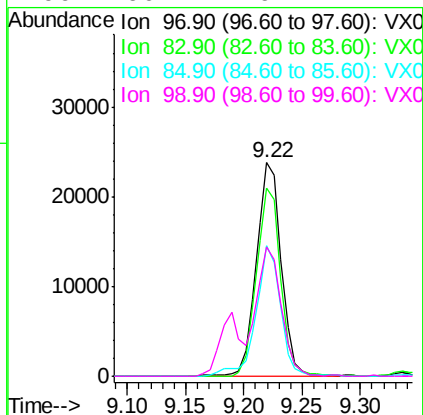
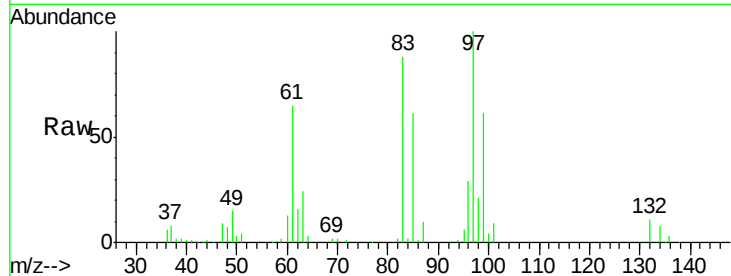




#55
 1,1,2-Trichloroethane
 Concen: 20.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

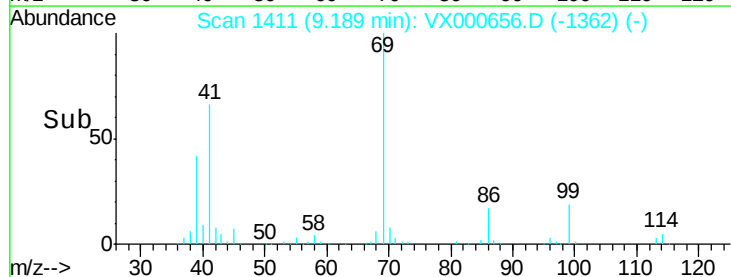
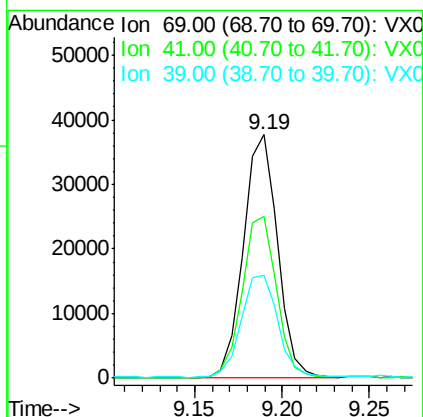
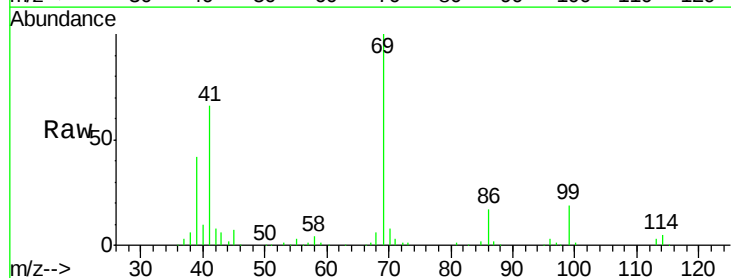
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

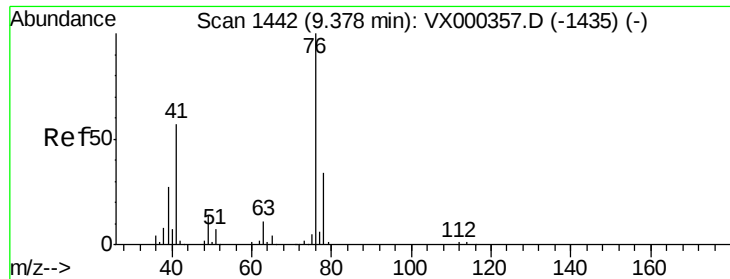
Tgt Ion:	97	Resp:	35598
Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.9	101.9
85	61.4	42.8	64.2
99	60.7	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:	69	Resp:	51484
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.0	79.6
39	44.7	35.3	52.9

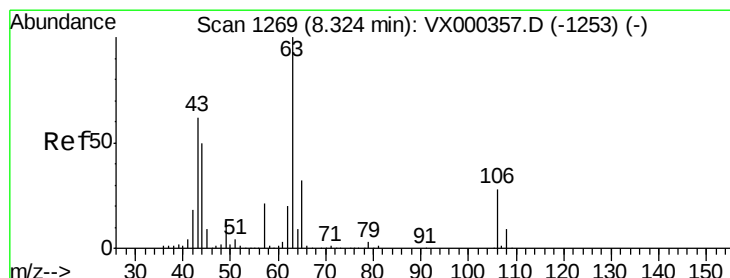
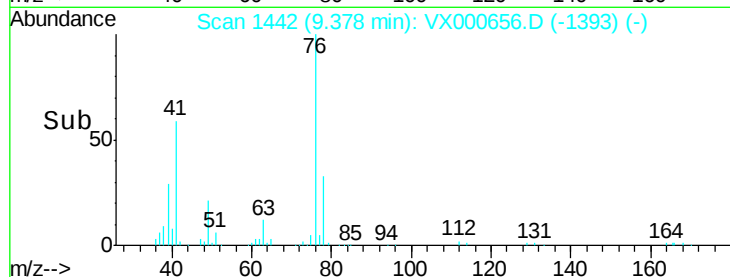
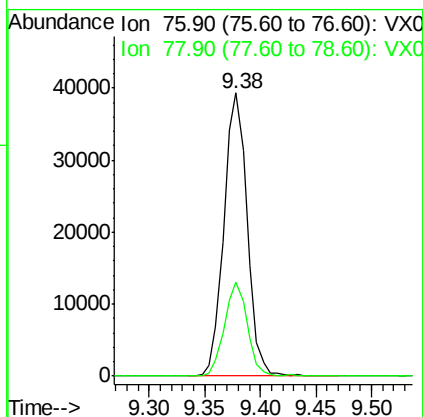
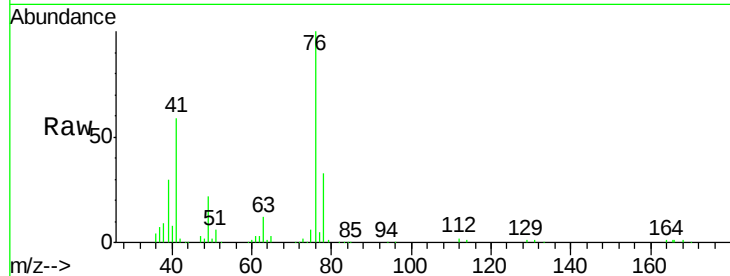




#57
 1,3-Dichloropropane
 Concen: 20.91 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

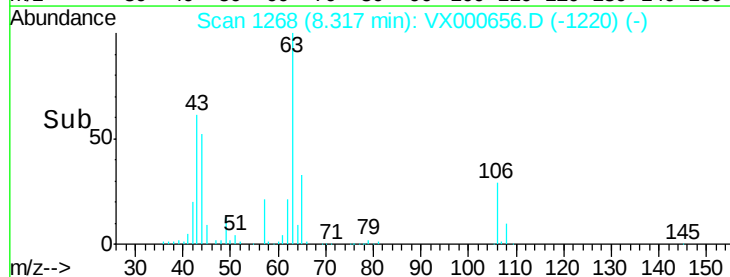
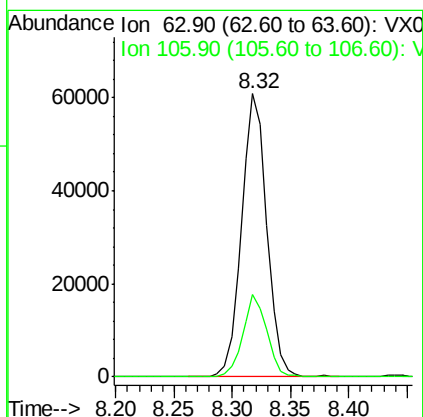
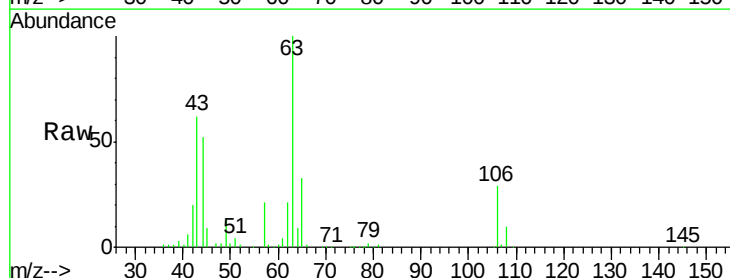
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

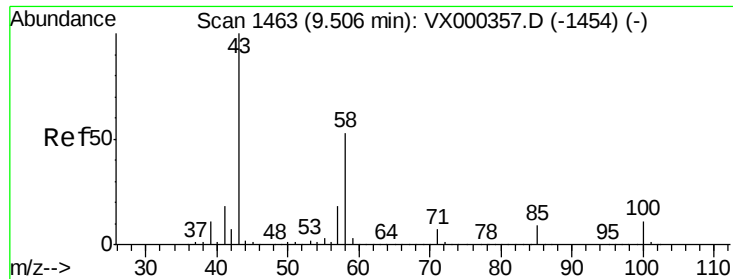
Tgt Ion: 76 Resp: 56826
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 74.34 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 63 Resp: 91858
 Ion Ratio Lower Upper
 63 100
 106 27.7 23.2 34.8

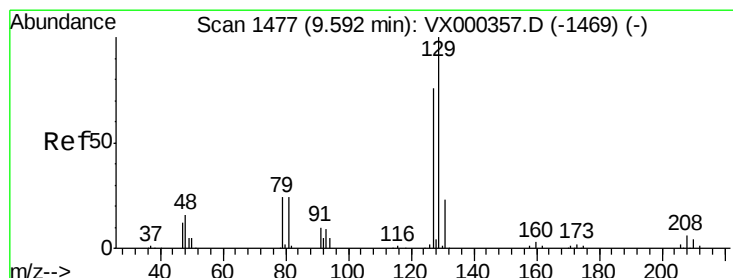
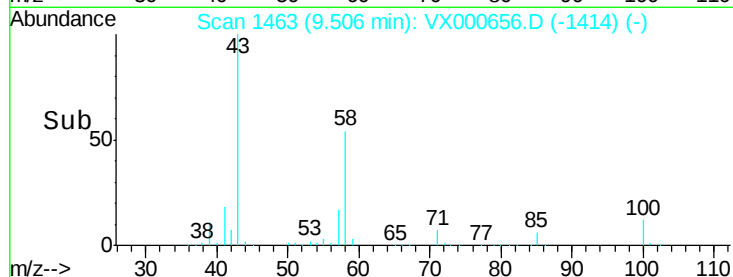
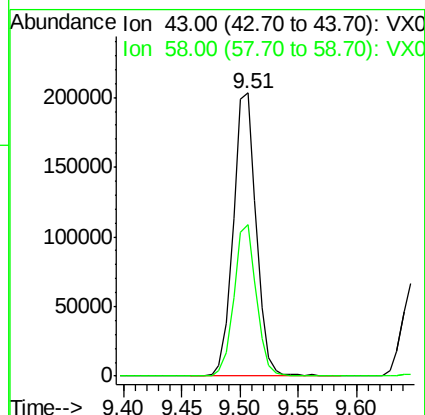
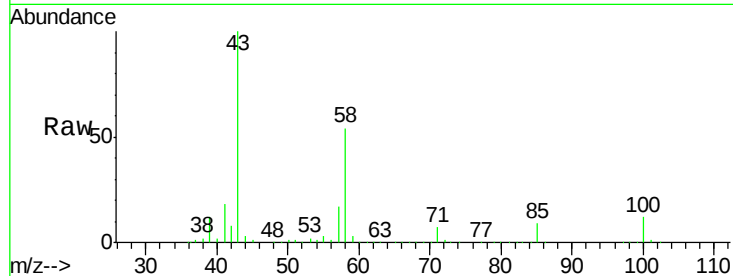




#59
2-Hexanone
Concen: 102.75 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

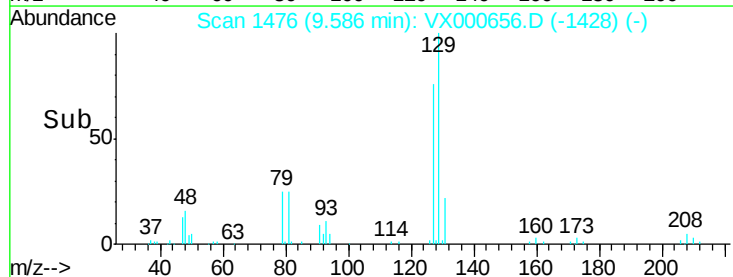
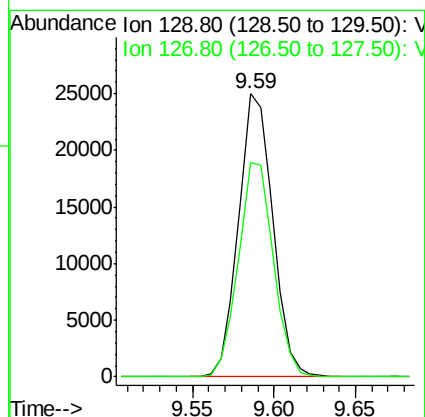
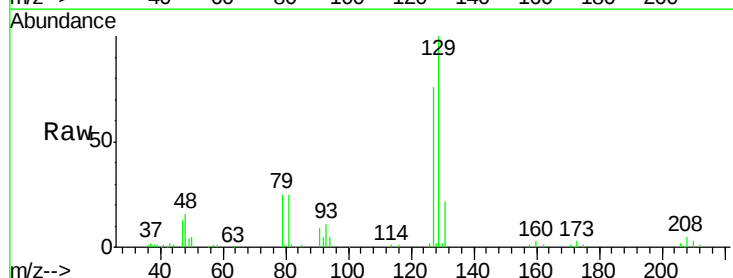
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

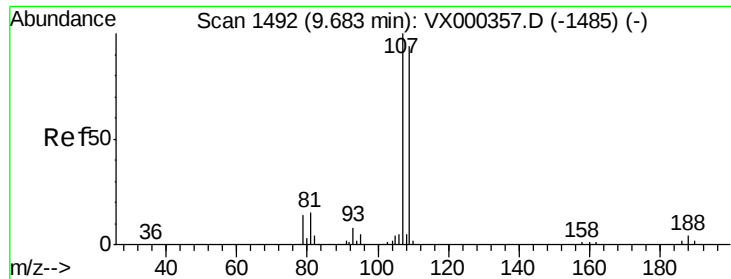
Tgt Ion: 43 Resp: 279426
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.7



#60
Dibromochloromethane
Concen: 20.85 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 129 Resp: 36672
Ion Ratio Lower Upper
129 100
127 77.5 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.50 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

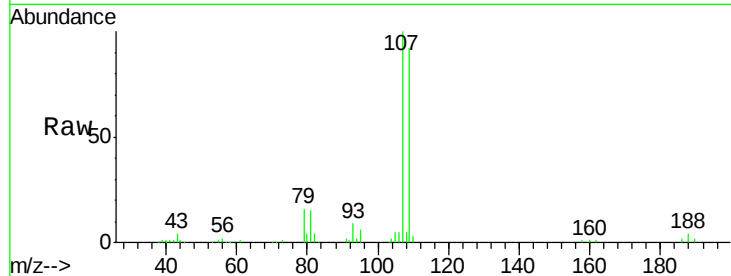
VX0403WBSD01

Tgt Ion: 107 Resp: 39178

Ion Ratio Lower Upper

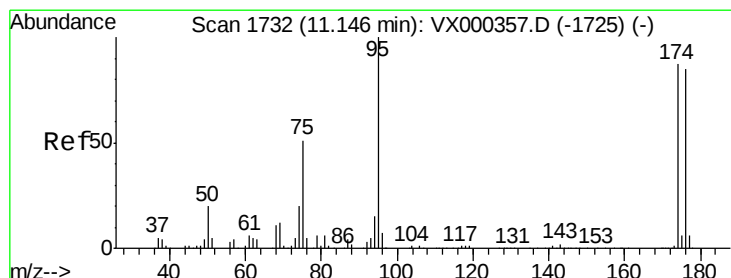
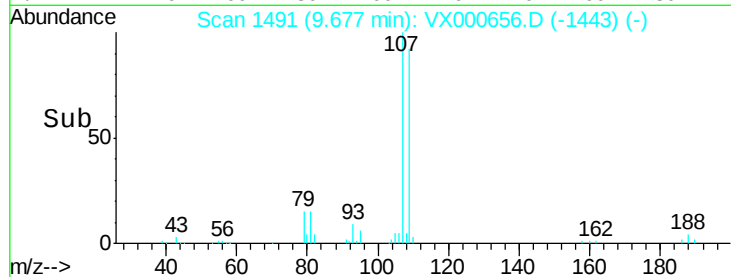
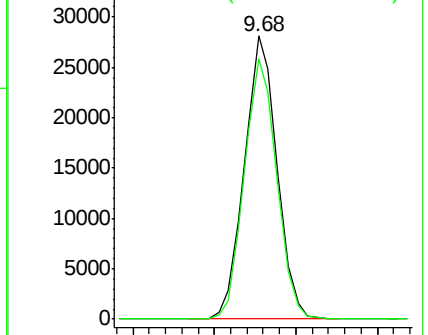
107 100

109 91.8 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

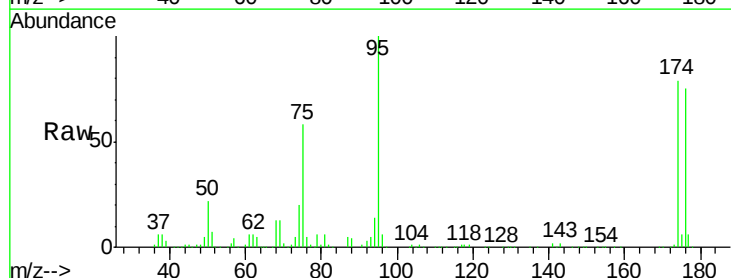
Tgt Ion: 95 Resp: 107906

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.6

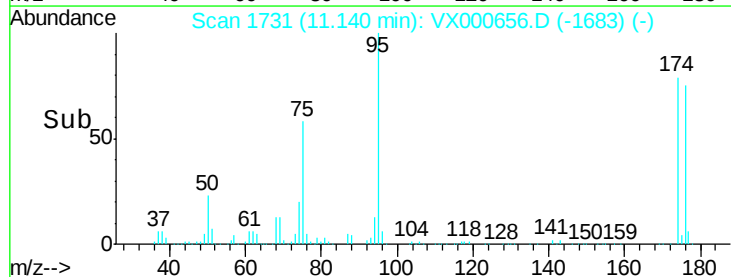
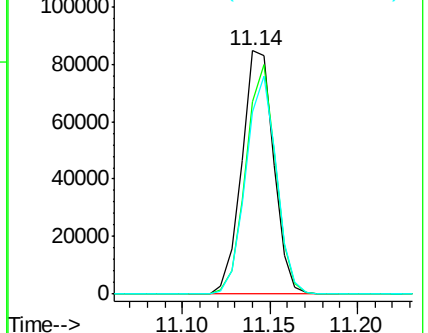
176 85.8 0.0 164.6

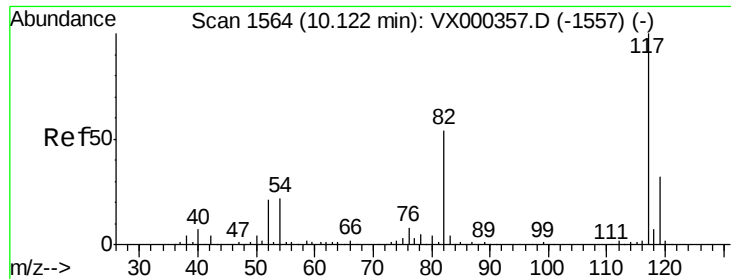


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

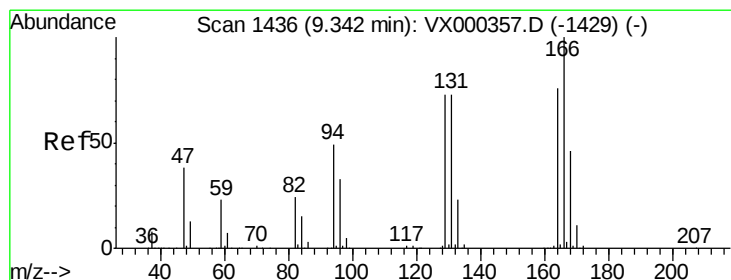
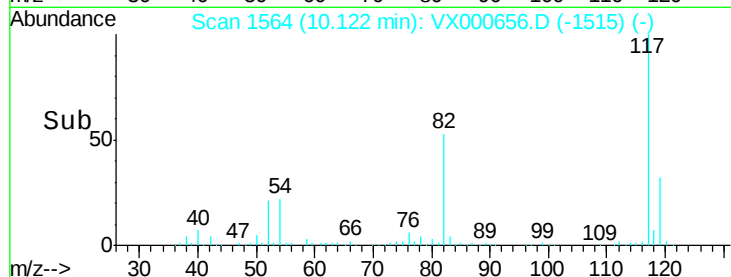
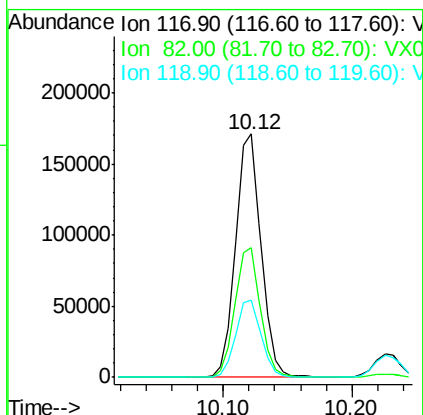
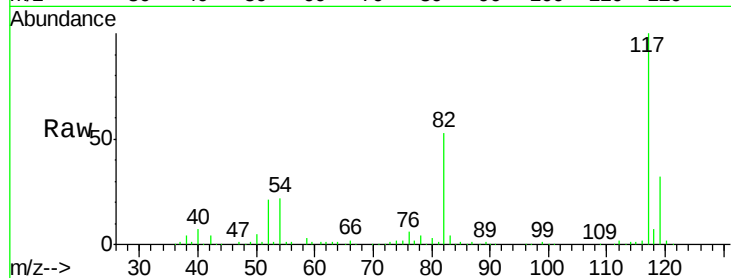




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

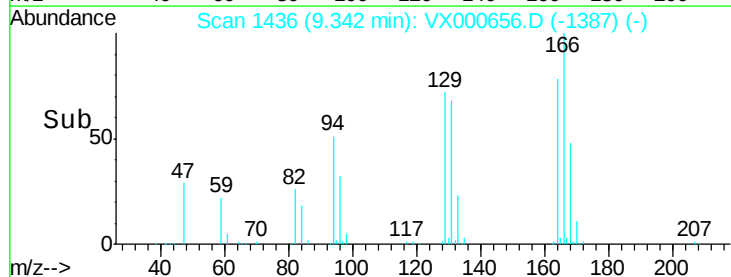
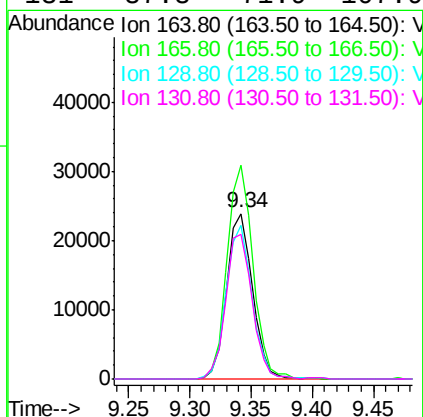
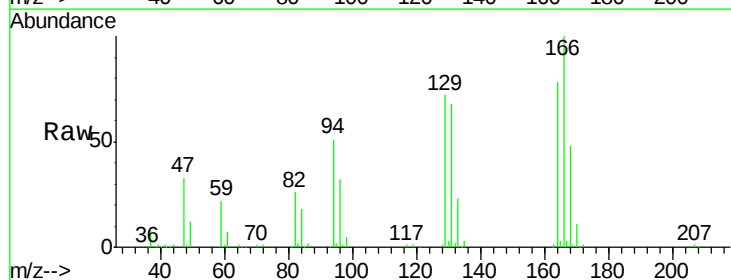
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

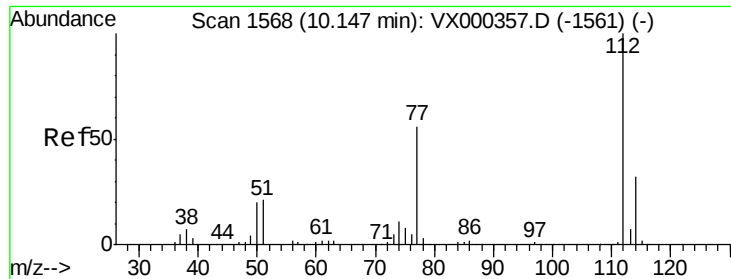
Tgt Ion:117 Resp: 236071
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 31.6 24.9 37.3



#64
Tetrachloroethene
Concen: 19.00 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:164 Resp: 34809
Ion Ratio Lower Upper
164 100
166 129.0 101.0 151.6
129 93.0 79.0 118.4
131 87.8 71.9 107.9

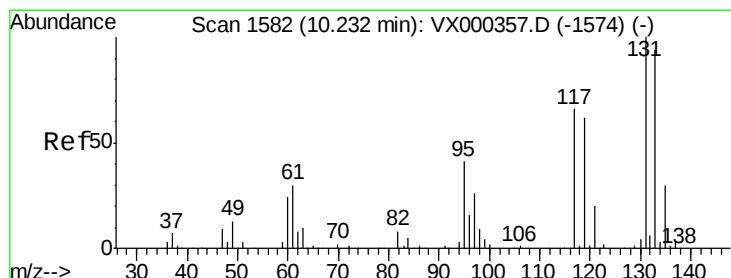
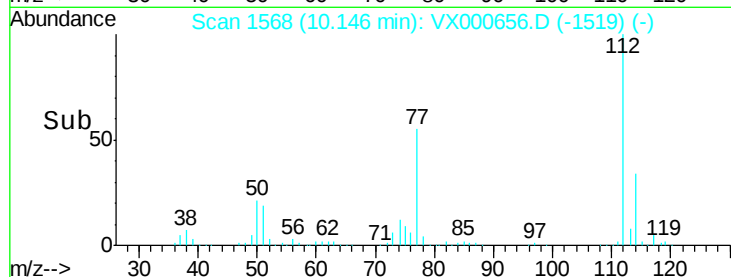
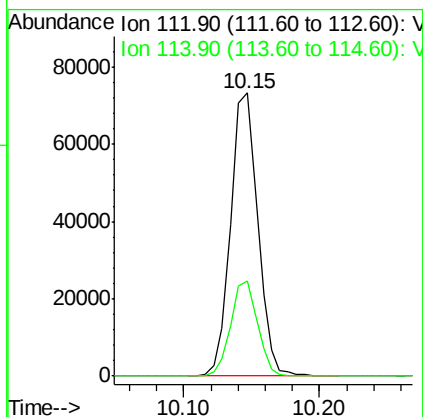
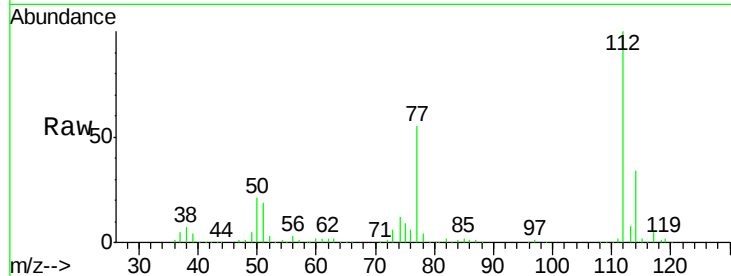




#65
Chlorobenzene
Concen: 19.52 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

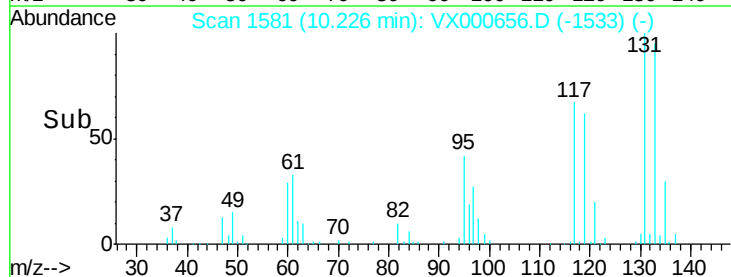
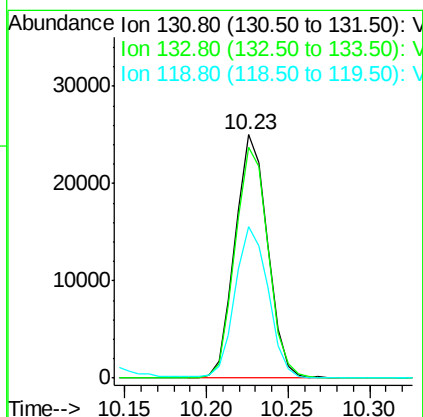
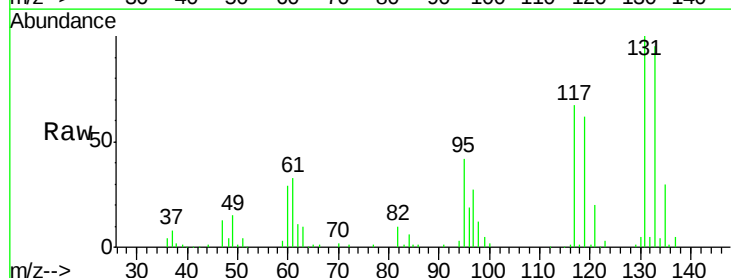
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

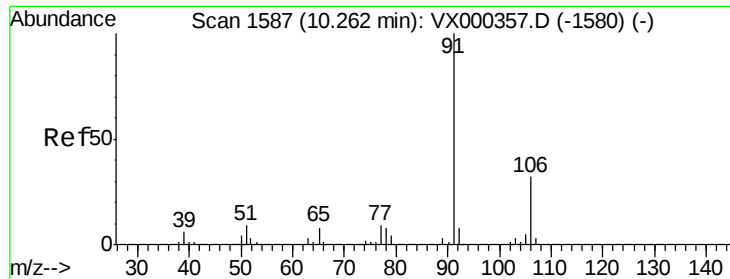
Tgt Ion:112 Resp: 102538
Ion Ratio Lower Upper
112 100
114 33.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.53 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:131 Resp: 34842
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.3
119 62.8 33.1 99.2

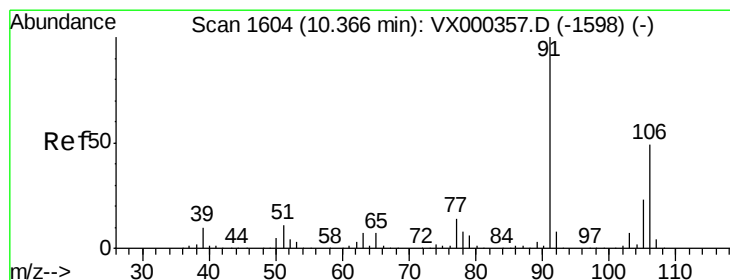
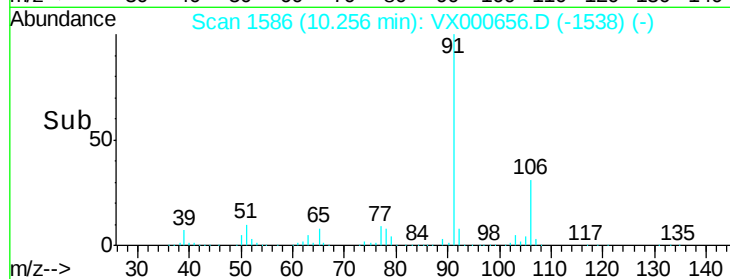
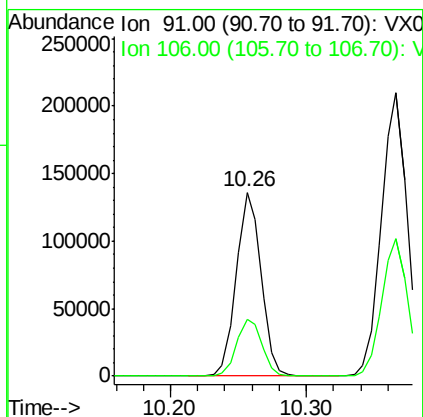
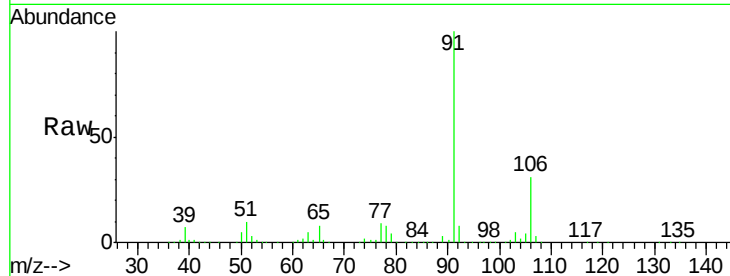




#67
Ethyl Benzene
Concen: 19.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

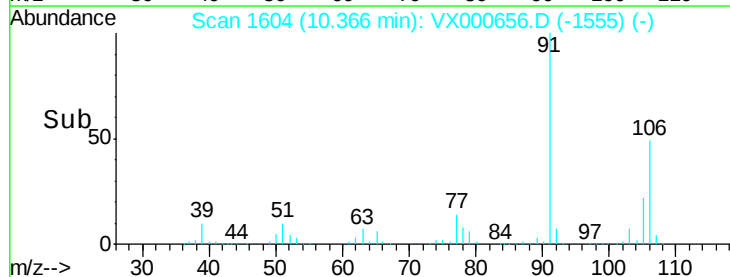
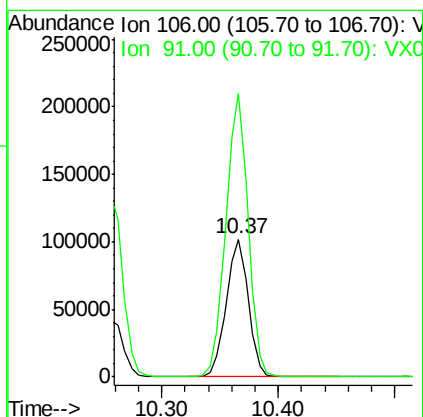
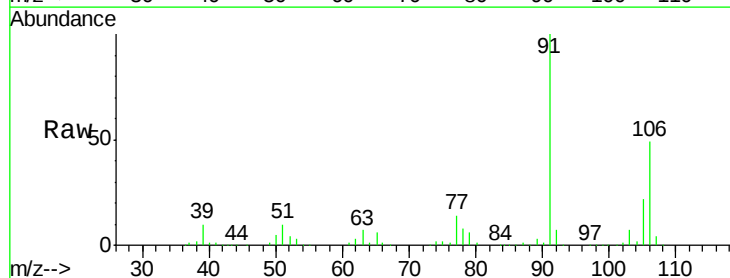
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

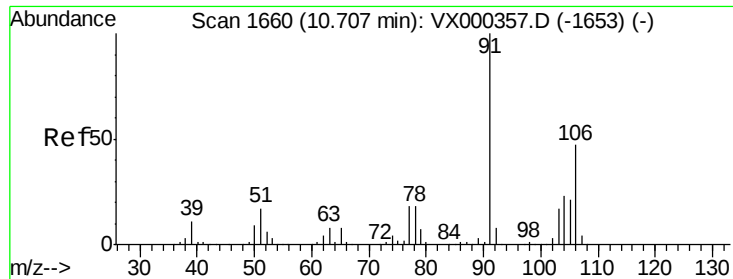
Tgt Ion: 91 Resp: 172625
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 38.36 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 106 Resp: 134431
Ion Ratio Lower Upper
106 100
91 205.6 163.4 245.2

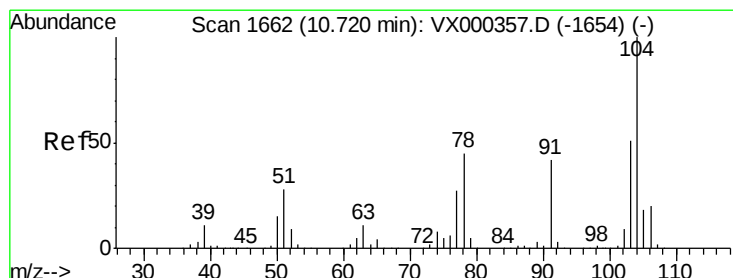
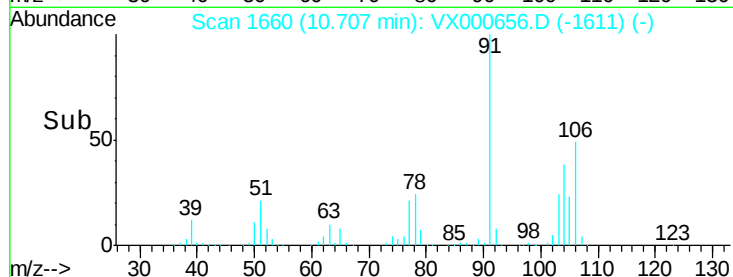
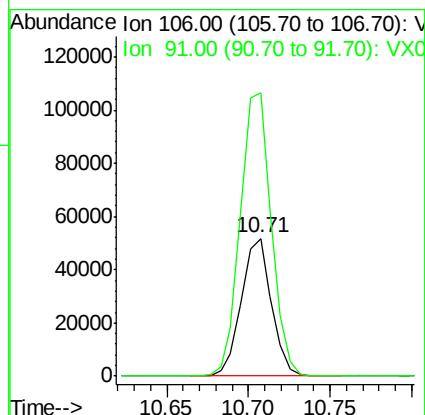
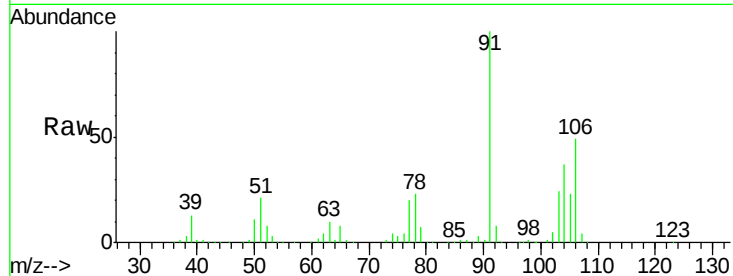




#69
o-Xylene
Concen: 19.55 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

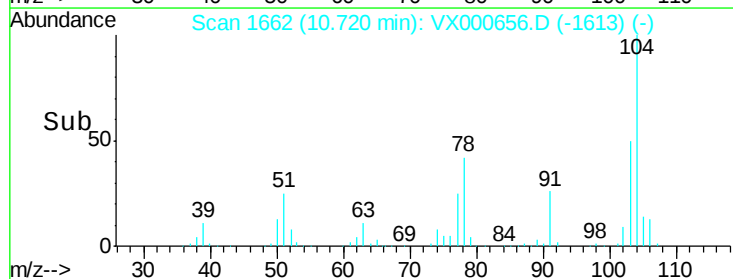
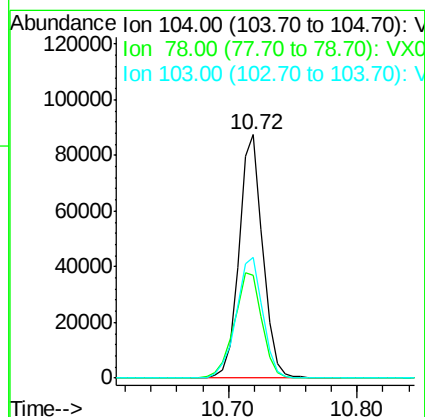
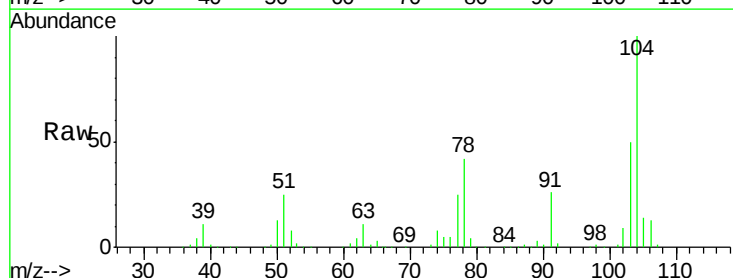
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

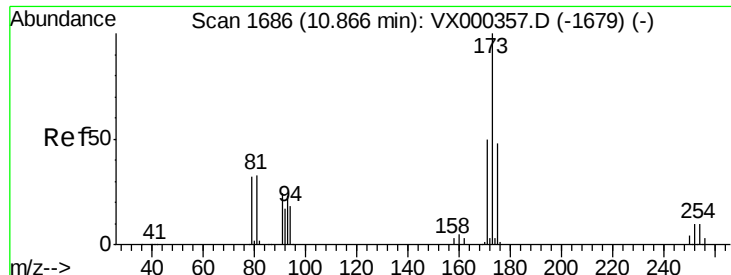
Tgt Ion:106 Resp: 66335
Ion Ratio Lower Upper
106 100
91 213.3 106.5 319.6



#70
Styrene
Concen: 19.83 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:104 Resp: 111308
Ion Ratio Lower Upper
104 100
78 50.8 40.5 60.7
103 55.7 45.7 68.5





#71

Bromoform

Concen: 19.17 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

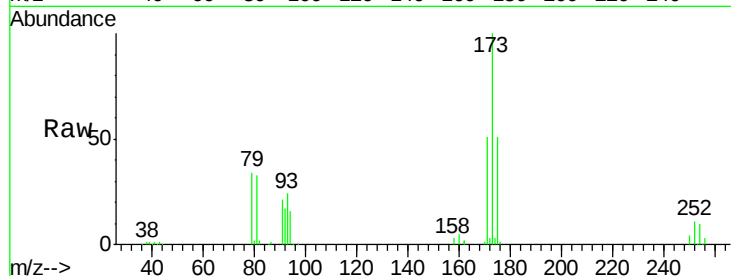
Tgt Ion:173 Resp: 29592

Ion Ratio Lower Upper

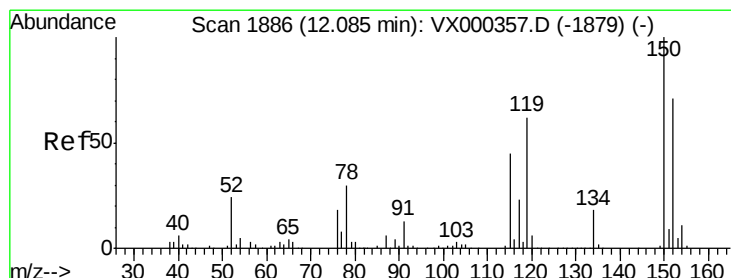
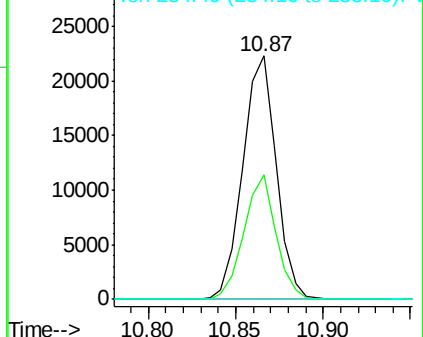
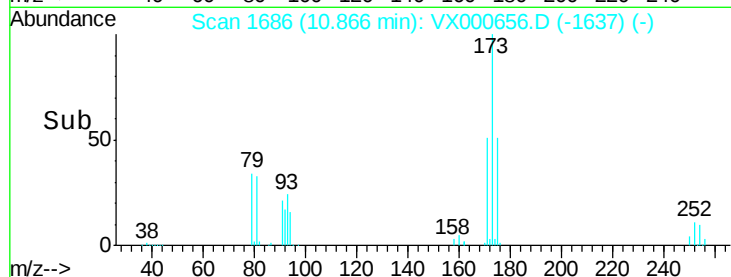
173 100

175 49.1 25.4 76.4

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

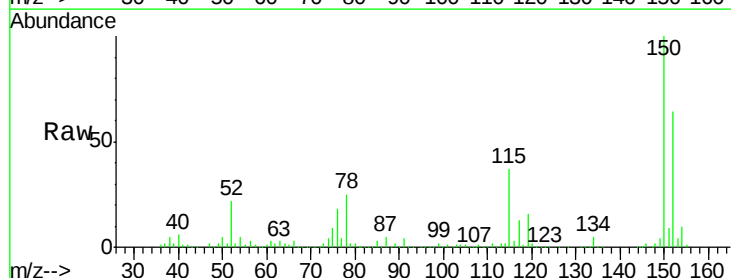
Tgt Ion:152 Resp: 152635

Ion Ratio Lower Upper

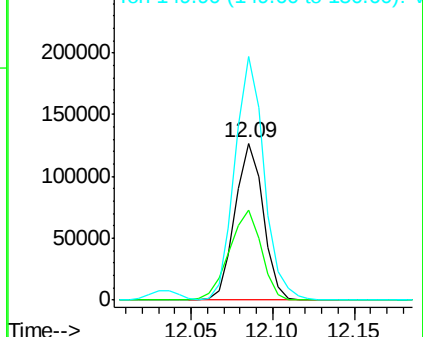
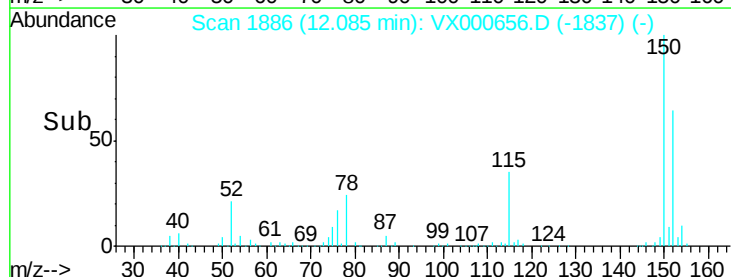
152 100

115 65.5 39.8 119.3

150 161.3 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: 18.30 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

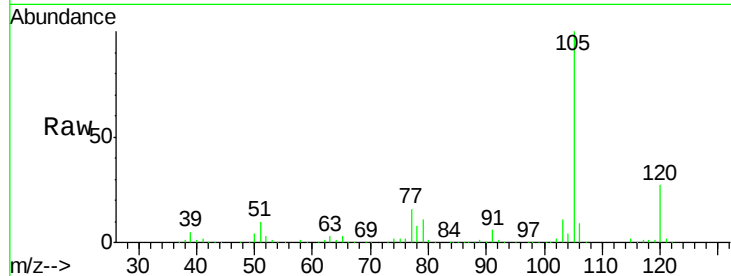
VX0403WBSD01

Tgt Ion:105 Resp: 185090

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

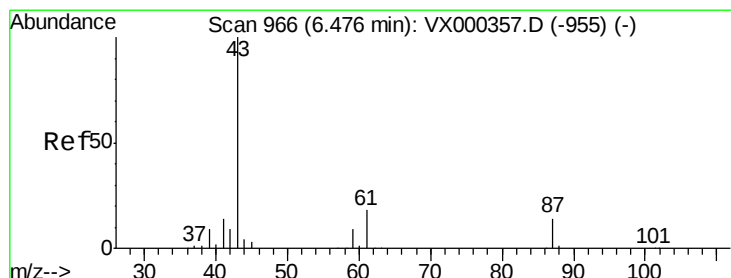
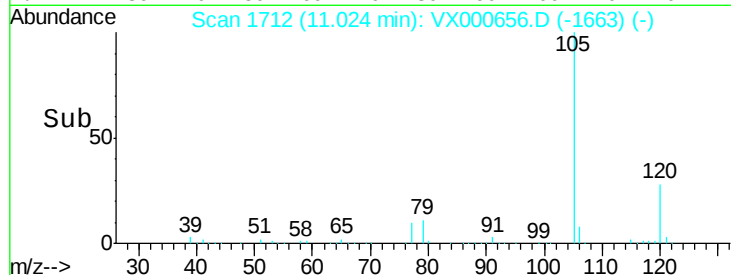
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 15.83 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Tgt Ion: 43 Resp: 79688

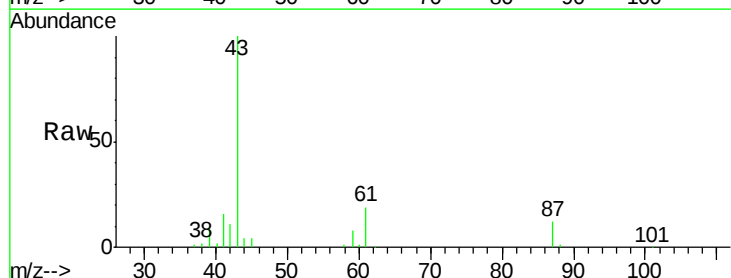
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.2 14.4 21.6



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

6.47

50000

40000

30000

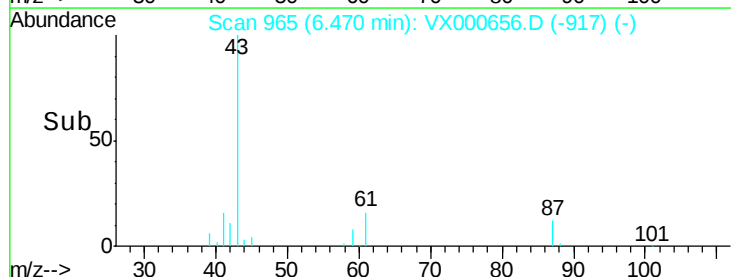
20000

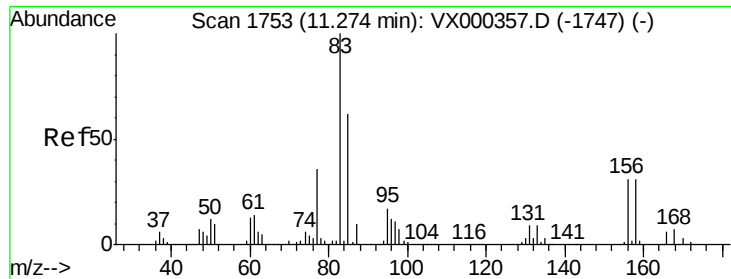
10000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 18.72 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

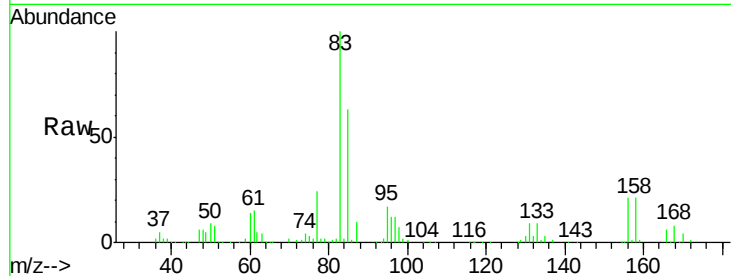
Tgt Ion: 83 Resp: 66948

Ion Ratio Lower Upper

83 100

131 9.5 5.0 14.9

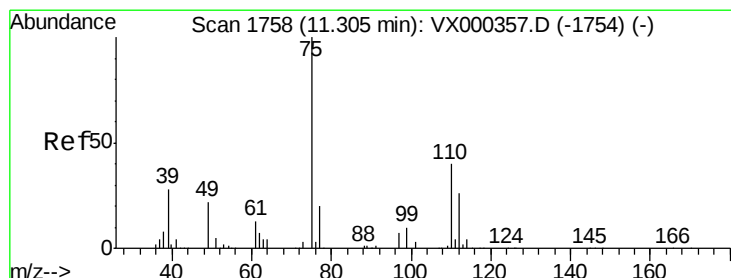
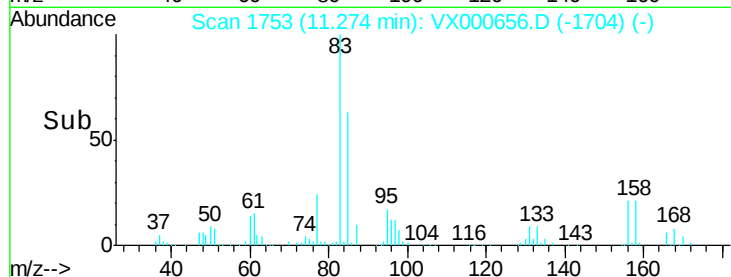
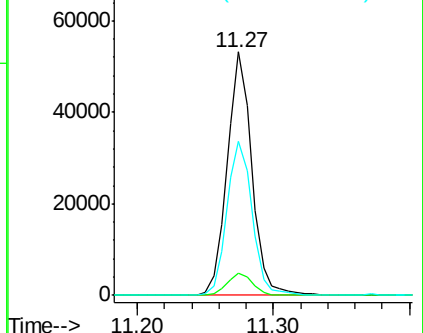
85 64.7 32.5 97.5



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



#76

1,2,3-Trichloropropane

Concen: 22.91 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000656.D

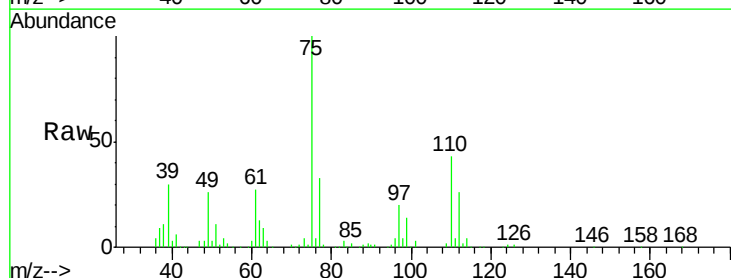
Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 75165

Ion Ratio Lower Upper

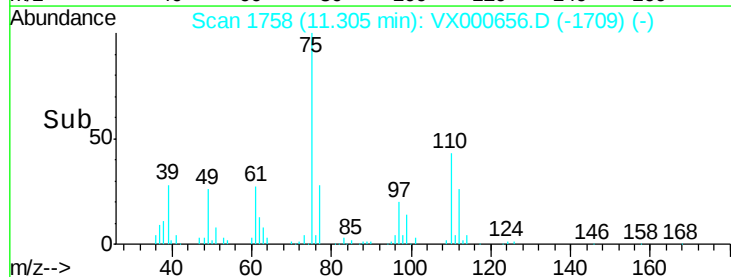
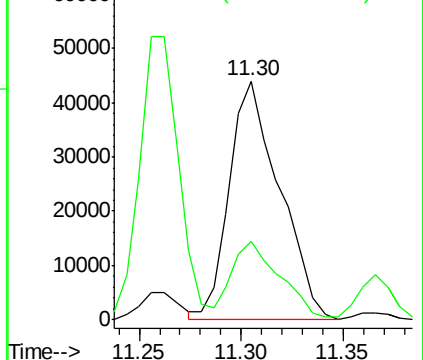
75 100

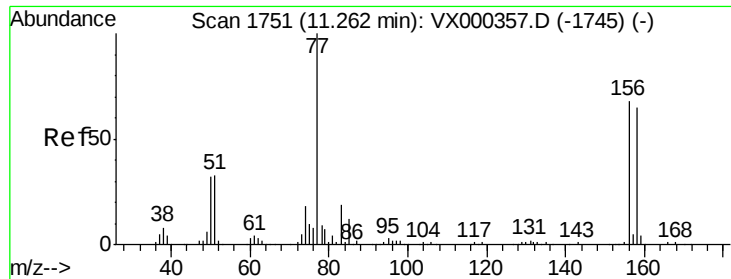
77 31.8 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.39 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

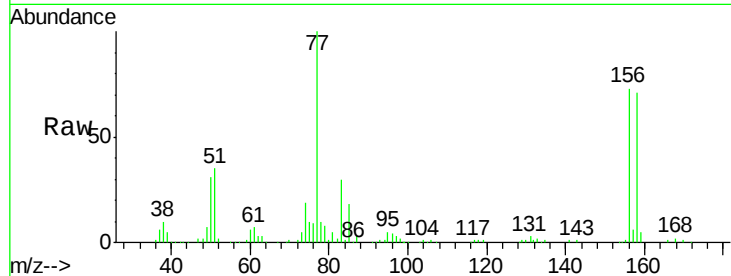
Tgt Ion:156 Resp: 46853

Ion Ratio Lower Upper

156 100

77 148.5 73.4 220.2

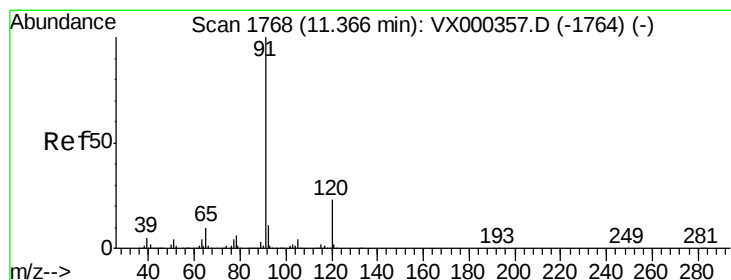
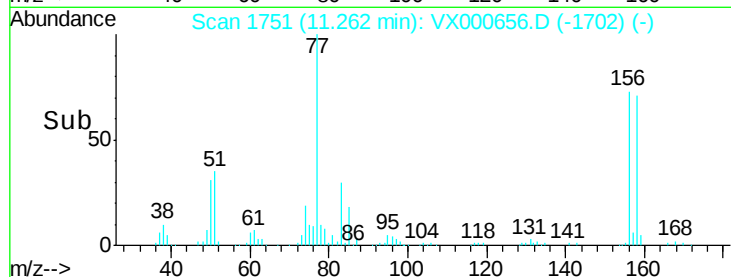
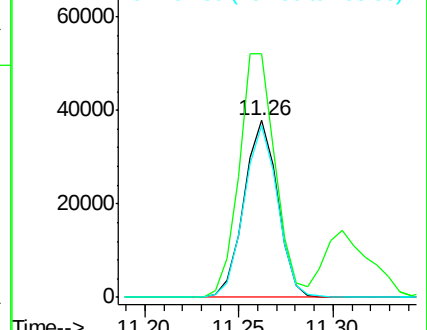
158 97.3 48.5 145.6



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



#78

n-propylbenzene

Concen: 19.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000656.D

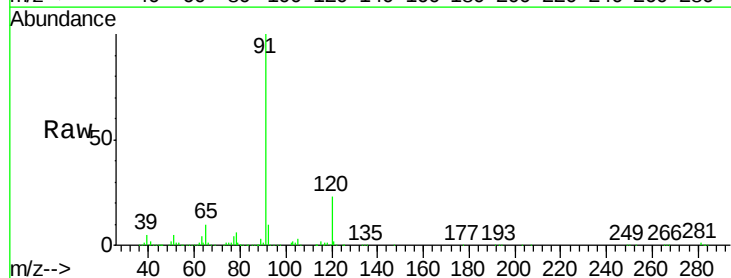
Acq: 03 Apr 2018 17:47

Tgt Ion: 91 Resp: 231552

Ion Ratio Lower Upper

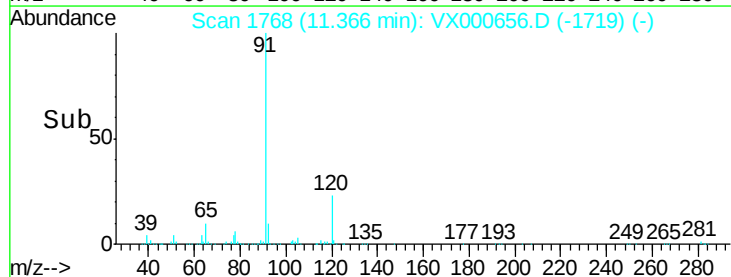
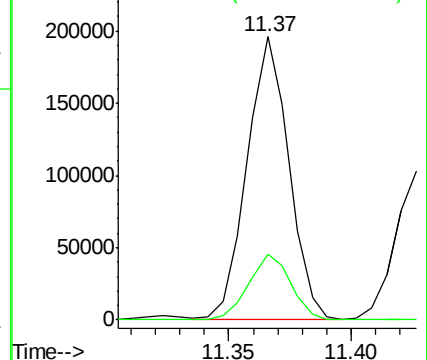
91 100

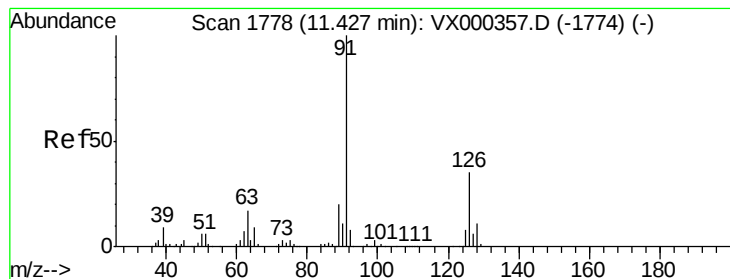
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.25 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

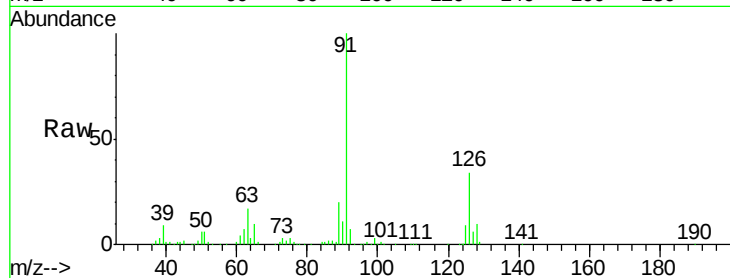
VX0403WBSD01

Tgt Ion: 91 Resp: 127115

Ion Ratio Lower Upper

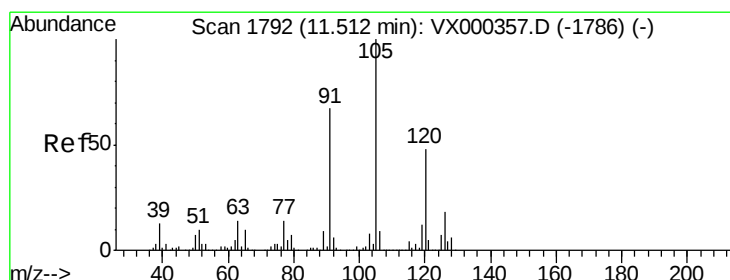
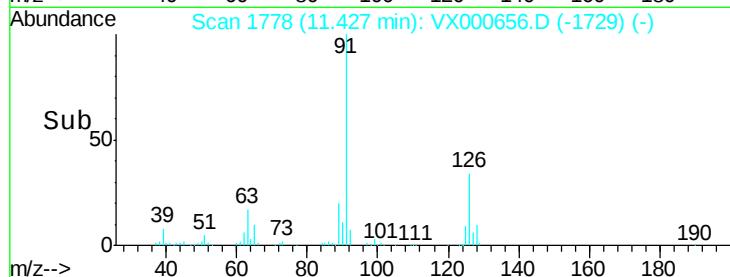
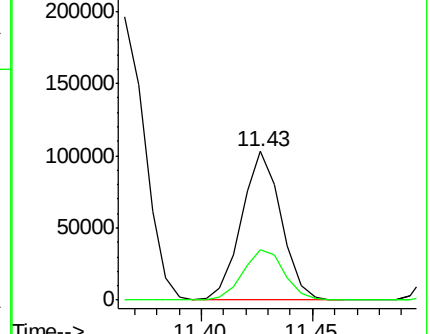
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000656.D

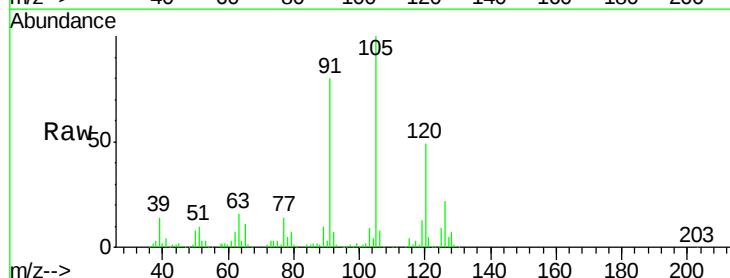
Acq: 03 Apr 2018 17:47

Tgt Ion: 105 Resp: 157626

Ion Ratio Lower Upper

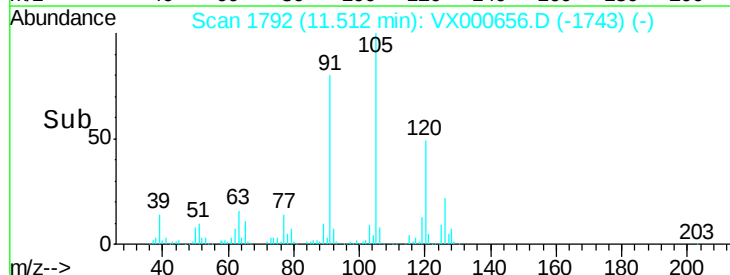
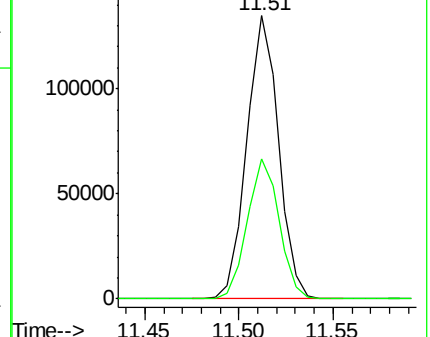
105 100

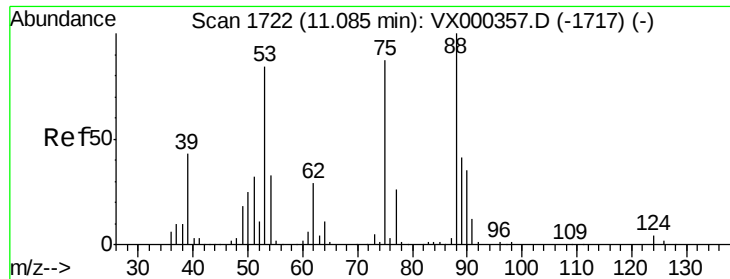
120 49.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

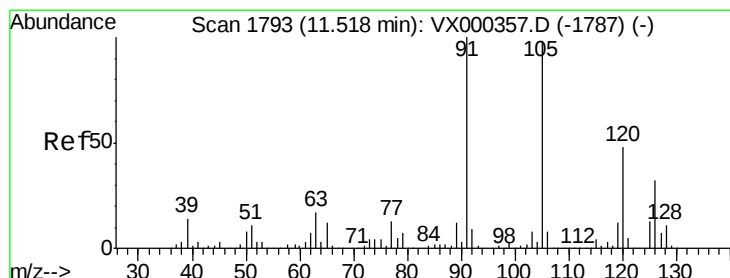
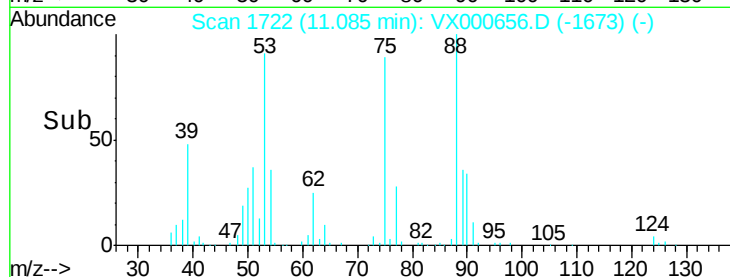
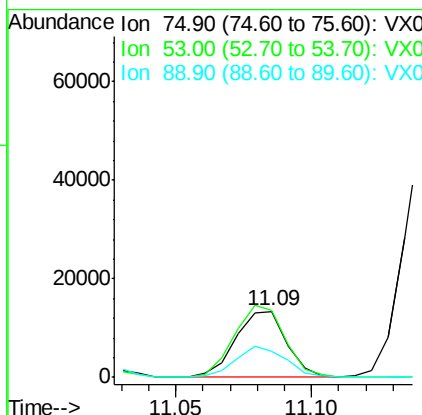
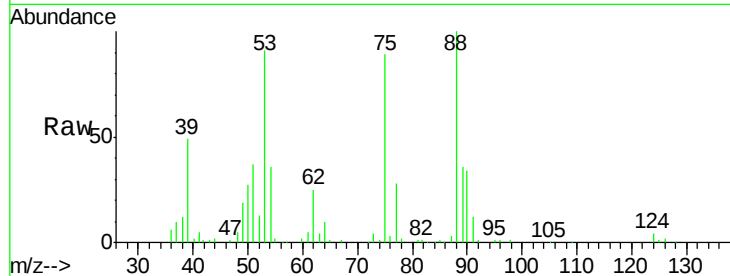




#81
trans-1,4-Dichloro-2-butene
Concen: 17.28 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

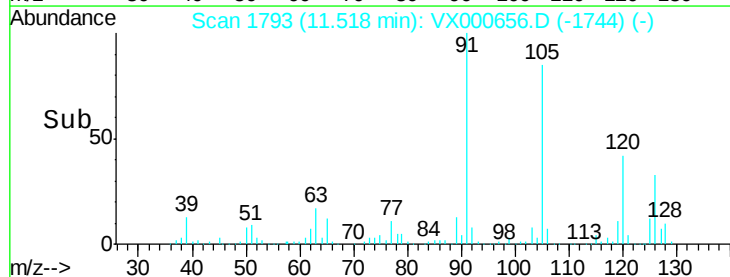
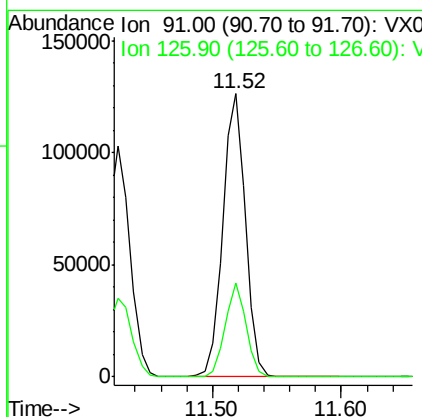
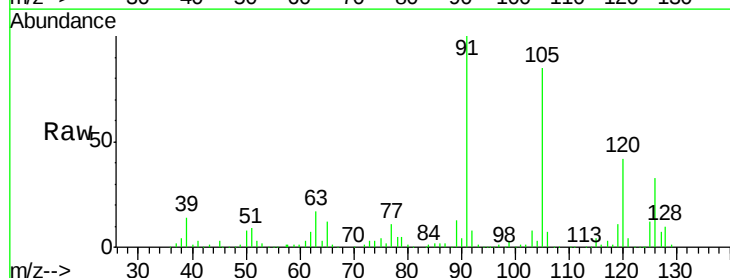
Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion: 75 Resp: 17507
Ion Ratio Lower Upper
75 100
53 108.7 80.7 121.1
89 46.1 39.4 59.0



#82
4-Chlorotoluene
Concen: 18.84 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion: 91 Resp: 156729
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.1

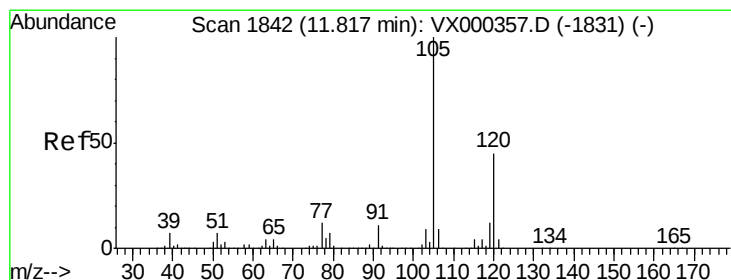
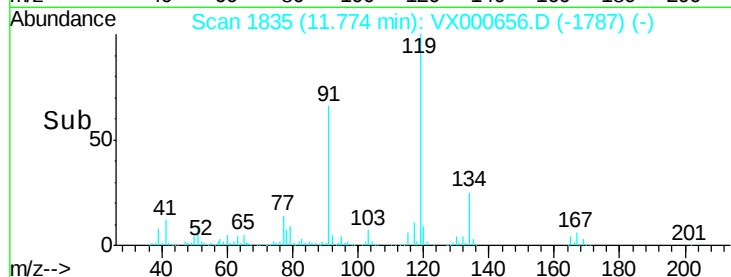
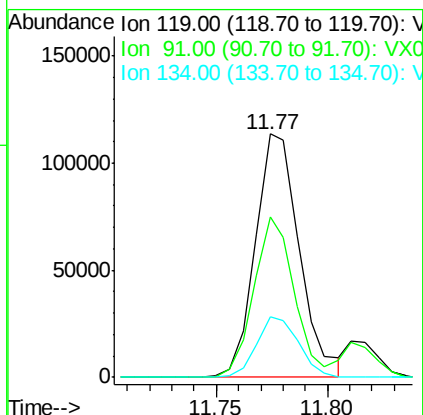
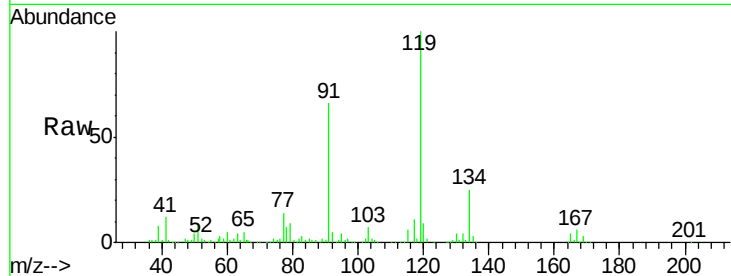




#83
 tert-Butylbenzene
 Concen: 18.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

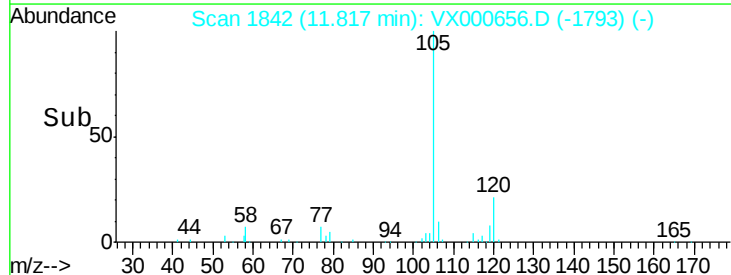
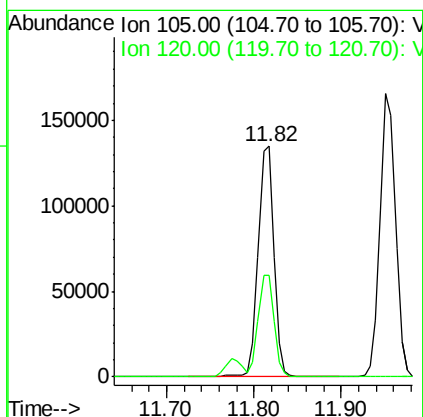
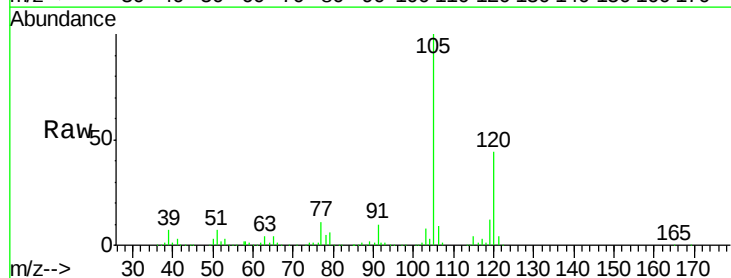
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

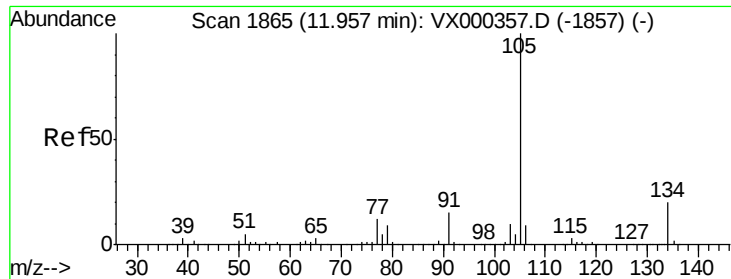
Tgt Ion:119 Resp: 156472
 Ion Ratio Lower Upper
 119 100
 91 60.3 28.8 86.4
 134 23.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.79 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:105 Resp: 167558
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3

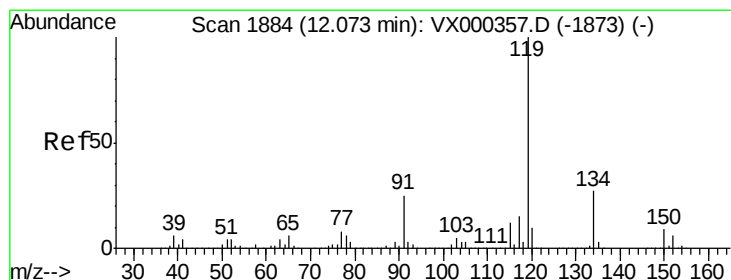
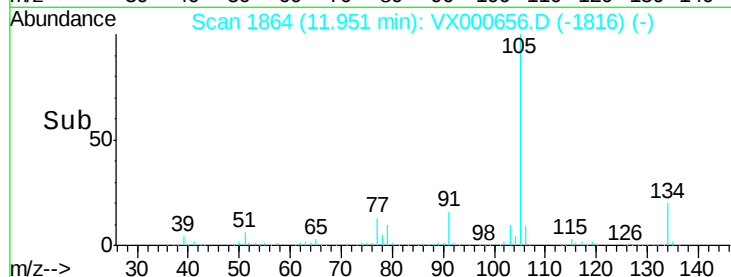
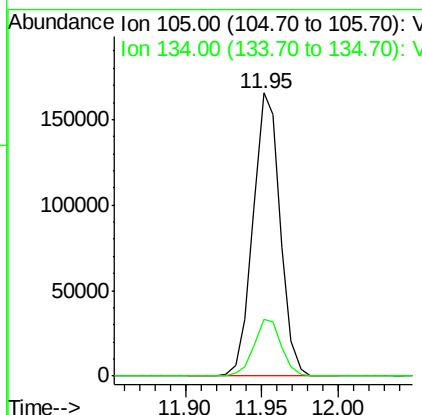
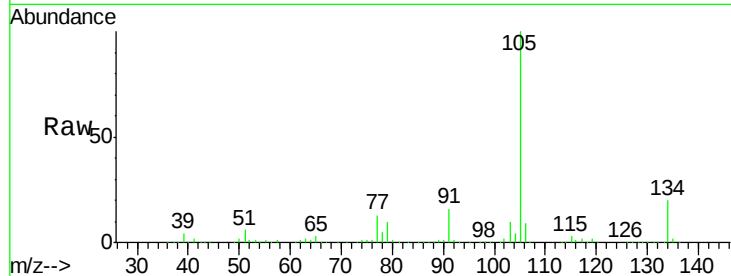




#85
 sec-Butylbenzene
 Concen: 19.15 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

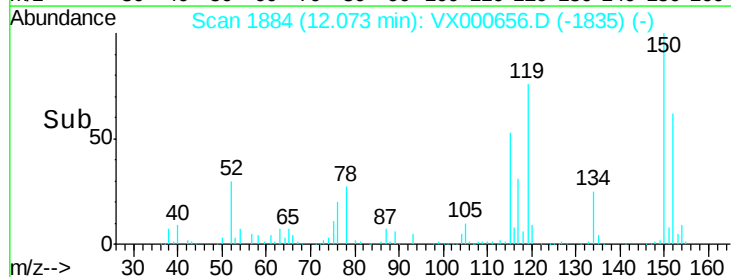
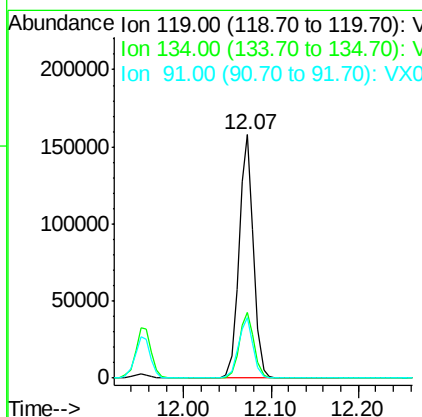
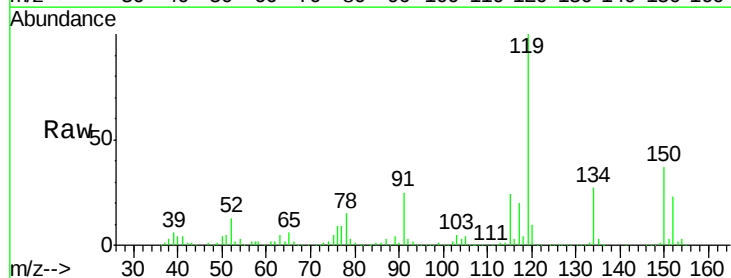
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion:105 Resp: 203195
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.28 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:119 Resp: 181738
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.9
 91 25.2 12.0 36.1

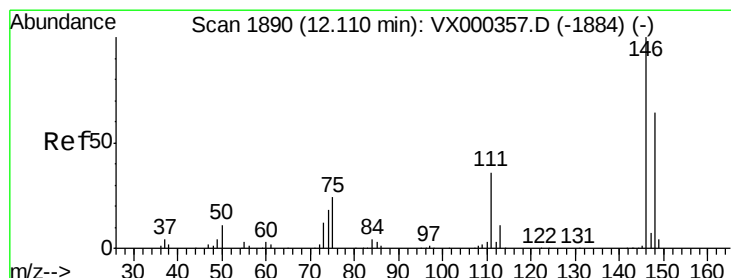
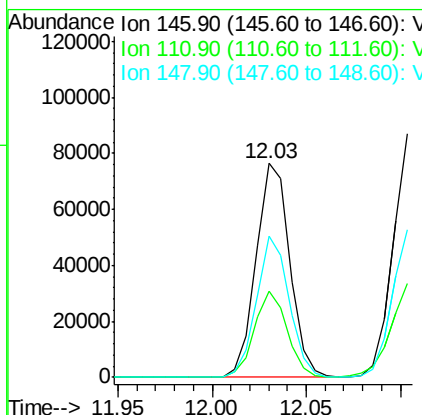
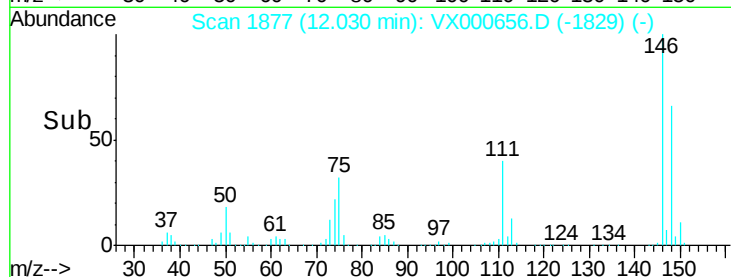
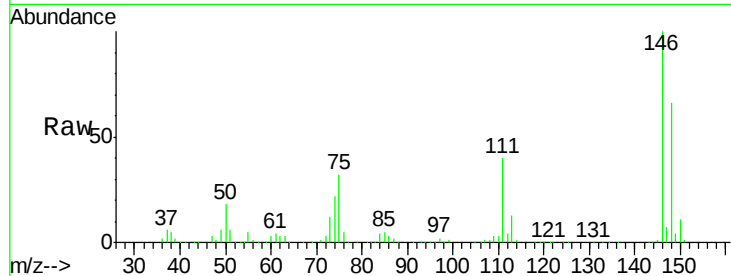




#87
 1,3-Dichlorobenzene
 Concen: 18.67 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

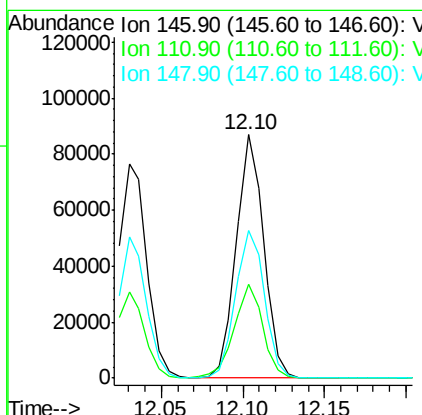
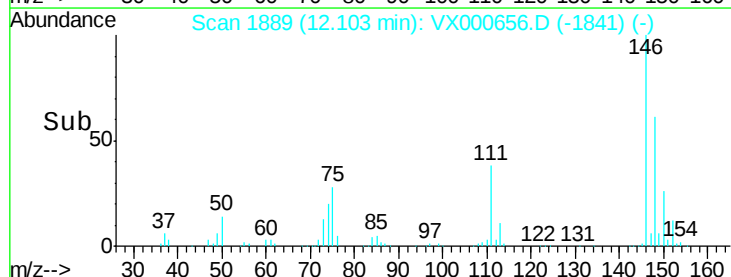
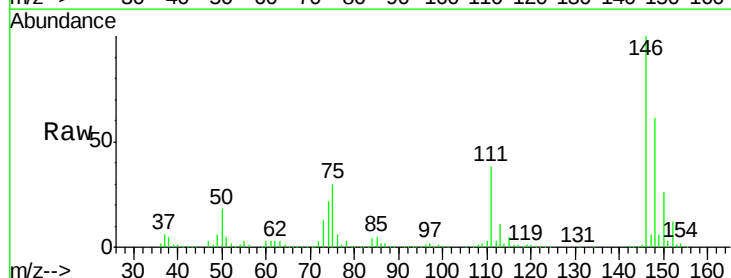
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion:146 Resp: 95102
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 64.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.06 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:146 Resp: 101914
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.9 56.9
 148 64.2 31.0 93.0





#89

n-Butylbenzene

Concen: 20.85 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000656.D

Acq: 03 Apr 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VX0403WBSD01

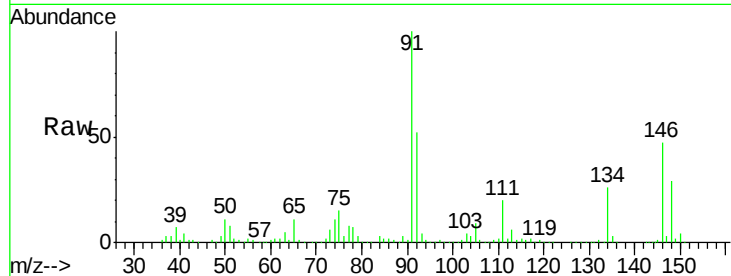
Tgt Ion: 91 Resp: 182962

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.8

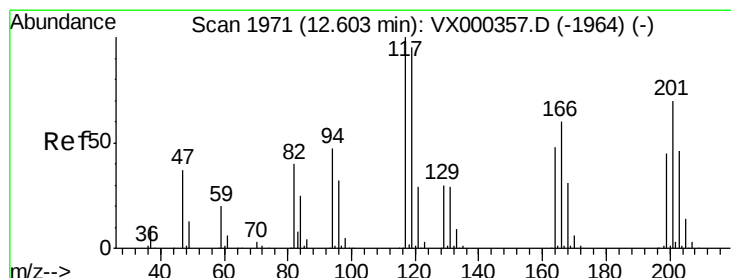
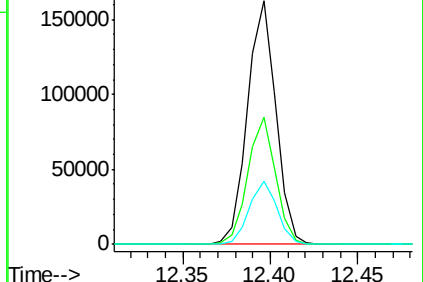
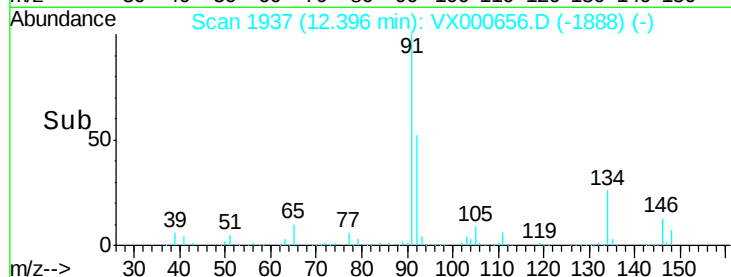
134 25.8 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.01 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000656.D

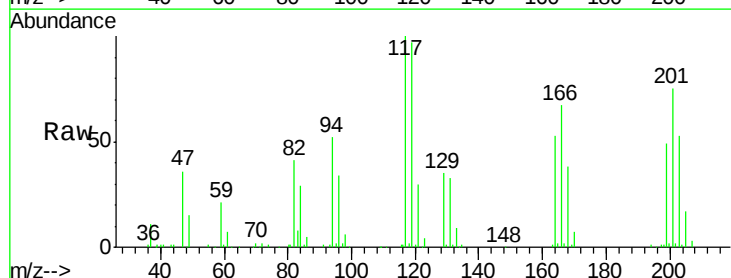
Acq: 03 Apr 2018 17:47

Tgt Ion: 117 Resp: 28206

Ion Ratio Lower Upper

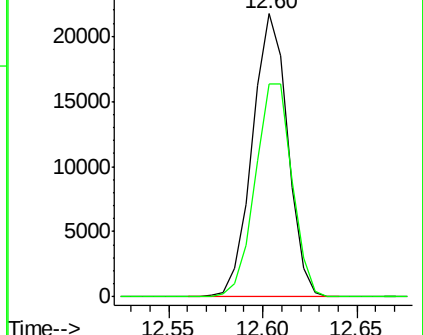
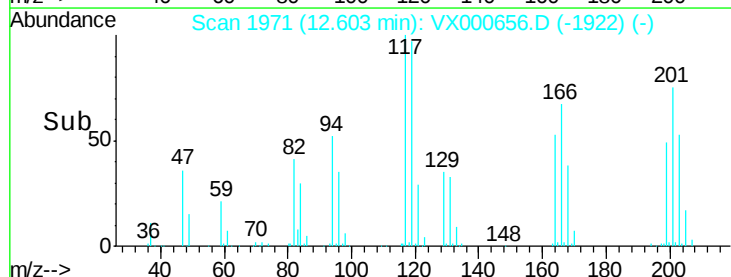
117 100

201 78.8 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

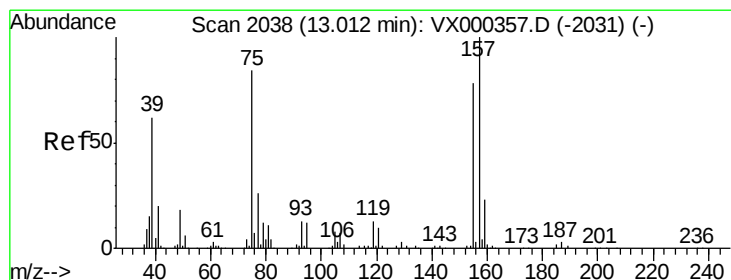
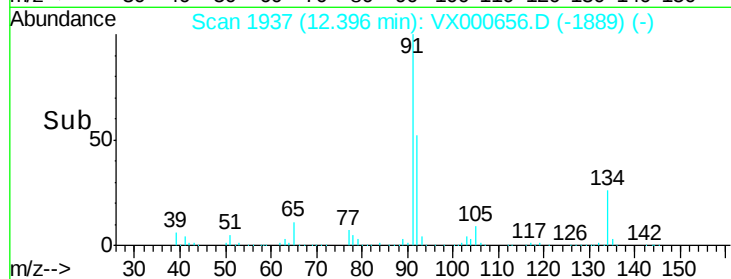
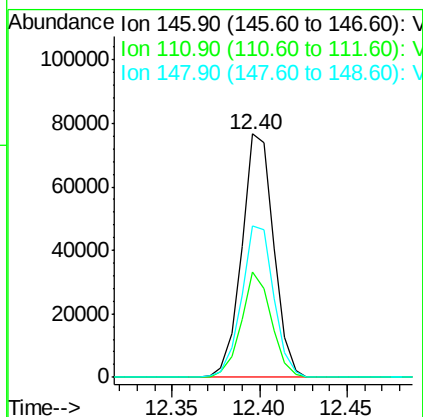
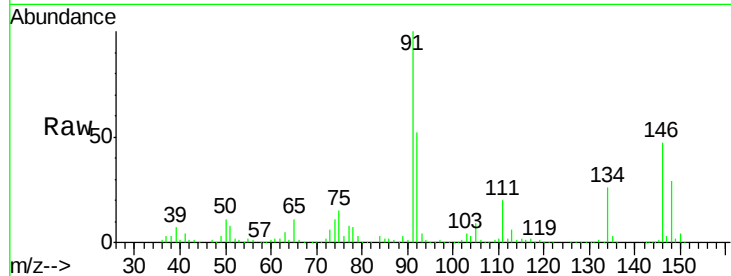




#91
 1,2-Dichlorobenzene
 Concen: 19.42 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

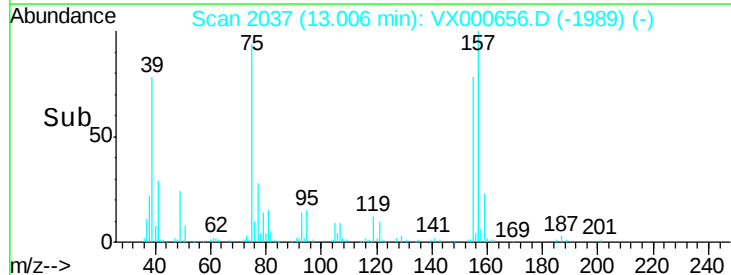
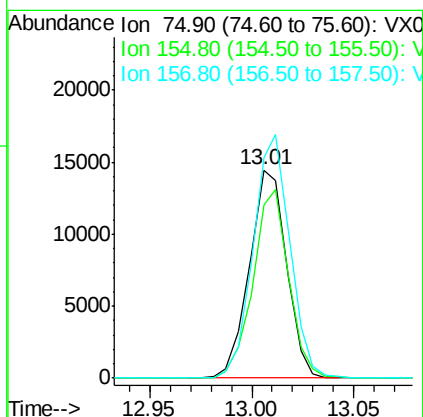
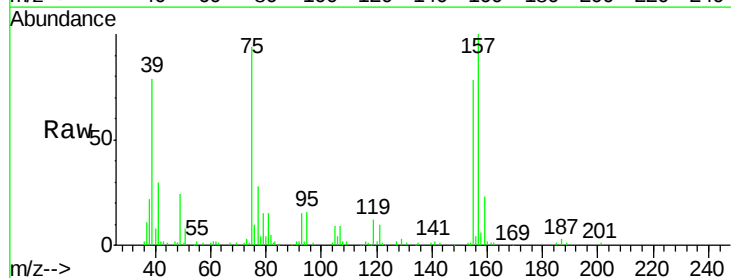
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion: 146 Resp: 96986
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.2
 148 62.5 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion: 75 Resp: 18228
 Ion Ratio Lower Upper
 75 100
 155 87.6 45.0 134.8
 157 116.0 58.1 174.2

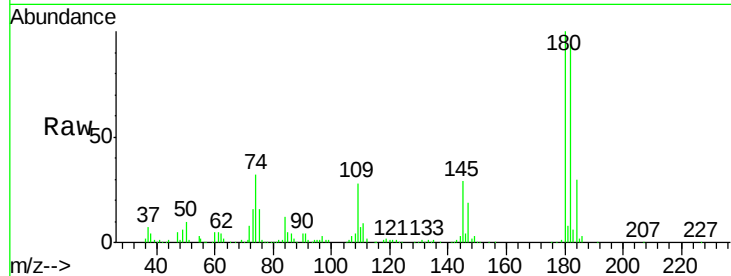




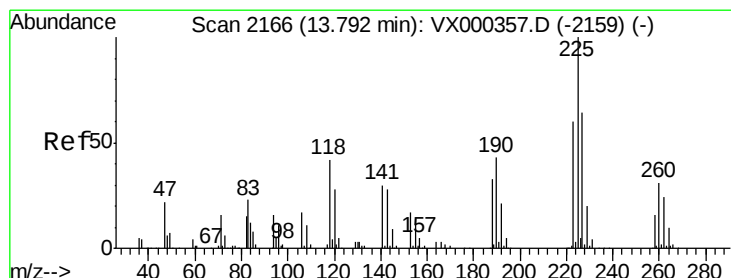
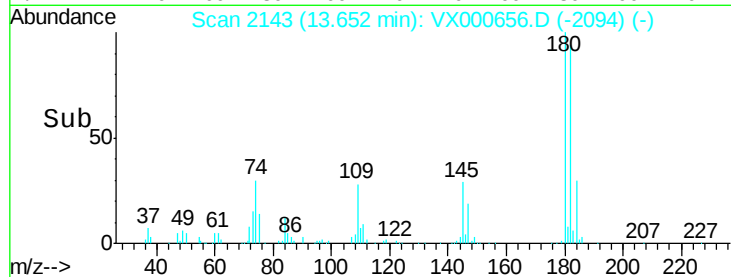
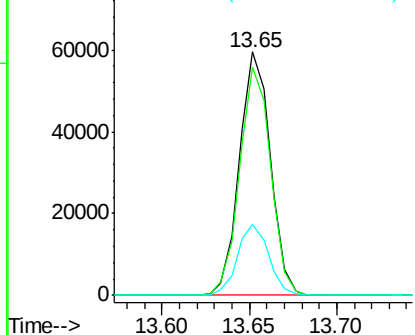
#93
 1,2,4-Trichlorobenzene
 Concen: 20.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0403WBSD01

Tgt Ion:180 Resp: 73163
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.6 142.9
 145 29.4 15.1 45.3

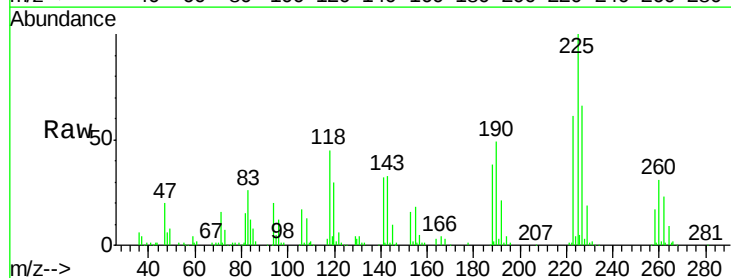


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

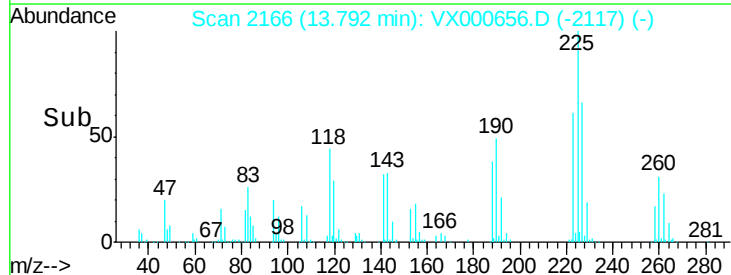
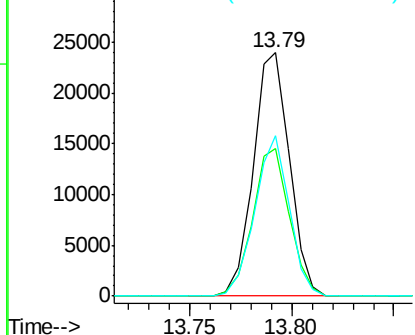


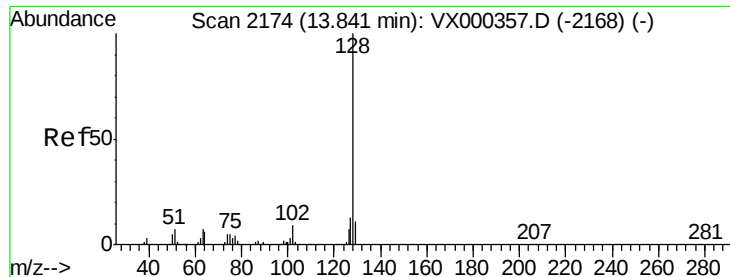
#94
 Hexachlorobutadiene
 Concen: 19.89 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000656.D
 Acq: 03 Apr 2018 17:47

Tgt Ion:225 Resp: 29491
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.0 96.0
 227 62.9 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

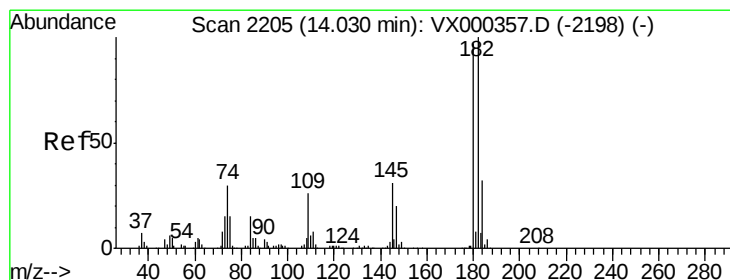
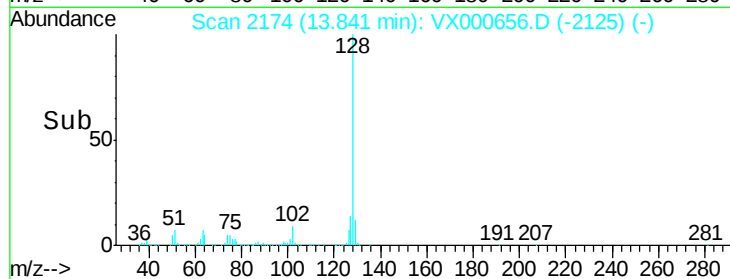
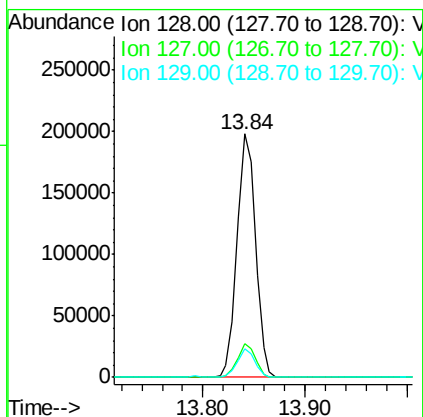
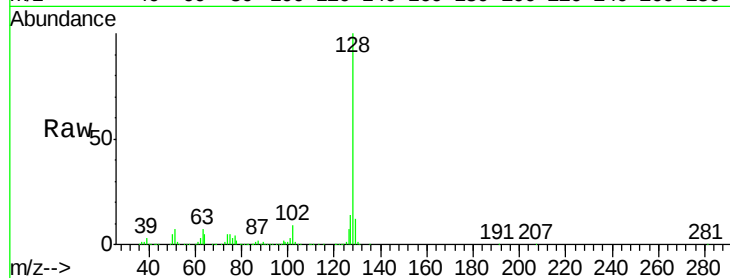




#95
Naphthalene
Concen: 19.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VX0403WBSD01

Tgt Ion:128 Resp: 246208
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.58 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000656.D
Acq: 03 Apr 2018 17:47

Tgt Ion:180 Resp: 72806
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.4 15.8 47.3

