

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000561.D
 Acq On : 30 Mar 2018 15:20
 Operator : JC/MD
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Quant Time: Mar 30 15:38:04 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	121308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	86298	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	5.52	113	65752	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.73	98	272686	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.15	95	101190	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	21932	16.40	ug/l	94
3) Chloromethane	1.32	50	24740	17.57	ug/l	96
4) Vinyl Chloride	1.40	62	30691	20.62	ug/l	96
5) Bromomethane	1.64	94	39239	22.05	ug/l	96
6) Chloroethane	1.73	64	23209	27.55	ug/l	100
7) Trichlorofluoromethane	1.93	101	61474	22.89	ug/l	99
8) Diethyl Ether	2.19	74	22464	23.40	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32872	21.95	ug/l	99
10) Methyl Iodide	2.52	142	21146	17.31	ug/l	98
11) Tert butyl alcohol	3.08	59	69086	126.84	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30873	23.48	ug/l	98
13) Acrolein	2.30	56	25970	155.20	ug/l	98
14) Allyl chloride	2.73	41	55162	23.70	ug/l	100
15) Acrylonitrile	3.15	53	129821	117.68	ug/l	99
16) Acetone	2.45	43	161033	122.25	ug/l	99
17) Carbon Disulfide	2.57	76	78987	22.59	ug/l	96
18) Methyl Acetate	2.79	43	63755	23.09	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	112470	23.13	ug/l	97
20) Methylene Chloride	2.86	84	35221	23.15	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	33125	22.58	ug/l	95
22) Diisopropyl ether	3.88	45	68241	16.60	ug/l	98
23) Vinyl Acetate	3.84	43	326919	83.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52141	20.18	ug/l	99
25) 2-Butanone	4.73	43	143844	97.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33126	18.29	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	26141	19.07	ug/l	96
28) Bromochloromethane	5.03	49	21751	20.41	ug/l	100
29) Tetrahydrofuran	5.18	42	88095	96.70	ug/l	99
30) Chloroform	5.23	83	47355	19.55	ug/l	91
31) Cyclohexane	5.59	56	36624	18.33	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	42101	19.27	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35083	18.72	ug/l	98
37) Ethyl Acetate	4.88	43	46795	18.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	35020	17.81	ug/l	92

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Instrument :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	41432	18.18	ug/l	93
40) Benzene	6.15	78	104330	19.17	ug/l	99
41) Methacrylonitrile	5.07	41	24282	17.99	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40094	18.78	ug/l	99
43) Isopropyl Acetate	6.48	43	70293	18.45	ug/l	99
44) Trichloroethene	7.22	130	29589	18.98	ug/l	95
45) 1,2-Dichloropropane	7.53	63	26620	19.11	ug/l	98
46) Dibromomethane	7.68	93	20476	18.73	ug/l	97
47) Bromodichloromethane	7.91	83	36544	19.00	ug/l	96
48) Methyl methacrylate	7.79	41	33996	18.38	ug/l	97
49) 1,4-Dioxane	7.77	88	16433	422.64	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	283361	96.08	ug/l	99
52) Toluene	8.79	92	71313	18.75	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	40932	18.36	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	39030	18.05	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	29941	19.14	ug/l	98
56) Ethyl methacrylate	9.19	69	43022	18.15	ug/l	99
57) 1,3-Dichloropropane	9.38	76	48496	19.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	107229	94.25	ug/l	97
59) 2-Hexanone	9.51	43	243705	97.32	ug/l	99
60) Dibromochloromethane	9.59	129	29538	18.76	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32312	19.26	ug/l	97
64) Tetrachloroethene	9.34	164	29957	18.56	ug/l	97
65) Chlorobenzene	10.15	112	85462	18.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	28305	18.00	ug/l	98
67) Ethyl Benzene	10.26	91	144692	18.44	ug/l	100
68) m/p-Xylenes	10.37	106	115738	37.48	ug/l	97
69) o-Xylene	10.71	106	55633	18.60	ug/l	96
70) Styrene	10.72	104	91644	18.52	ug/l	99
71) Bromoform	10.87	173	23074	17.51	ug/l #	95
73) Isopropylbenzene	11.02	105	150769	17.96	ug/l	99
74) N-amyl acetate	6.48	43	70293	17.04	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54252	18.27	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	62085	22.80	ug/l	83
77) Bromobenzene	11.26	156	39788	17.79	ug/l	99
78) n-propylbenzene	11.37	91	181630	18.15	ug/l	99
79) 2-Chlorotoluene	11.43	91	101756	17.60	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129570	18.36	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13460	16.01	ug/l	89
82) 4-Chlorotoluene	11.52	91	128920	18.68	ug/l	100
83) tert-Butylbenzene	11.78	119	127573	17.92	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	137911	18.64	ug/l	99
85) sec-Butylbenzene	11.96	105	160226	18.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	145287	18.58	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	77354	18.30	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	79888	18.00	ug/l	97
89) n-Butylbenzene	12.40	91	136443	18.74	ug/l	99
90) Hexachloroethane	12.60	117	20647	16.77	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	77623	18.73	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15221	18.38	ug/l	90

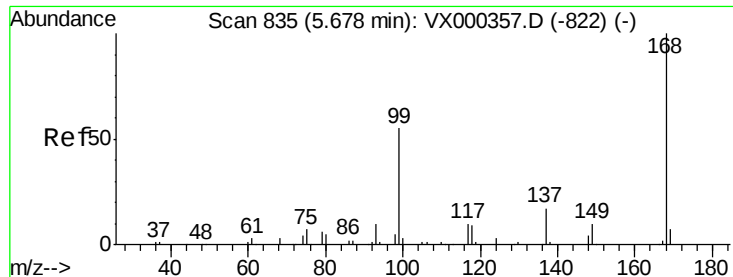
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55238	18.59	ug/l	97
94) Hexachlorobutadiene	13.79	225	23048	18.73	ug/l	98
95) Naphthalene	13.84	128	189880	18.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	54496	18.56	ug/l	99

(#) = 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: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

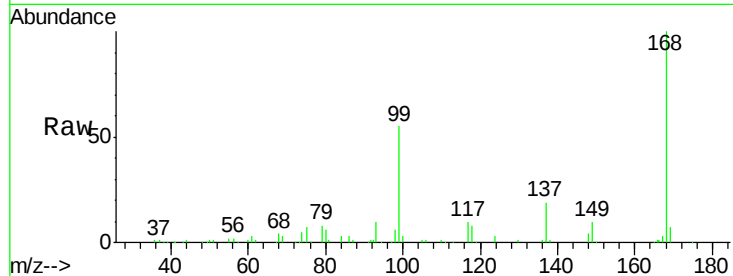
VX0330WBS01

Tgt Ion:168 Resp: 121308

Ion Ratio Lower Upper

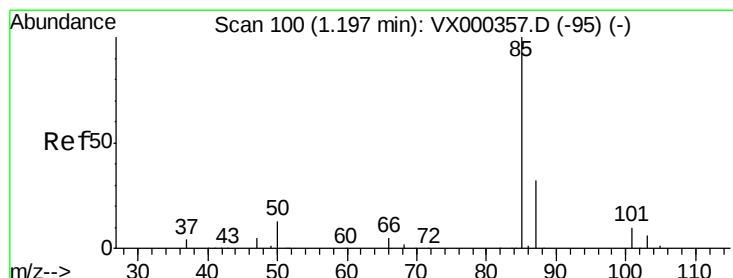
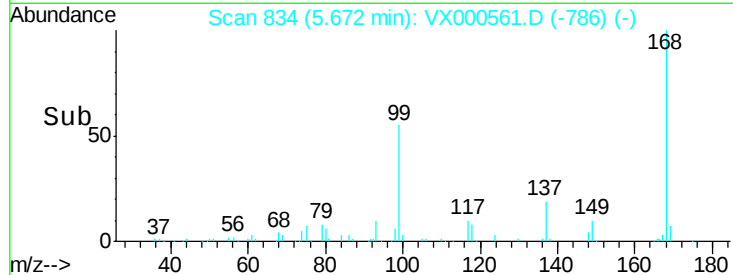
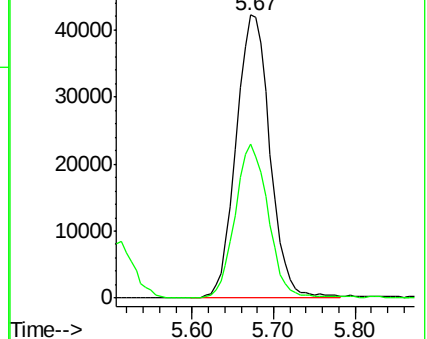
168 100

99 54.5 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: 16.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000561.D

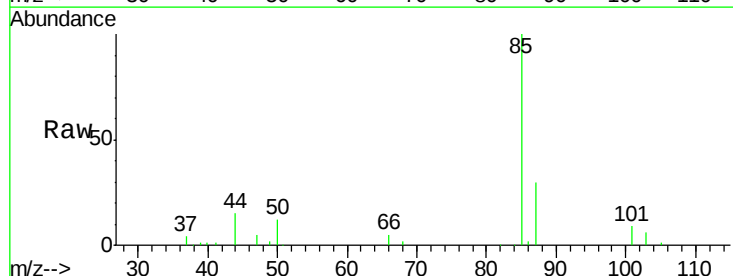
Acq: 30 Mar 2018 15:20

Tgt Ion: 85 Resp: 21932

Ion Ratio Lower Upper

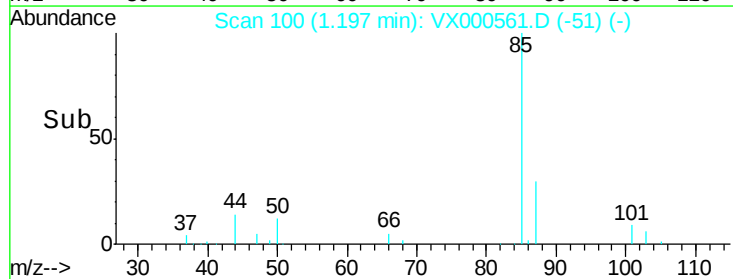
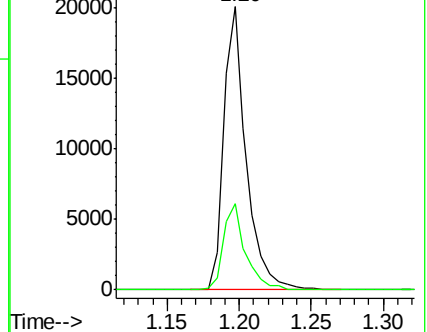
85 100

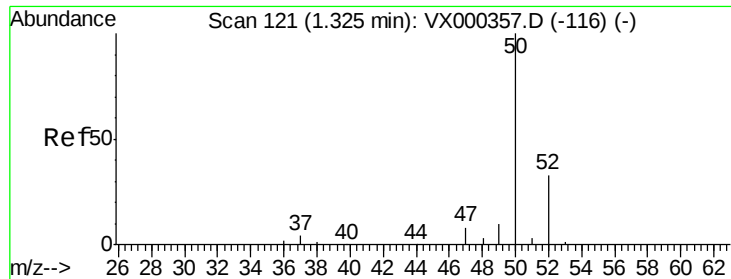
87 30.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

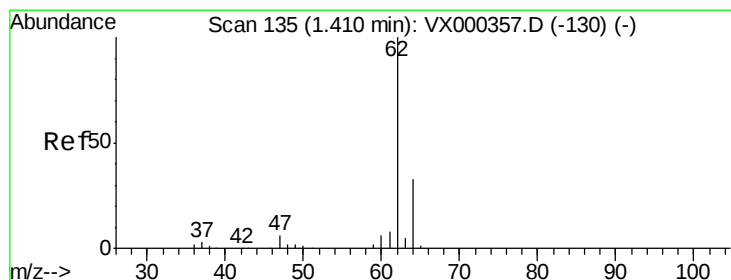
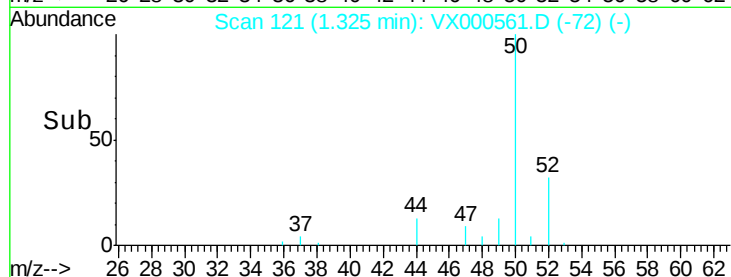
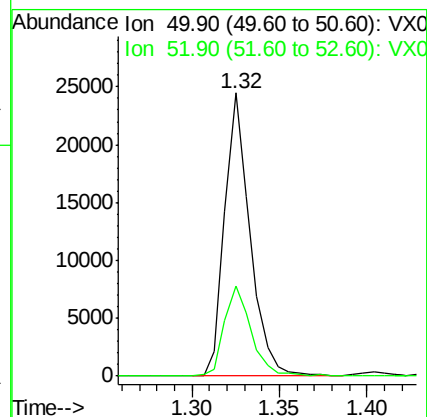
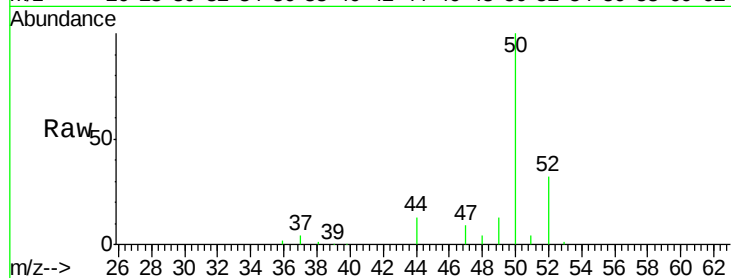
VX0330WBS01

Tgt Ion: 50 Resp: 24740

Ion Ratio Lower Upper

50 100

52 32.1 27.5 41.3



#4

Vinyl Chloride

Concen: 20.62 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000561.D

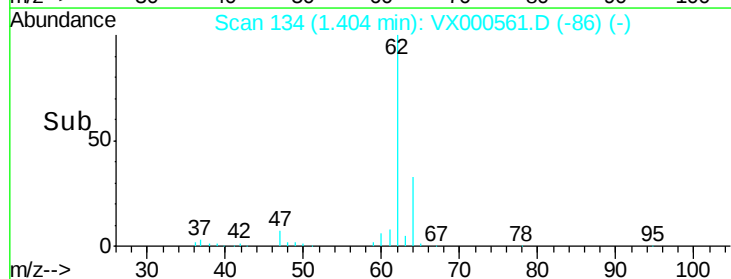
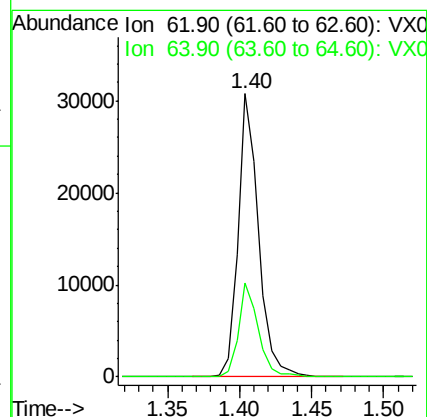
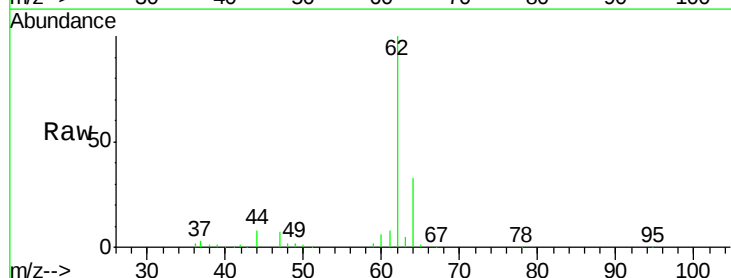
Acq: 30 Mar 2018 15:20

Tgt Ion: 62 Resp: 30691

Ion Ratio Lower Upper

62 100

64 33.3 24.8 37.2





#5

Bromomethane

Concen: 22.05 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

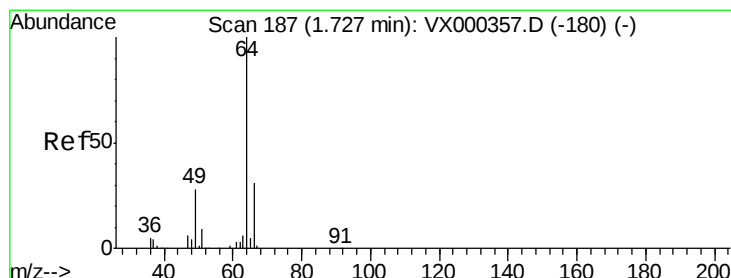
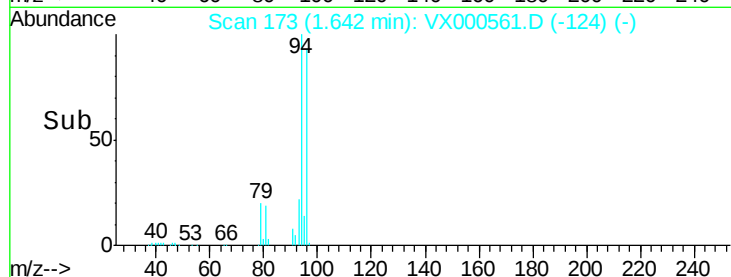
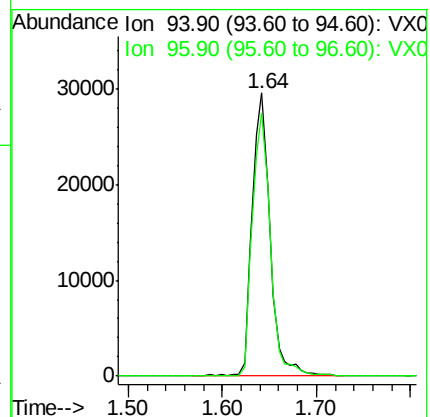
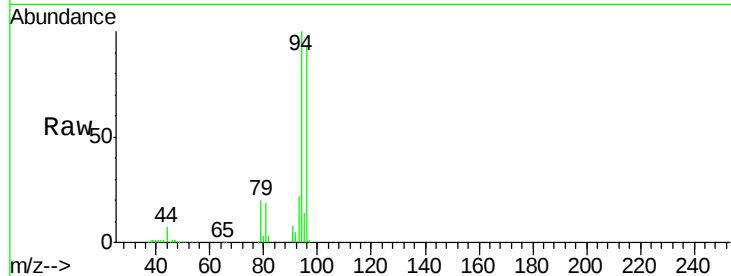
VX0330WBS01

Tgt Ion: 94 Resp: 39239

Ion Ratio Lower Upper

94 100

96 92.9 77.7 116.5



#6

Chloroethane

Concen: 27.55 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000561.D

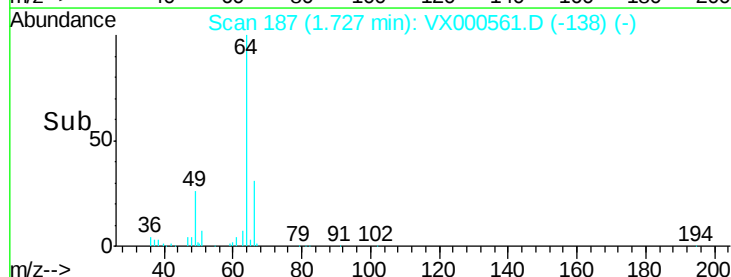
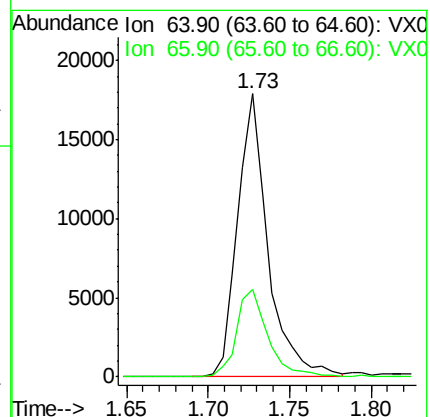
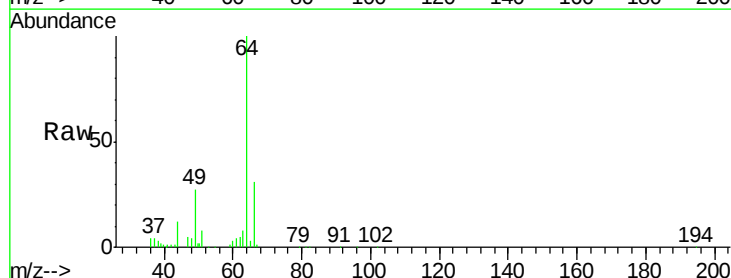
Acq: 30 Mar 2018 15:20

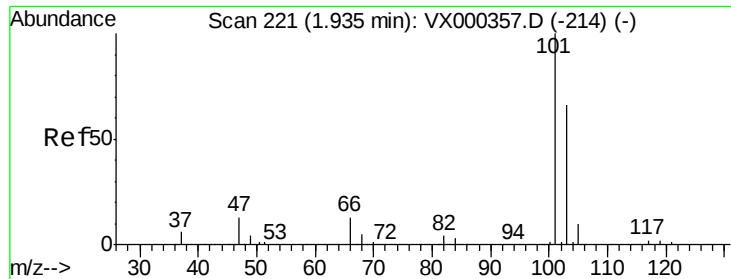
Tgt Ion: 64 Resp: 23209

Ion Ratio Lower Upper

64 100

66 30.9 24.8 37.2



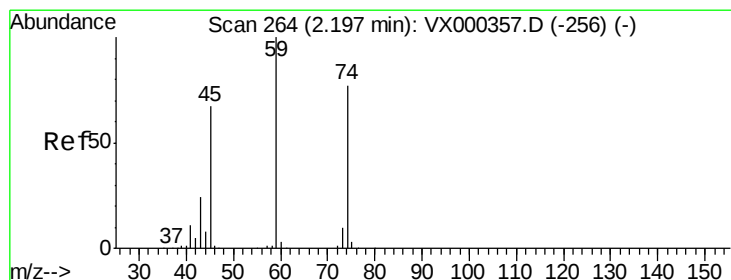
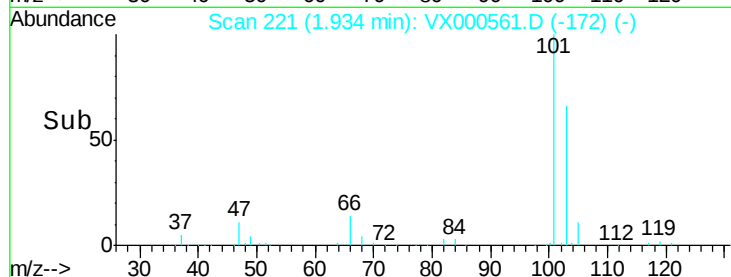
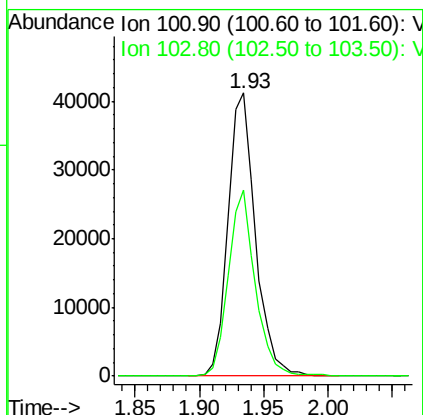
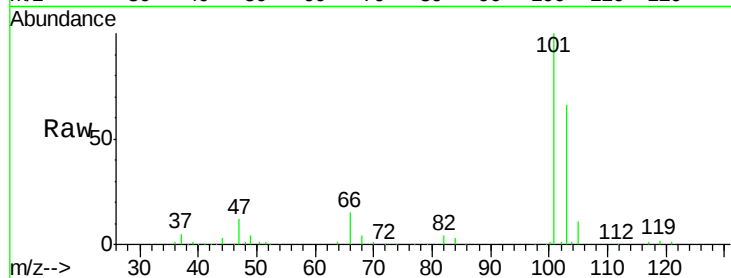


#7

Trichlorofluoromethane
Concen: 22.89 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

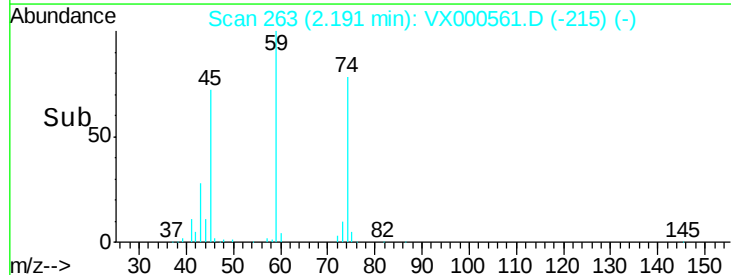
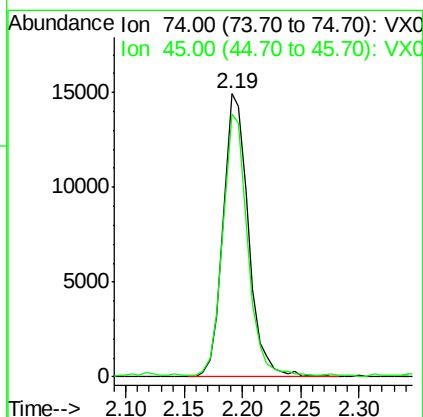
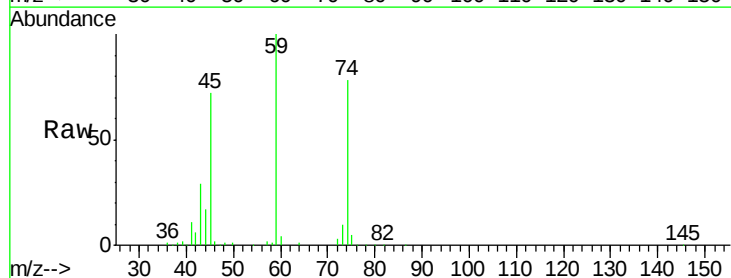
Tgt Ion:101 Resp: 61474
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

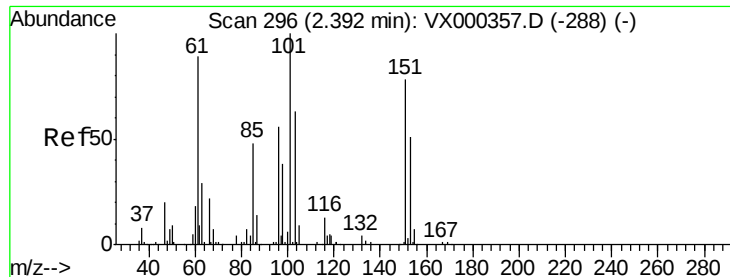


#8

Diethyl Ether
Concen: 23.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 74 Resp: 22464
Ion Ratio Lower Upper
74 100
45 90.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

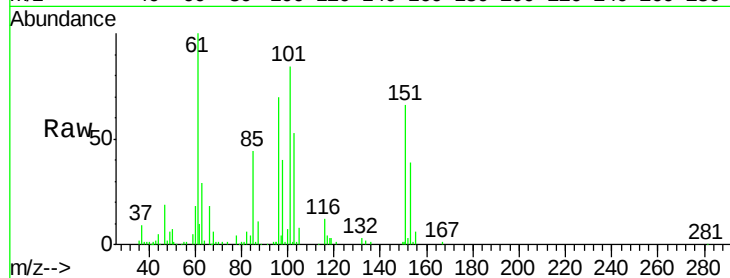
Tgt Ion:101 Resp: 32872

Ion Ratio Lower Upper

101 100

85 49.3 37.6 56.4

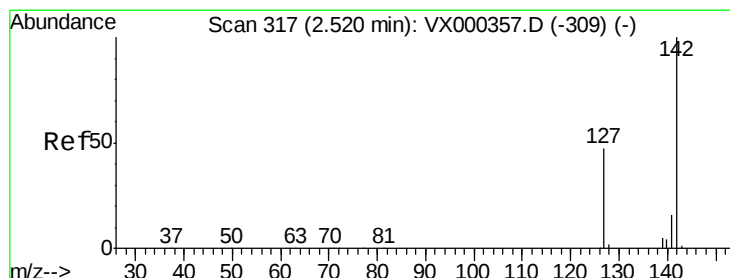
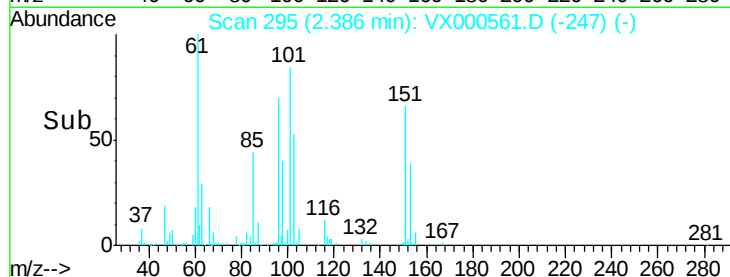
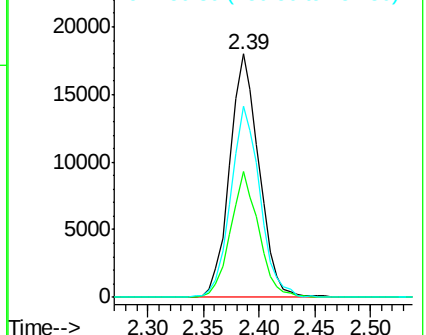
151 78.4 62.6 93.8



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: 17.31 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

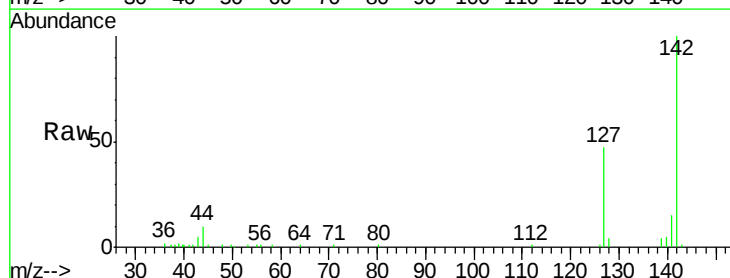
Tgt Ion:142 Resp: 21146

Ion Ratio Lower Upper

142 100

127 47.6 39.2 58.8

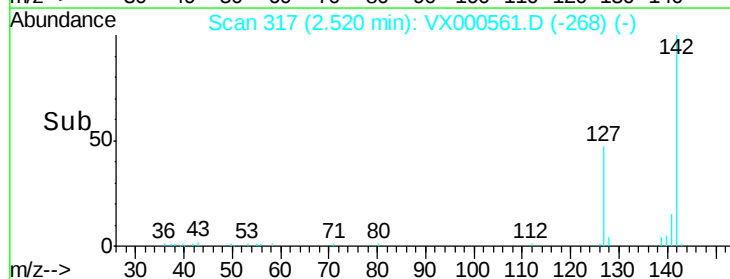
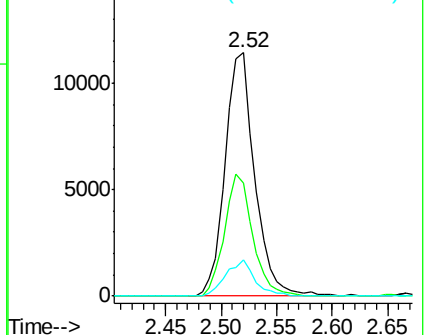
141 14.3 11.7 17.5

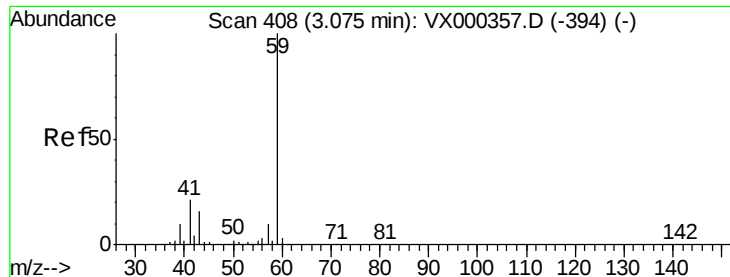


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

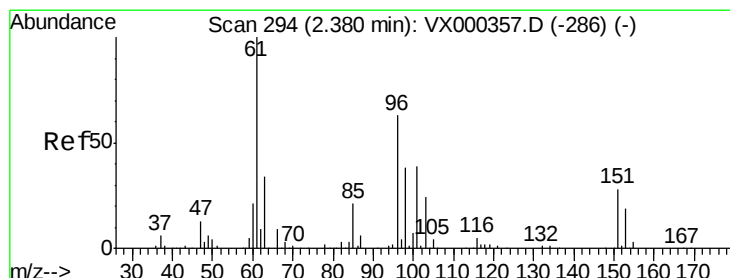
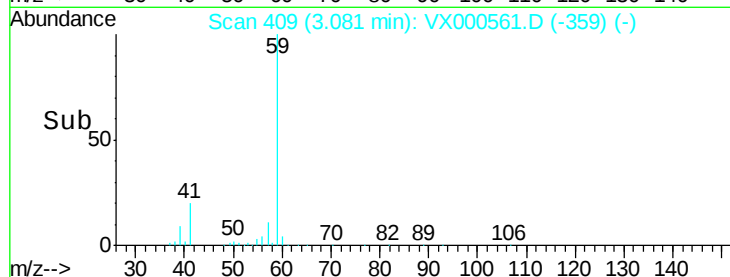
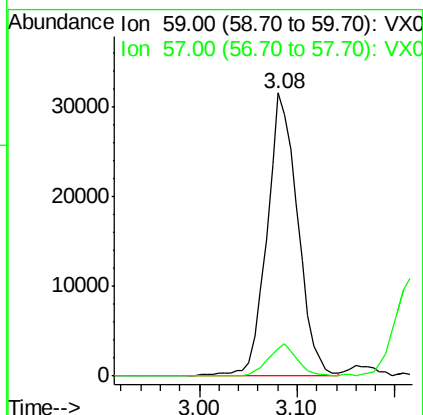
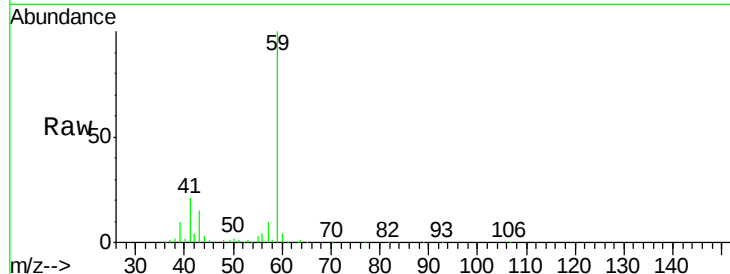




#11
Tert butyl alcohol
Concen: 126.84 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

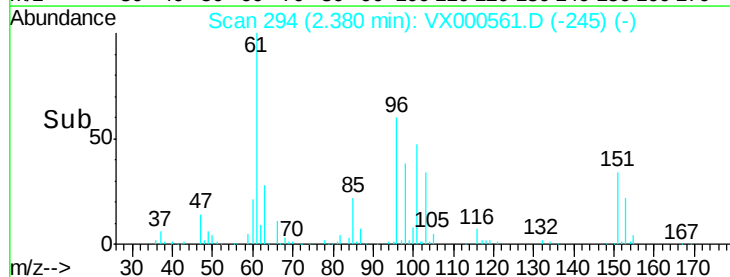
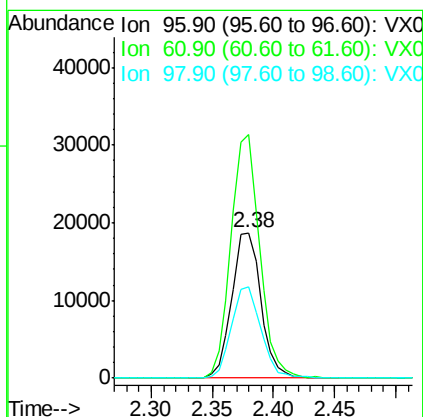
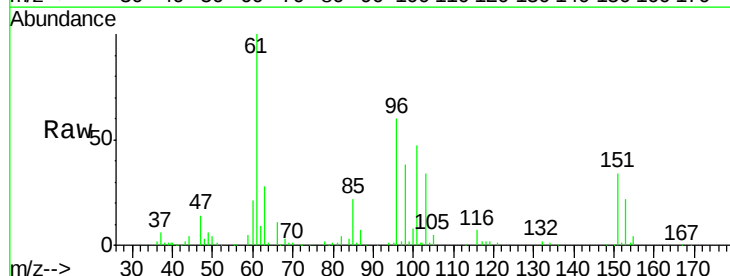
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

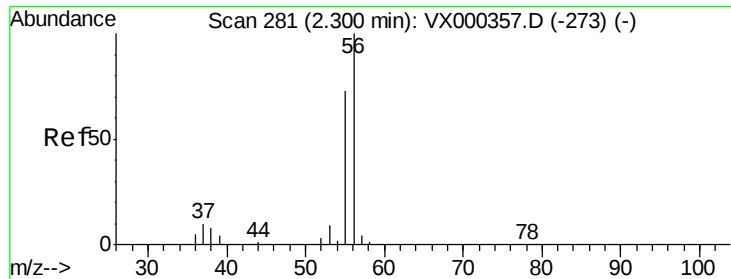
Tgt Ion: 59 Resp: 69086
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6



#12
1,1-Dichloroethene
Concen: 23.48 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 96 Resp: 30873
Ion Ratio Lower Upper
96 100
61 167.3 131.2 196.8
98 63.0 49.8 74.8

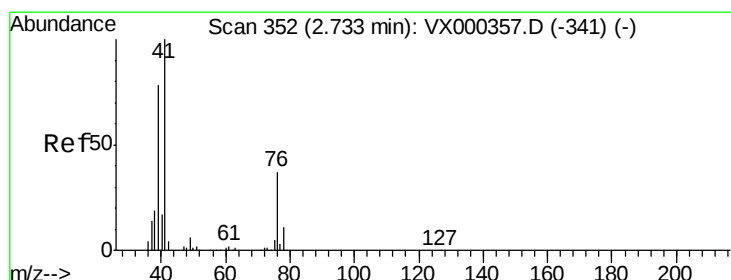
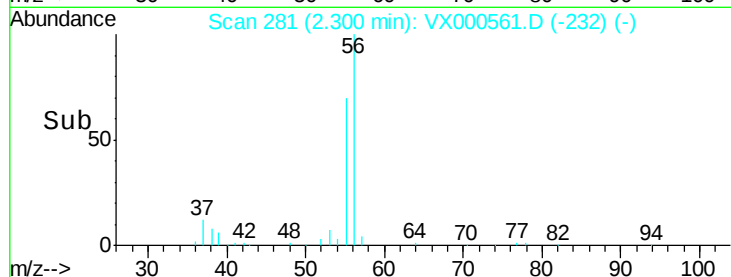
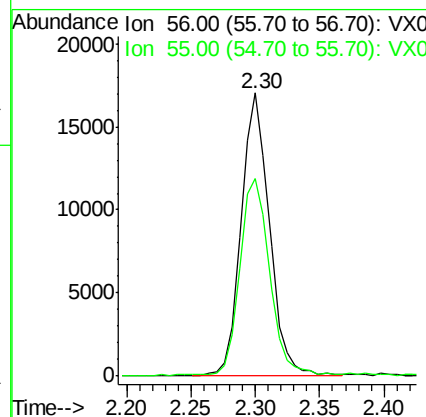
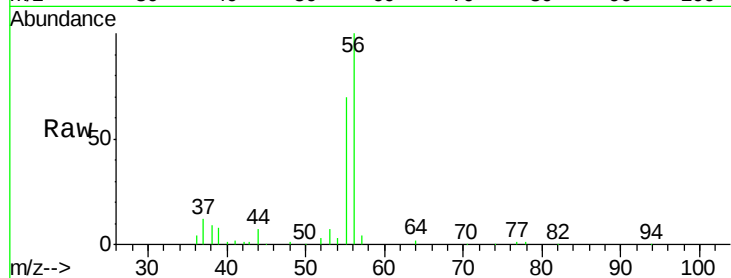




#13
 Acrolein
 Concen: 155.20 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

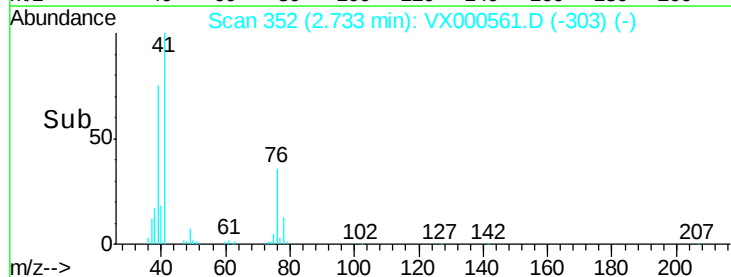
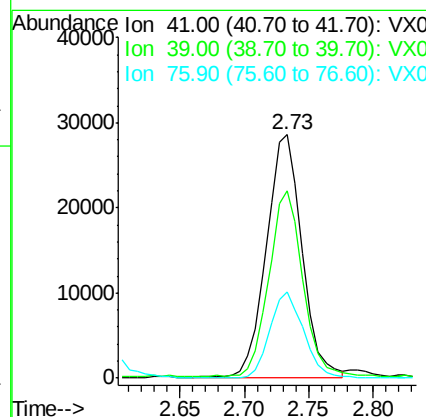
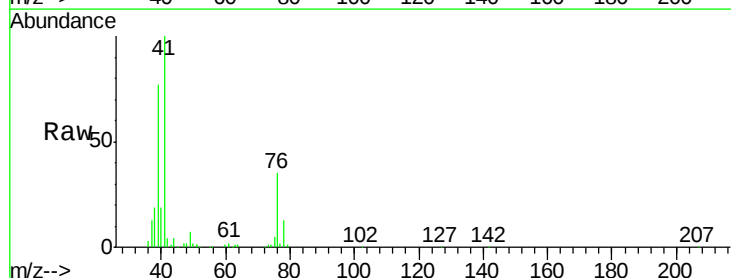
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tgt Ion: 56 Resp: 25970
 Ion Ratio Lower Upper
 56 100
 55 71.7 58.8 88.2



#14
 Allyl chloride
 Concen: 23.70 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 41 Resp: 55162
 Ion Ratio Lower Upper
 41 100
 39 72.0 57.6 86.4
 76 33.6 27.3 40.9





#15

Acrylonitrile

Concen: 117.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

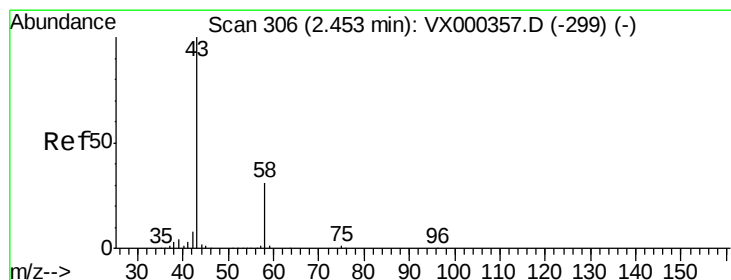
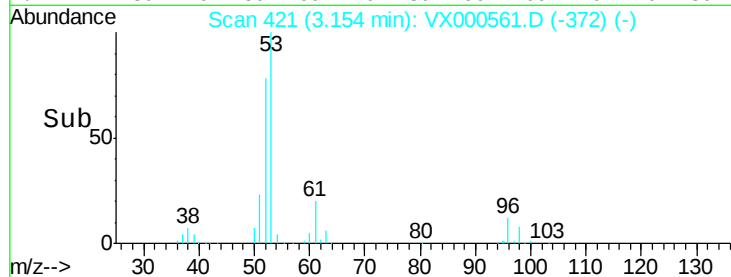
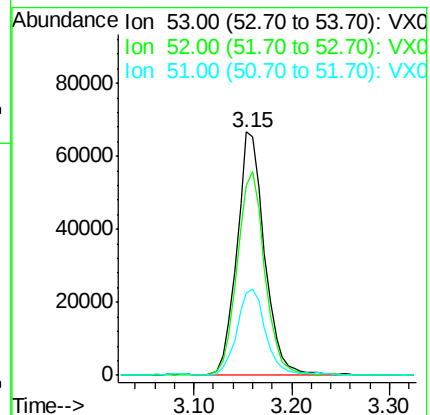
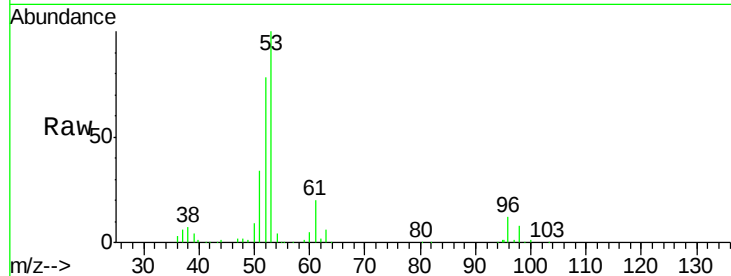
Tgt Ion: 53 Resp: 129821

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

51 37.6 29.3 43.9



#16

Acetone

Concen: 122.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000561.D

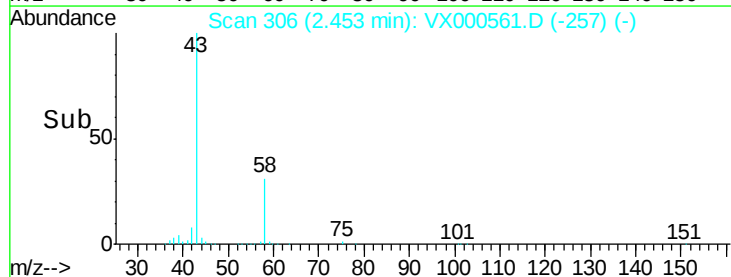
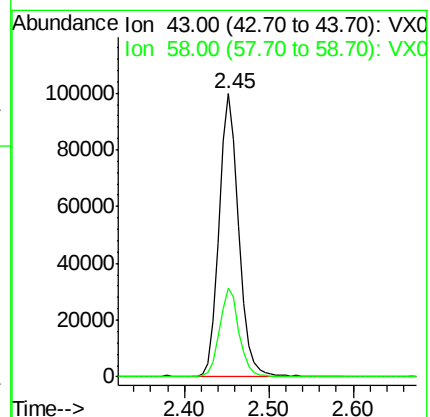
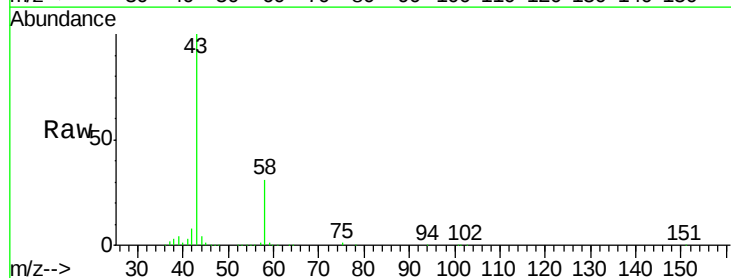
Acq: 30 Mar 2018 15:20

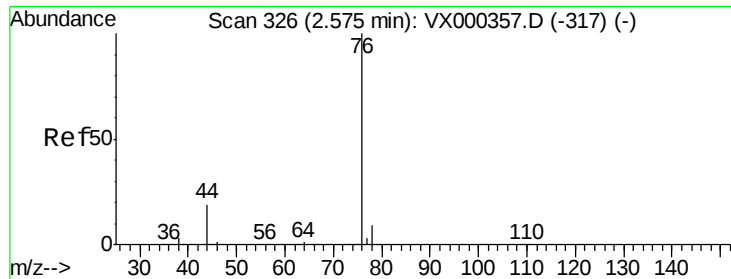
Tgt Ion: 43 Resp: 161033

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1

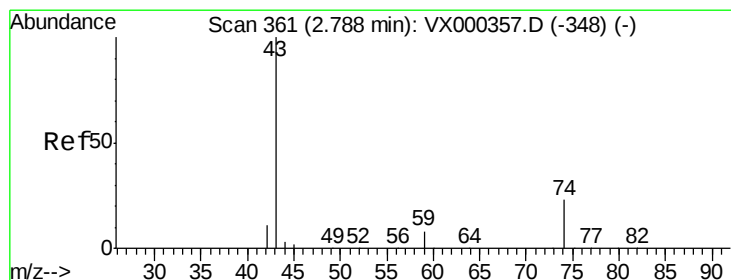
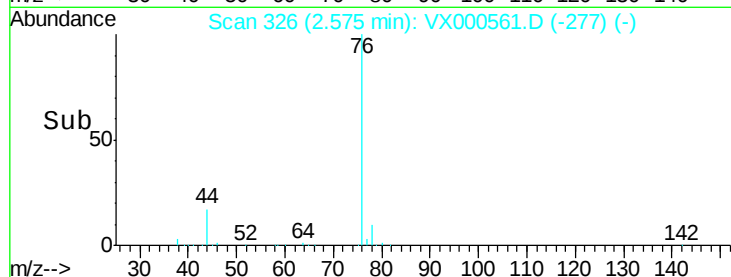
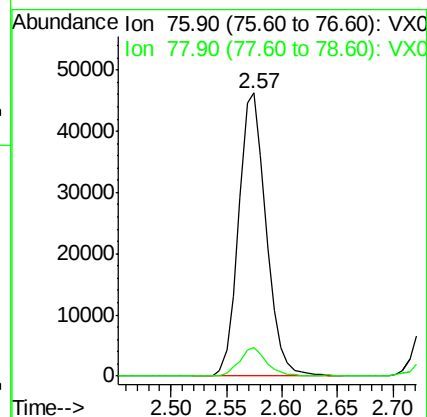
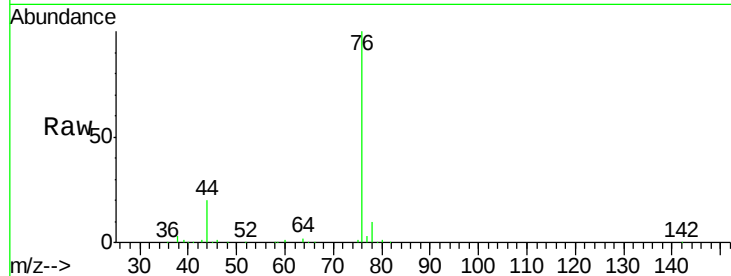




#17
Carbon Disulfide
Concen: 22.59 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

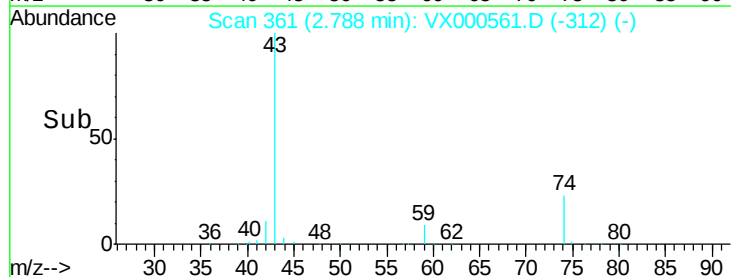
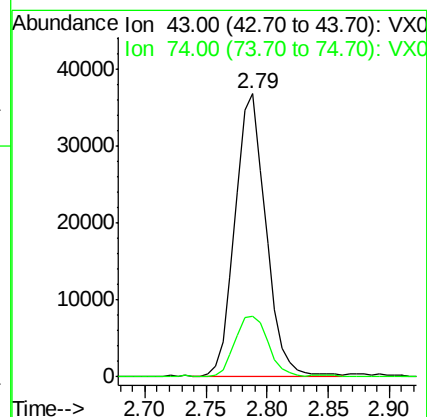
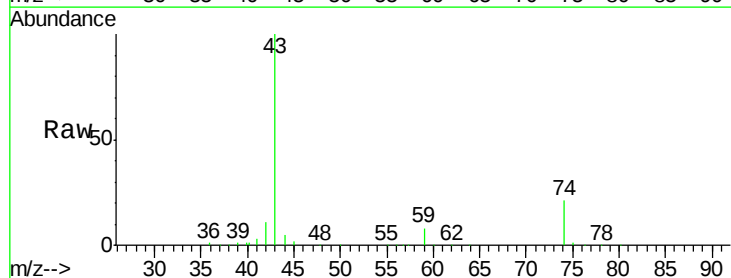
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

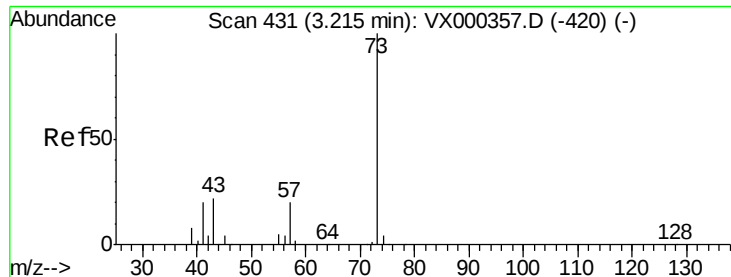
Tgt Ion: 76 Resp: 78987
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



#18
Methyl Acetate
Concen: 23.09 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 43 Resp: 63755
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

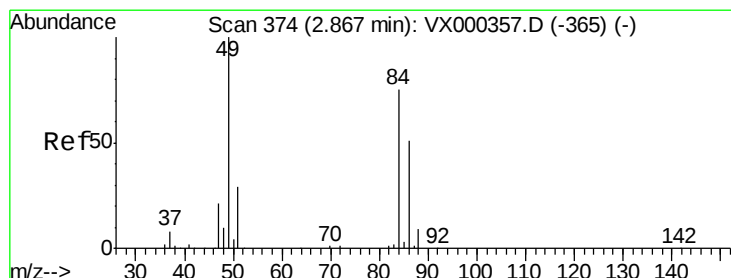
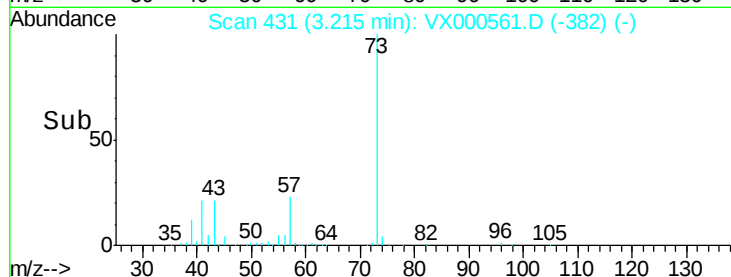
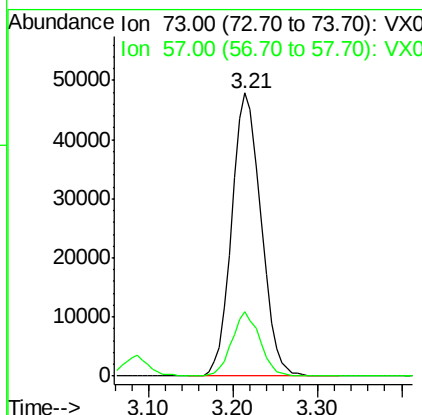
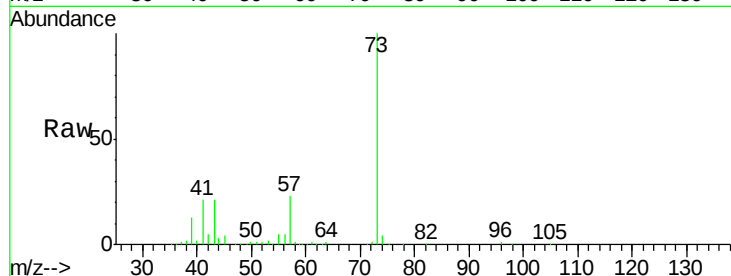




#19
Methyl tert-butyl Ether
Concen: 23.13 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

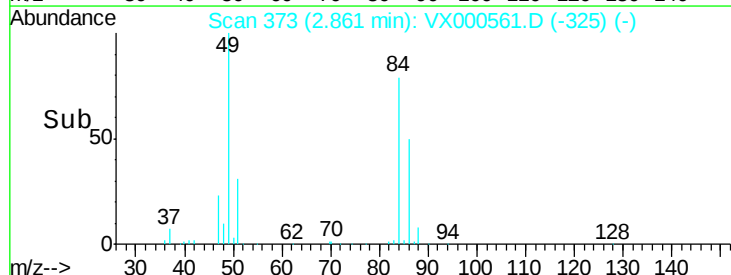
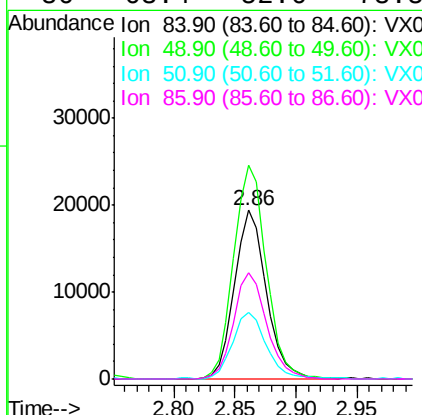
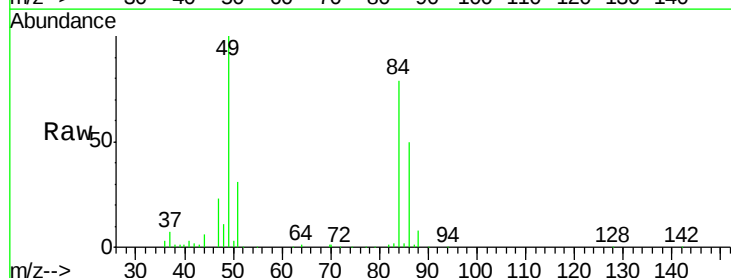
Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tgt Ion: 73 Resp: 112470
Ion Ratio Lower Upper
73 100
57 22.7 17.2 25.8



#20
Methylene Chloride
Concen: 23.15 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 84 Resp: 35221
Ion Ratio Lower Upper
84 100
49 126.8 100.6 151.0
51 38.9 31.6 47.4
86 63.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 22.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

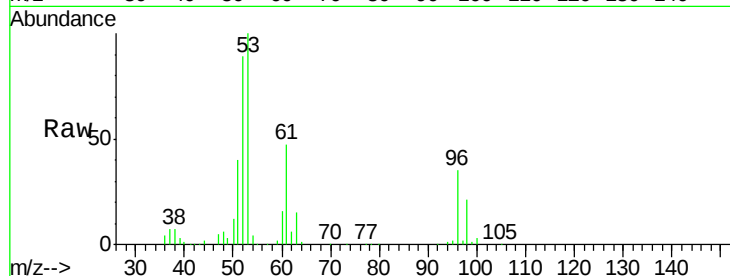
Tgt Ion: 96 Resp: 33125

Ion Ratio Lower Upper

96 100

61 135.2 104.0 156.0

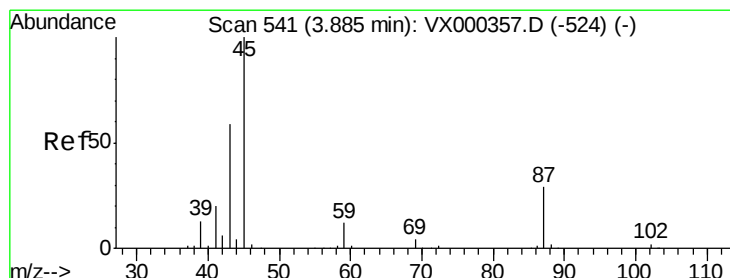
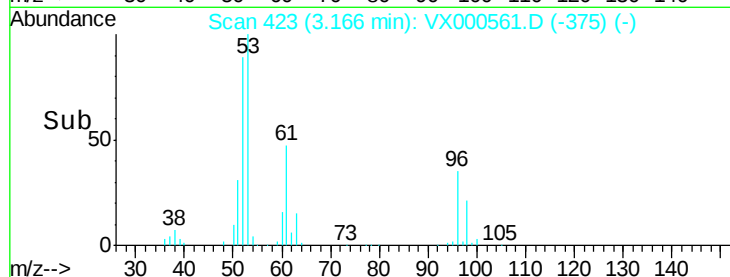
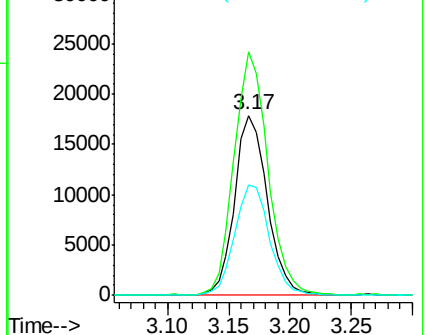
98 61.2 52.1 78.1



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: 16.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion: 45 Resp: 68241

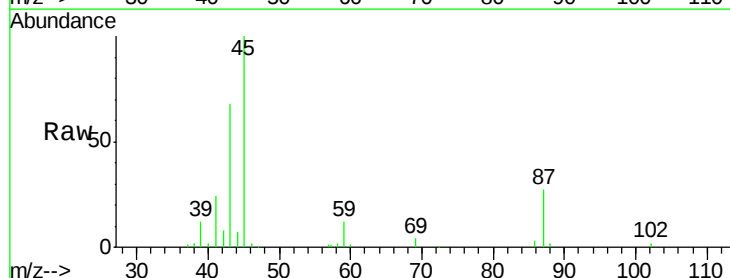
Ion Ratio Lower Upper

45 100

43 65.7 53.9 80.9

87 27.2 22.6 34.0

59 11.8 9.5 14.3

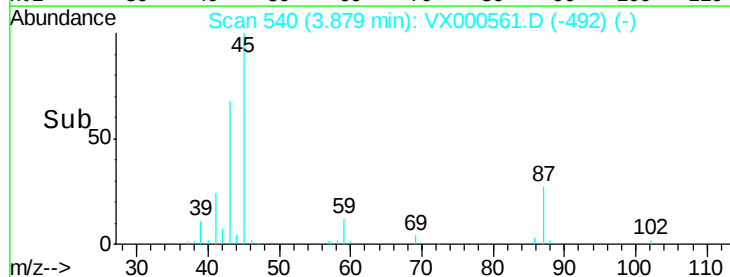
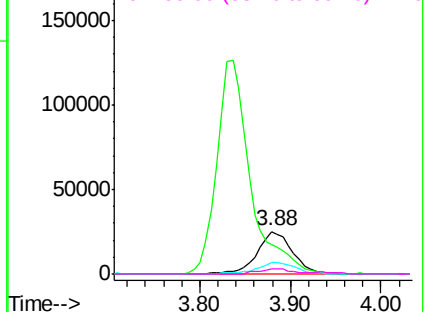


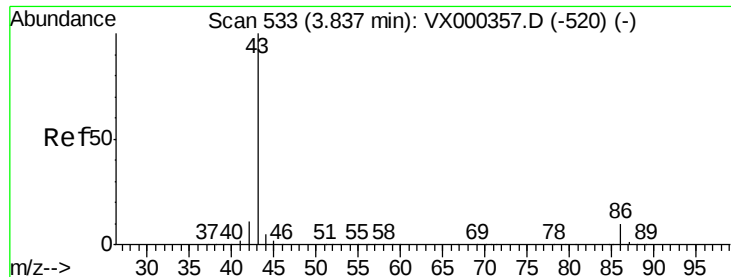
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 83.90 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

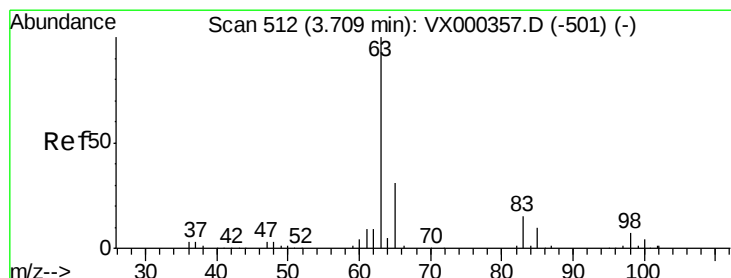
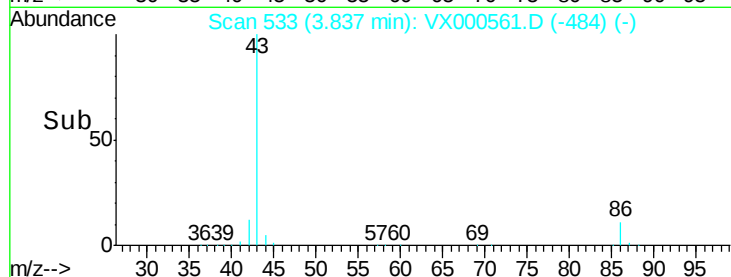
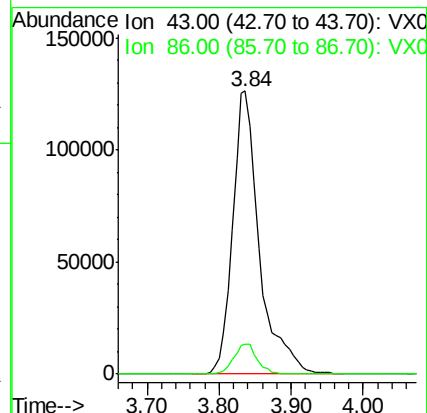
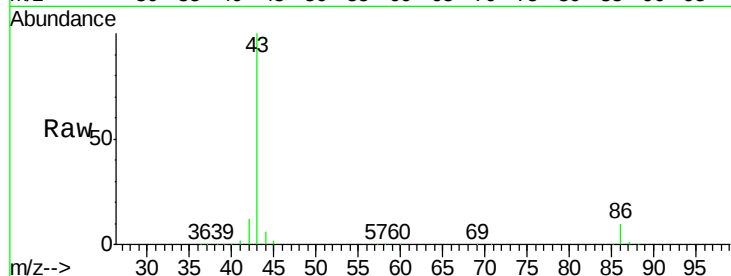
VX0330WBS01

Tgt Ion: 43 Resp: 326919

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8



#24

1,1-Dichloroethane

Concen: 20.18 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

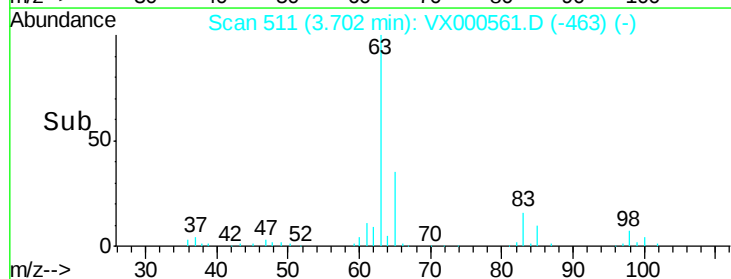
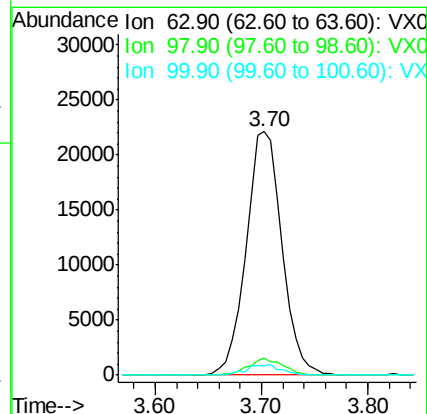
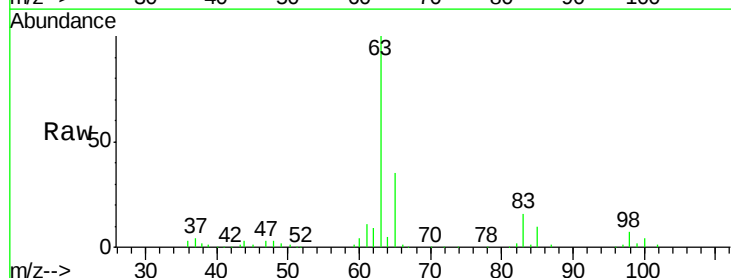
Tgt Ion: 63 Resp: 52141

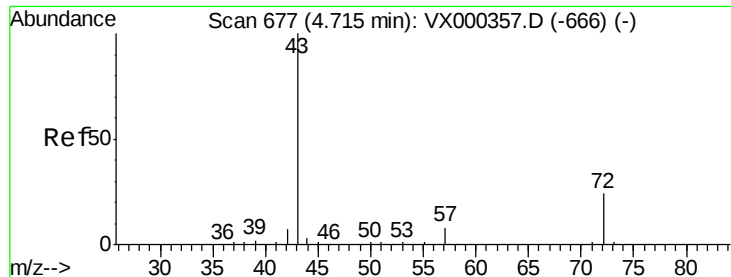
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 97.15 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

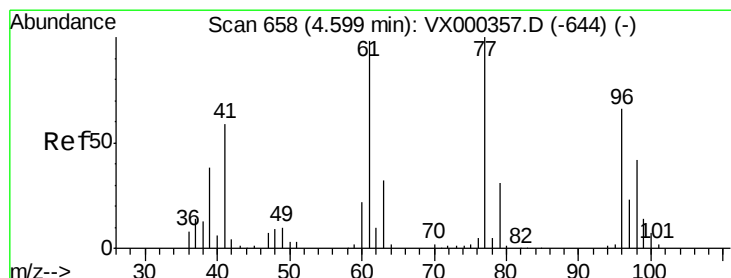
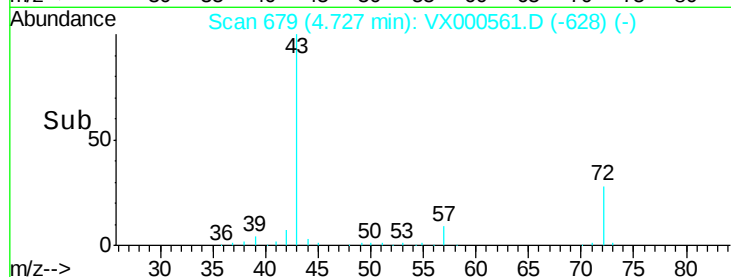
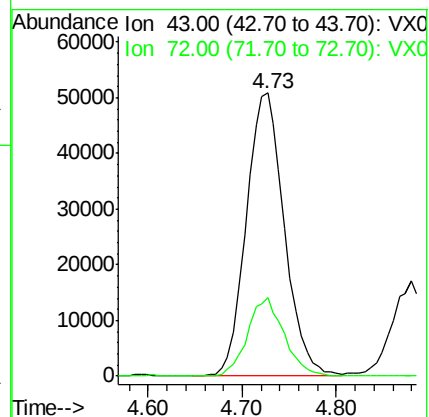
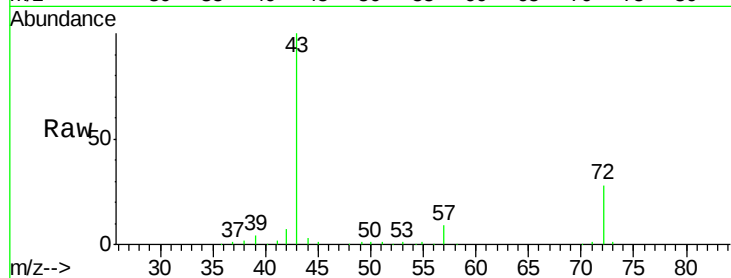
VX0330WBS01

Tgt Ion: 43 Resp: 143844

Ion Ratio Lower Upper

43 100

72 27.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.29 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000561.D

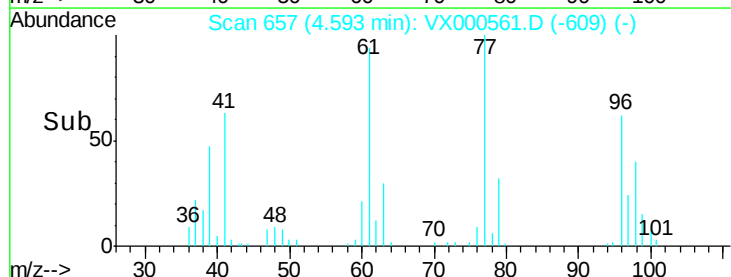
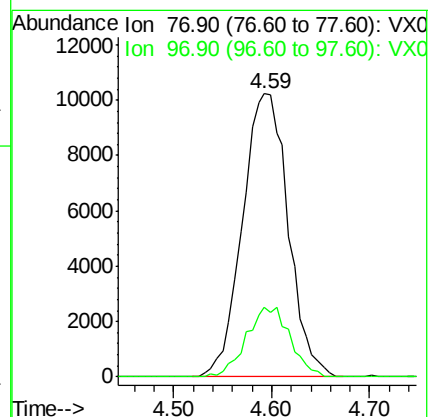
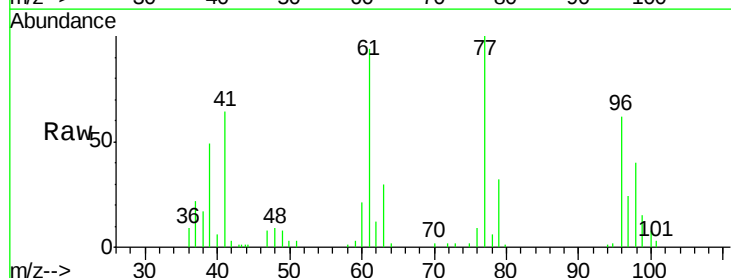
Acq: 30 Mar 2018 15:20

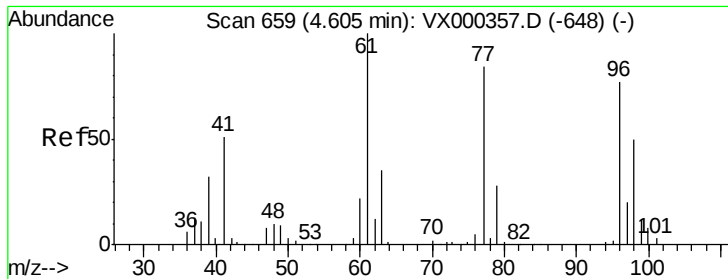
Tgt Ion: 77 Resp: 33126

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8



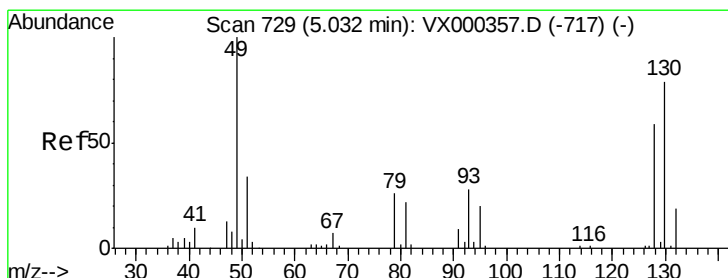
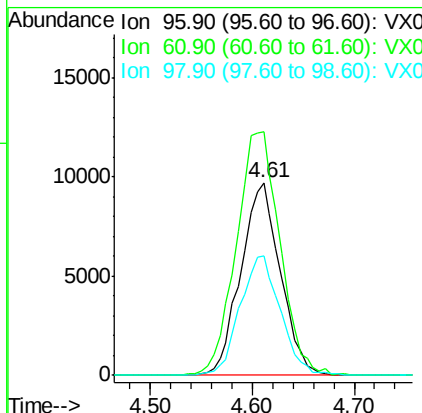
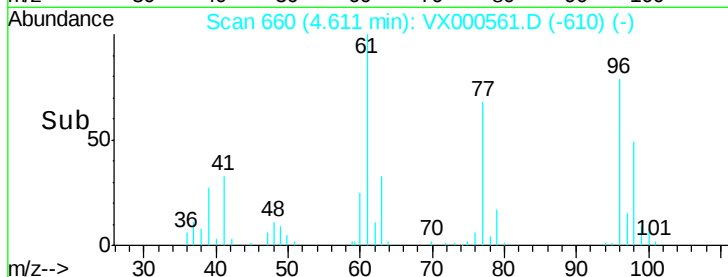
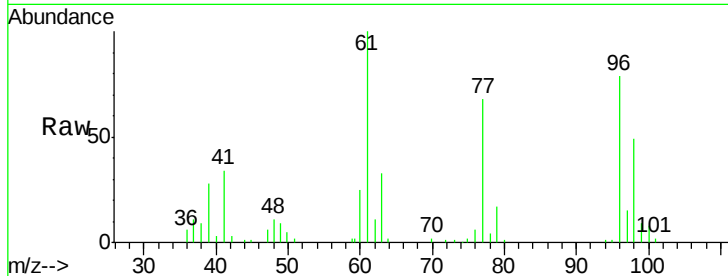


#27

cis-1,2-Dichloroethene
 Concen: 19.07 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

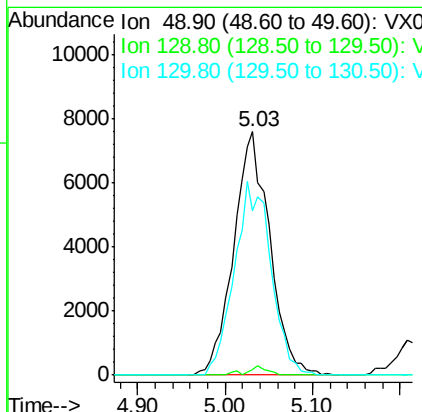
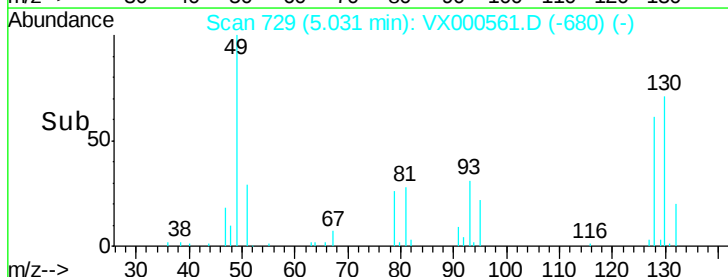
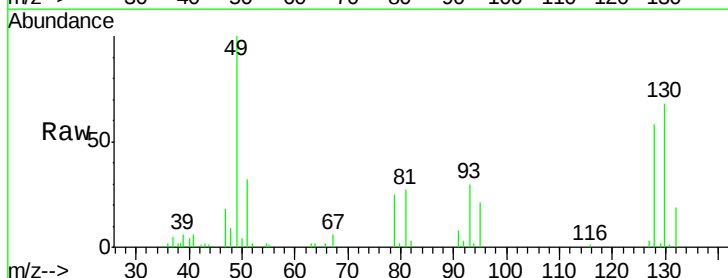
Tgt Ion: 96 Resp: 26141
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 291.6
 98 63.3 0.0 132.0



#28

Bromochloromethane
 Concen: 20.41 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 49 Resp: 21751
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.0
 130 80.0 64.0 96.0

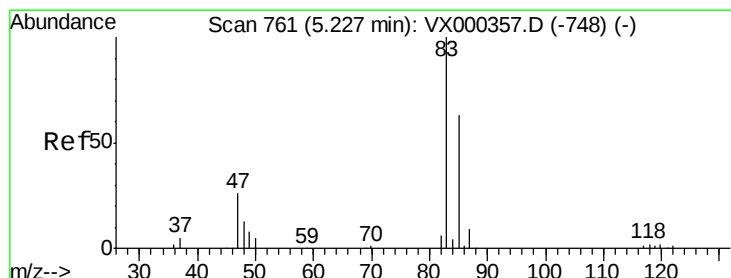
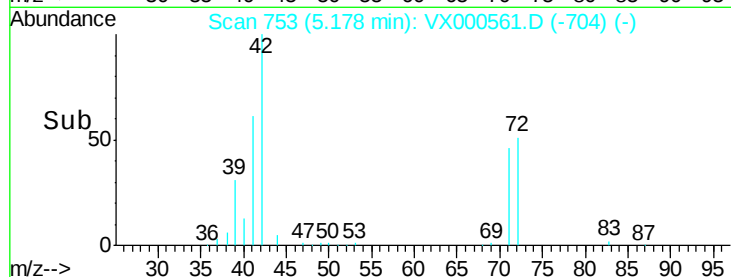
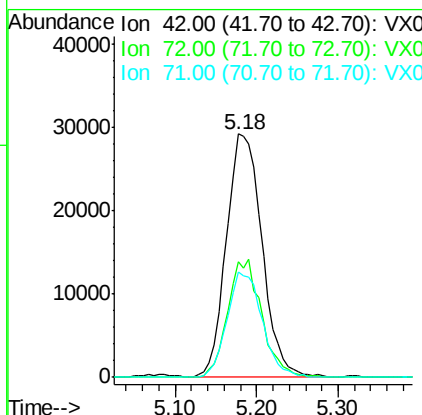
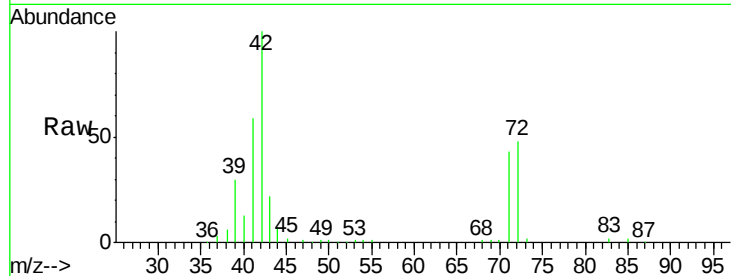




#29
Tetrahydrofuran
Concen: 96.70 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

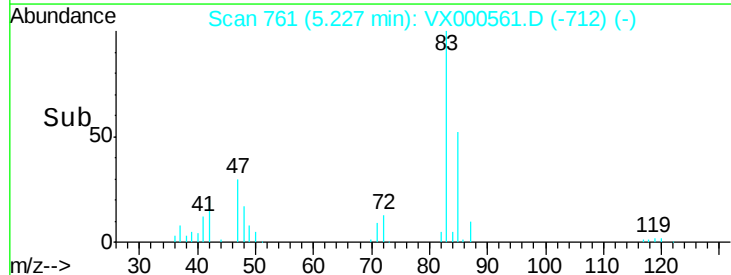
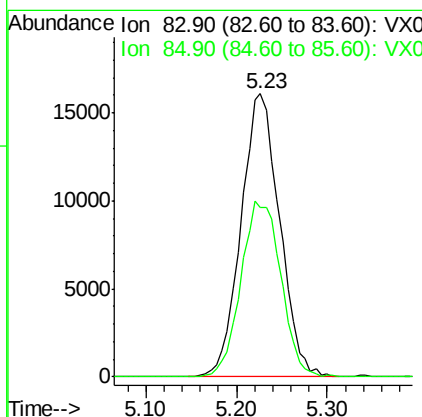
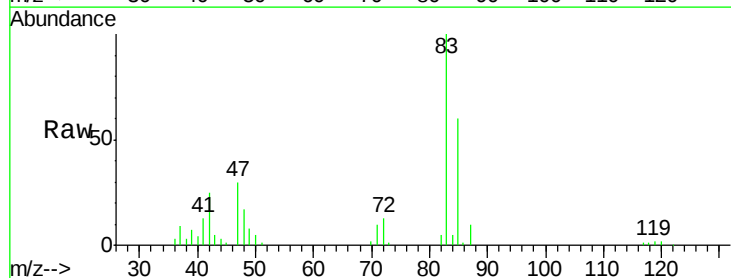
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

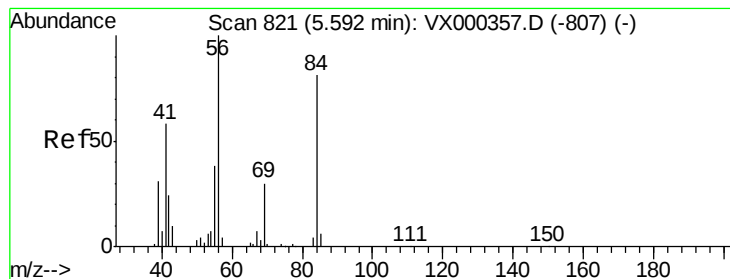
Tgt Ion: 42 Resp: 88095
Ion Ratio Lower Upper
42 100
72 46.0 37.9 56.9
71 42.7 34.4 51.6



#30
Chloroform
Concen: 19.55 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 83 Resp: 47355
Ion Ratio Lower Upper
83 100
85 59.7 53.3 79.9





#31

Cyclohexane

Concen: 18.33 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

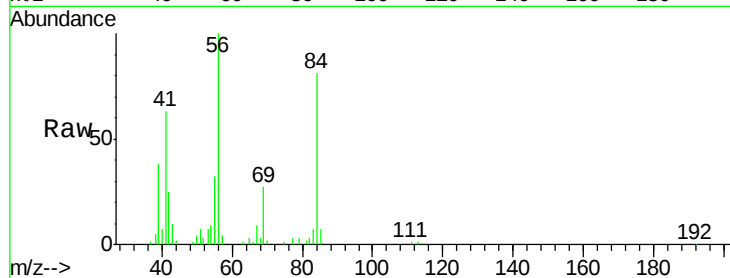
Tgt Ion: 56 Resp: 36624

Ion Ratio Lower Upper

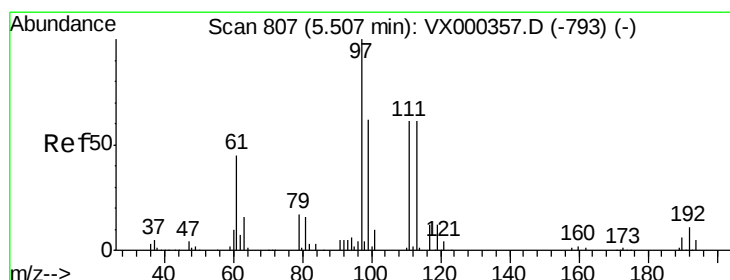
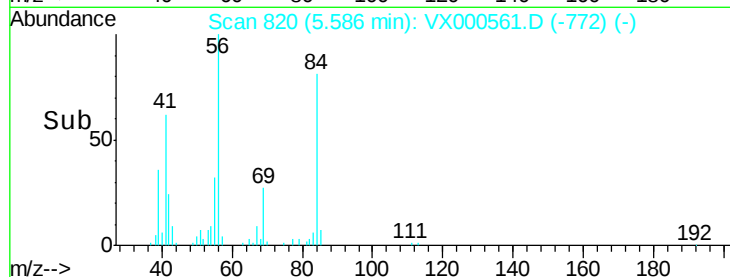
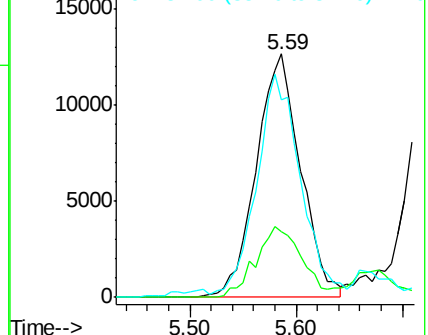
56 100

69 27.1 23.4 35.0

84 78.8 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.27 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

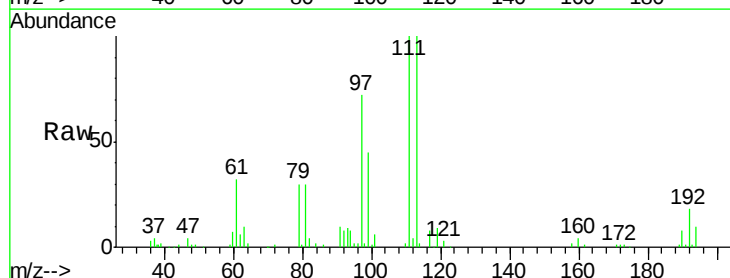
Tgt Ion: 97 Resp: 42101

Ion Ratio Lower Upper

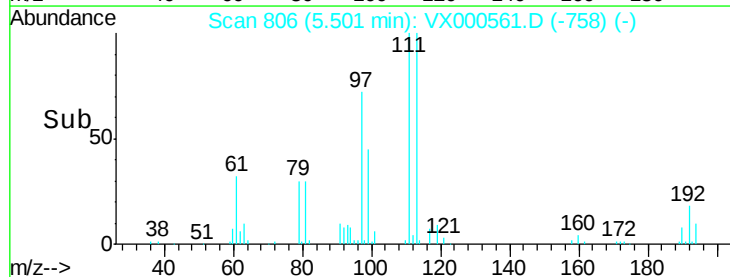
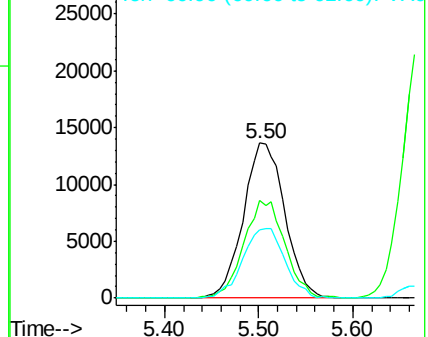
97 100

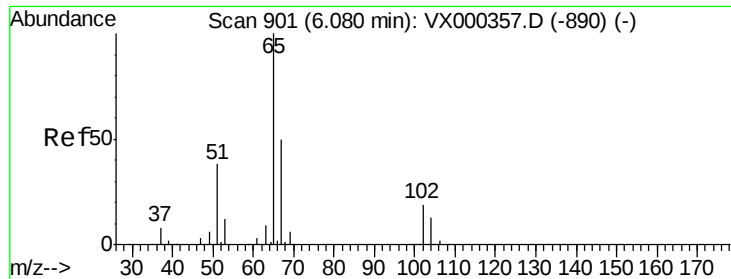
99 62.4 52.1 78.1

61 46.0 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.50 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

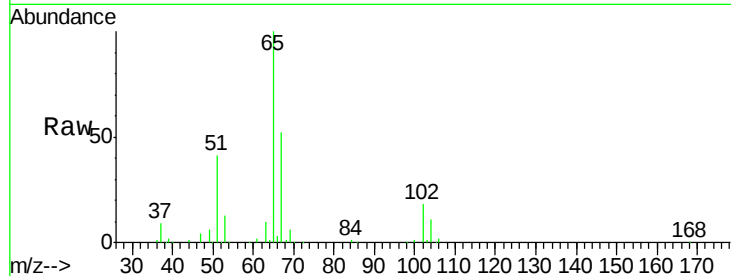
VX0330WBS01

Tgt Ion: 65 Resp: 86298

Ion Ratio Lower Upper

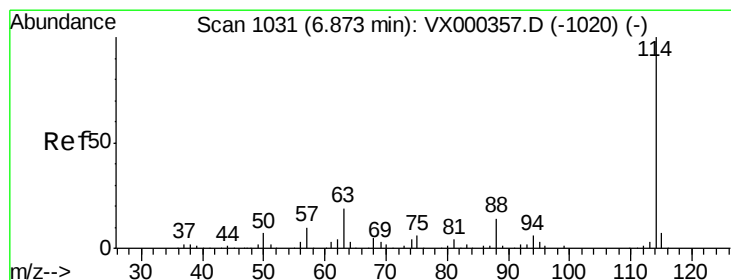
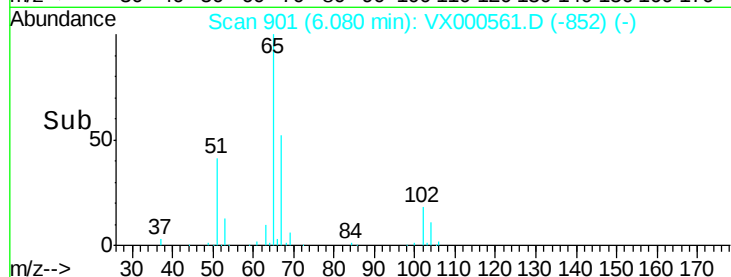
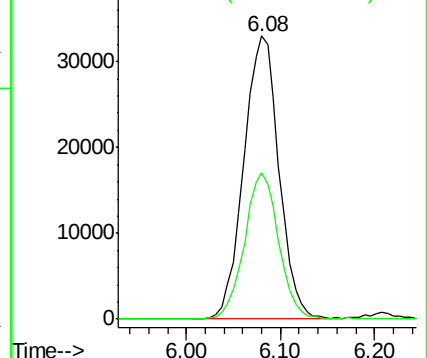
65 100

67 50.1 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# 1031

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

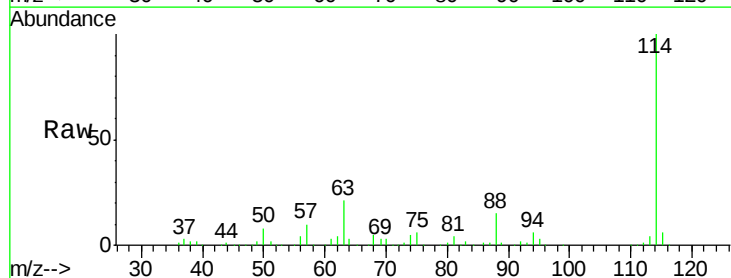
Tgt Ion: 114 Resp: 200045

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

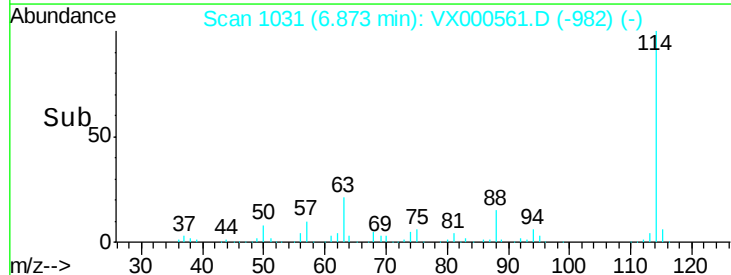
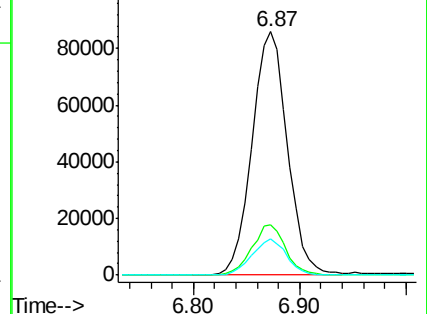
88 15.0 0.0 27.0

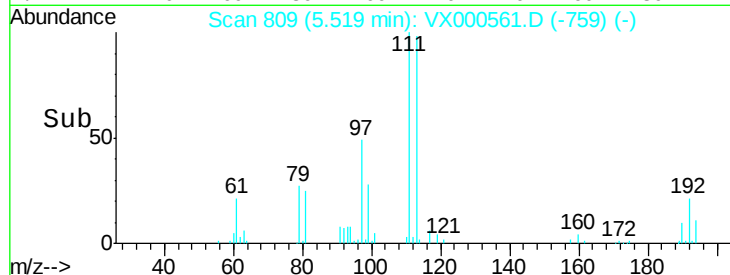
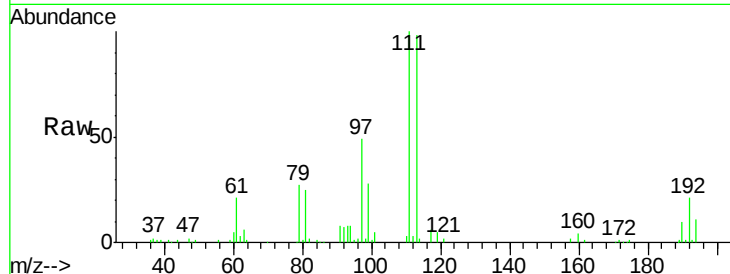


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

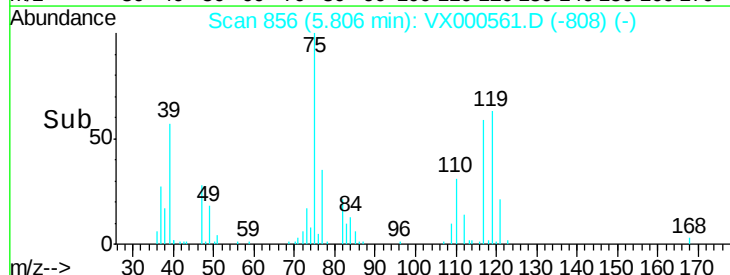
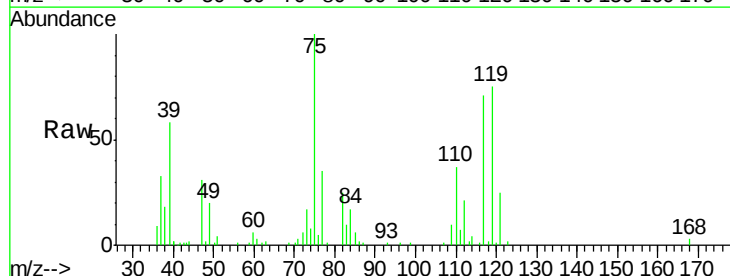
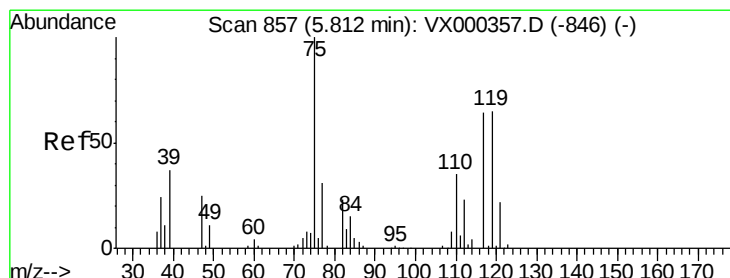
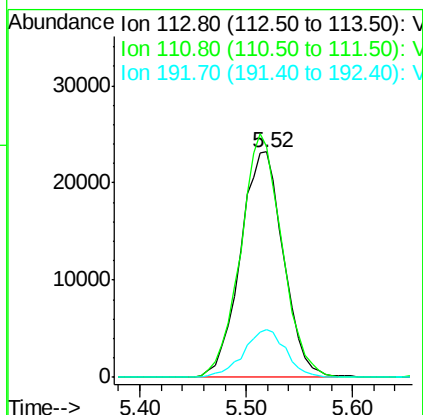




#35
Dibromofluoromethane
Concen: 52.17 ug/l
RT: 5.52 min Scan# 809
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

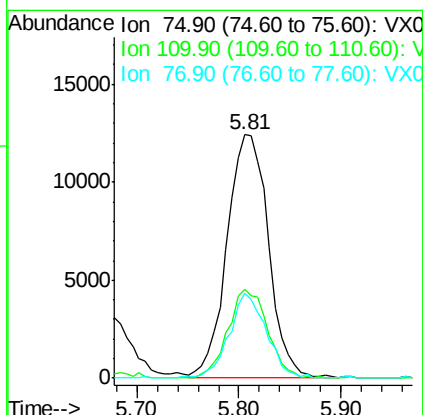
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

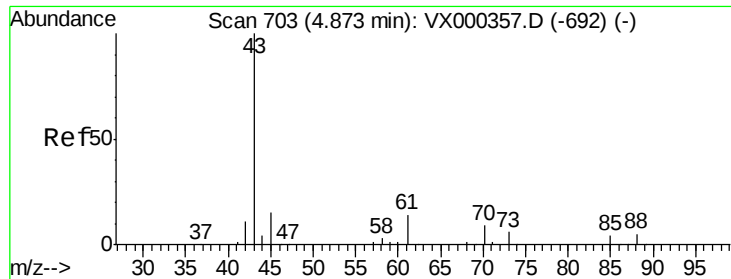
Tgt Ion:113 Resp: 65752
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 21.0 15.8 23.6



#36
1,1-Dichloropropene
Concen: 18.72 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 75 Resp: 35083
Ion Ratio Lower Upper
75 100
110 34.9 17.9 53.7
77 31.4 24.0 36.0

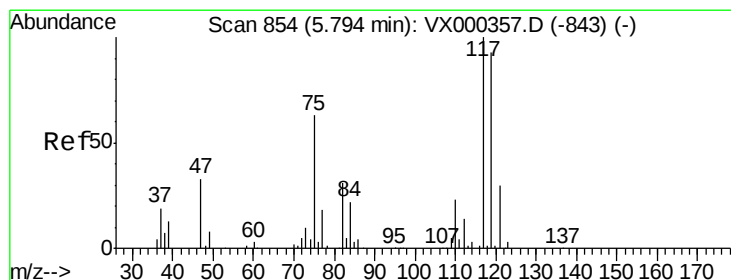
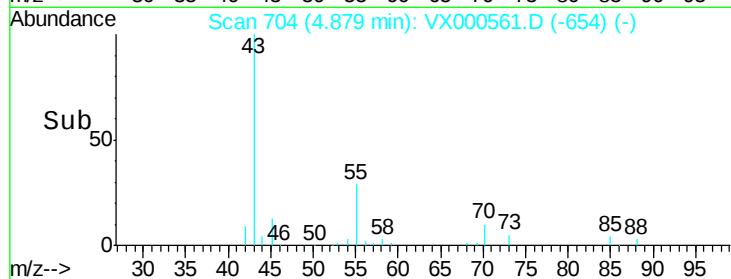
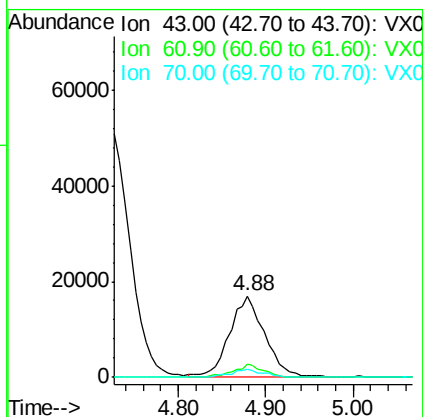
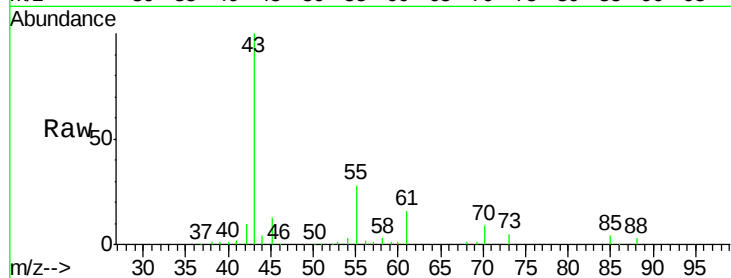




#37
Ethyl Acetate
Concen: 18.28 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

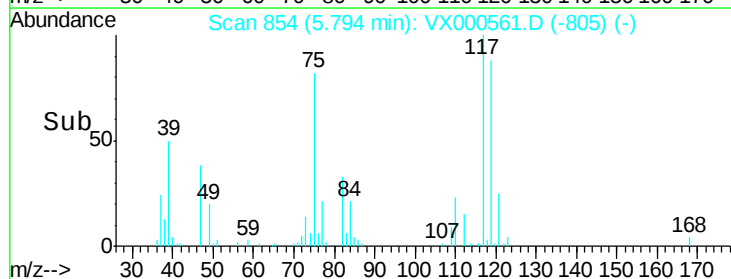
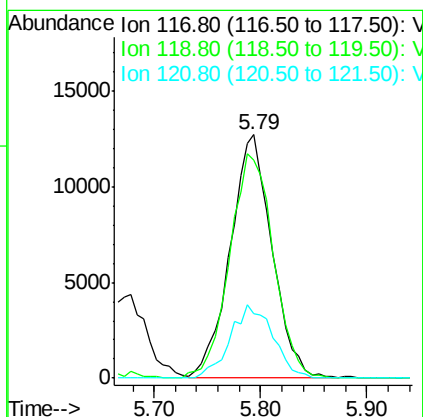
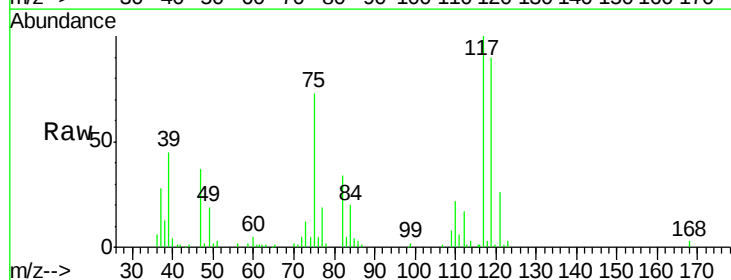
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

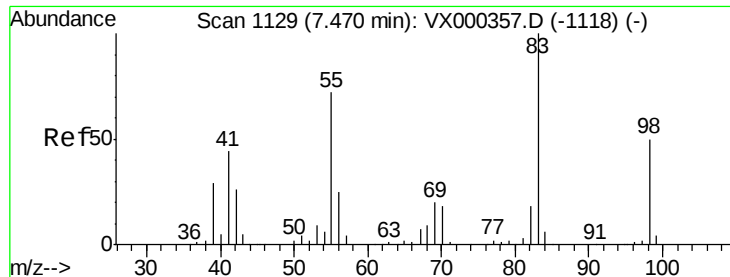
Tgt Ion: 43 Resp: 46795
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 17.81 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 117 Resp: 35020
Ion Ratio Lower Upper
117 100
119 89.5 77.4 116.2
121 26.3 24.8 37.2





#39

Methylcyclohexane

Concen: 18.18 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

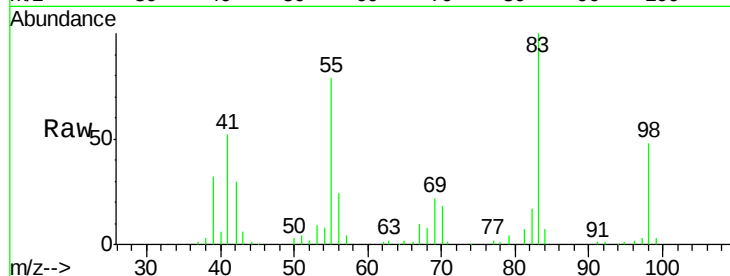
Tgt Ion: 83 Resp: 41432

Ion Ratio Lower Upper

83 100

55 78.8 55.5 83.3

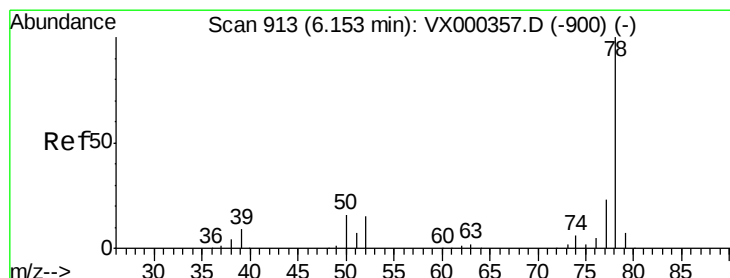
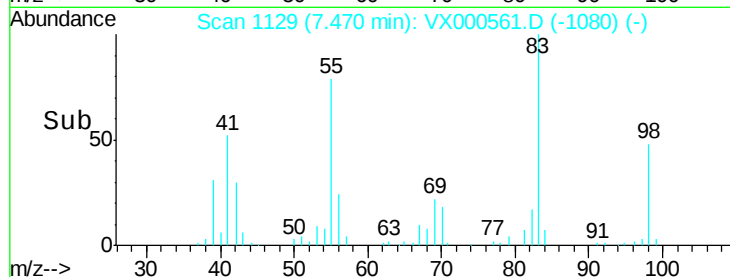
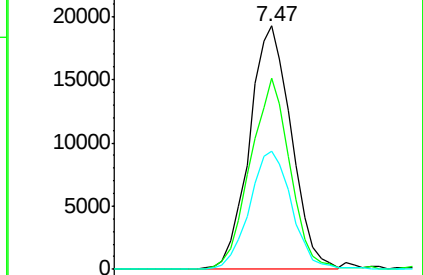
98 48.5 38.2 57.4



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: 19.17 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000561.D

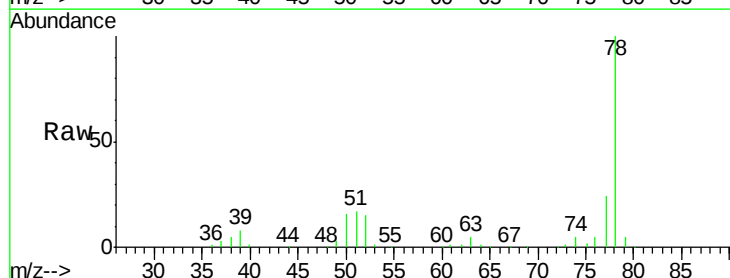
Acq: 30 Mar 2018 15:20

Tgt Ion: 78 Resp: 104330

Ion Ratio Lower Upper

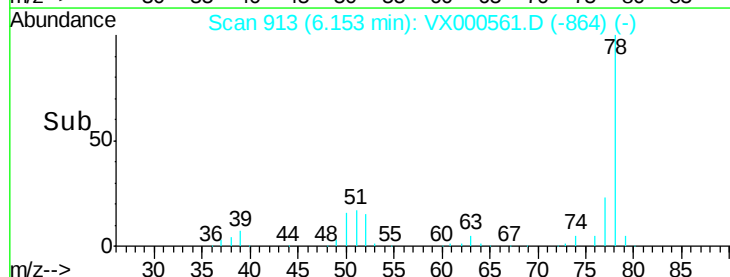
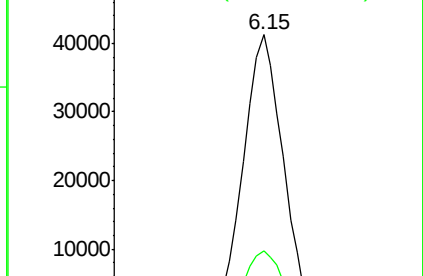
78 100

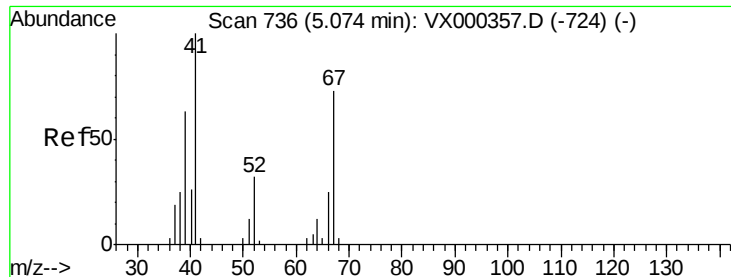
77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 17.99 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

Tgt Ion: 41 Resp: 24282

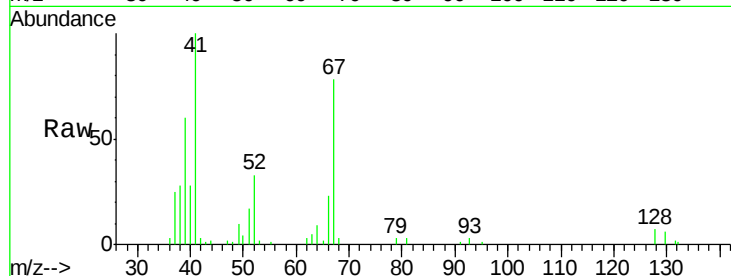
Ion Ratio Lower Upper

41 100

39 58.2 45.7 68.5

67 73.6 57.8 86.8

52 33.4 26.7 40.1

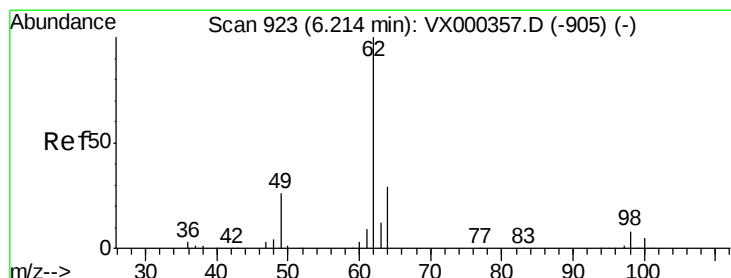
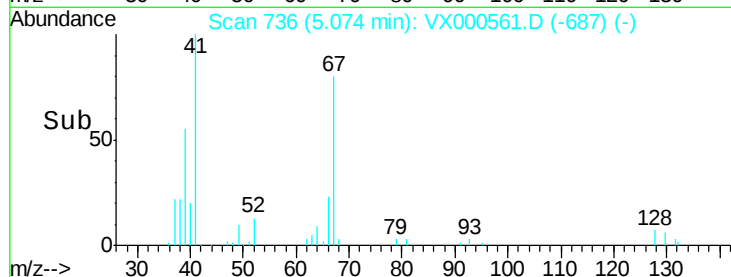
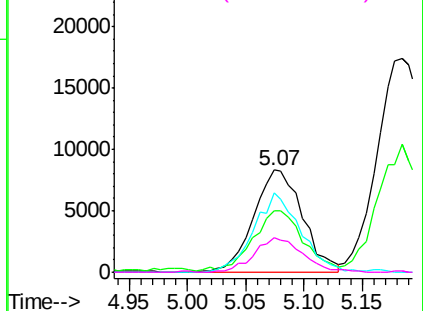


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.78 ug/l

RT: 6.21 min Scan# 923

Delta R.T. -0.00 min

Lab File: VX000561.D

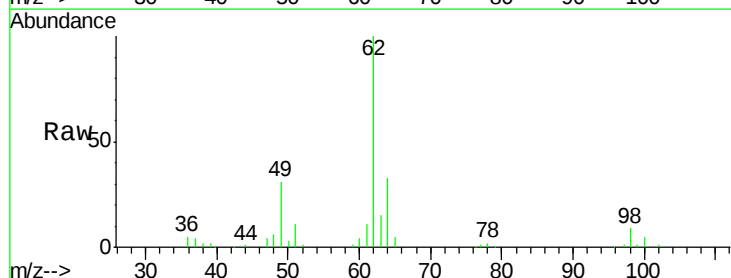
Acq: 30 Mar 2018 15:20

Tgt Ion: 62 Resp: 40094

Ion Ratio Lower Upper

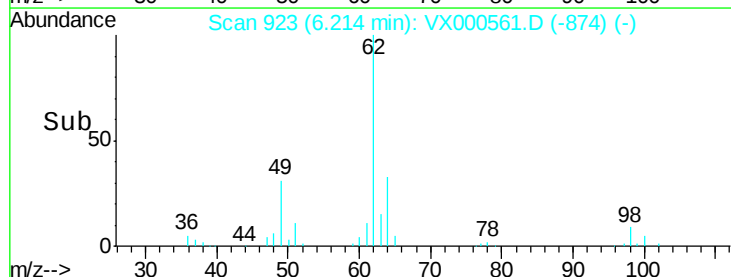
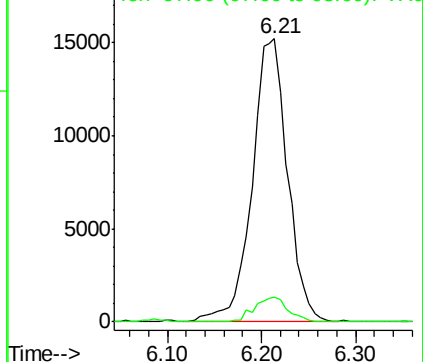
62 100

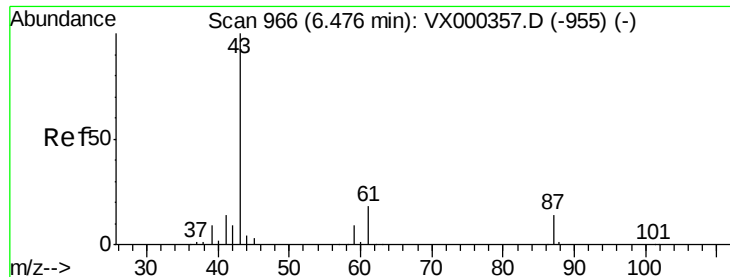
98 8.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.45 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

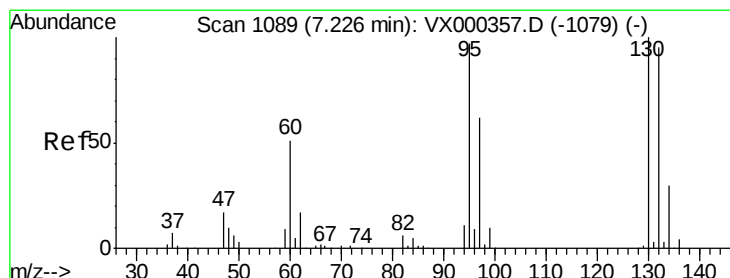
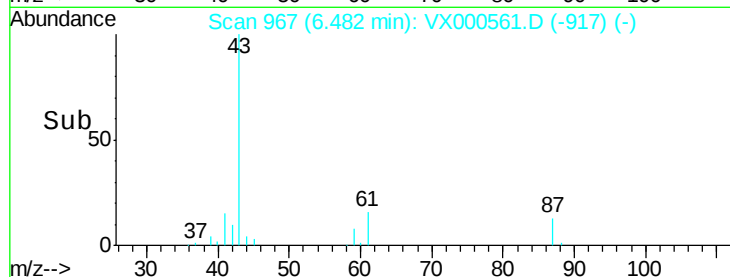
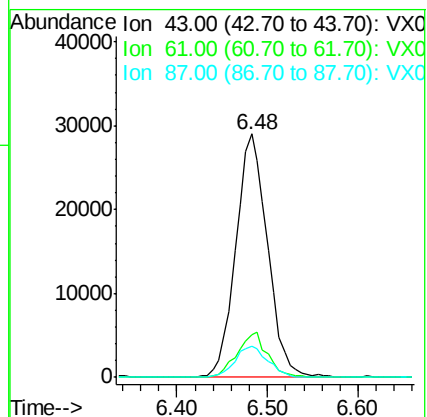
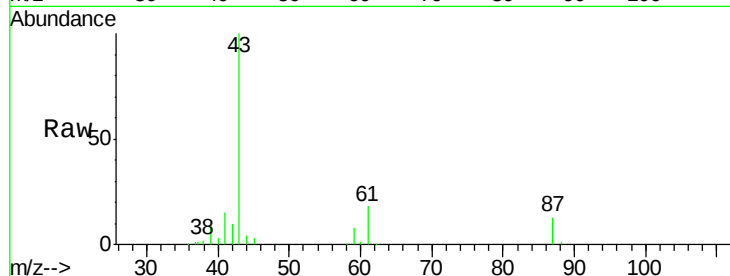
Tgt Ion: 43 Resp: 70293

Ion Ratio Lower Upper

43 100

61 17.6 14.4 21.6

87 13.3 11.0 16.4



#44

Trichloroethene

Concen: 18.98 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000561.D

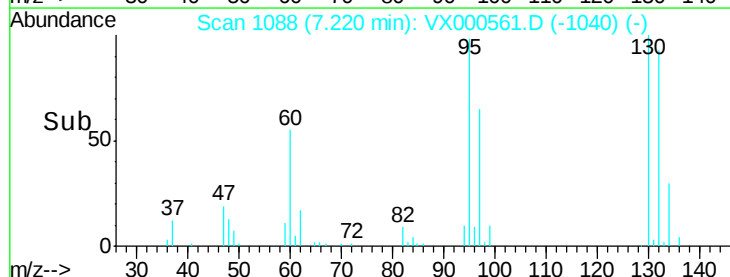
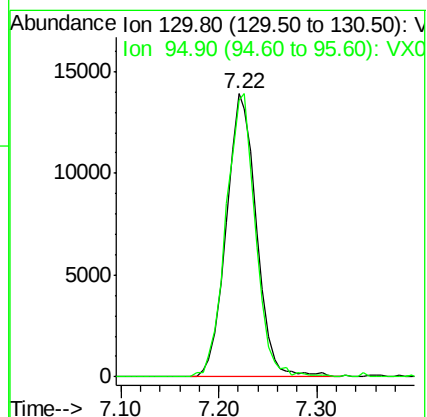
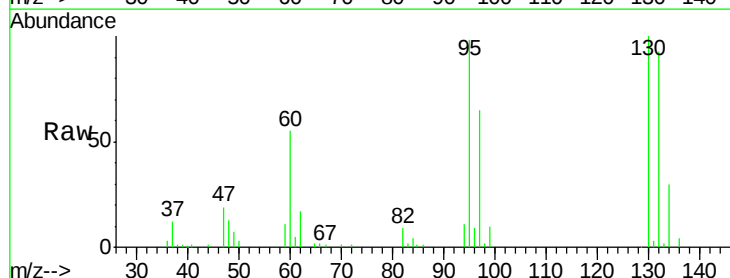
Acq: 30 Mar 2018 15:20

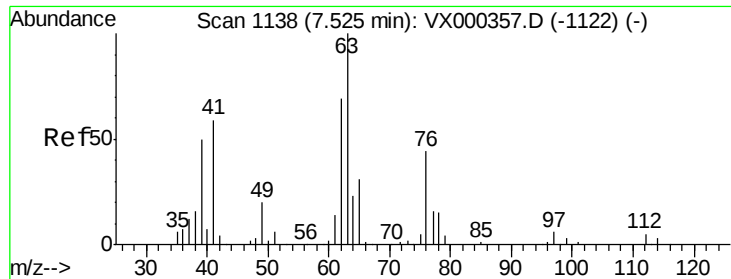
Tgt Ion: 130 Resp: 29589

Ion Ratio Lower Upper

130 100

95 97.7 0.0 186.0

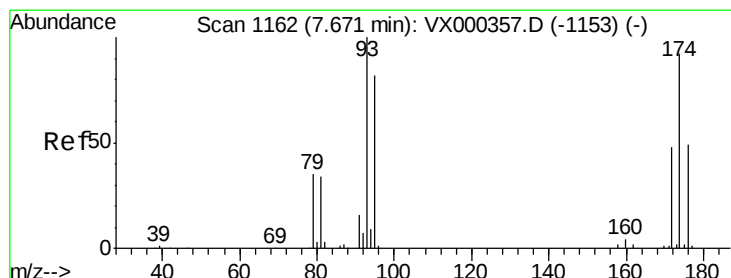
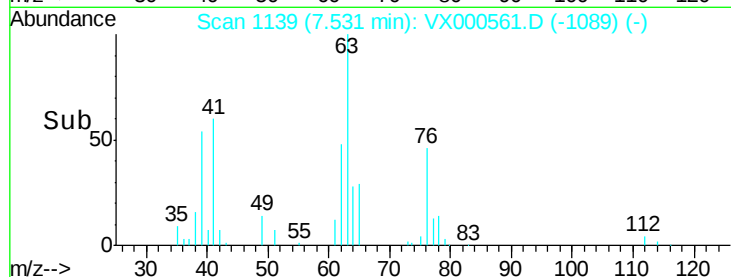
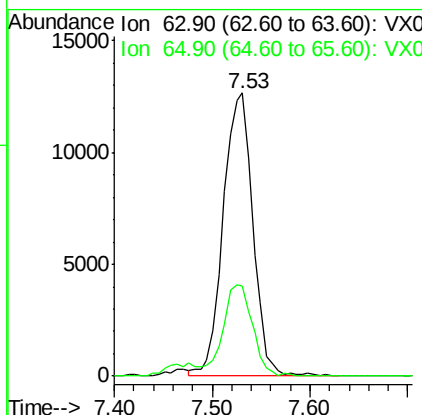
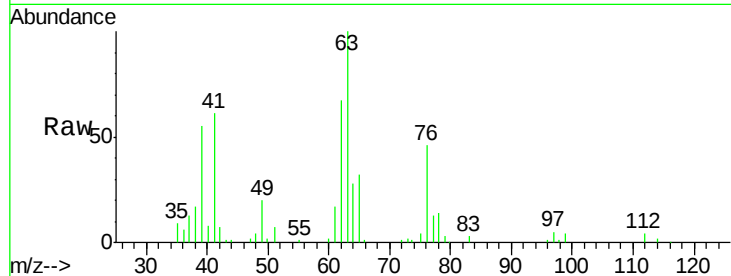




#45
 1,2-Dichloropropane
 Concen: 19.11 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

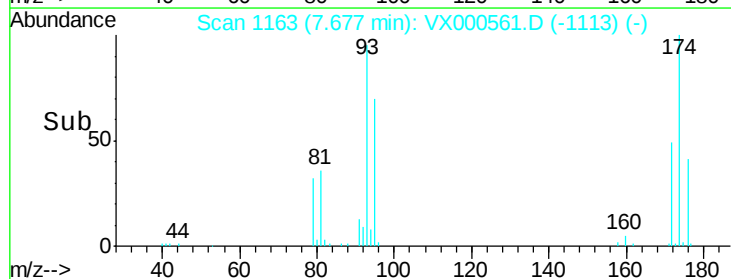
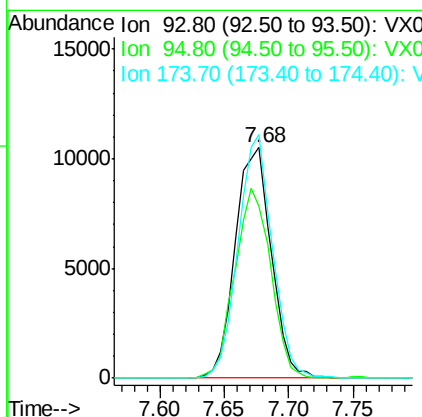
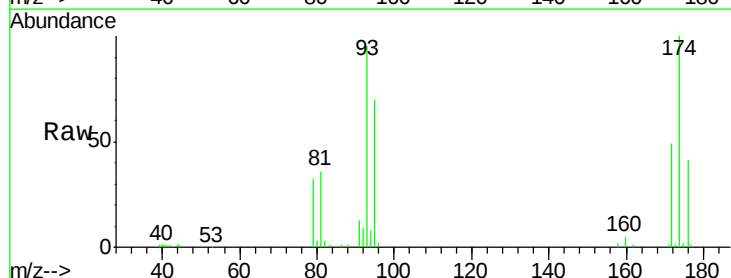
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

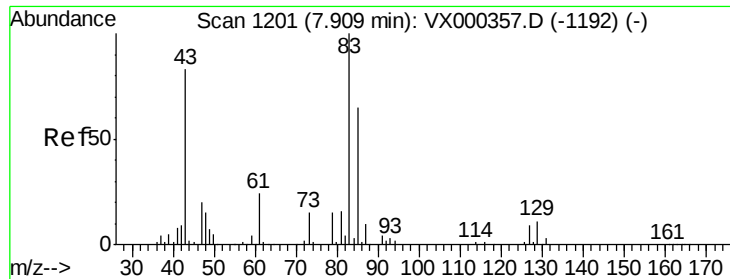
Tgt Ion: 63 Resp: 26620
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 36.8



#46
 Dibromomethane
 Concen: 18.73 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 93 Resp: 20476
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.5 99.7
 174 100.0 76.0 114.0





#47

Bromodichloromethane

Concen: 19.00 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

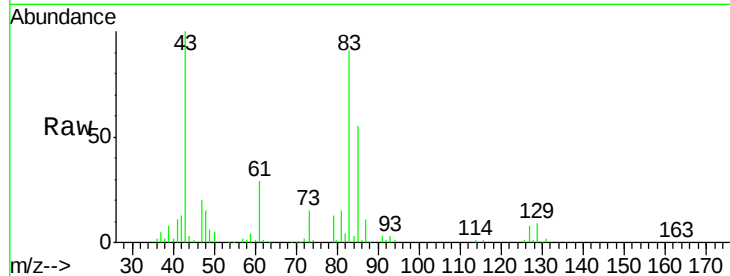
Tgt Ion: 83 Resp: 36544

Ion Ratio Lower Upper

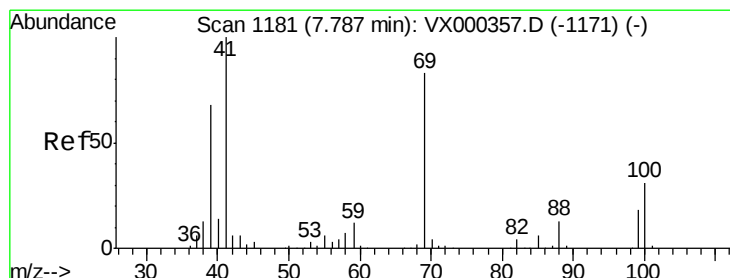
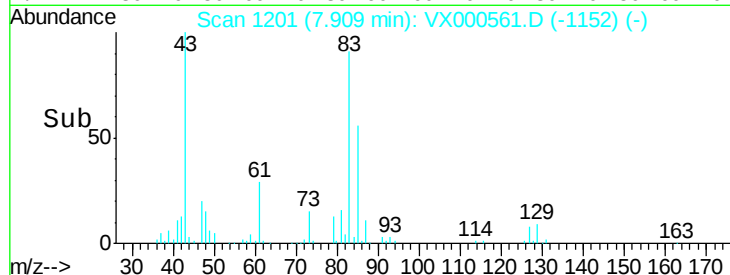
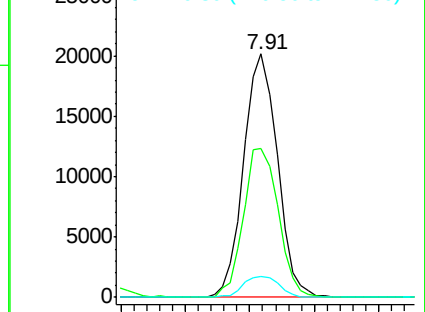
83 100

85 61.0 51.4 77.0

127 8.7 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: 18.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

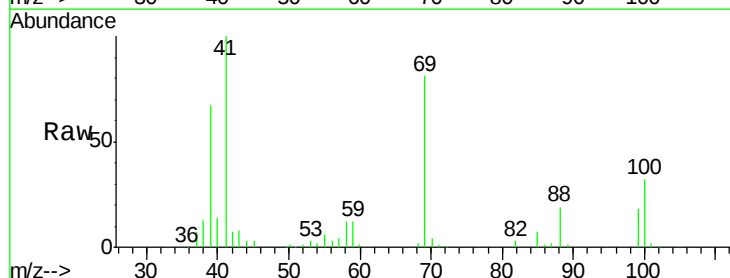
Tgt Ion: 41 Resp: 33996

Ion Ratio Lower Upper

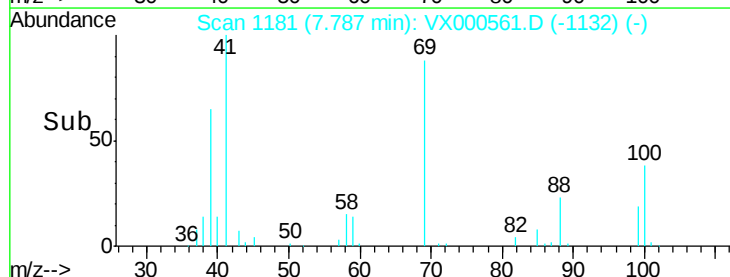
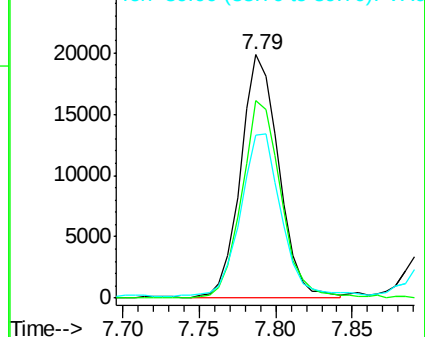
41 100

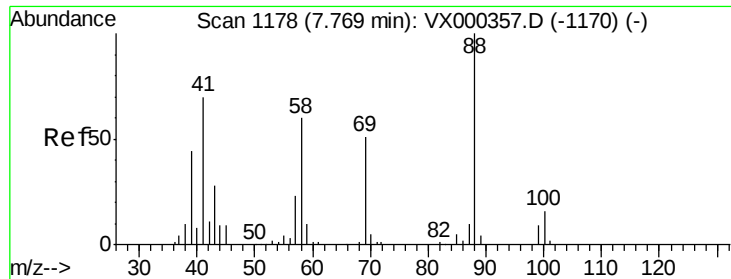
69 85.2 68.2 102.4

39 72.9 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

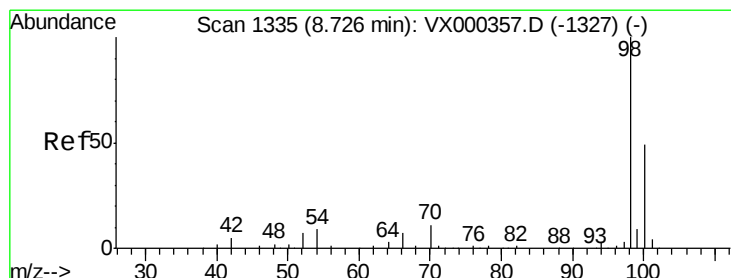
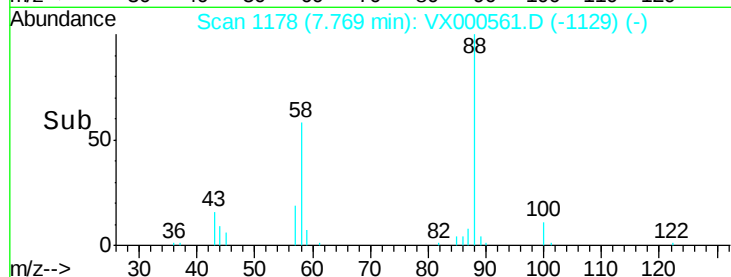
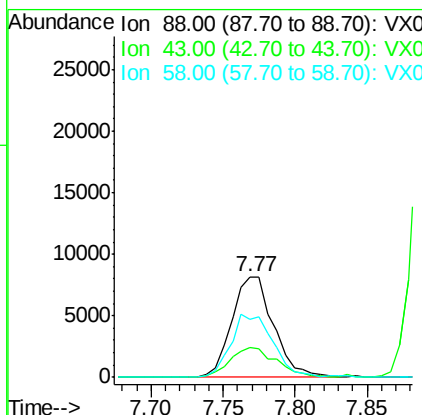
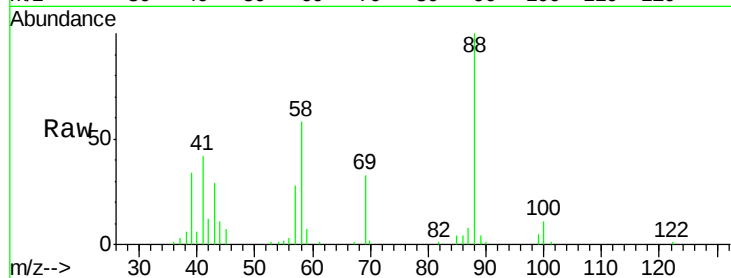




#49
 1,4-Dioxane
 Concen: 422.64 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

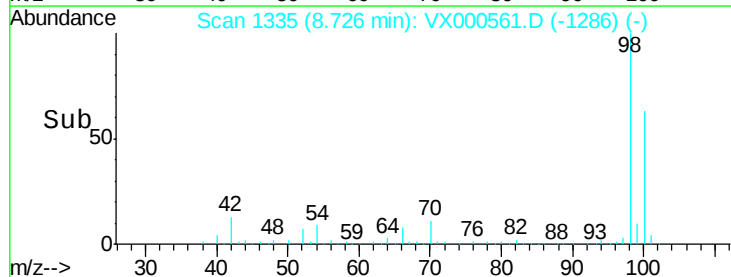
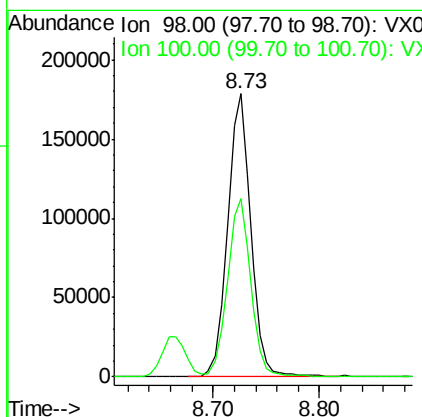
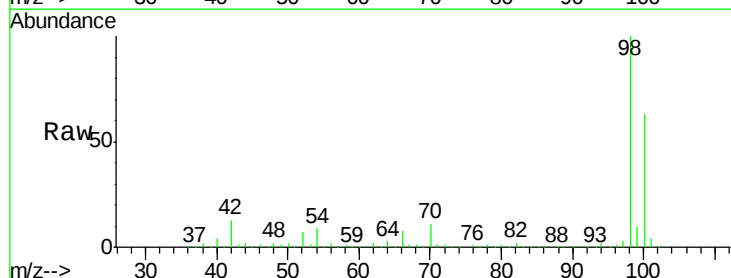
Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tgt Ion: 88 Resp: 16433
 Ion Ratio Lower Upper
 88 100
 43 32.8 26.8 40.2
 58 64.0 52.2 78.2



#50
 Toluene-d8
 Concen: 52.24 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 98 Resp: 272686
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8

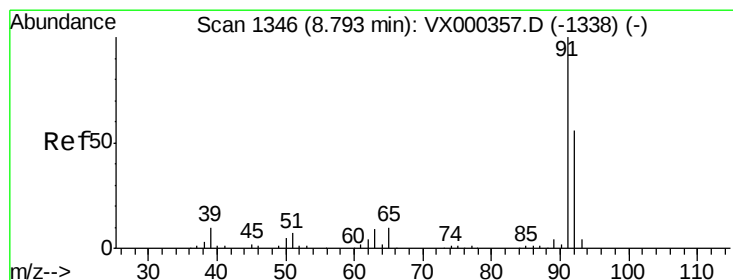
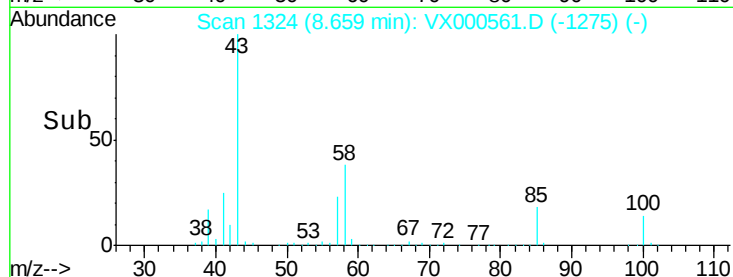
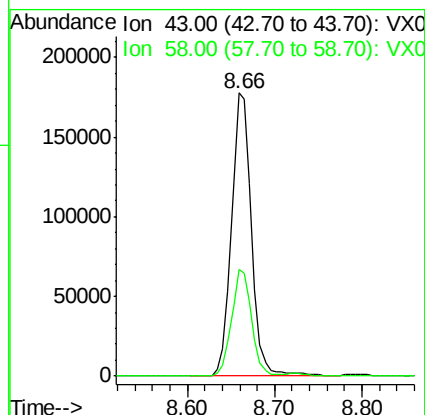
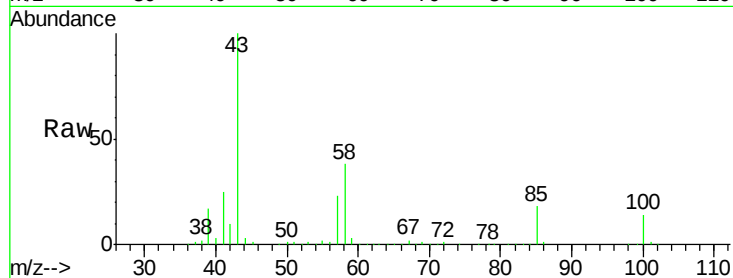




#51
 4-Methyl-2-Pentanone
 Concen: 96.08 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

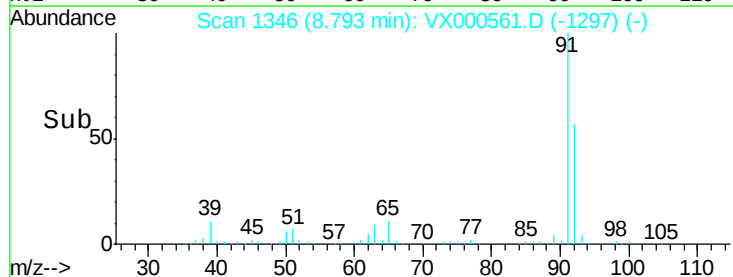
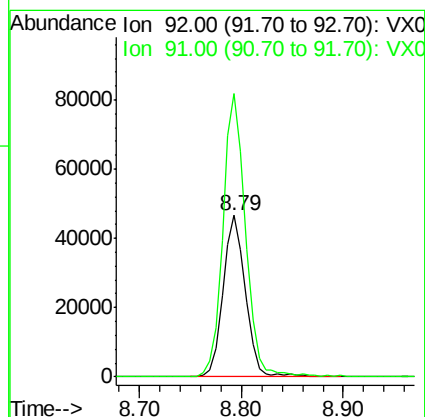
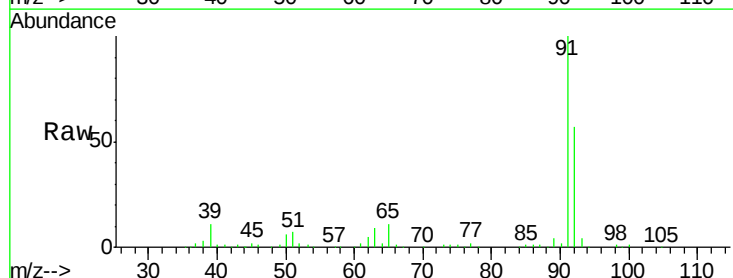
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tgt Ion: 43 Resp: 283361
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.3 45.5



#52
 Toluene
 Concen: 18.75 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 92 Resp: 71313
 Ion Ratio Lower Upper
 92 100
 91 177.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.36 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

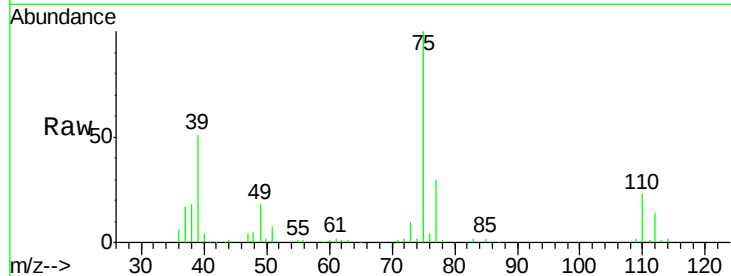
VX0330WBS01

Tgt Ion: 75 Resp: 40932

Ion Ratio Lower Upper

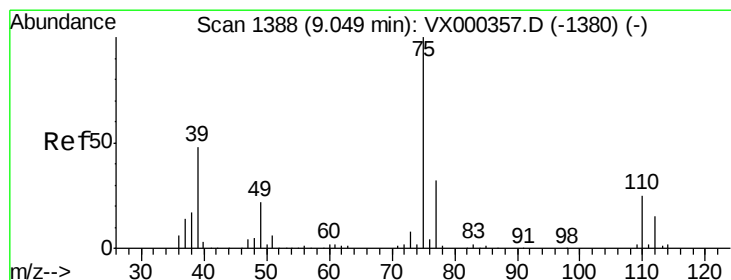
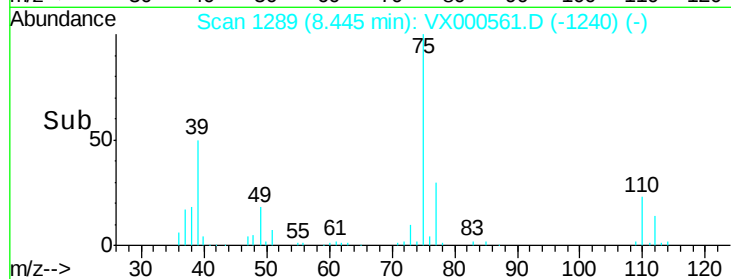
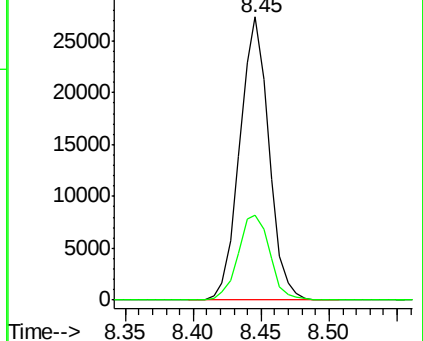
75 100

77 30.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.05 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

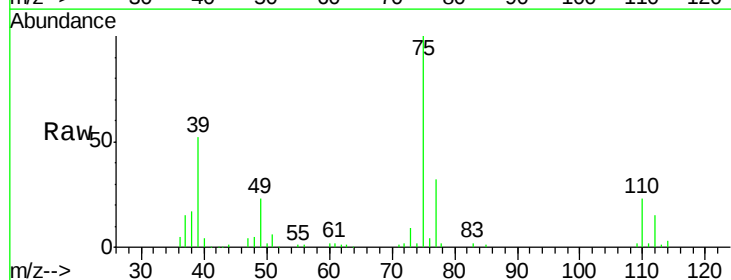
Tgt Ion: 75 Resp: 39030

Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1

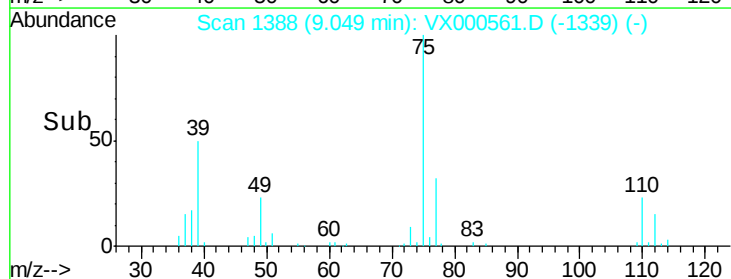
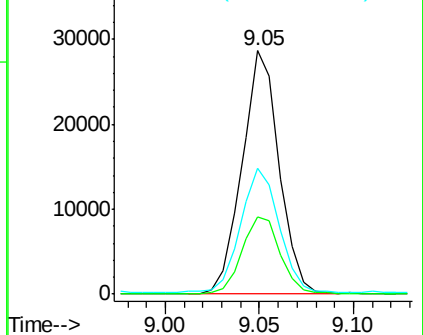
39 50.8 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

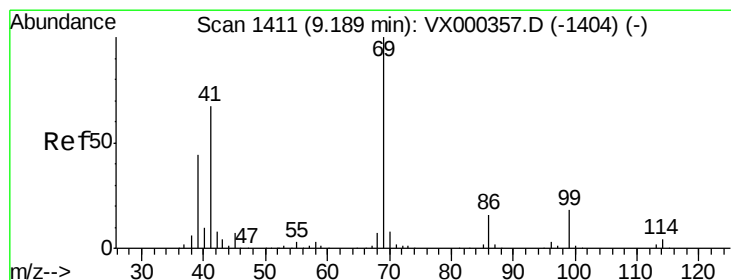
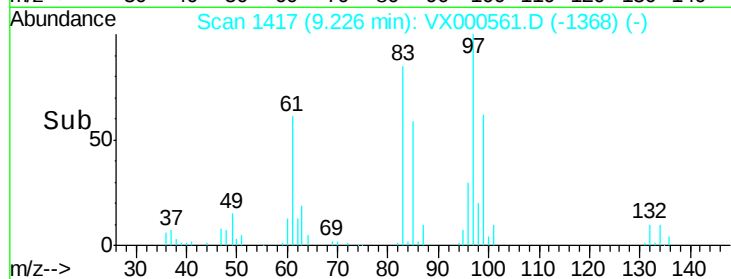
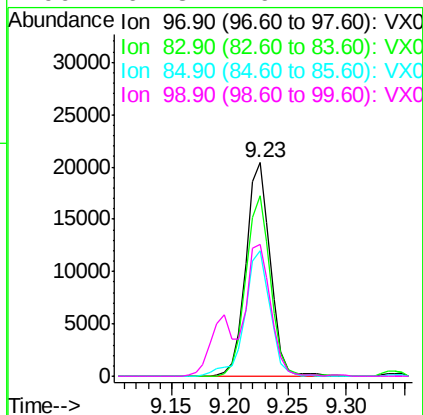
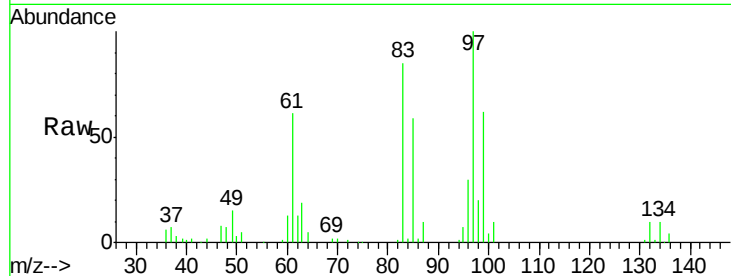




#55
 1,1,2-Trichloroethane
 Concen: 19.14 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

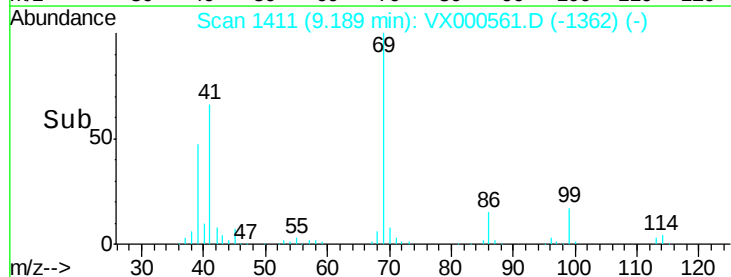
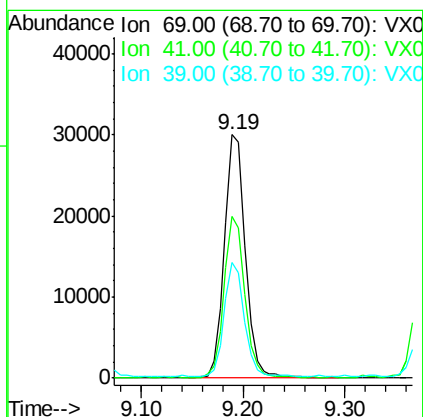
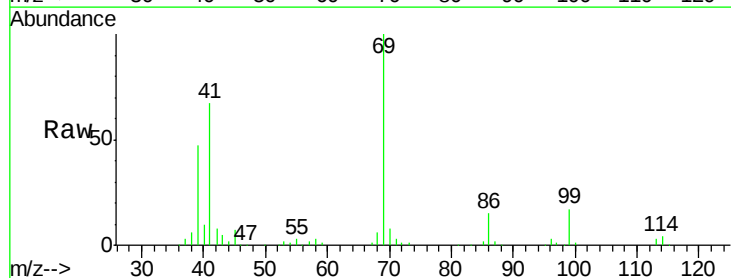
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

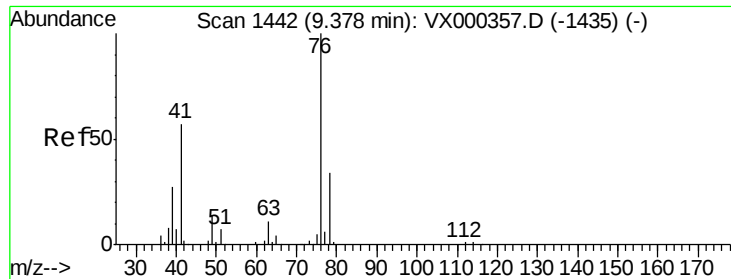
Tgt Ion:	97	Resp:	29941
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.9	101.9
85	58.9	42.8	64.2
99	61.3	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 18.15 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:	69	Resp:	43022
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.0	79.6
39	44.3	35.3	52.9

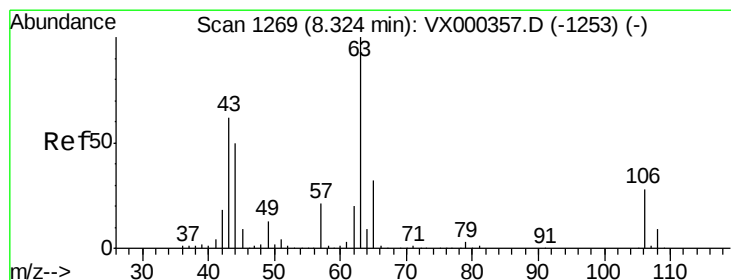
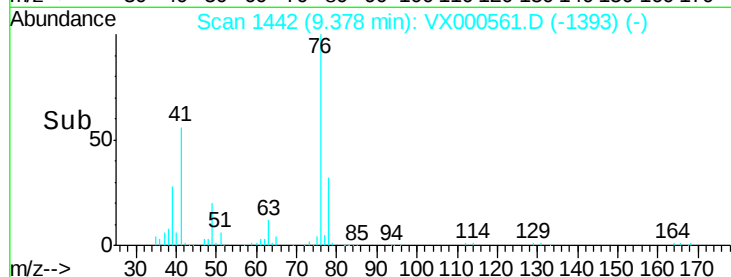
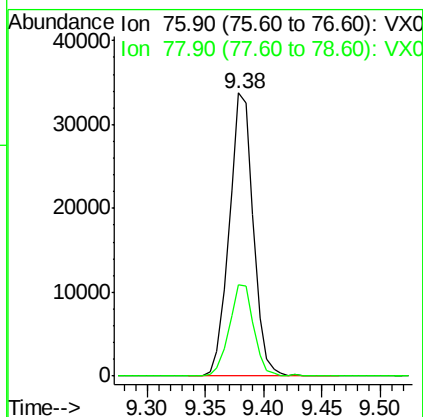
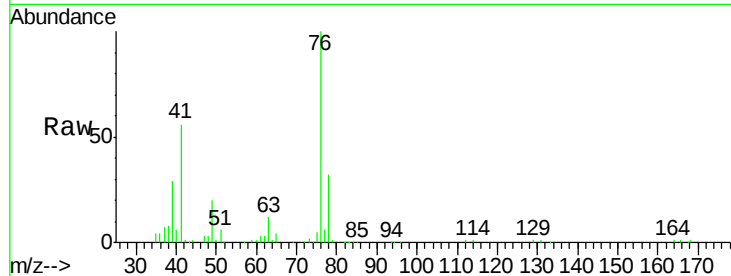




#57
 1,3-Dichloropropane
 Concen: 19.38 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

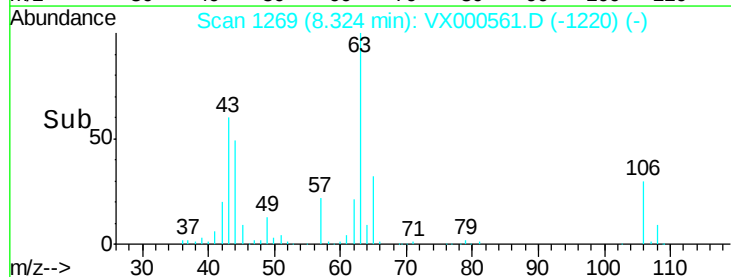
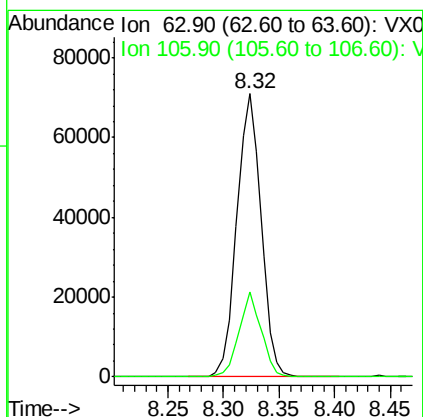
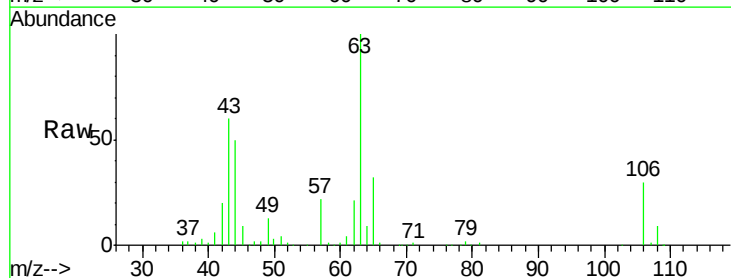
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tgt Ion: 76 Resp: 48496
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.25 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion: 63 Resp: 107229
 Ion Ratio Lower Upper
 63 100
 106 27.4 23.2 34.8

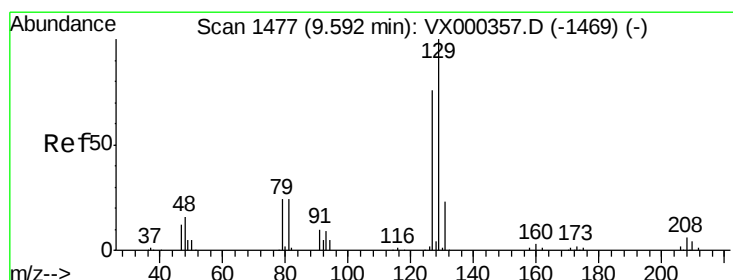
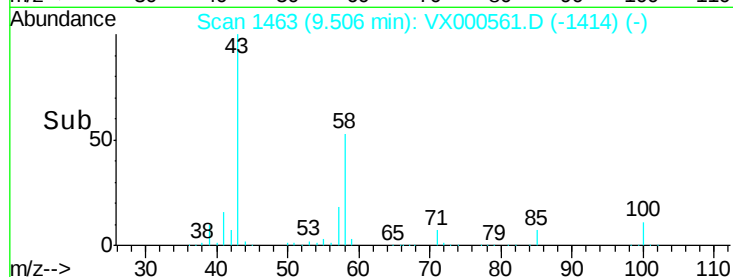
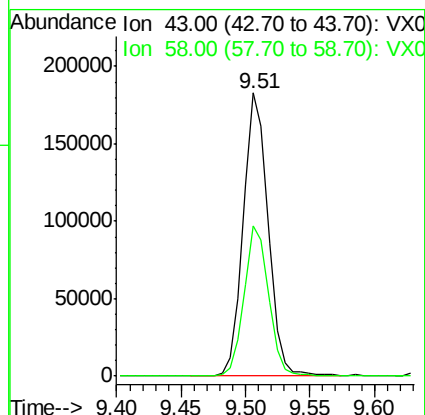
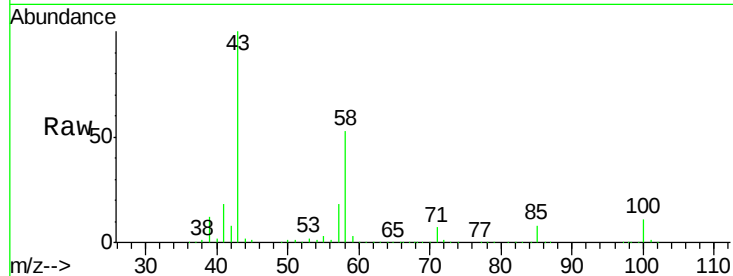




#59
2-Hexanone
Concen: 97.32 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

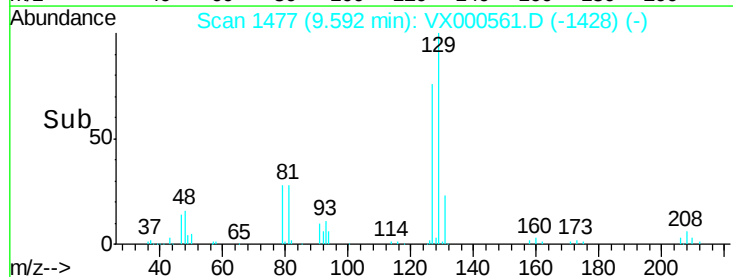
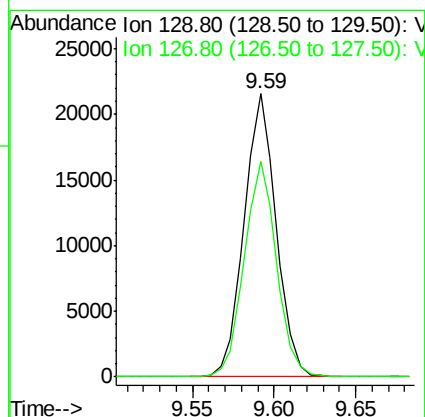
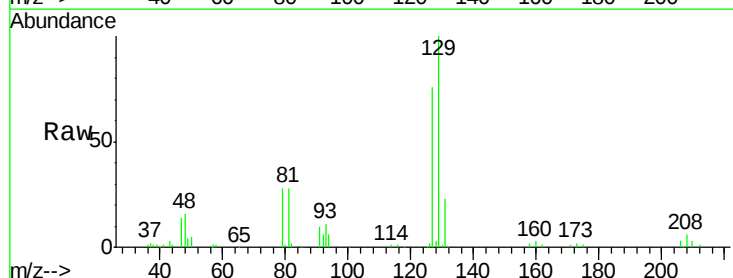
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

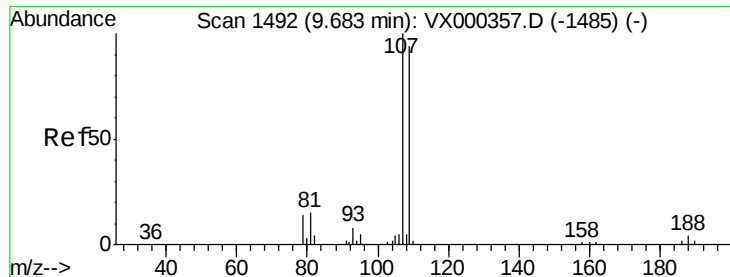
Tgt Ion: 43 Resp: 243705
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 18.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion: 129 Resp: 29538
Ion Ratio Lower Upper
129 100
127 76.4 37.9 113.6





#61

1,2-Dibromoethane

Concen: 19.26 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

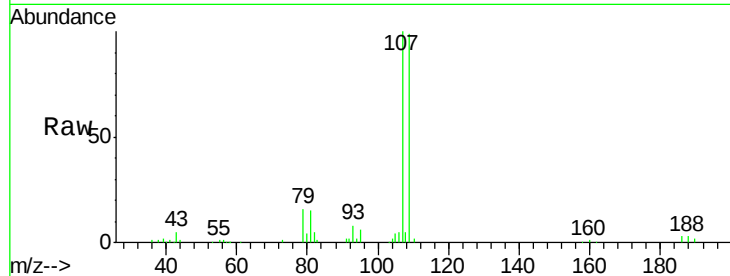
VX0330WBS01

Tgt Ion: 107 Resp: 32312

Ion Ratio Lower Upper

107 100

109 97.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

15000

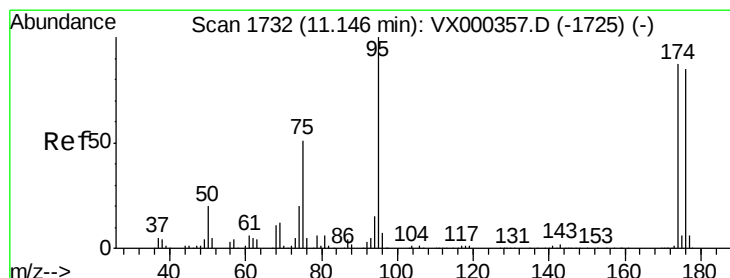
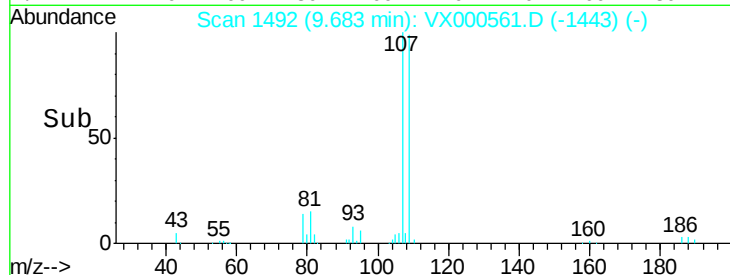
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.38 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

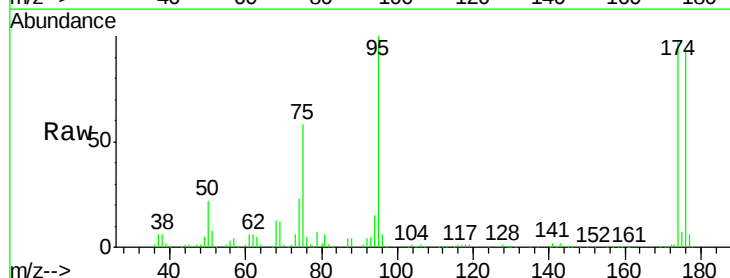
Tgt Ion: 95 Resp: 101190

Ion Ratio Lower Upper

95 100

174 92.8 0.0 173.6

176 88.8 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

11.15

100000

80000

60000

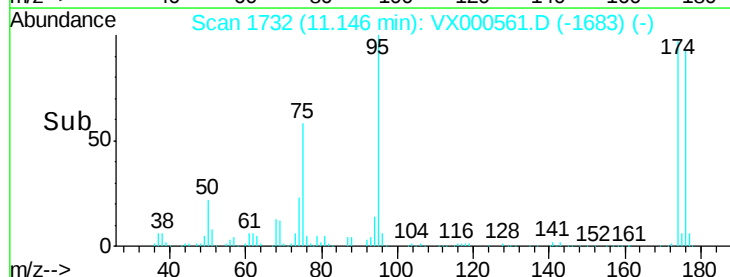
40000

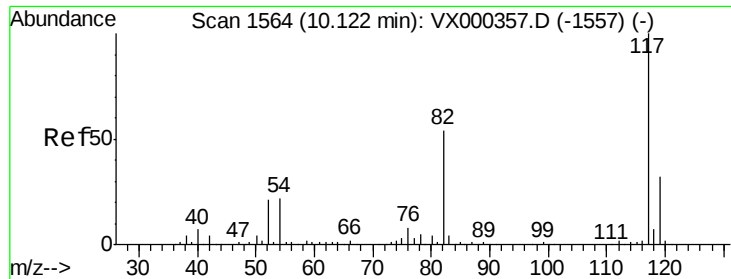
20000

0

Time-->

11.10 11.20

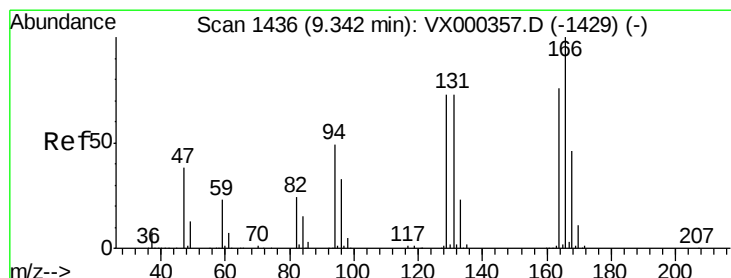
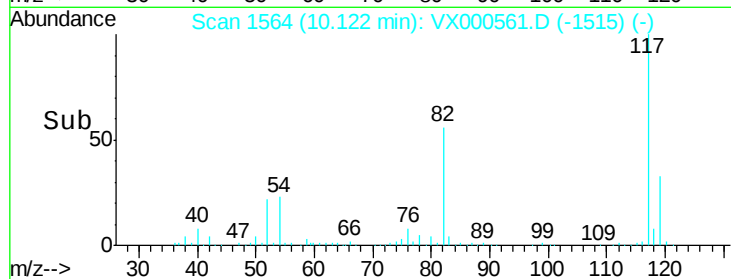
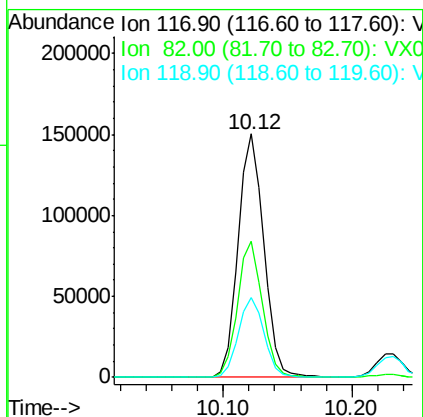
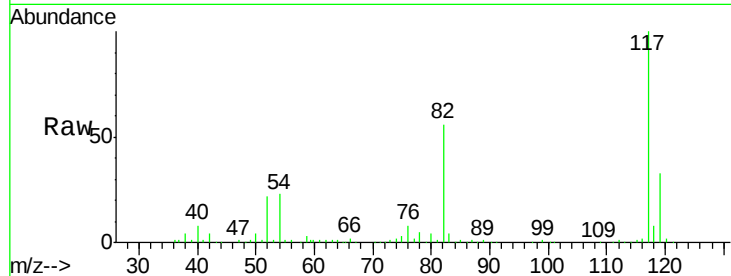




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

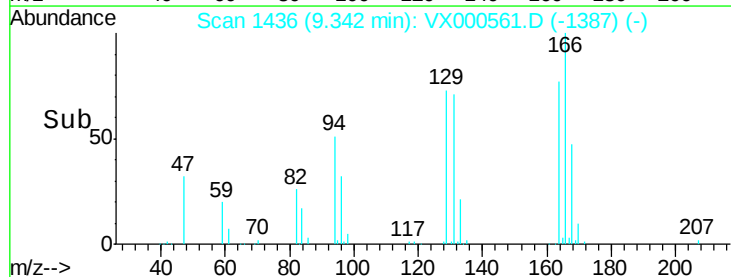
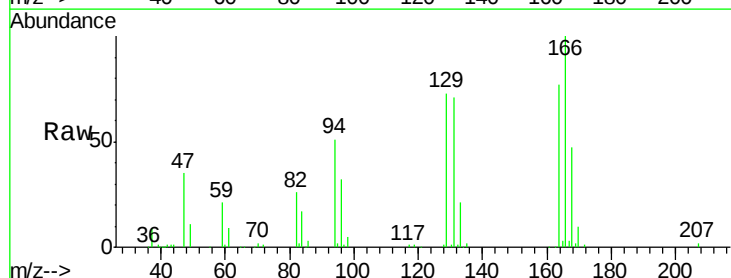
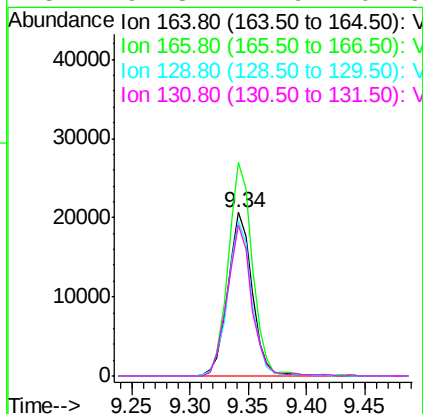
Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

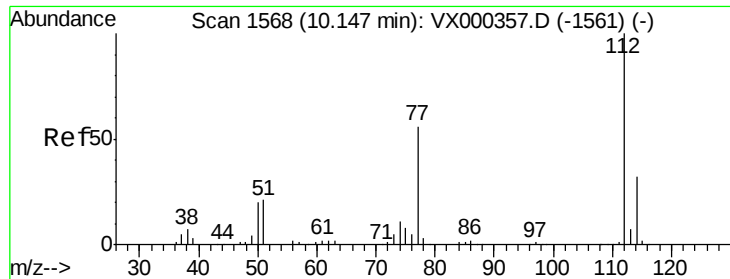
Tgt Ion:117 Resp: 208040
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 18.56 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:164 Resp: 29957
Ion Ratio Lower Upper
164 100
166 130.6 101.0 151.6
129 94.9 79.0 118.4
131 92.3 71.9 107.9





#65

Chlorobenzene

Concen: 18.46 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

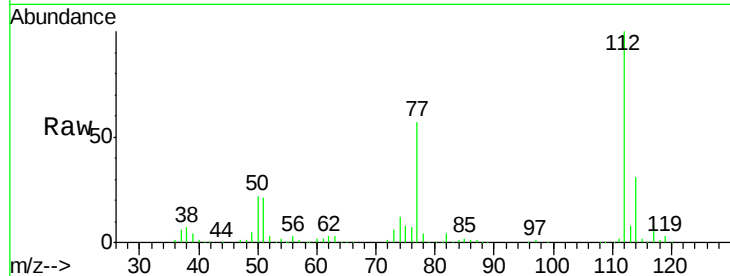
VX0330WBS01

Tgt Ion:112 Resp: 85462

Ion Ratio Lower Upper

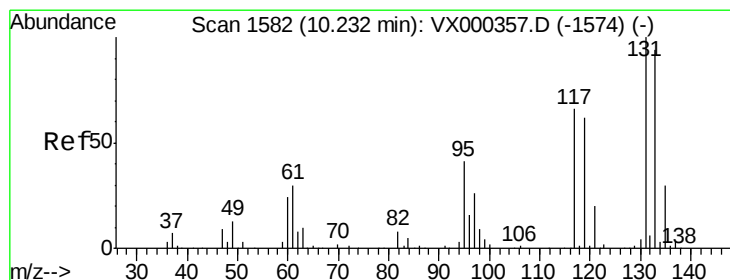
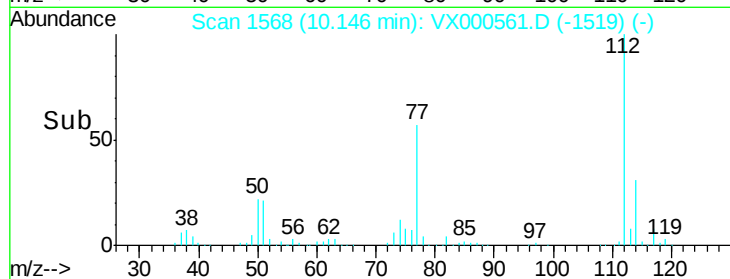
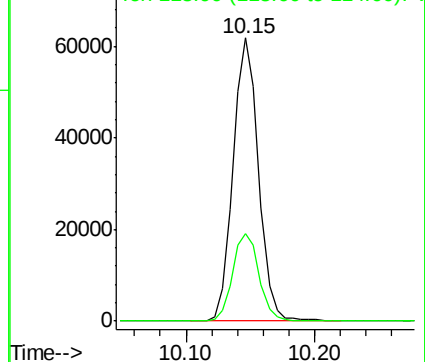
112 100

114 31.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.00 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

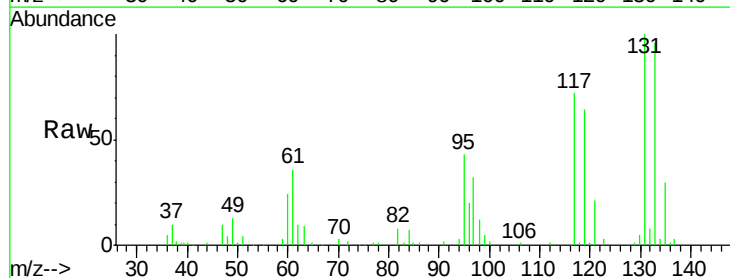
Tgt Ion:131 Resp: 28305

Ion Ratio Lower Upper

131 100

133 96.9 47.1 141.3

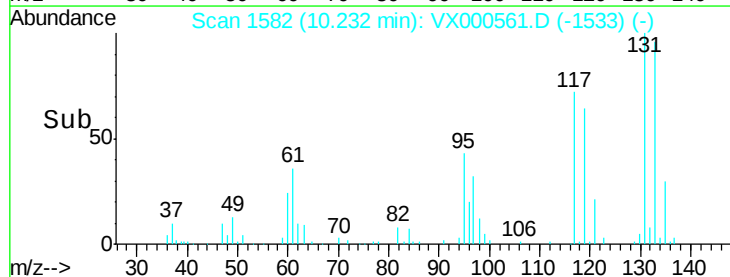
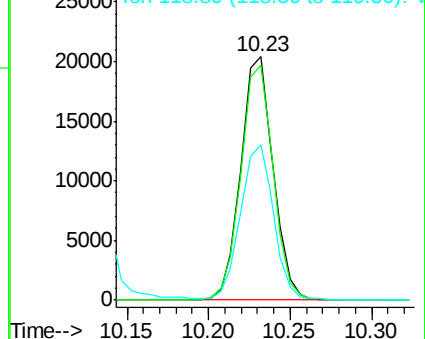
119 65.3 33.1 99.2

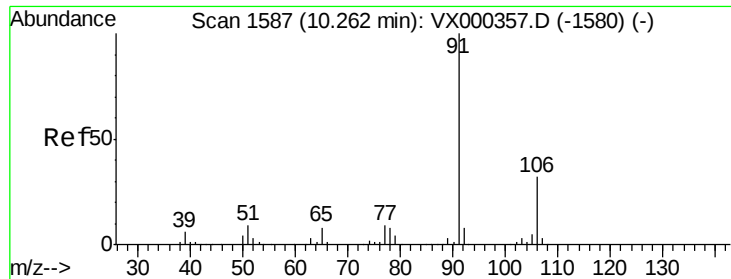


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.44 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

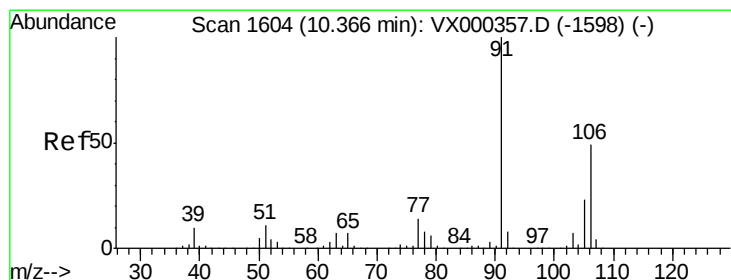
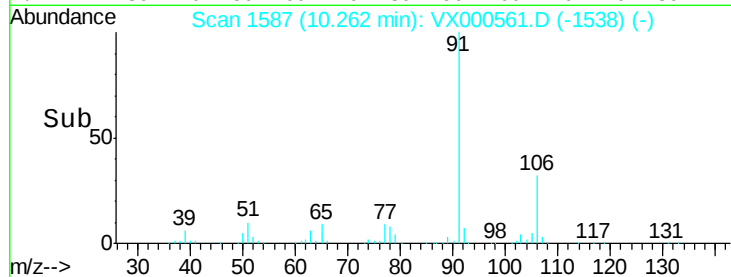
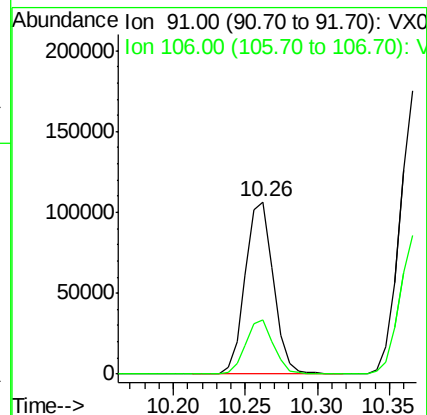
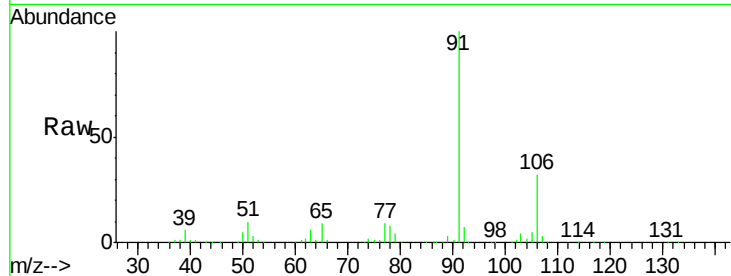
VX0330WBS01

Tgt Ion: 91 Resp: 144692

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.6



#68

m/p-Xylenes

Concen: 37.48 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000561.D

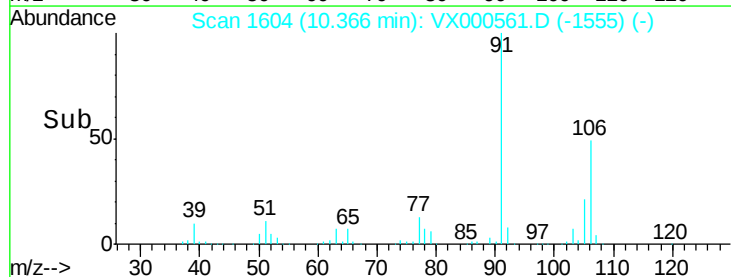
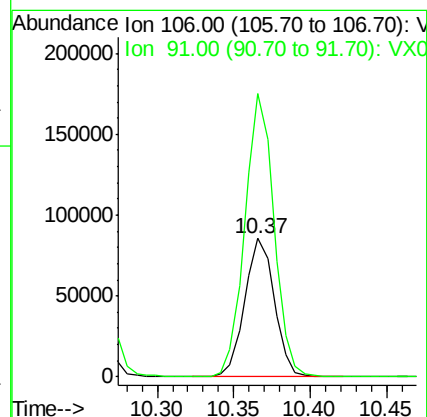
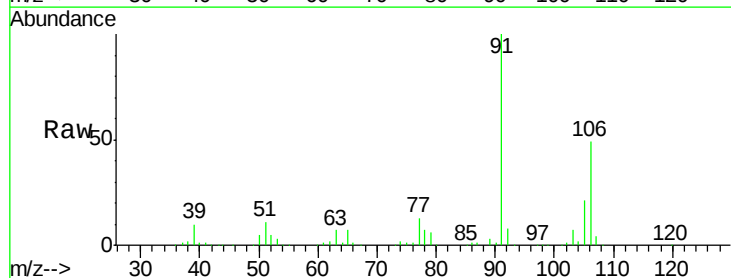
Acq: 30 Mar 2018 15:20

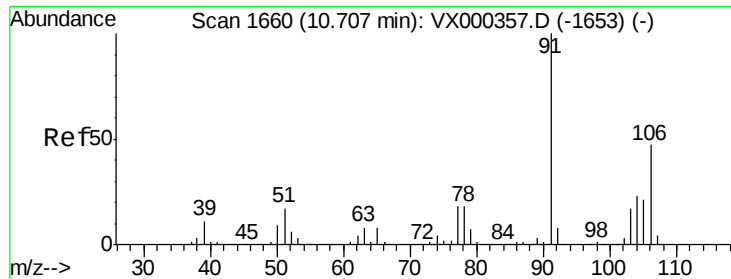
Tgt Ion: 106 Resp: 115738

Ion Ratio Lower Upper

106 100

91 199.2 163.4 245.2

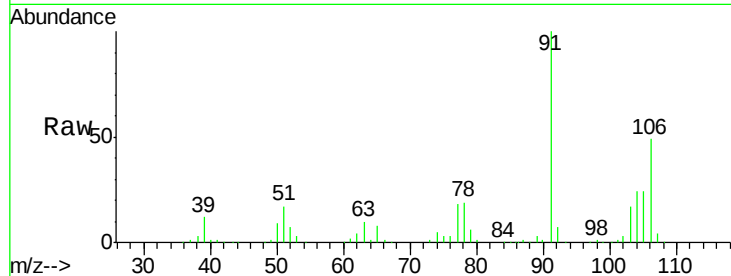




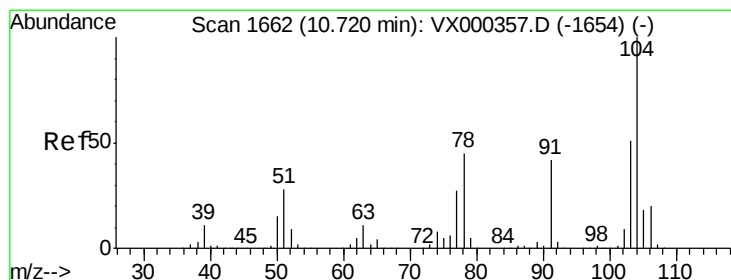
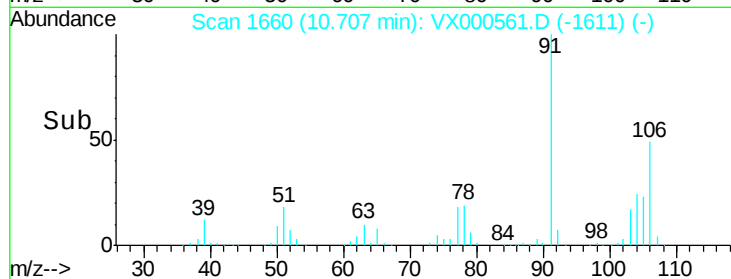
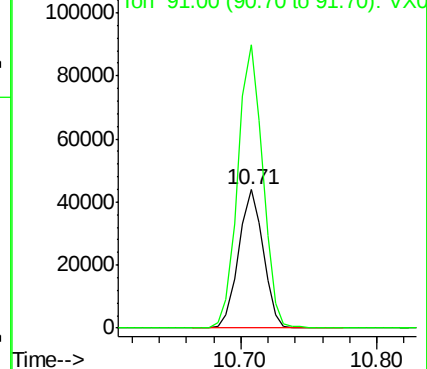
#69
o-Xylene
Concen: 18.60 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VX0330WBS01

Tgt Ion:106 Resp: 55633
Ion Ratio Lower Upper
106 100
91 206.8 106.5 319.6

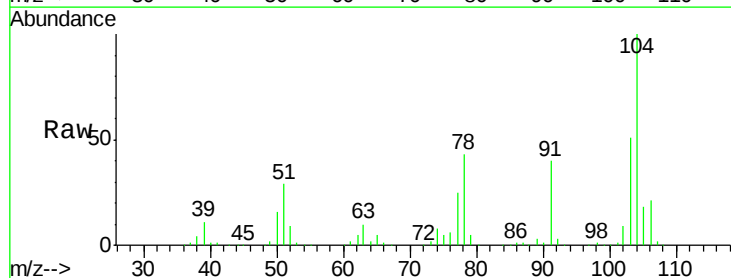


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

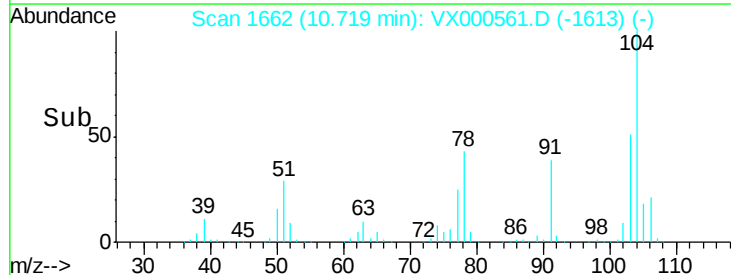
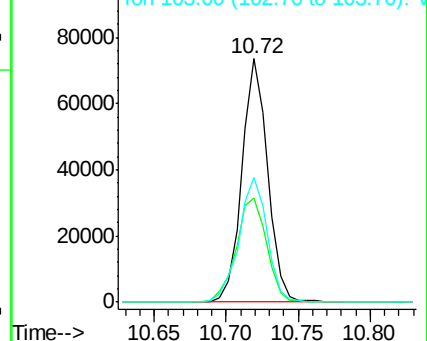


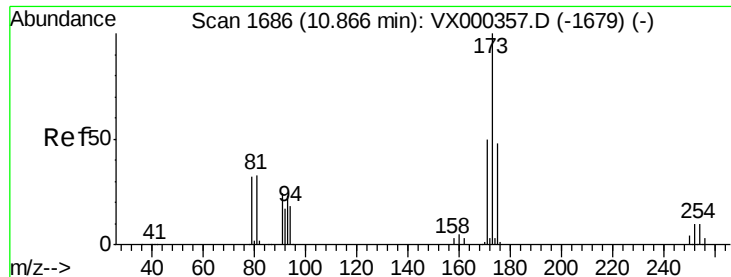
#70
Styrene
Concen: 18.52 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:104 Resp: 91644
Ion Ratio Lower Upper
104 100
78 50.9 40.5 60.7
103 56.4 45.7 68.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.51 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

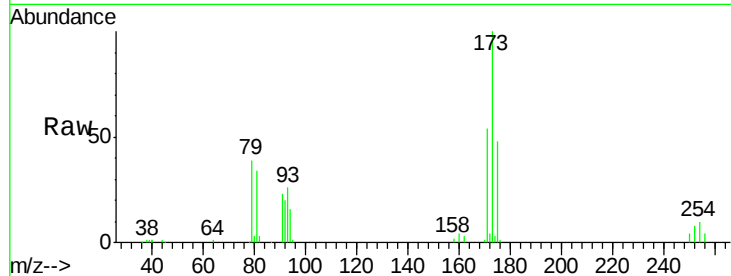
Tgt Ion:173 Resp: 23074

Ion Ratio Lower Upper

173 100

175 47.3 25.4 76.4

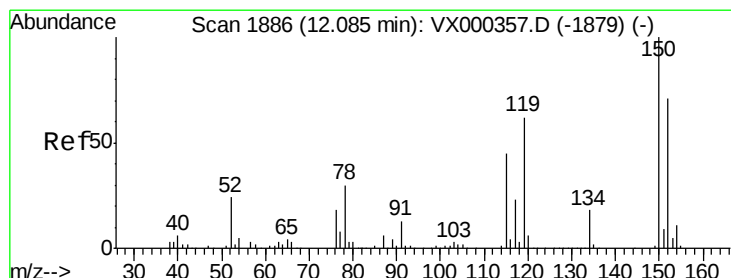
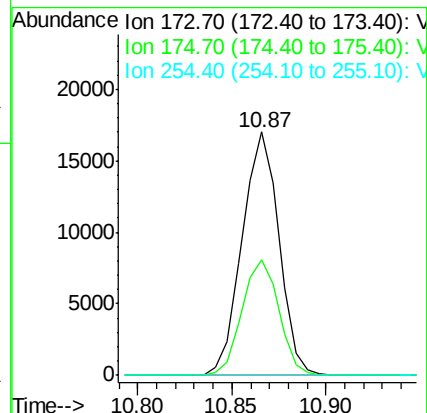
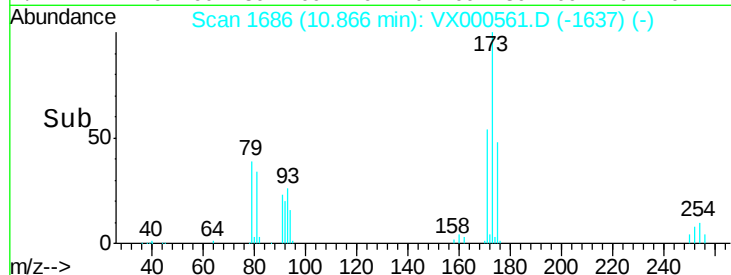
254 0.0 0.0 0.0



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: VX000561.D

Acq: 30 Mar 2018 15:20

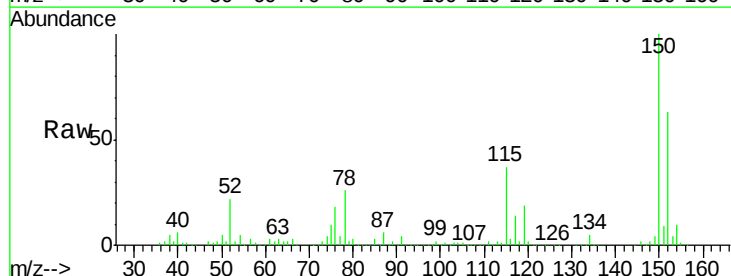
Tgt Ion:152 Resp: 126680

Ion Ratio Lower Upper

152 100

115 65.2 39.8 119.3

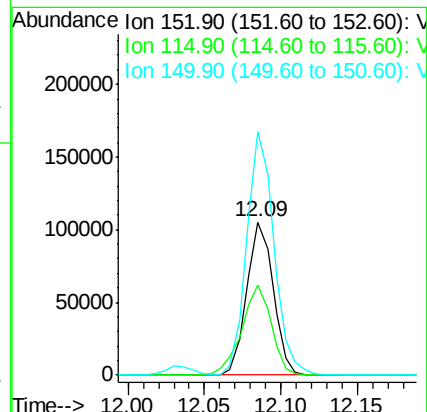
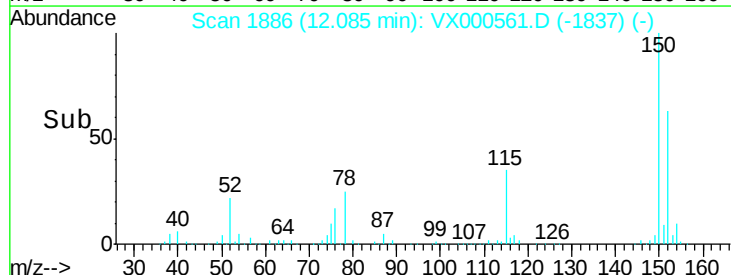
150 163.2 0.0 344.4



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: 17.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

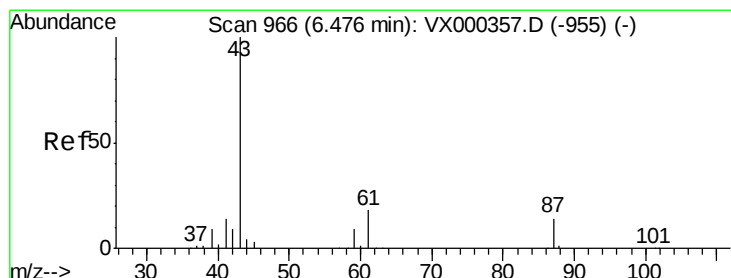
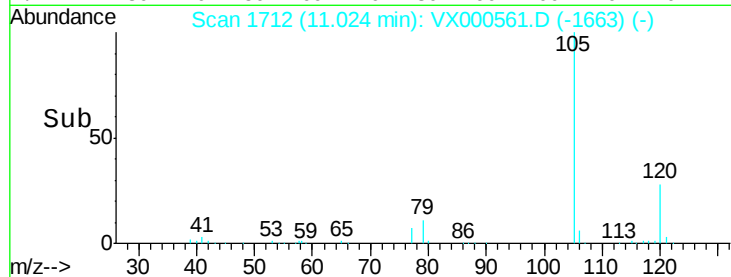
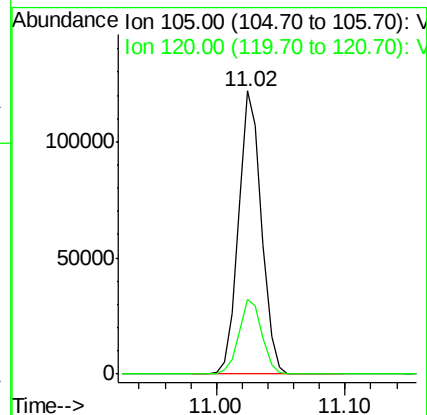
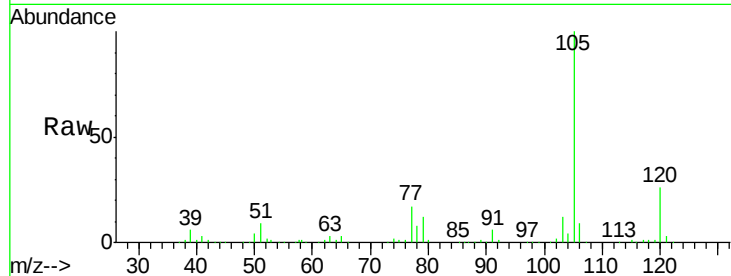
VX0330WBS01

Tgt Ion:105 Resp: 150769

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



#74

N-ethyl acetate

Concen: 17.04 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Tgt Ion: 43 Resp: 70293

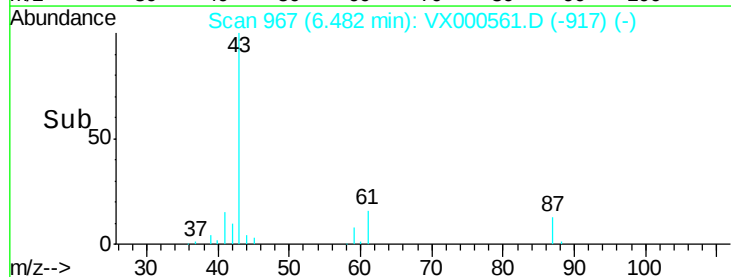
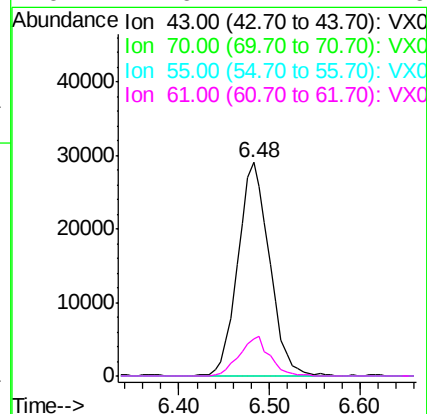
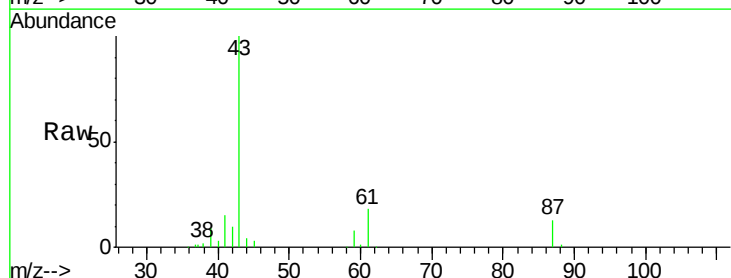
Ion Ratio Lower Upper

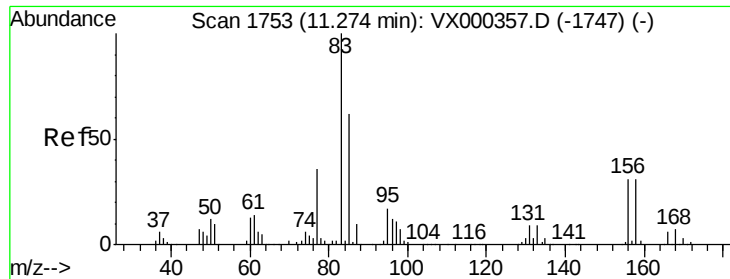
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.27 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

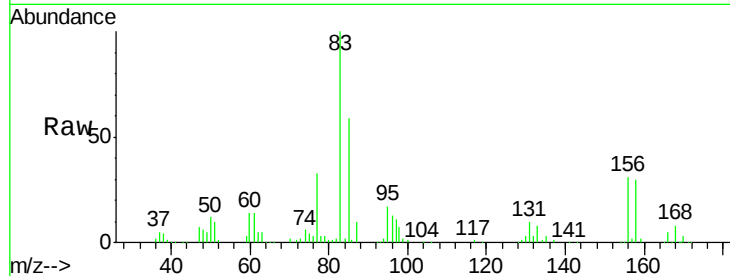
Tgt Ion: 83 Resp: 54252

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

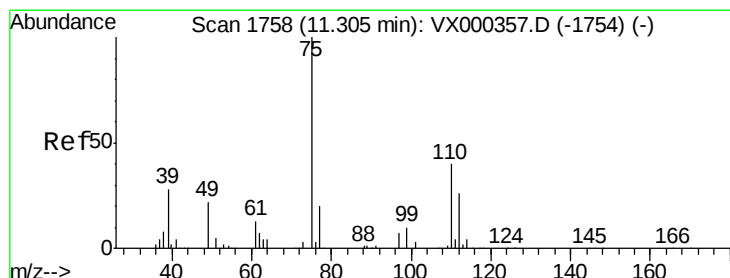
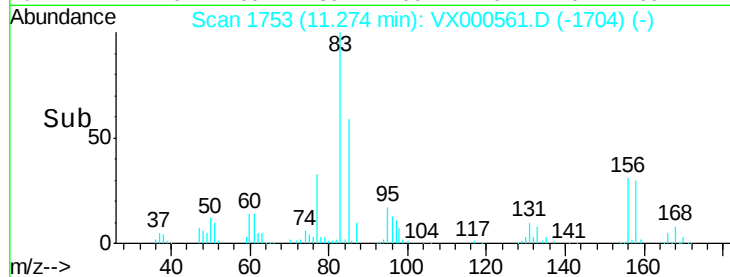
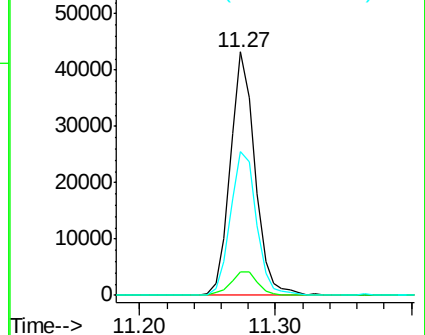
85 63.0 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.80 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000561.D

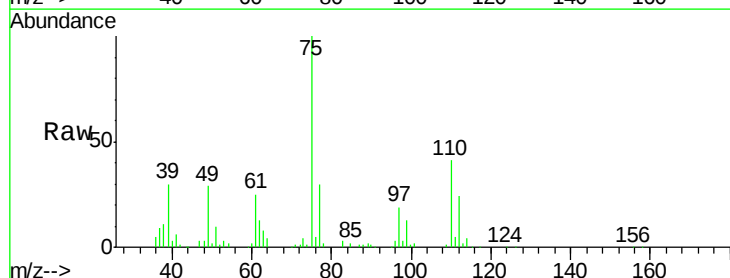
Acq: 30 Mar 2018 15:20

Tgt Ion: 75 Resp: 62085

Ion Ratio Lower Upper

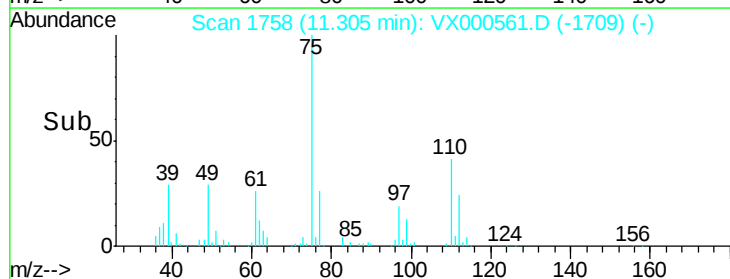
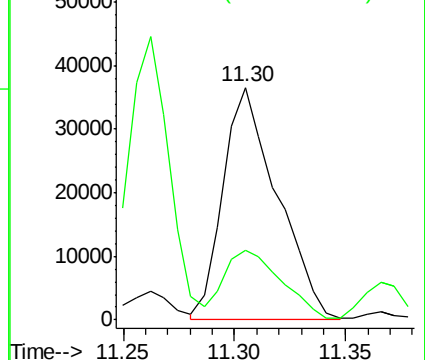
75 100

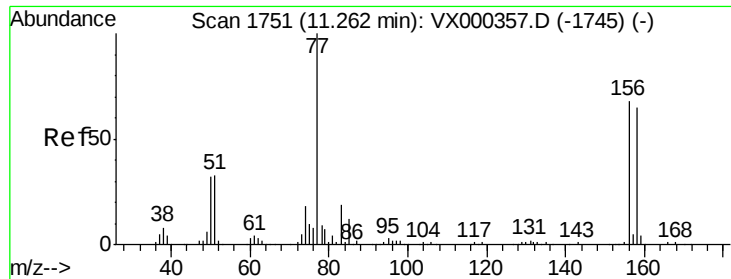
77 31.9 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.79 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

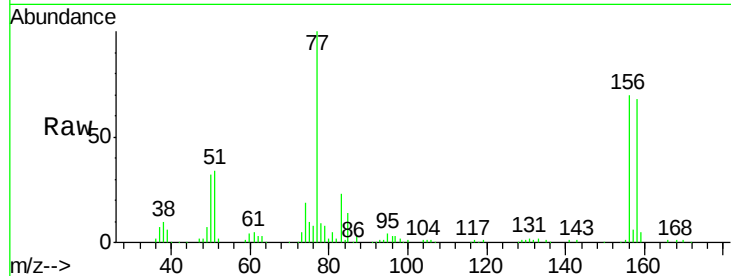
Tgt Ion:156 Resp: 39788

Ion Ratio Lower Upper

156 100

77 144.6 73.4 220.2

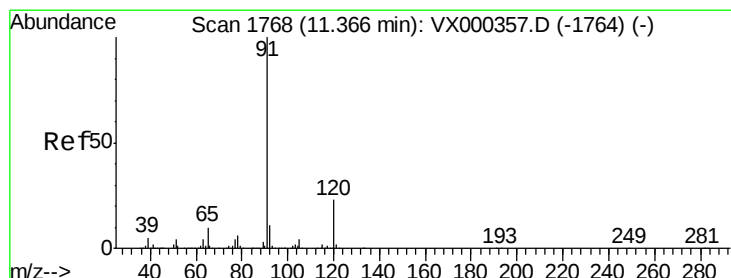
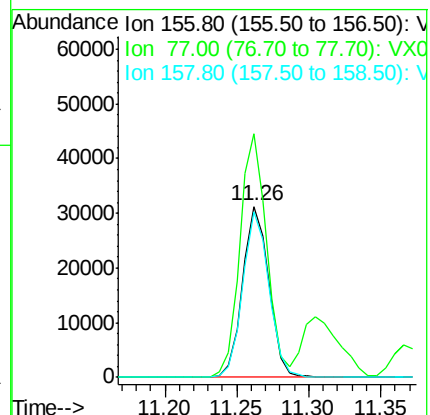
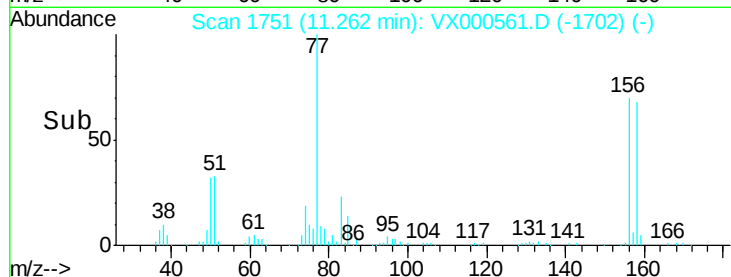
158 96.6 48.5 145.6



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: 18.15 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000561.D

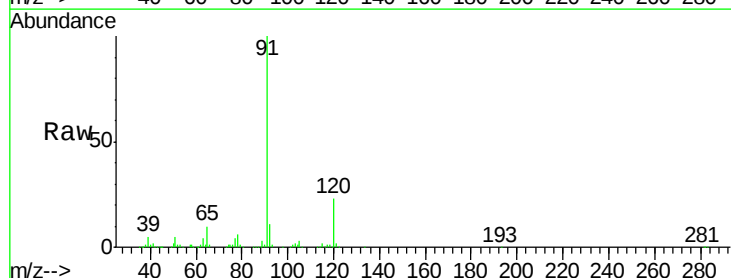
Acq: 30 Mar 2018 15:20

Tgt Ion: 91 Resp: 181630

Ion Ratio Lower Upper

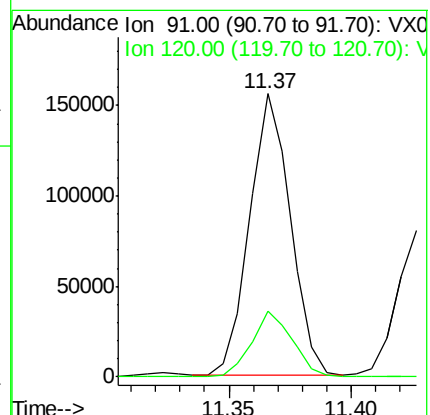
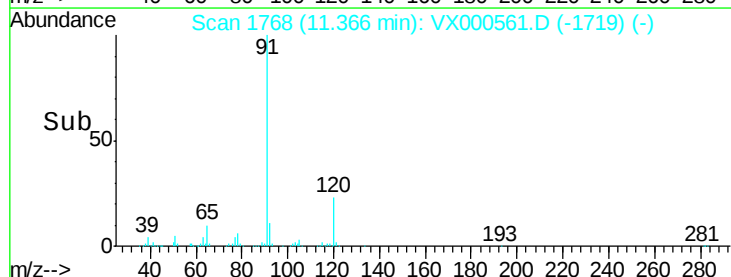
91 100

120 23.2 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: 17.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

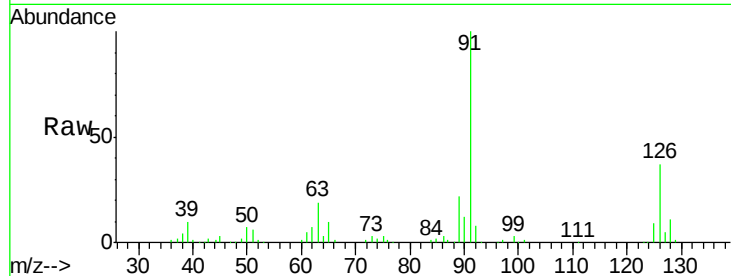
VX0330WBS01

Tgt Ion: 91 Resp: 101756

Ion Ratio Lower Upper

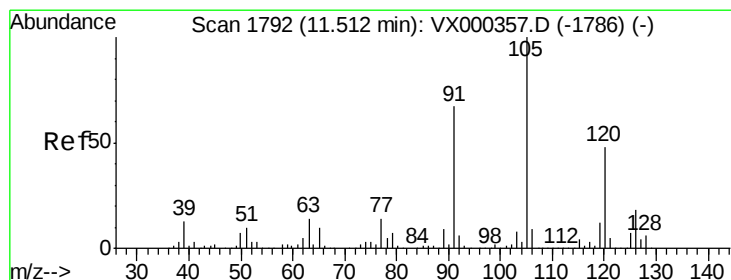
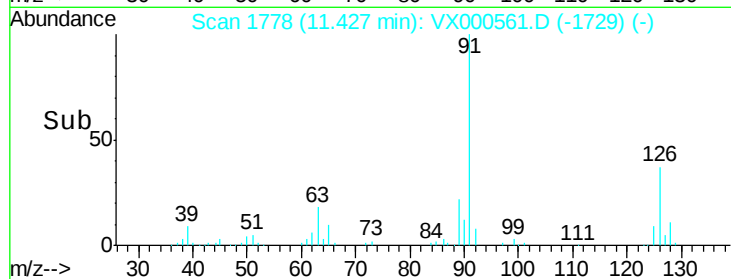
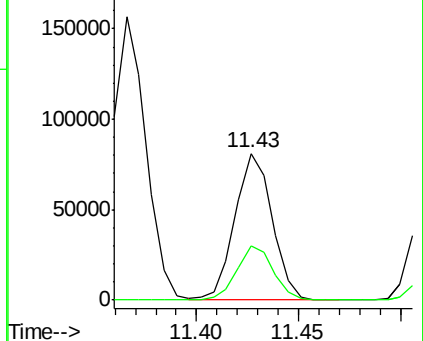
91 100

126 36.4 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: 18.36 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000561.D

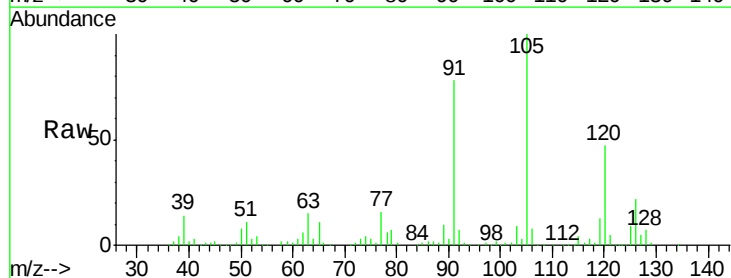
Acq: 30 Mar 2018 15:20

Tgt Ion: 105 Resp: 129570

Ion Ratio Lower Upper

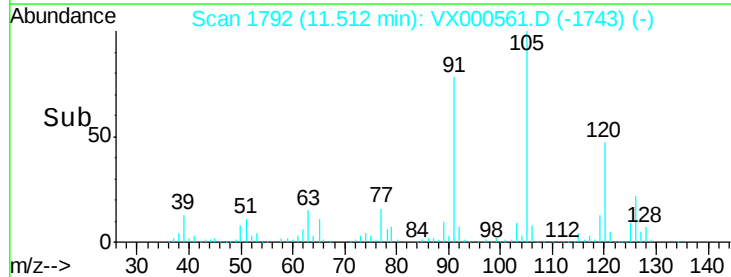
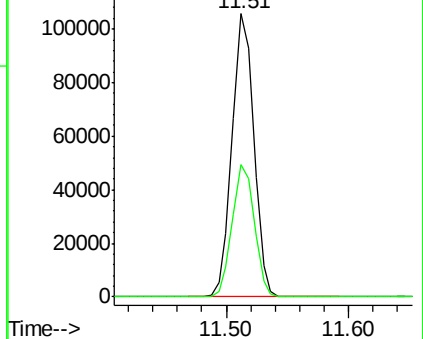
105 100

120 47.5 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: 16.01 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VX0330WBS01

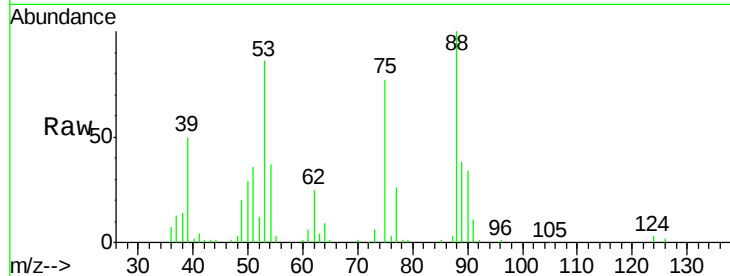
Tgt Ion: 75 Resp: 13460

Ion Ratio Lower Upper

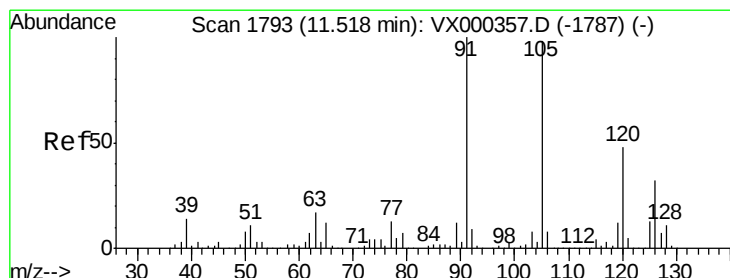
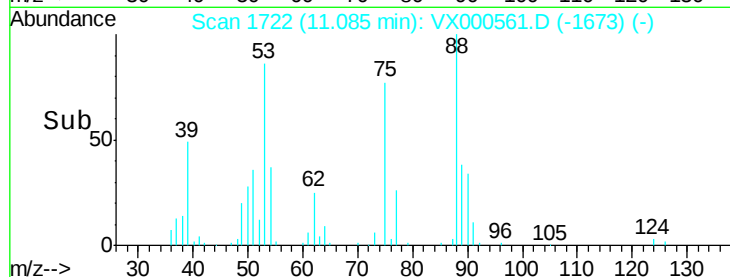
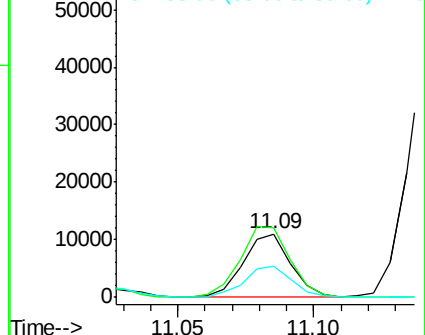
75 100

53 117.0 80.7 121.1

89 48.6 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.68 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000561.D

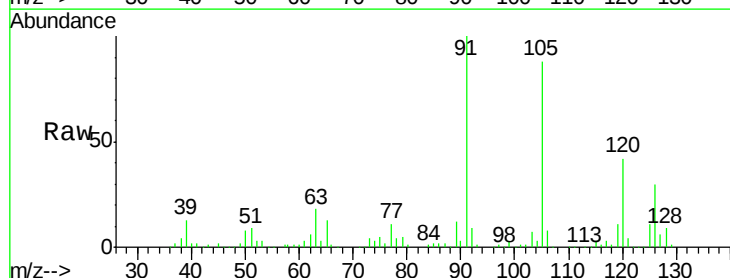
Acq: 30 Mar 2018 15:20

Tgt Ion: 91 Resp: 128920

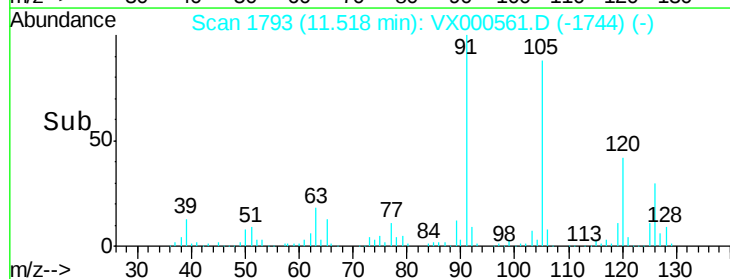
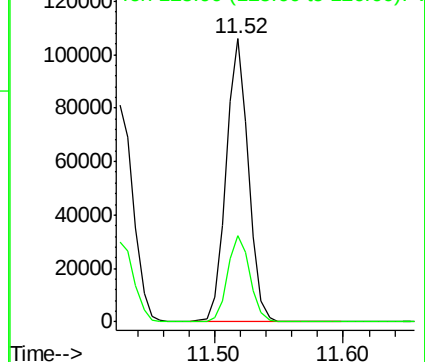
Ion Ratio Lower Upper

91 100

126 30.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

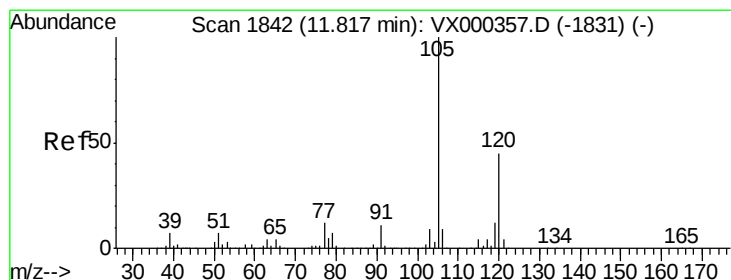
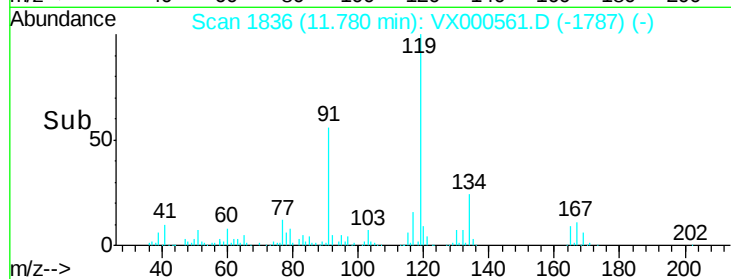
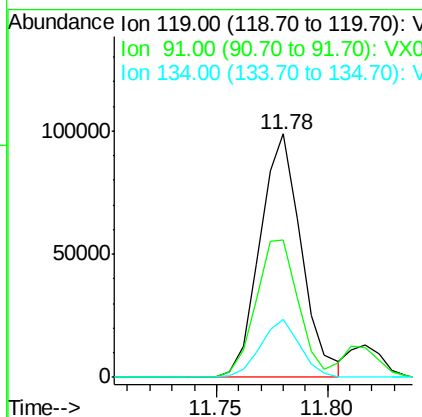
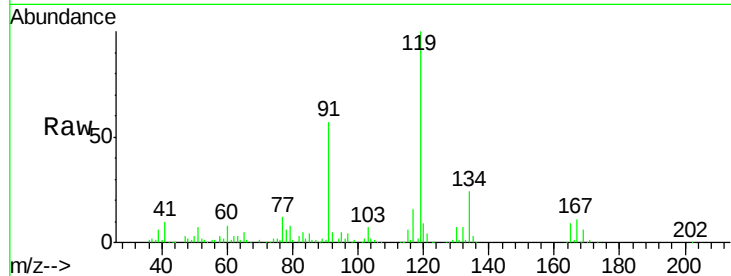




#83
 tert-Butylbenzene
 Concen: 17.92 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

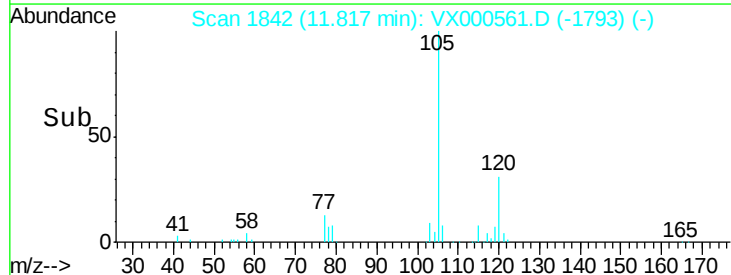
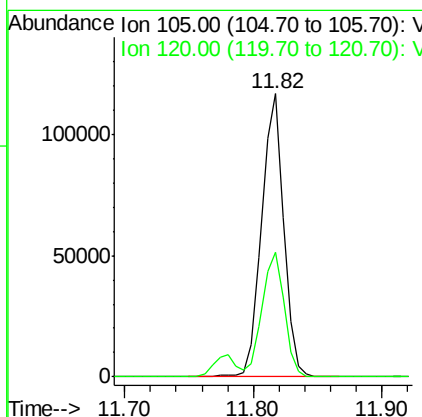
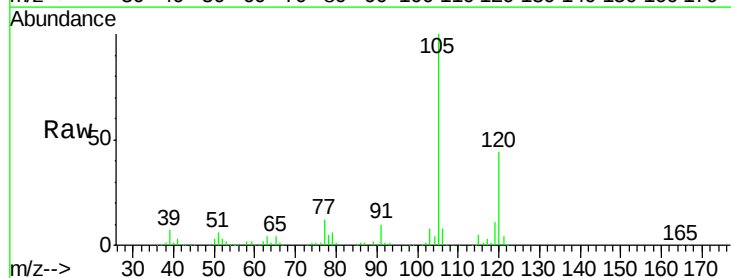
Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

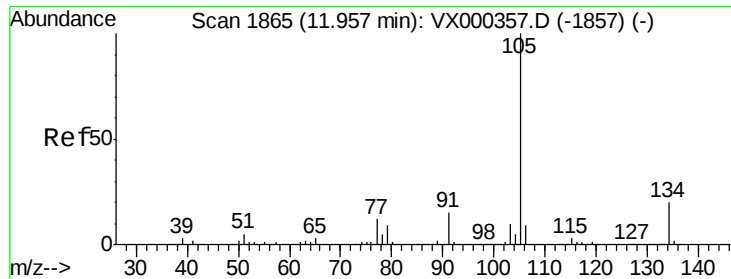
Tgt Ion:119 Resp: 127573
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.8 86.4
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.64 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:105 Resp: 137911
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

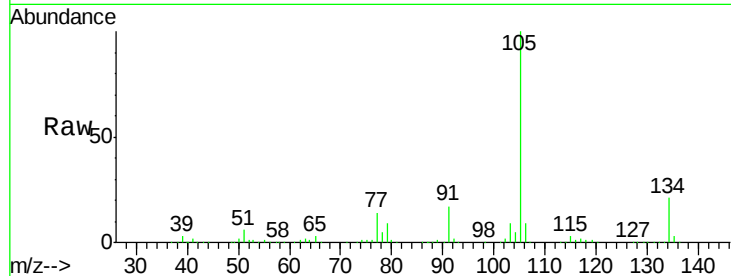




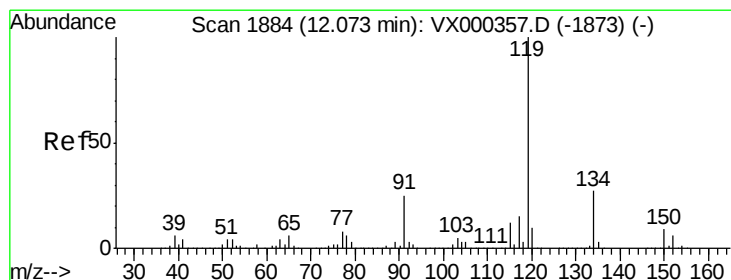
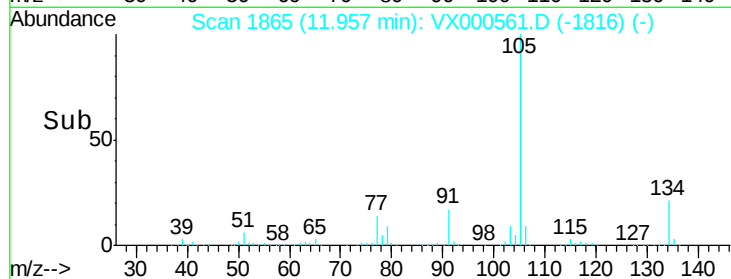
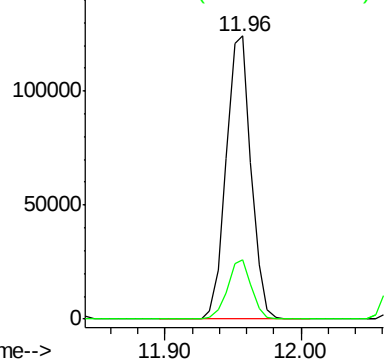
#85
 sec-Butylbenzene
 Concen: 18.19 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0330WBS01

Tgt Ion:105 Resp: 160226
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.8

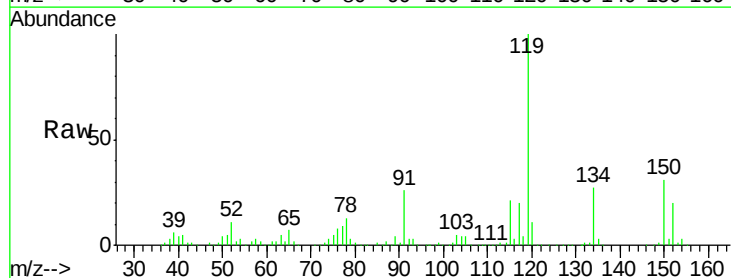


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

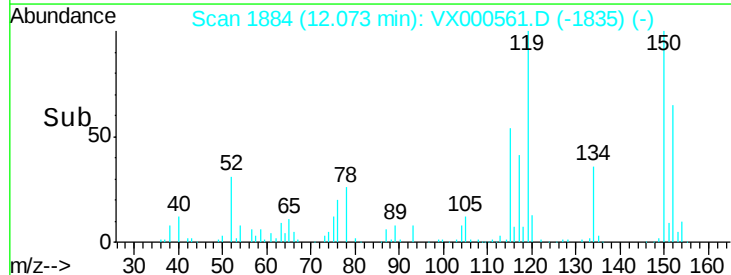
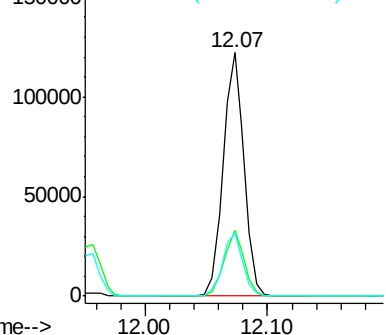


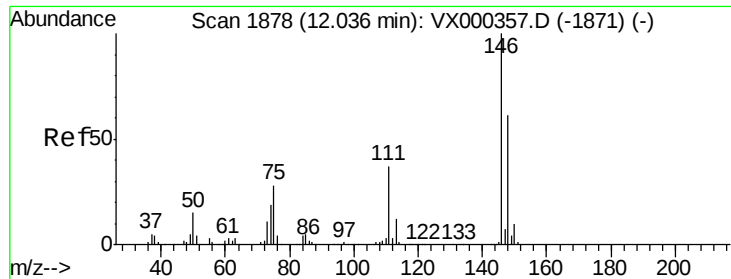
#86
 p-Isopropyltoluene
 Concen: 18.58 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:119 Resp: 145287
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 25.2 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

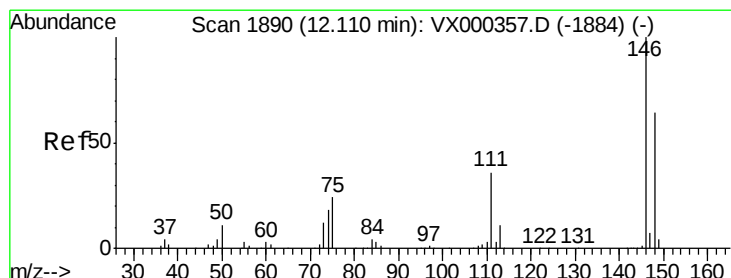
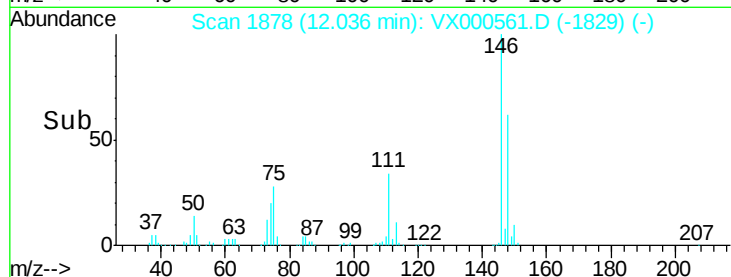
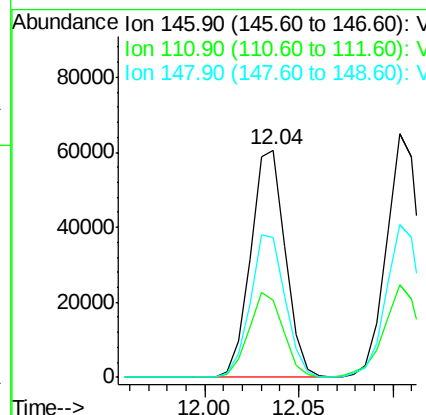
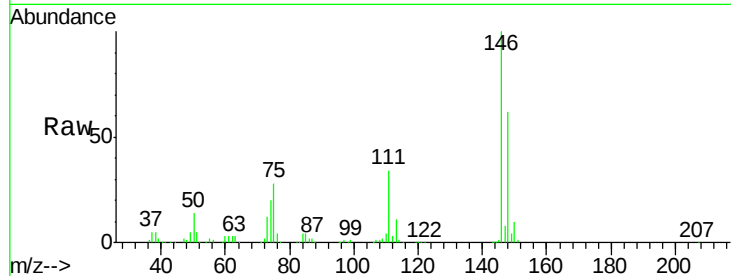




#87
 1,3-Dichlorobenzene
 Concen: 18.30 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

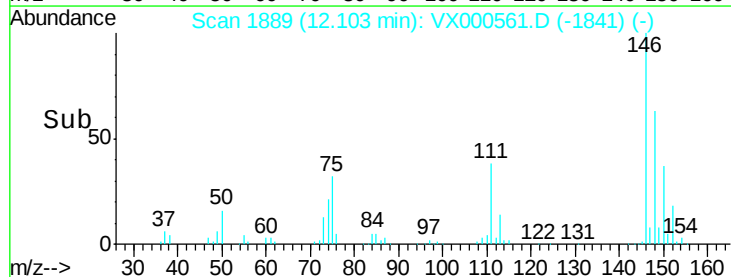
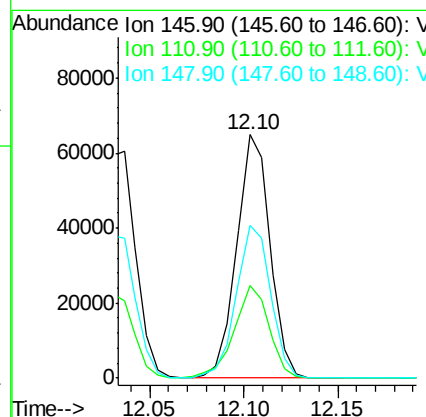
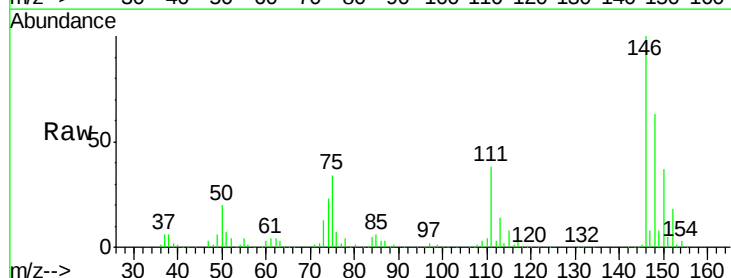
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

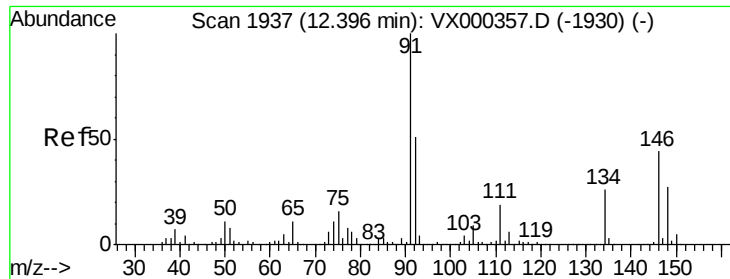
Tgt Ion:146 Resp: 77354
 Ion Ratio Lower Upper
 146 100
 111 36.9 19.5 58.5
 148 63.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 18.00 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:146 Resp: 79888
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.9 56.9
 148 64.7 31.0 93.0





#89

n-Butylbenzene

Concen: 18.74 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

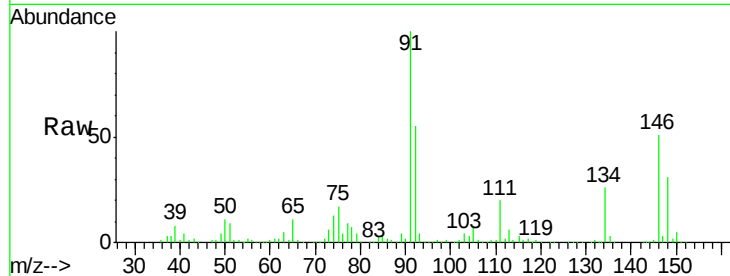
Tgt Ion: 91 Resp: 136443

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

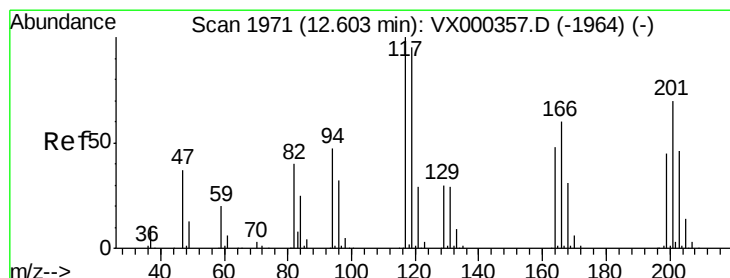
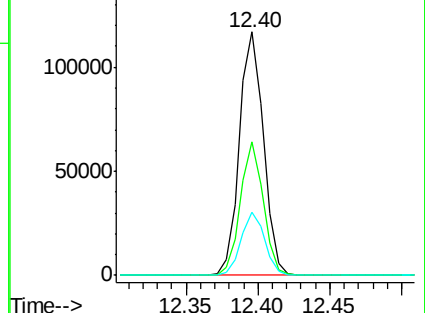
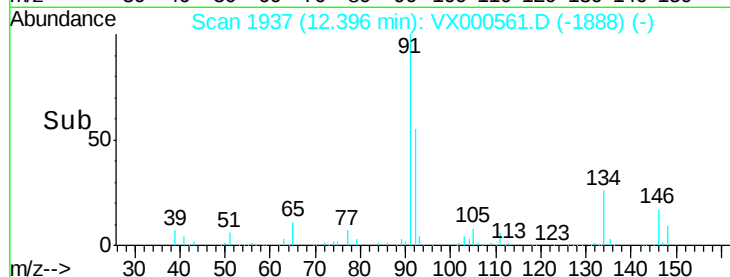
134 25.3 13.1 39.3



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: 16.77 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000561.D

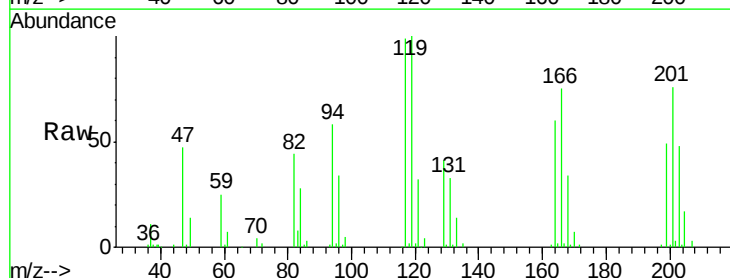
Acq: 30 Mar 2018 15:20

Tgt Ion: 117 Resp: 20647

Ion Ratio Lower Upper

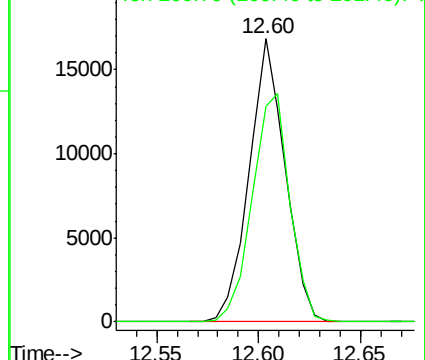
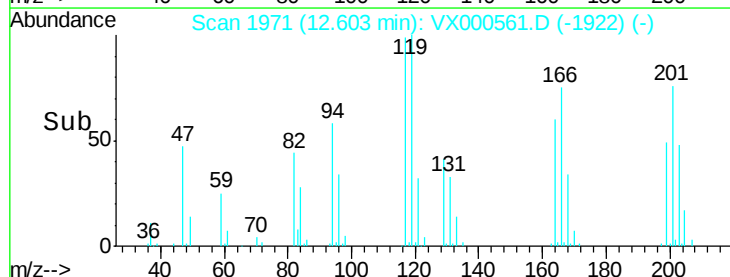
117 100

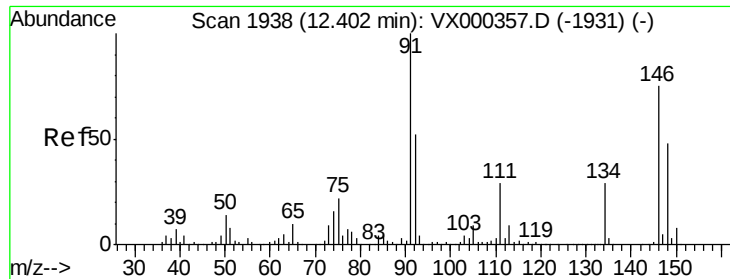
201 84.4 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.01 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VX0330WBS01

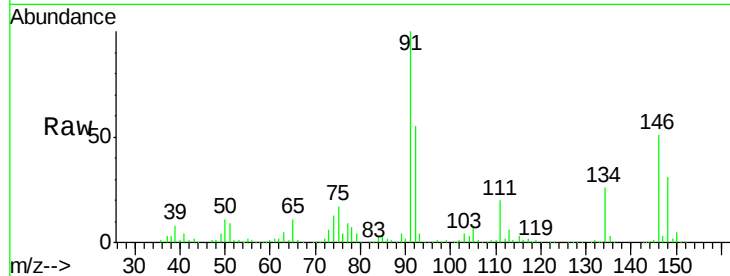
Tgt Ion:146 Resp: 77623

Ion Ratio Lower Upper

146 100

111 38.3 20.1 60.2

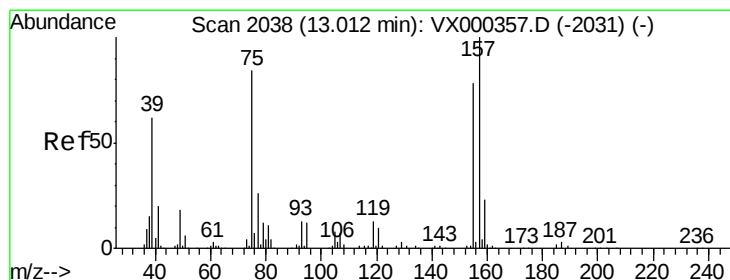
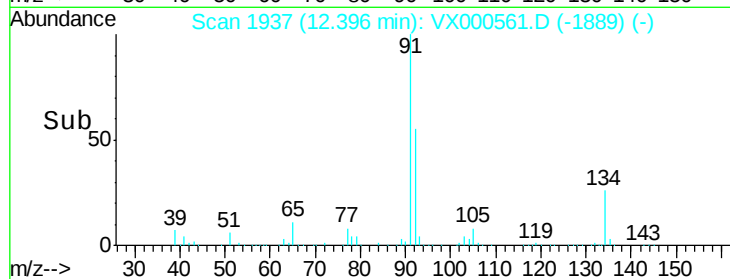
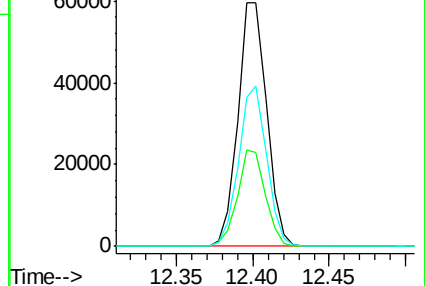
148 64.2 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.38 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000561.D

Acq: 30 Mar 2018 15:20

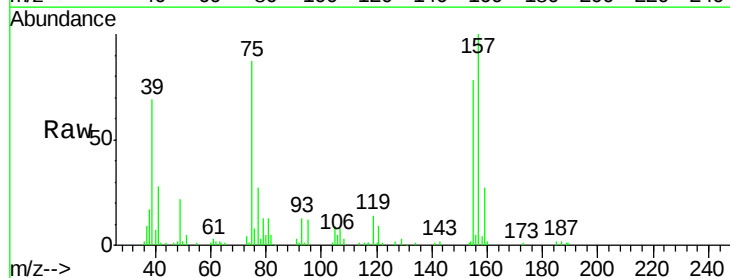
Tgt Ion: 75 Resp: 15221

Ion Ratio Lower Upper

75 100

155 82.2 45.0 134.8

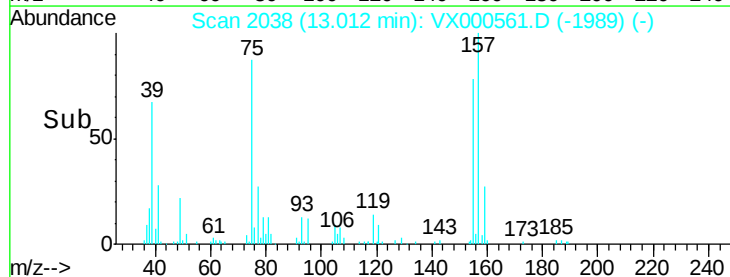
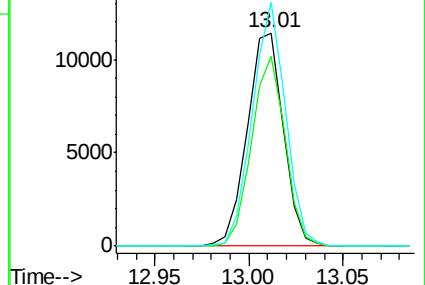
157 104.3 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

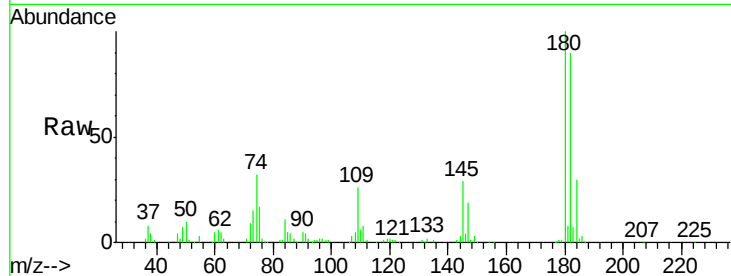




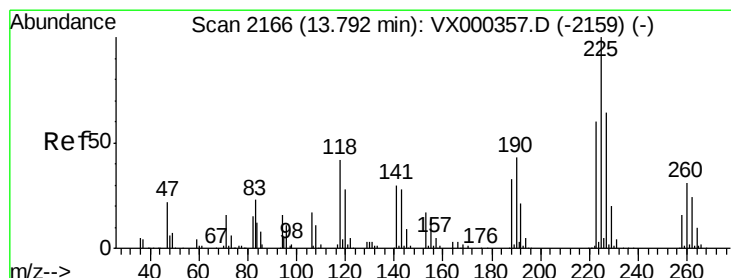
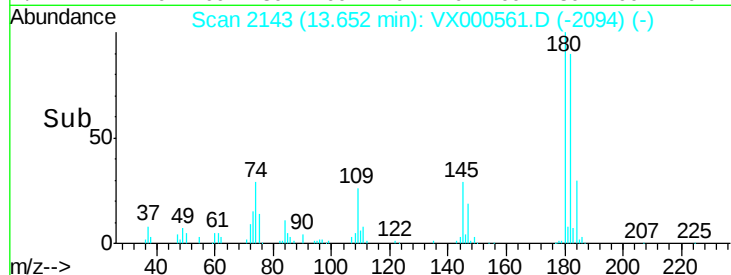
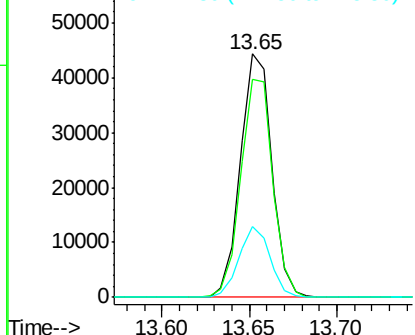
#93
 1,2,4-Trichlorobenzene
 Concen: 18.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Tgt Ion:180 Resp: 55238
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.6 142.9
 145 28.8 15.1 45.3

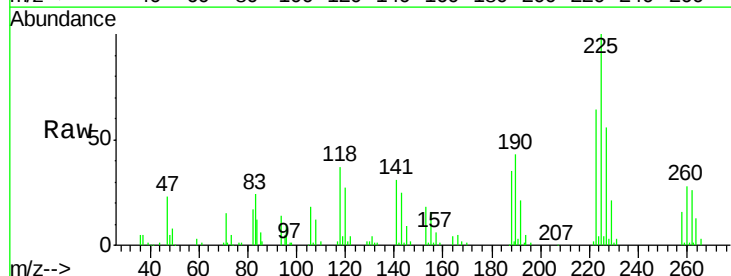


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

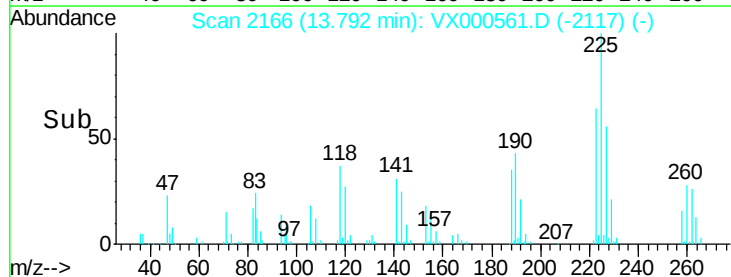
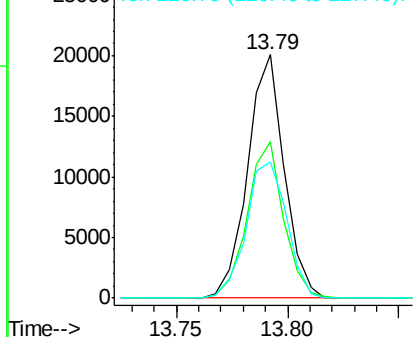


#94
 Hexachlorobutadiene
 Concen: 18.73 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000561.D
 Acq: 30 Mar 2018 15:20

Tgt Ion:225 Resp: 23048
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 61.8 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

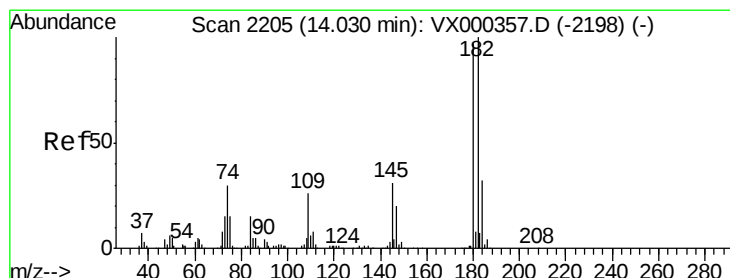
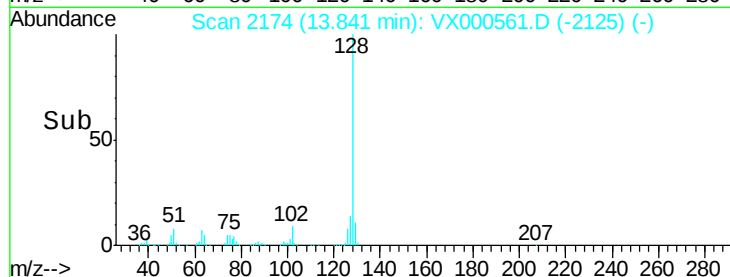
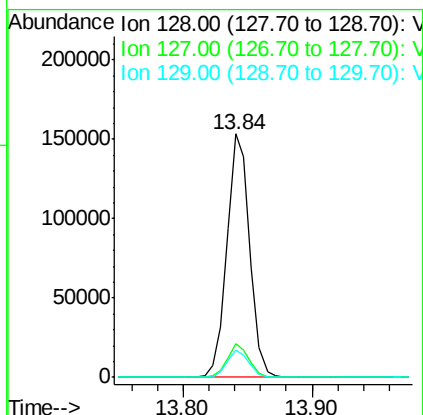
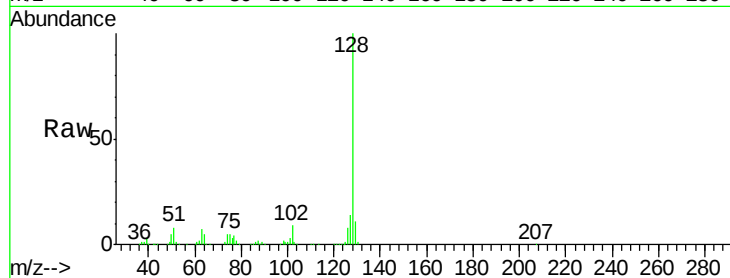




#95
Naphthalene
Concen: 18.34 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Tgt Ion:128 Resp: 189880
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.56 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000561.D
Acq: 30 Mar 2018 15:20

Tgt Ion:180 Resp: 54496
Ion Ratio Lower Upper
180 100
182 93.7 47.4 142.3
145 30.5 15.8 47.3

