

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
 Data File : VX000606.D
 Acq On : 31 Mar 2018 20:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 02 05:21:12 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	133015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	219731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	246029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163789	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	91564	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
35) Dibromofluoromethane	5.51	113	72771	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	8.73	98	319389	55.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.40%	
62) 4-Bromofluorobenzene	11.15	95	132931	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	53789	36.692	ug/l	97
3) Chloromethane	1.32	50	53007	34.323	ug/l	96
4) Vinyl Chloride	1.40	62	75951	46.543	ug/l	95
5) Bromomethane	1.64	94	73685	37.728	ug/l	98
6) Chloroethane	1.72	64	61817	61.759	ug/l	100
7) Trichlorofluoromethane	1.93	101	165575	56.216	ug/l	95
8) Diethyl Ether	2.19	74	59455	56.485	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	87519	53.288	ug/l	98
10) Methyl Iodide	2.51	142	19990	15.509	ug/l	94
11) Tert butyl alcohol	3.09	59	195407	327.177	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82022	56.890	ug/l	97
13) Acrolein	2.30	56	94720	482.320	ug/l	96
14) Allyl chloride	2.73	41	148057	58.160	ug/l	99
15) Acrylonitrile	3.16	53	361509	298.853	ug/l	99
16) Acetone	2.45	43	351241	243.175	ug/l	98
17) Carbon Disulfide	2.57	76	218686	57.018	ug/l	97
18) Methyl Acetate	2.79	43	175180	57.850	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	309278	58.001	ug/l	100
20) Methylene Chloride	2.86	84	93582	56.094	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	95890	59.622	ug/l	98
22) Diisopropyl ether	3.89	45	207357	46.008	ug/l	93
23) Vinyl Acetate	3.84	43	963868	225.590	ug/l	100
24) 1,1-Dichloroethane	3.70	63	103007	36.351	ug/l	99
25) 2-Butanone	4.72	43	397249	244.683	ug/l	98
26) 2,2-Dichloropropane	4.59	77	81076	40.822	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	70037	46.594	ug/l	99
28) Bromochloromethane	5.03	49	62932	53.857	ug/l	97
29) Tetrahydrofuran	5.18	42	268644	268.940	ug/l	99
30) Chloroform	5.23	83	137368	51.726	ug/l	99
31) Cyclohexane	5.59	56	106194	48.477	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	118836	49.602	ug/l	98
36) 1,1-Dichloropropene	5.81	75	97208	47.228	ug/l	97
37) Ethyl Acetate	4.87	43	138752	49.352	ug/l	99
38) Carbon Tetrachloride	5.79	117	105036	48.644	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	118224	47.230	ug/l	97
40) Benzene	6.15	78	299822	50.161	ug/l	99
41) Methacrylonitrile	5.08	41	72804	49.118	ug/l	99
42) 1,2-Dichloroethane	6.21	62	115904	49.422	ug/l	98
43) Isopropyl Acetate	6.48	43	211377	50.508	ug/l	99
44) Trichloroethene	7.22	130	84330	49.247	ug/l	99
45) 1,2-Dichloropropane	7.52	63	78556	51.345	ug/l	99
46) Dibromomethane	7.67	93	59609	49.636	ug/l	97
47) Bromodichloromethane	7.91	83	112786	53.379	ug/l	99
48) Methyl methacrylate	7.79	41	105139	51.747	ug/l	100
49) 1,4-Dioxane	7.77	88	51699	1210.530	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	891603	275.239	ug/l	100
52) Toluene	8.79	92	220441	52.754	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	125603	51.300	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	128593	54.145	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	91172	53.057	ug/l	97
56) Ethyl methacrylate	9.19	69	142038	54.549	ug/l	97
57) 1,3-Dichloropropane	9.38	76	146214	53.198	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	317554	254.100	ug/l	97
59) 2-Hexanone	9.51	43	767198	278.920	ug/l	99
60) Dibromochloromethane	9.59	129	101057	49.720	ug/l	99
61) 1,2-Dibromoethane	9.68	107	103261	56.036	ug/l	98
64) Tetrachloroethene	9.34	164	85164	44.607	ug/l	95
65) Chlorobenzene	10.15	112	263460	48.118	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	90359	48.593	ug/l	98
67) Ethyl Benzene	10.26	91	462601	49.841	ug/l	100
68) m/p-Xylenes	10.37	106	375849	102.908	ug/l	97
69) o-Xylene	10.71	106	179014	50.622	ug/l	98
70) Styrene	10.72	104	313333	53.550	ug/l	97
71) Bromoform	10.87	173	84375	44.161	ug/l #	96
73) Isopropylbenzene	11.02	105	500310	46.103	ug/l	99
74) N-amyl acetate	6.48	43	211377	44.312	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	181954	47.404	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	206325	58.615	ug/l	82
77) Bromobenzene	11.26	156	126990	43.927	ug/l	98
78) n-propylbenzene	11.37	91	593273	45.848	ug/l	99
79) 2-Chlorotoluene	11.43	91	337449	45.142	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	435738	47.753	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	48403	44.519	ug/l	97
82) 4-Chlorotoluene	11.52	91	420386	47.099	ug/l	98
83) tert-Butylbenzene	11.78	119	434233	47.185	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	452893	47.340	ug/l	99
85) sec-Butylbenzene	11.96	105	532843	46.794	ug/l	100
86) p-Isopropyltoluene	12.07	119	488566	48.311	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	256167	46.864	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271804	47.362	ug/l	99
89) n-Butylbenzene	12.40	91	446964	47.469	ug/l	99
90) Hexachloroethane	12.60	117	77371	48.607	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	259847	48.488	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51656	48.254	ug/l	99

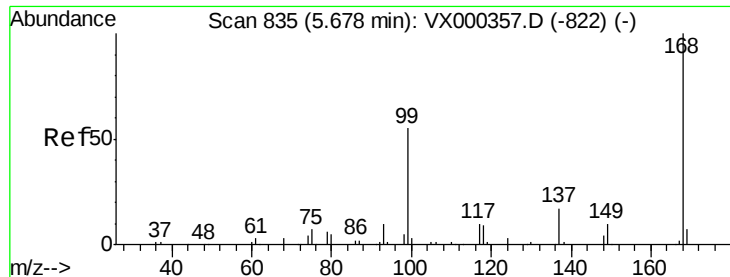
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180210	46.907	ug/l	100
94) Hexachlorobutadiene	13.79	225	68932	43.333	ug/l	97
95) Naphthalene	13.84	128	659277	49.262	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	180331	47.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

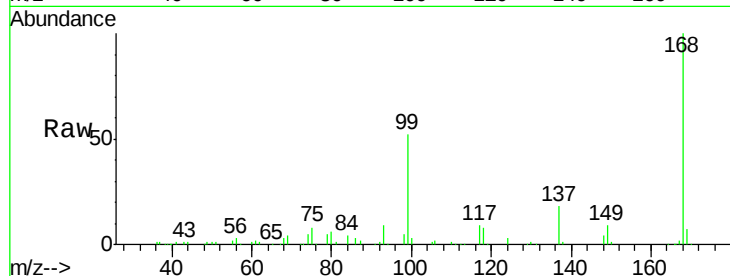
ClientSampled :

Tot Ion:168 Resp: 133015

Ion Ratio Lower Upper

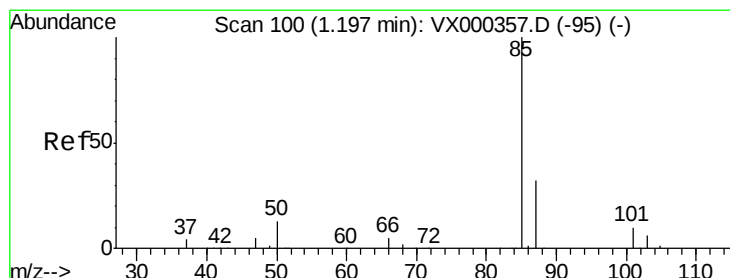
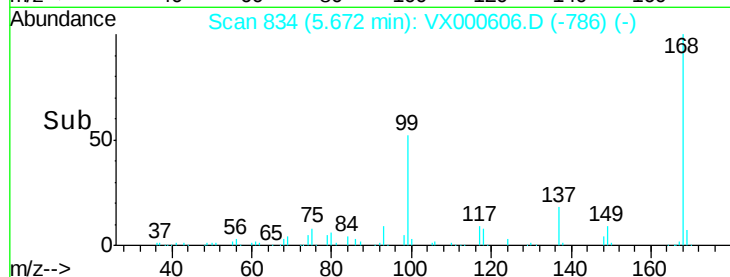
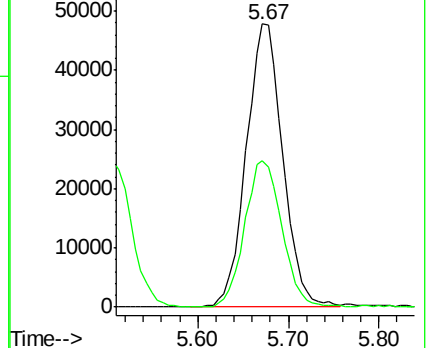
168 100

99 51.4 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: 36.692 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000606.D

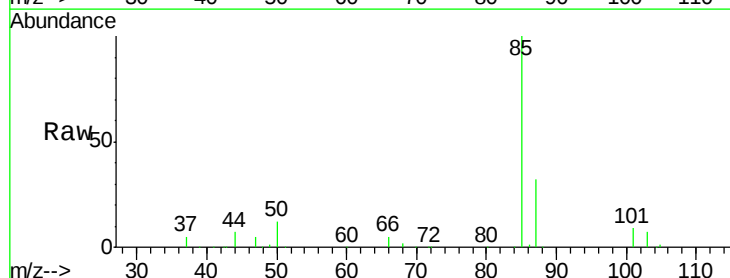
Acq: 31 Mar 2018 20:50

Tgt Ion: 85 Resp: 53789

Ion Ratio Lower Upper

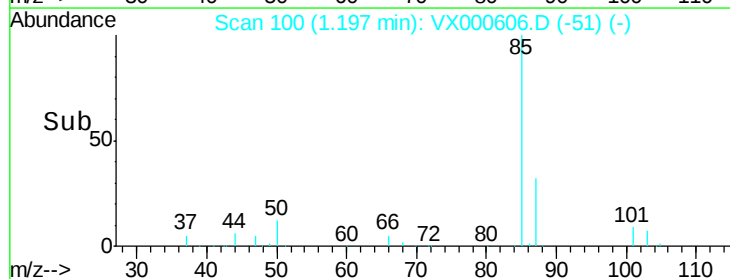
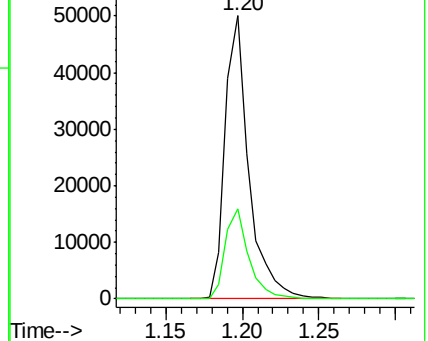
85 100

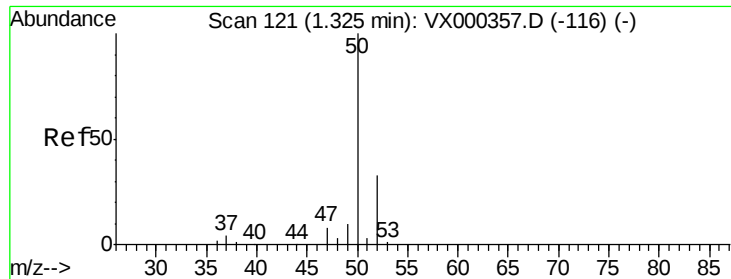
87 32.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 34.323 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

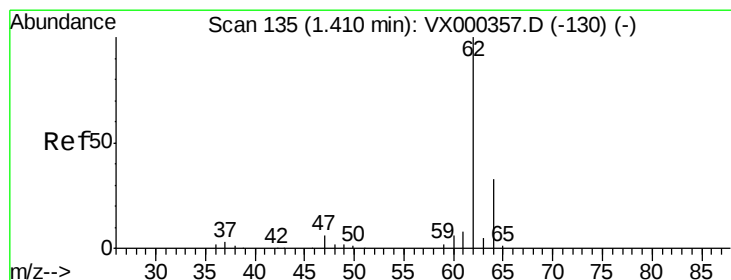
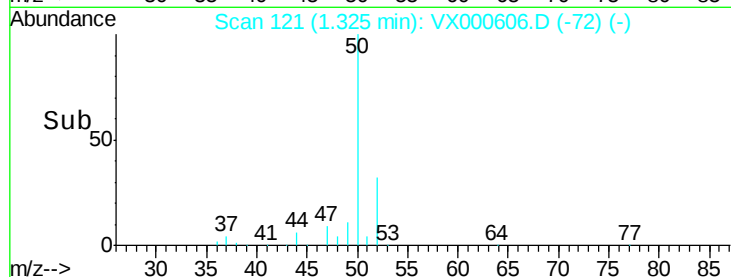
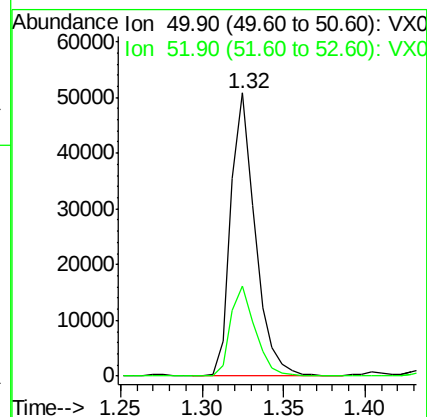
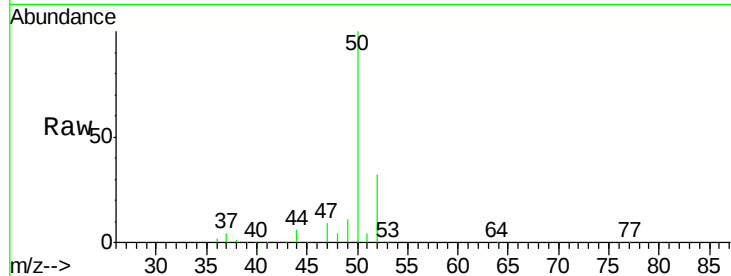
ClientSampleId :

Tot Ion: 50 Resp: 53007

Ion Ratio Lower Upper

50 100

52 31.9 27.5 41.3



#4

Vinyl Chloride

Concen: 46.543 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000606.D

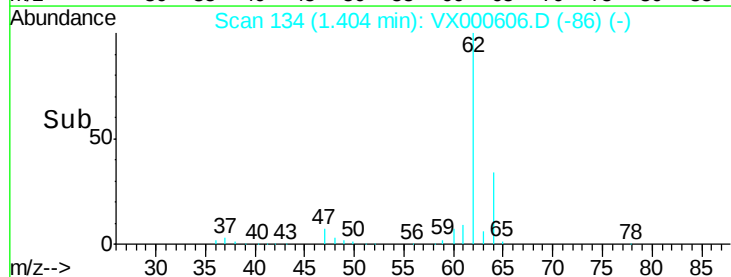
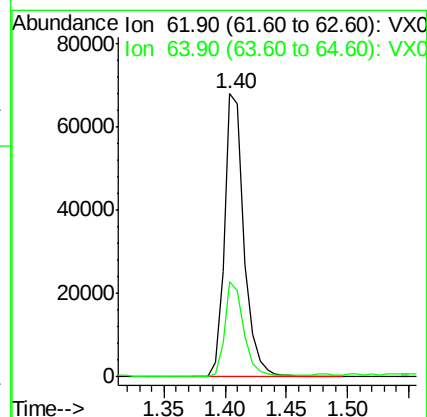
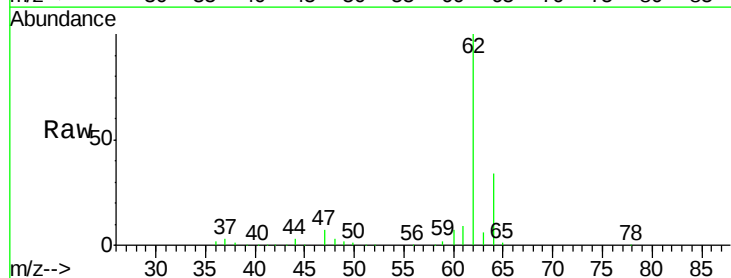
Acq: 31 Mar 2018 20:50

Tgt Ion: 62 Resp: 75951

Ion Ratio Lower Upper

62 100

64 33.8 24.8 37.2





#5

Bromomethane

Concen: 37.728 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

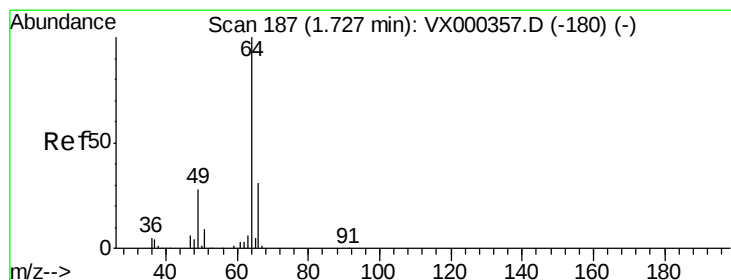
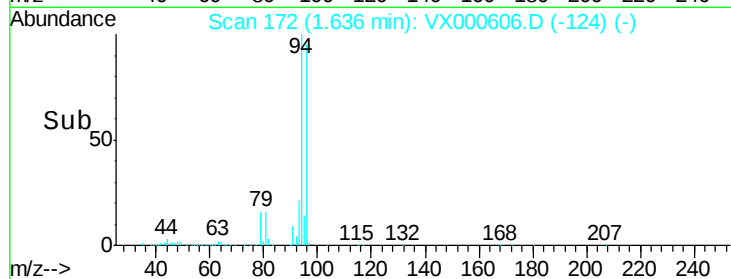
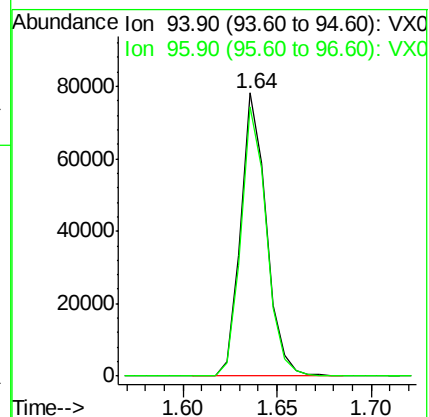
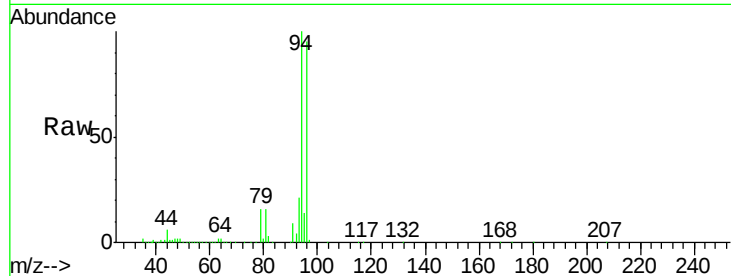
ClientSampleId :

Tot Ion: 94 Resp: 73685

Ion Ratio Lower Upper

94 100

96 95.2 77.7 116.5



#6

Chloroethane

Concen: 61.759 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000606.D

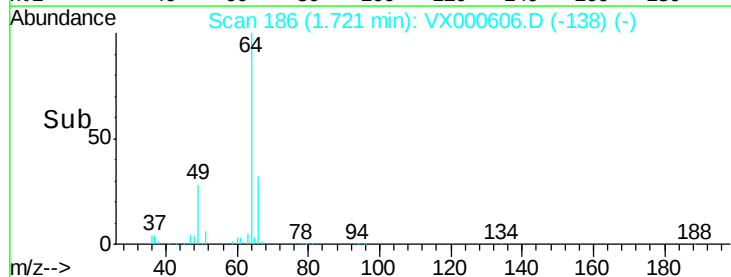
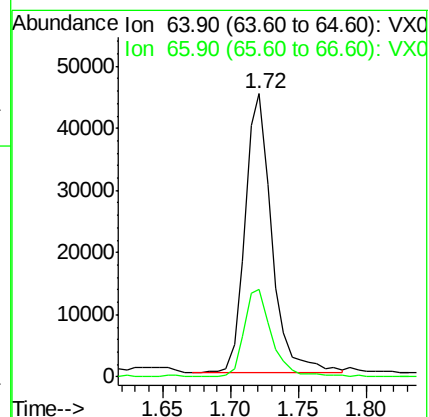
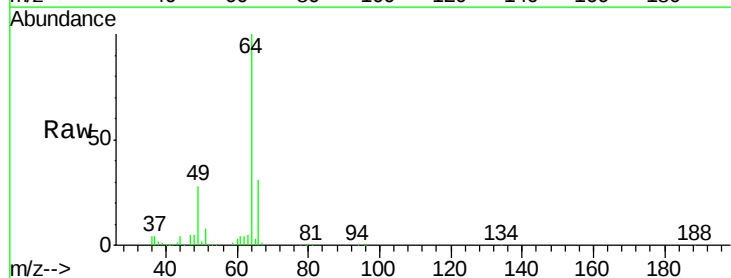
Acq: 31 Mar 2018 20:50

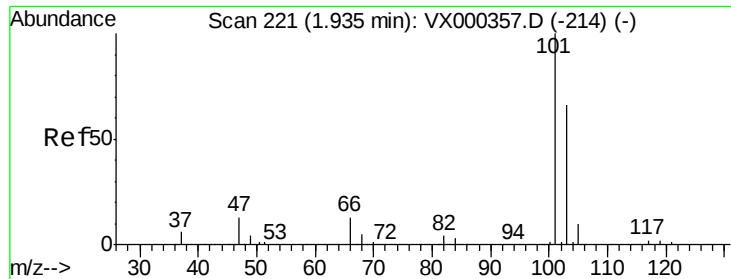
Tgt Ion: 64 Resp: 61817

Ion Ratio Lower Upper

64 100

66 31.2 24.8 37.2



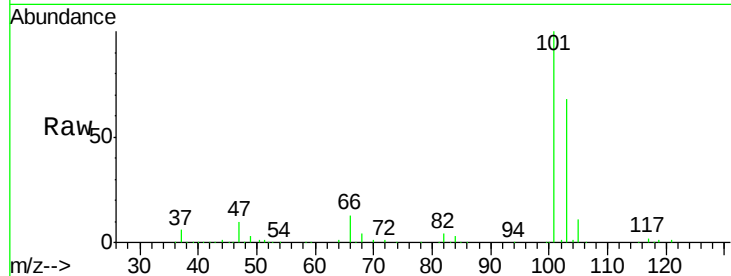


#7

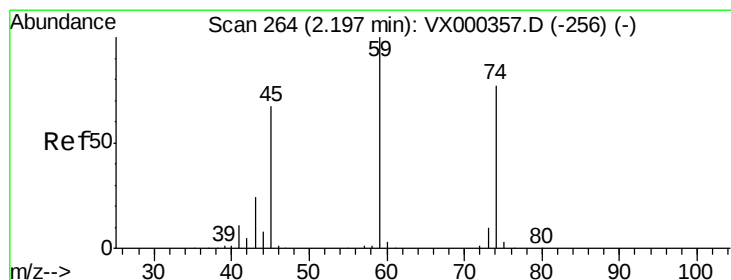
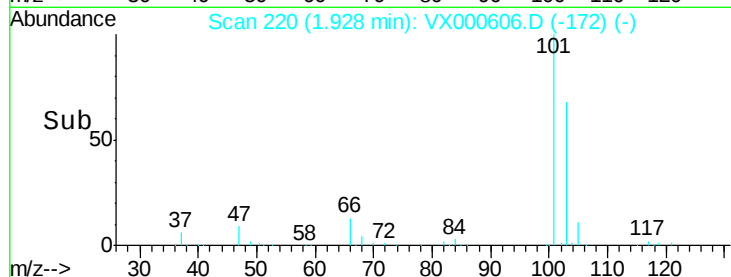
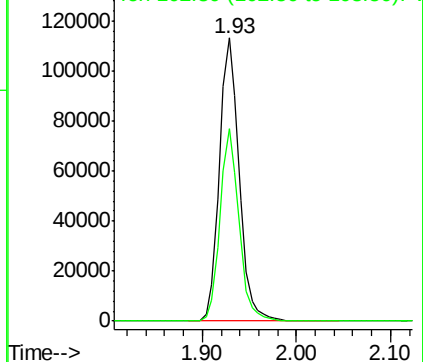
Trichlorofluoromethane
 Concen: 56.216 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 165575
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.6 77.4



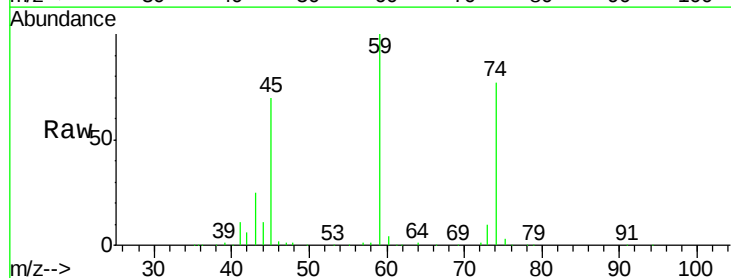
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



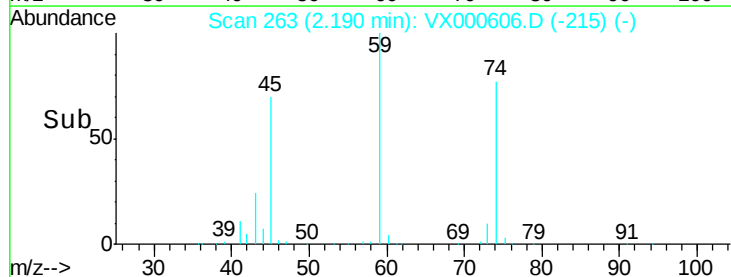
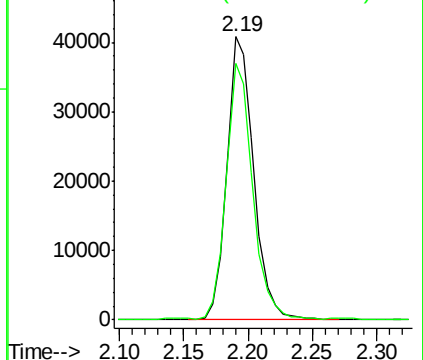
#8

Diethyl Ether
 Concen: 56.485 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 74 Resp: 59455
 Ion Ratio Lower Upper
 74 100
 45 89.3 45.1 135.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.288 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

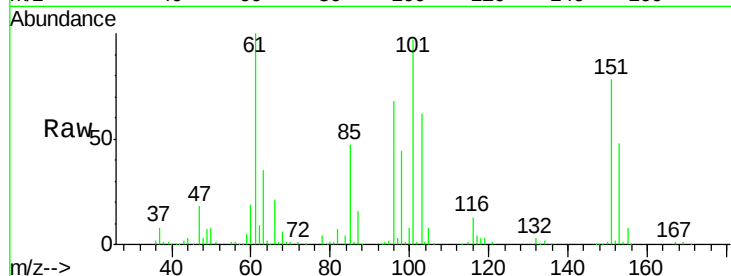
Tot Ion:101 Resp: 87519

Ion Ratio Lower Upper

101 100

85 48.5 37.6 56.4

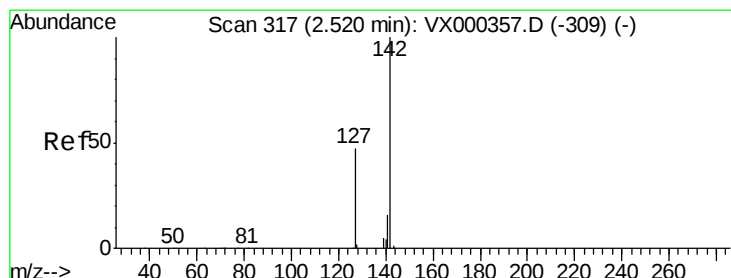
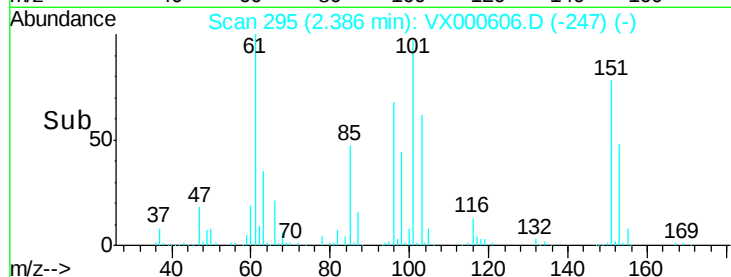
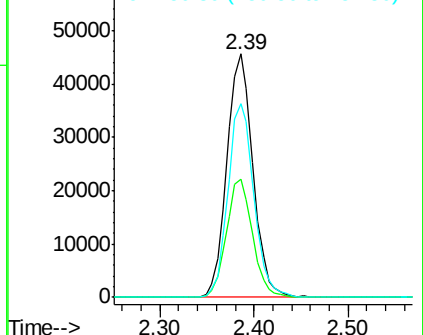
151 79.5 62.6 93.8



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: 15.509 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

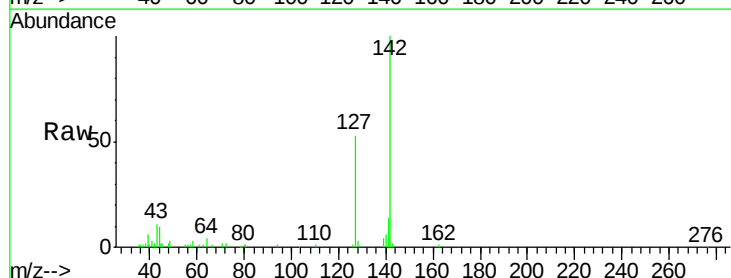
Tgt Ion:142 Resp: 19990

Ion Ratio Lower Upper

142 100

127 53.9 39.2 58.8

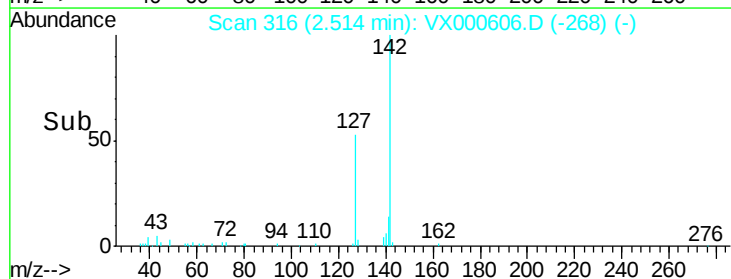
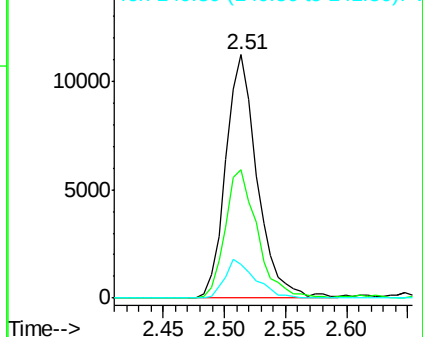
141 15.3 11.7 17.5

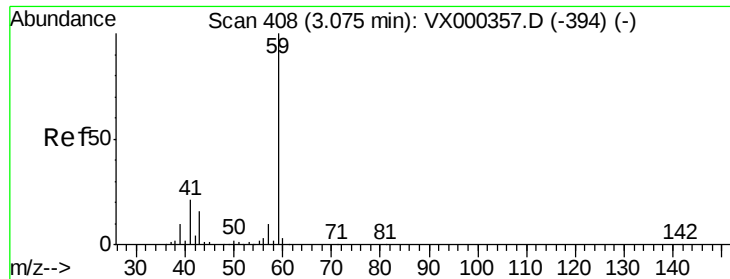


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

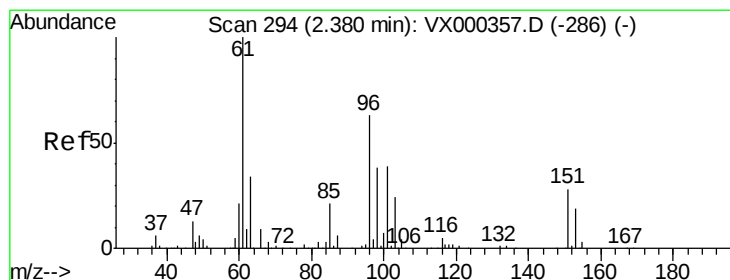
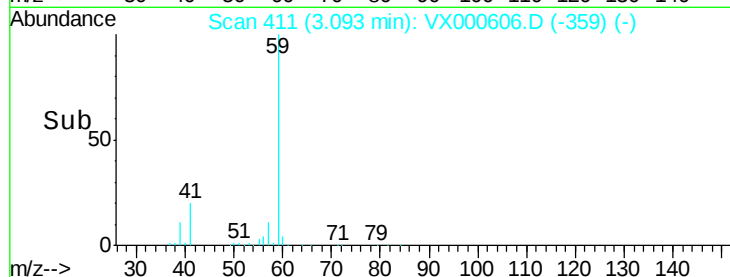
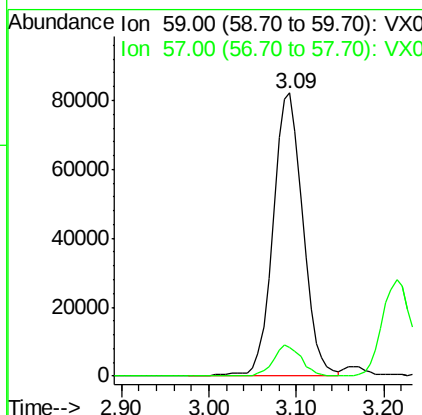
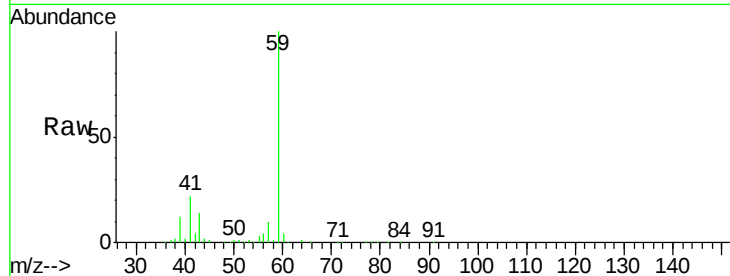




#11
Tert butyl alcohol
Concen: 327.177 ug/l
RT: 3.09 min Scan# 411
Delta R.T. 0.02 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

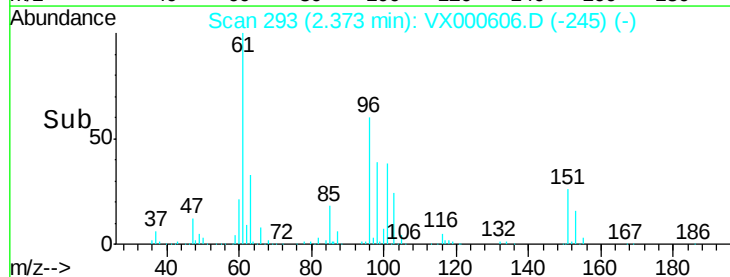
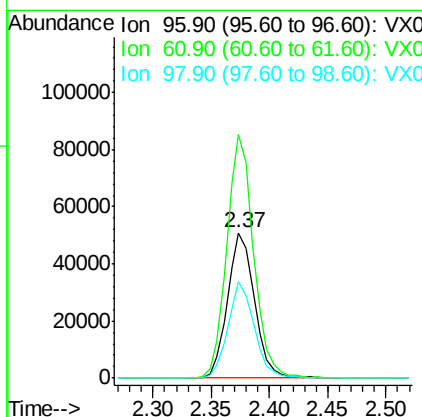
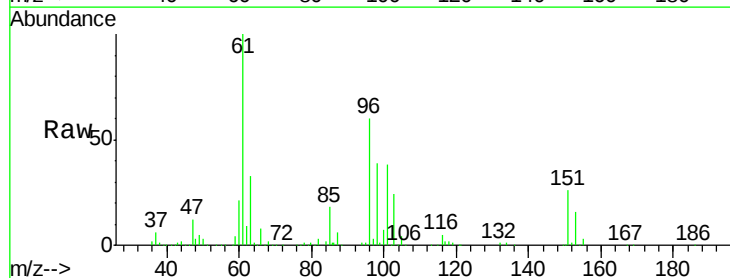
Instrument :
MSVOA_X
ClientSampled :

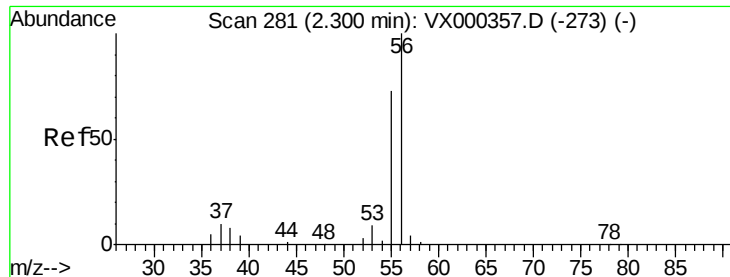
Tot Ion: 59 Resp: 195407
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 56.890 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 96 Resp: 82022
Ion Ratio Lower Upper
96 100
61 167.0 131.2 196.8
98 65.9 49.8 74.8

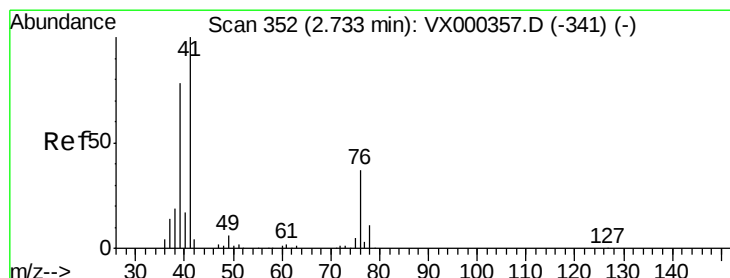
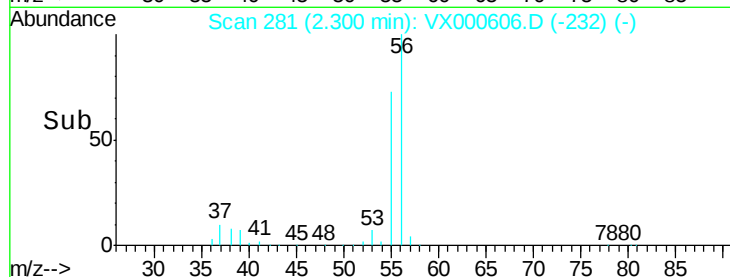
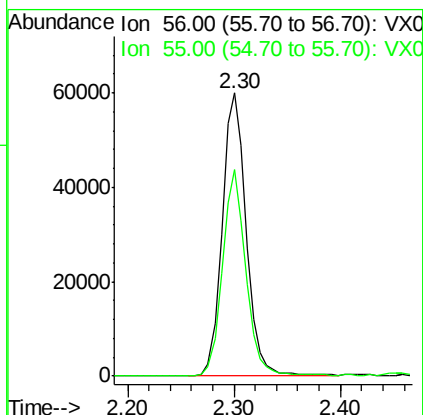
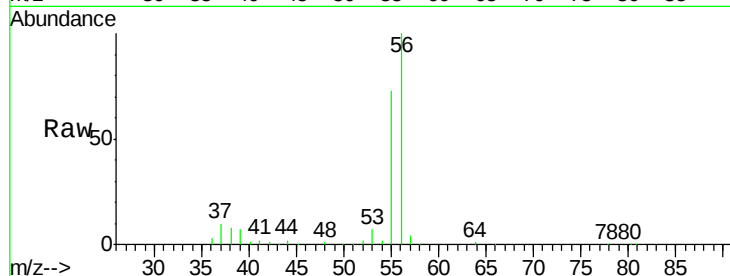




#13
 Acrolein
 Concen: 482.320 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

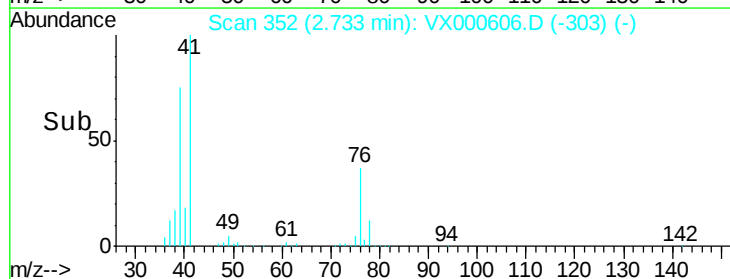
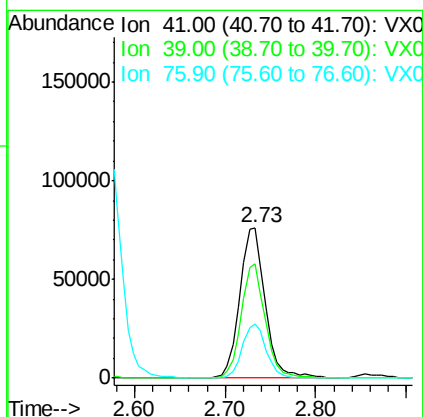
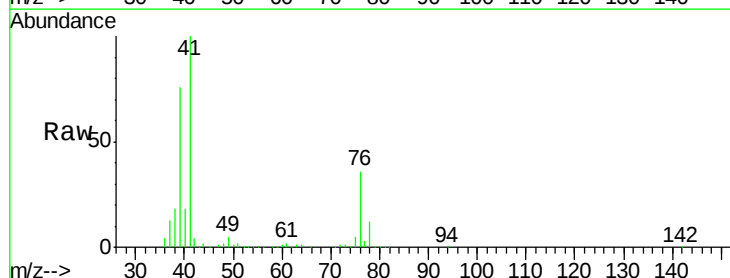
Instrument :
 MSVOA_X
 ClientSampleId :

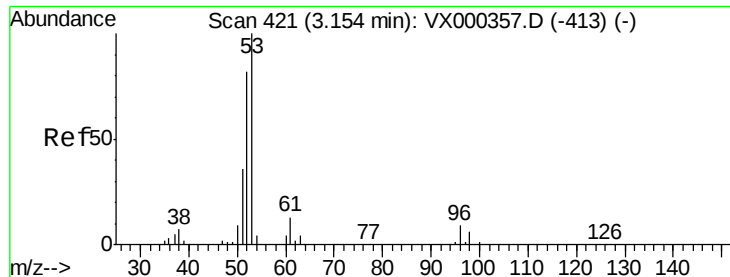
Tot Ion: 56 Resp: 94720
 Ion Ratio Lower Upper
 56 100
 55 70.4 58.8 88.2



#14
 Allyl chloride
 Concen: 58.160 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 41 Resp: 148057
 Ion Ratio Lower Upper
 41 100
 39 70.7 57.6 86.4
 76 34.1 27.3 40.9





#15

Acrylonitrile

Concen: 298.853 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

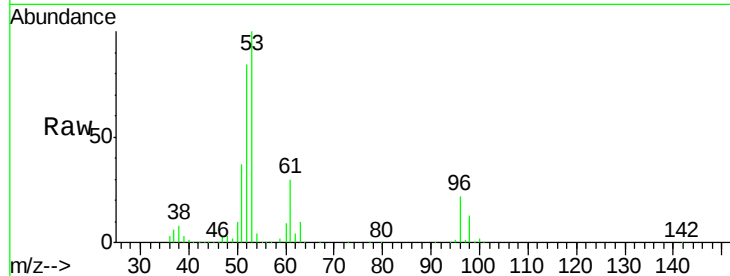
Tot Ion: 53 Resp: 361509

Ion Ratio Lower Upper

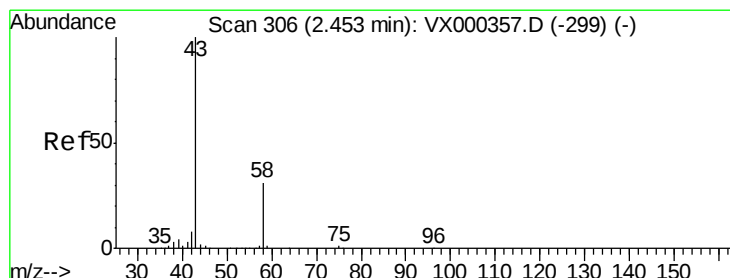
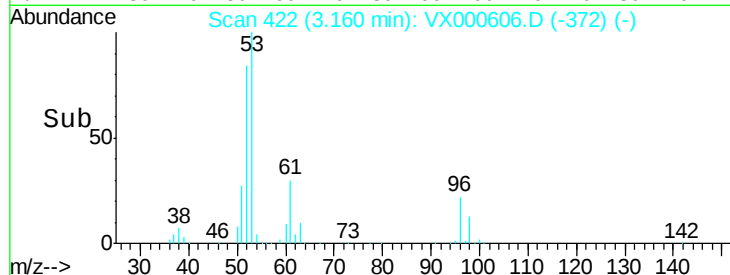
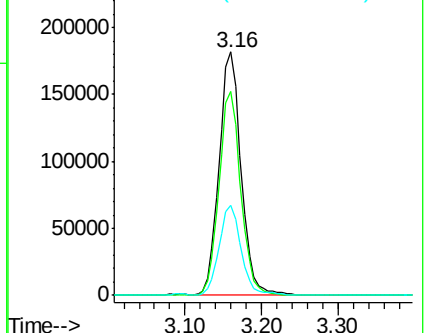
53 100

52 82.4 66.6 99.8

51 37.3 29.3 43.9



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



#16

Acetone

Concen: 243.175 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000606.D

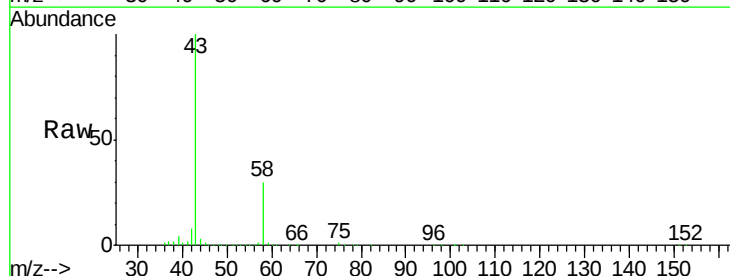
Acq: 31 Mar 2018 20:50

Tgt Ion: 43 Resp: 351241

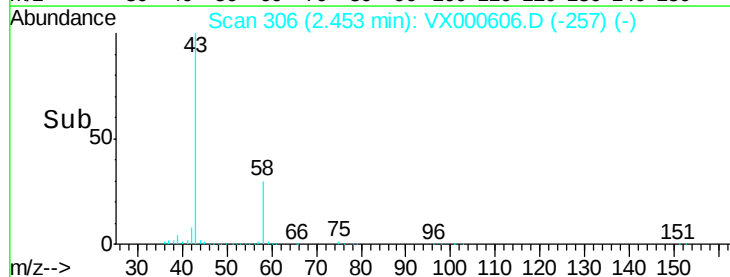
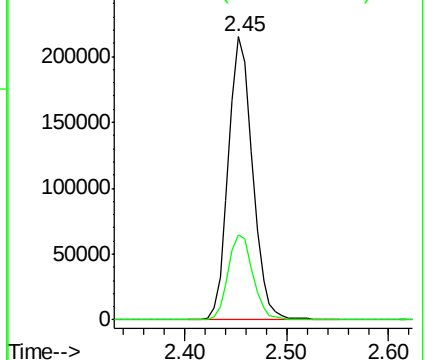
Ion Ratio Lower Upper

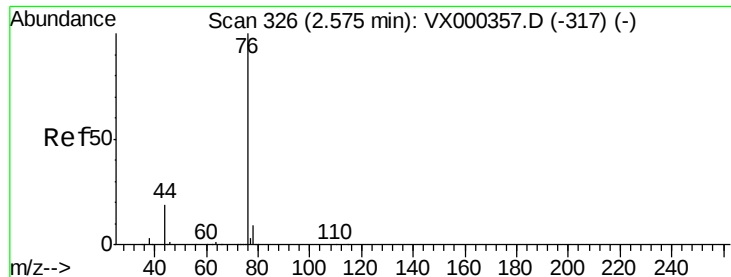
43 100

58 30.1 24.7 37.1



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

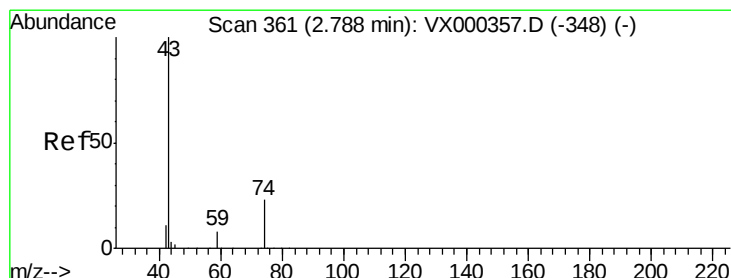
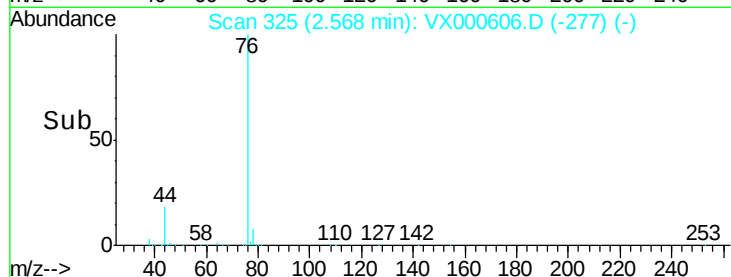
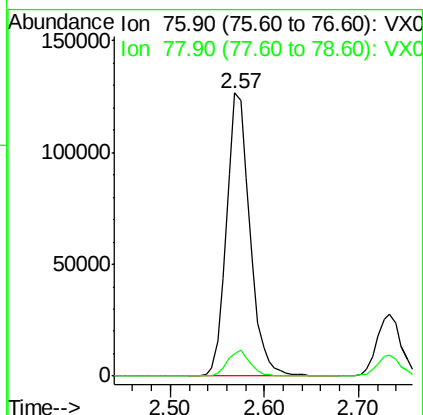
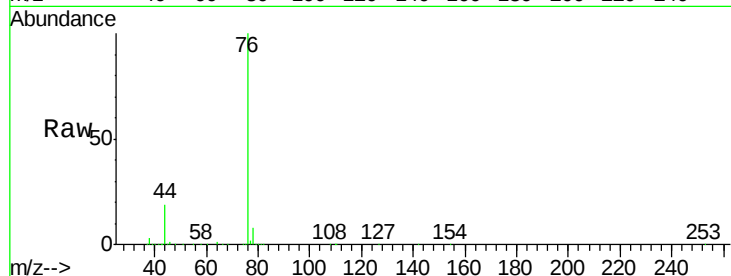




#17
Carbon Disulfide
Concen: 57.018 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

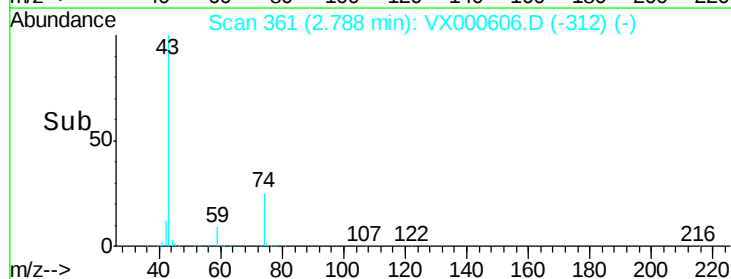
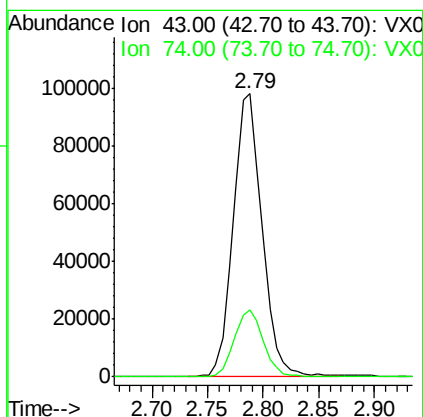
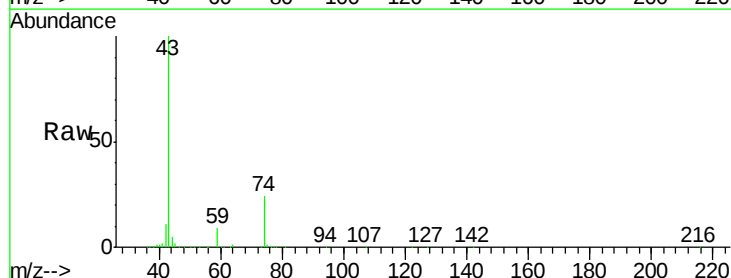
Instrument :
MSVOA_X
ClientSampleId :

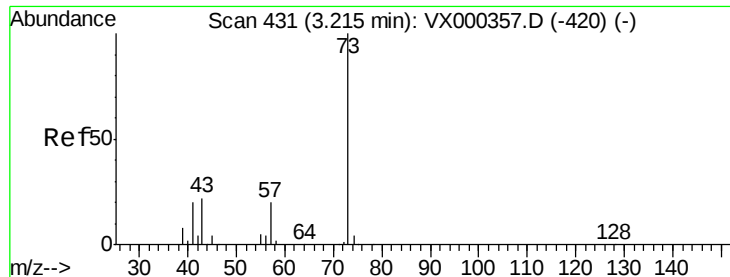
Tot Ion: 76 Resp: 218686
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6



#18
Methyl Acetate
Concen: 57.850 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 43 Resp: 175180
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2

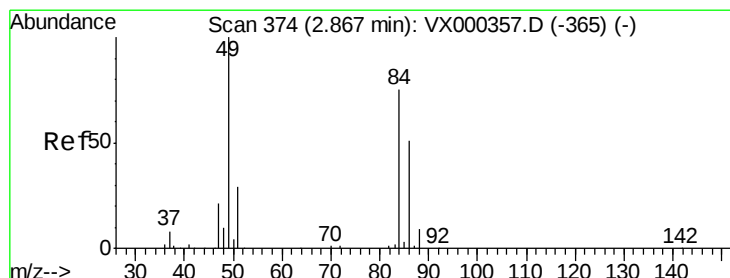
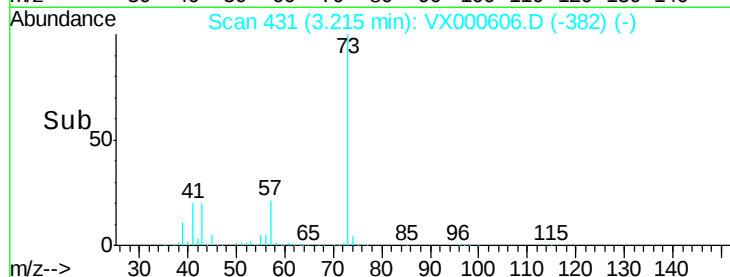
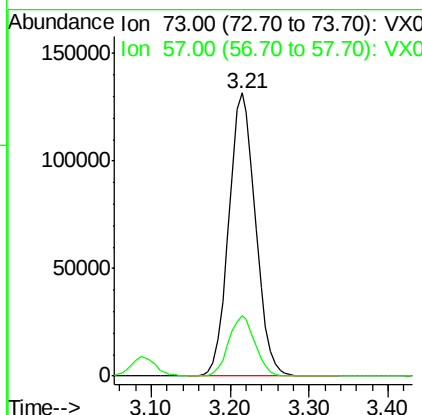
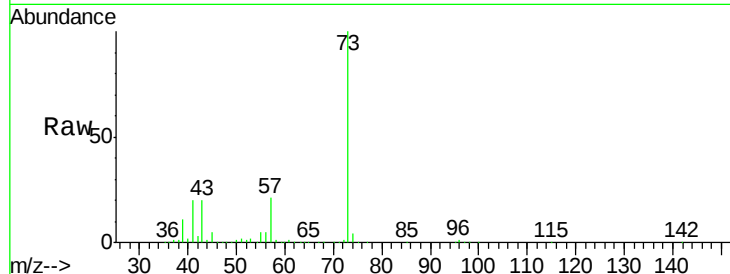




#19
Methyl tert-butyl Ether
Concen: 58.001 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

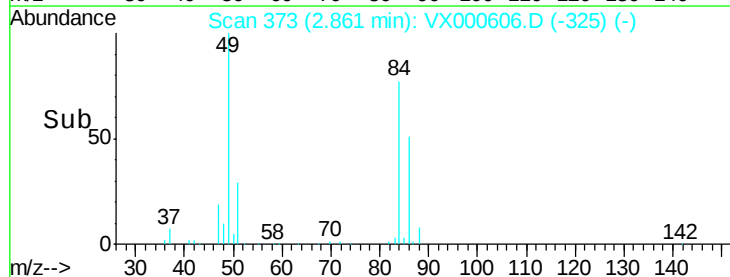
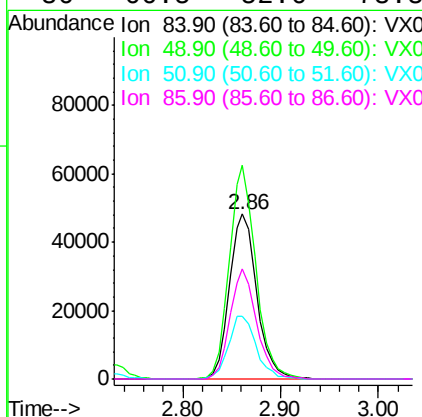
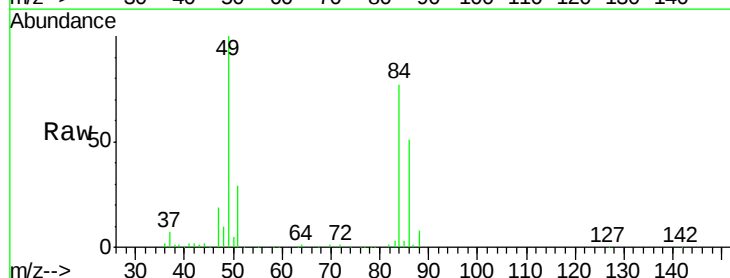
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 73 Resp: 309278
Ion Ratio Lower Upper
73 100
57 21.3 17.2 25.8



#20
Methylene Chloride
Concen: 56.094 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 84 Resp: 93582
Ion Ratio Lower Upper
84 100
49 129.4 100.6 151.0
51 37.7 31.6 47.4
86 66.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 59.622 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

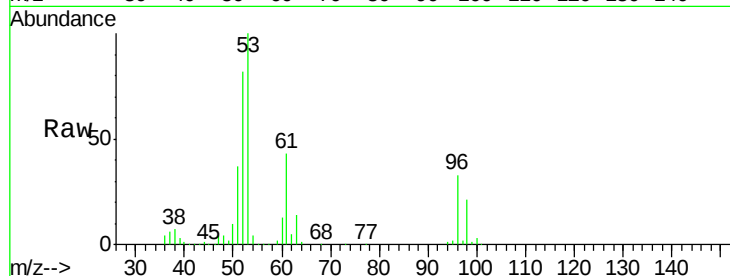
Tot Ion: 96 Resp: 95890

Ion Ratio Lower Upper

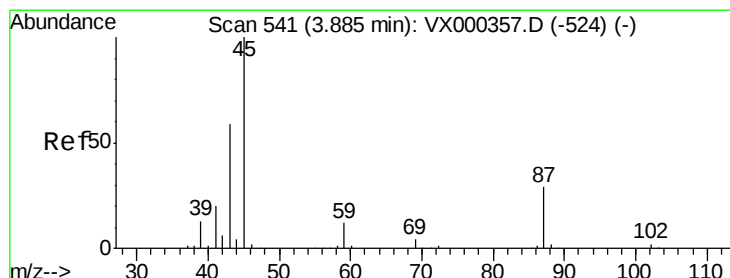
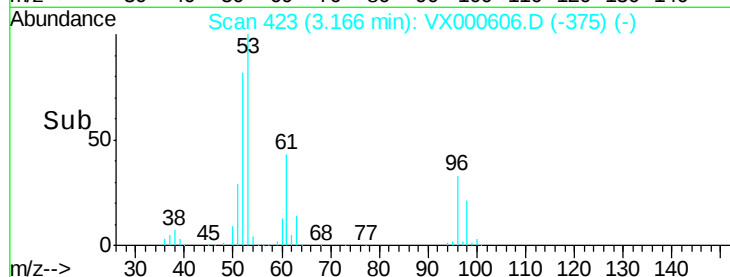
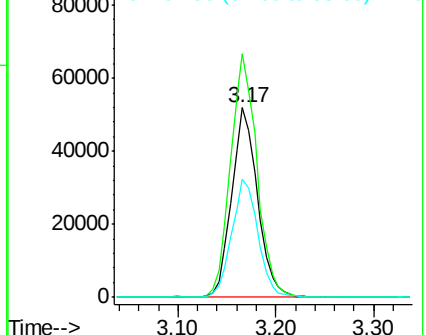
96 100

61 128.3 104.0 156.0

98 62.1 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: 46.008 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Tgt Ion: 45 Resp: 207357

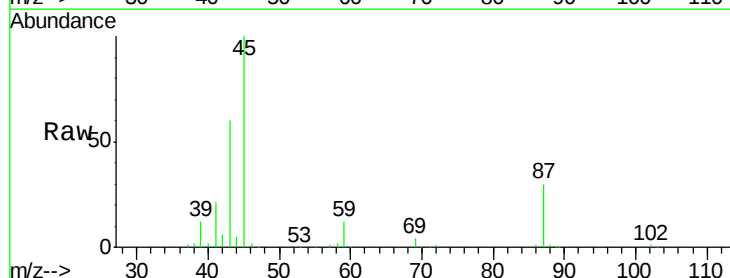
Ion Ratio Lower Upper

45 100

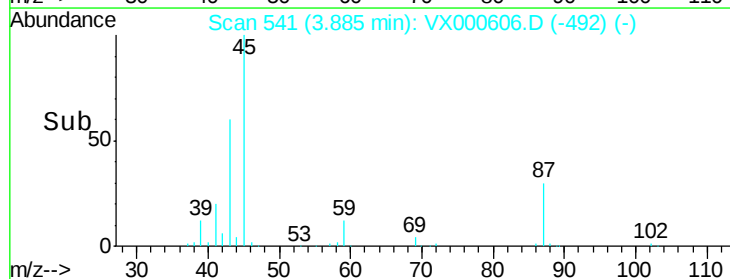
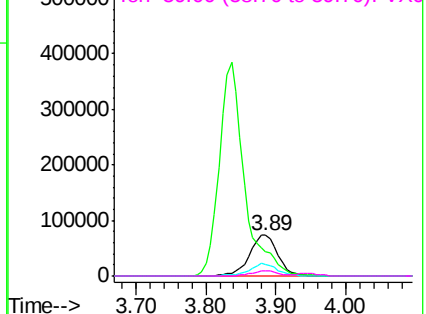
43 60.1 53.9 80.9

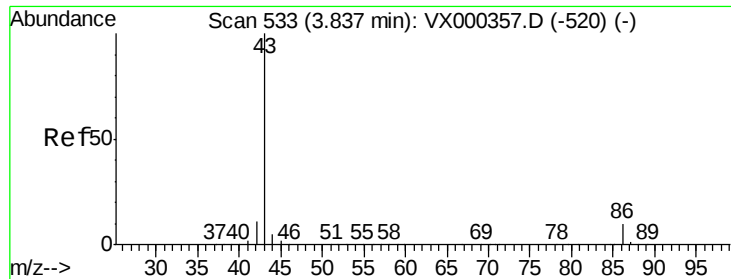
87 29.7 22.6 34.0

59 11.6 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: 225.590 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

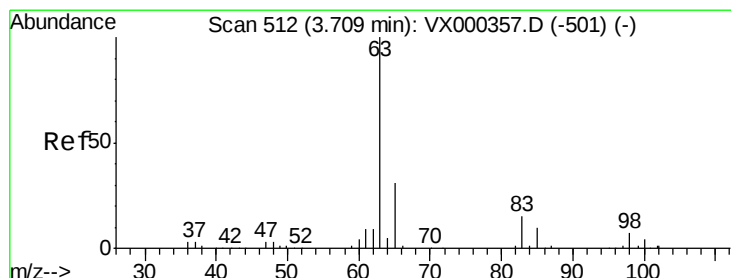
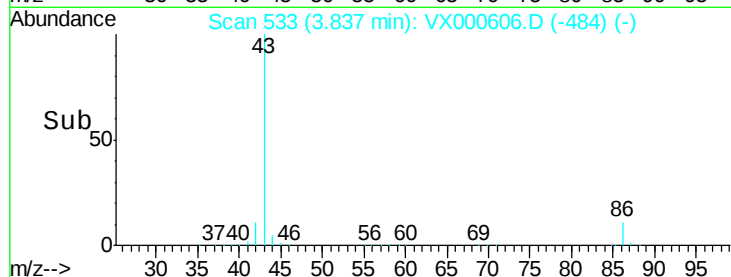
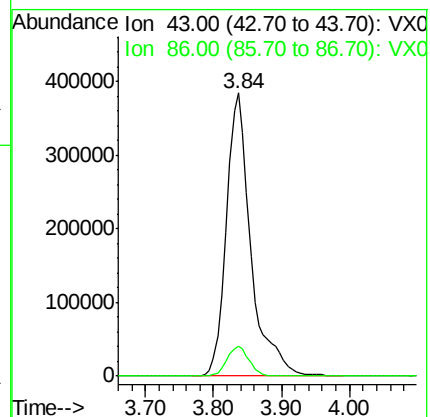
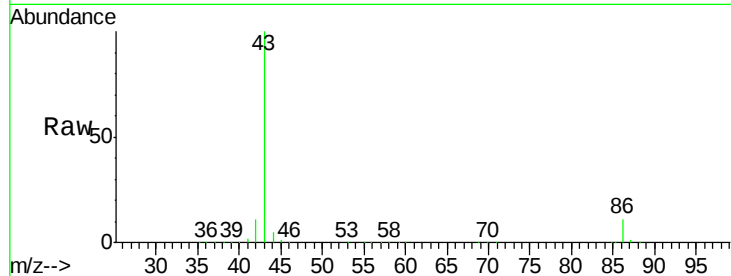
ClientSampleId :

Tot Ion: 43 Resp: 963868

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 36.351 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

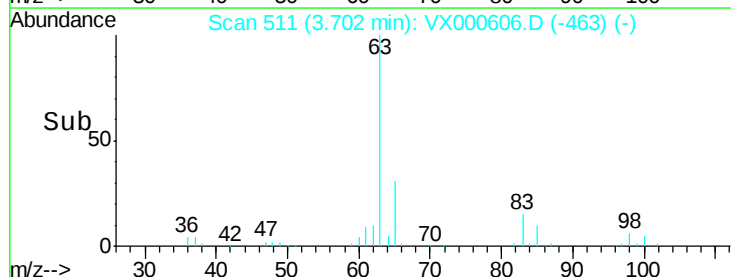
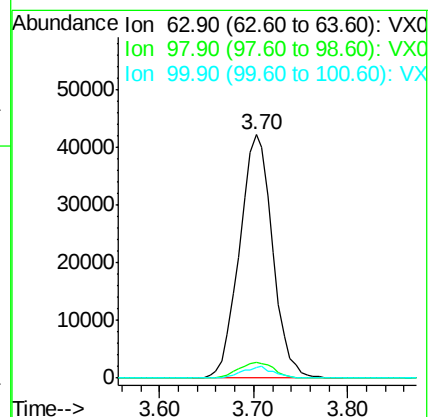
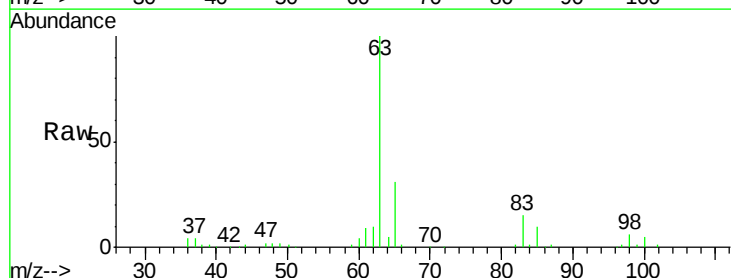
Tgt Ion: 63 Resp: 103007

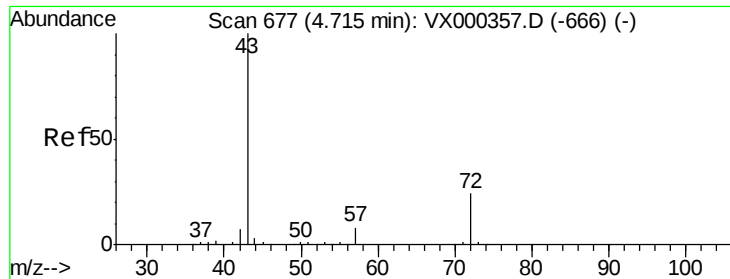
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.9

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 244.683 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

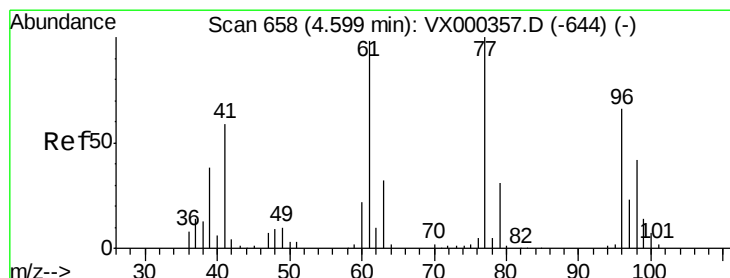
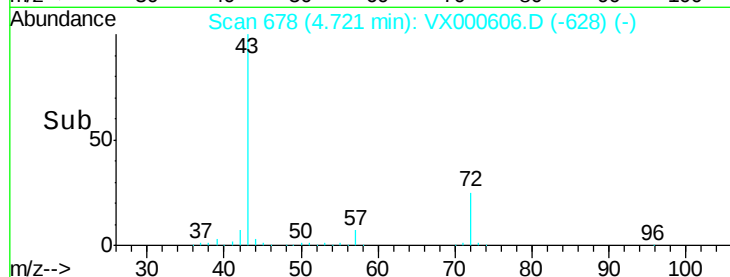
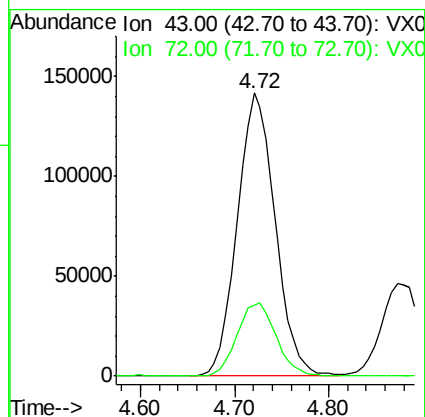
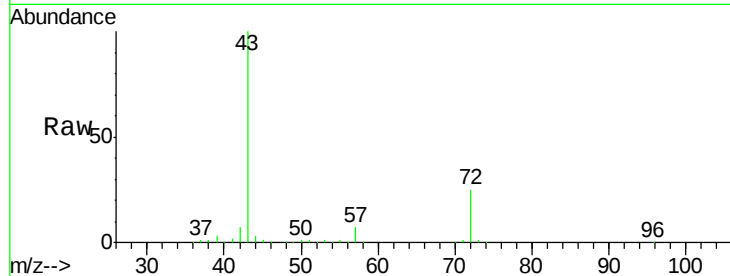
ClientSampled :

Tot Ion: 43 Resp: 397249

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 40.822 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000606.D

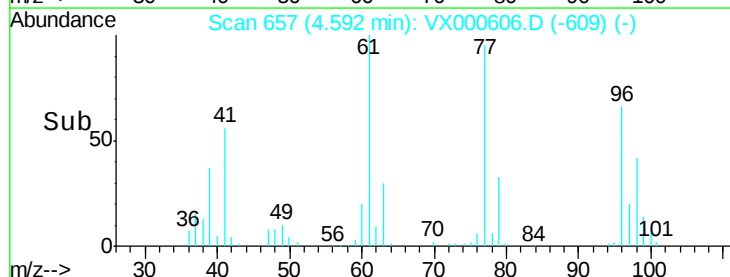
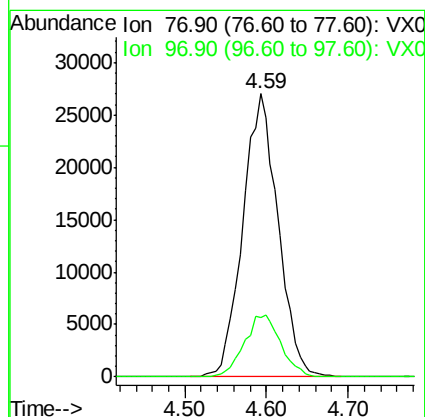
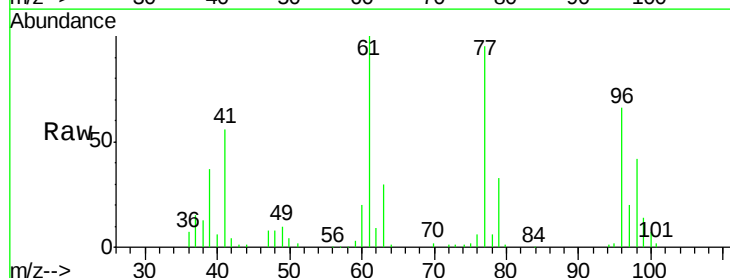
Acq: 31 Mar 2018 20:50

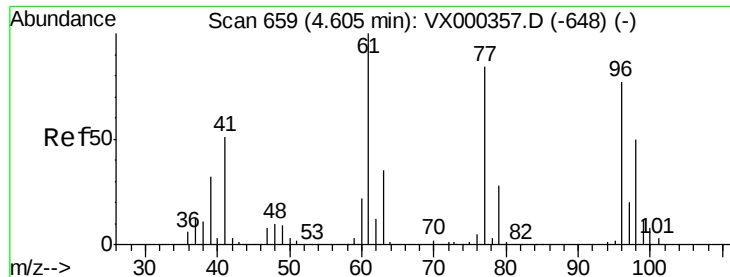
Tgt Ion: 77 Resp: 81076

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.8



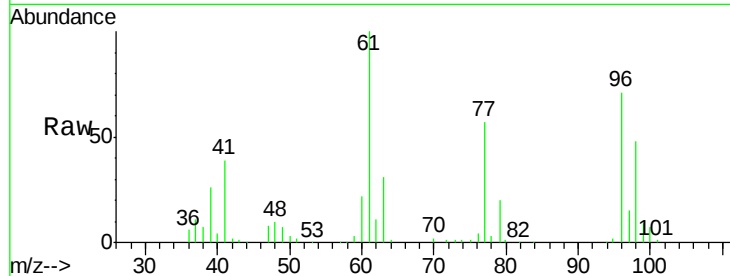


#27

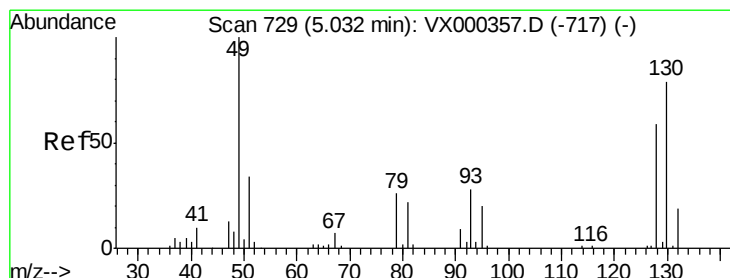
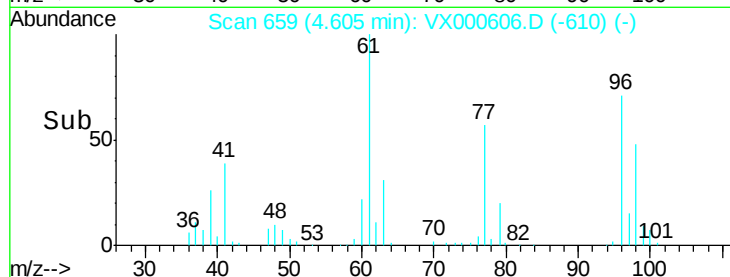
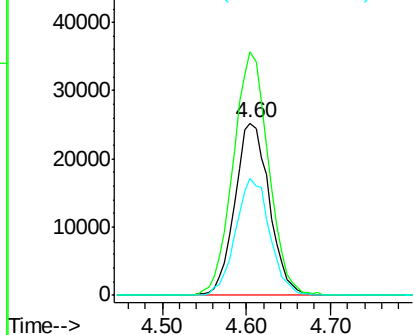
cis-1,2-Dichloroethene
Concen: 46.594 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 70037
Ion Ratio Lower Upper
96 100
61 144.8 0.0 291.6
98 66.9 0.0 132.0



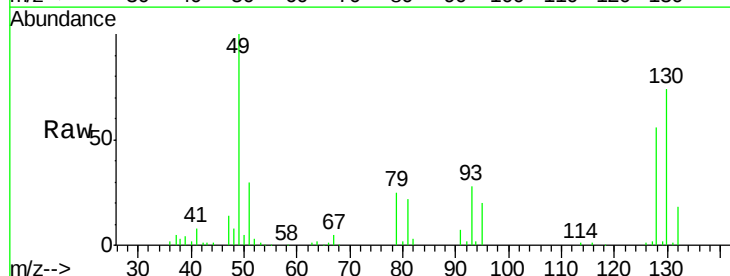
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



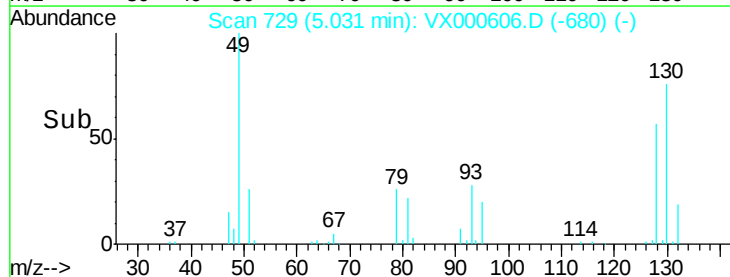
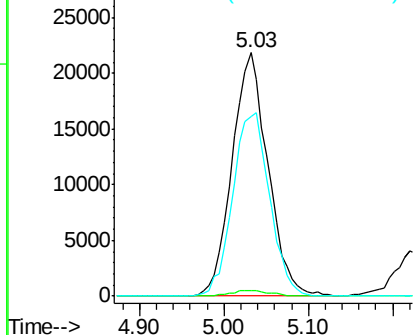
#28

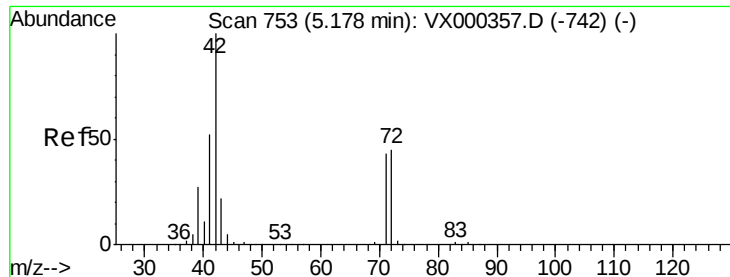
Bromochloromethane
Concen: 53.857 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 49 Resp: 62932
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.0
130 77.4 64.0 96.0



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

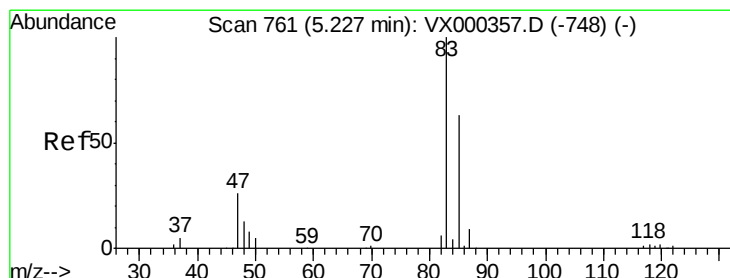
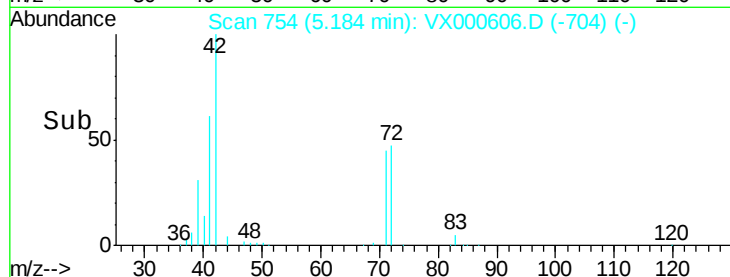
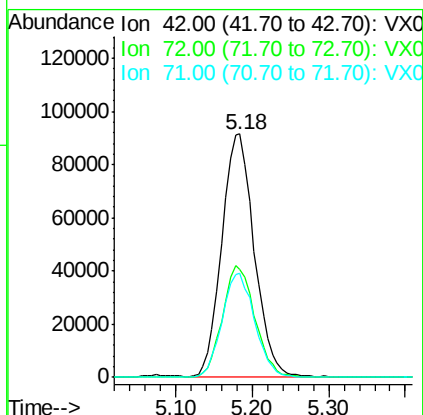
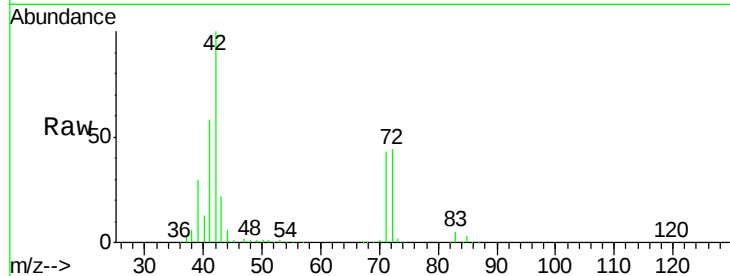




#29
Tetrahydrofuran
Concen: 268.940 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

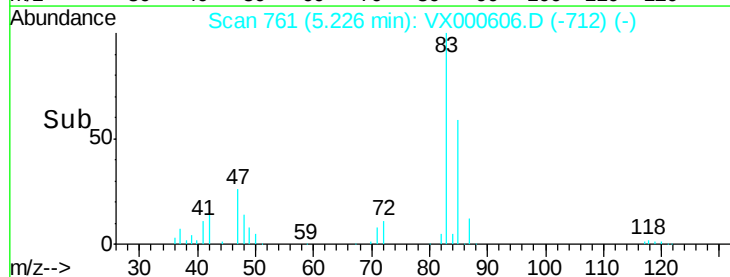
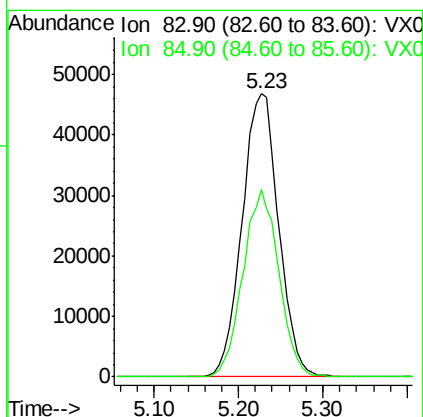
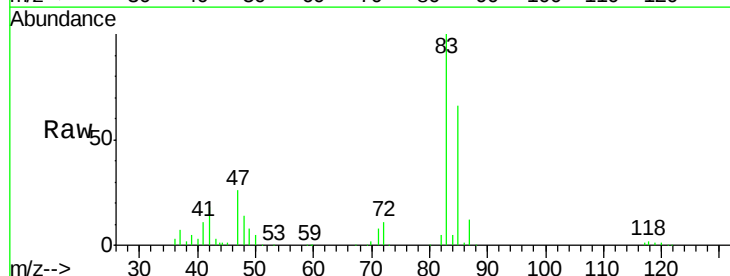
Instrument :
MSVOA_X
ClientSampleId :

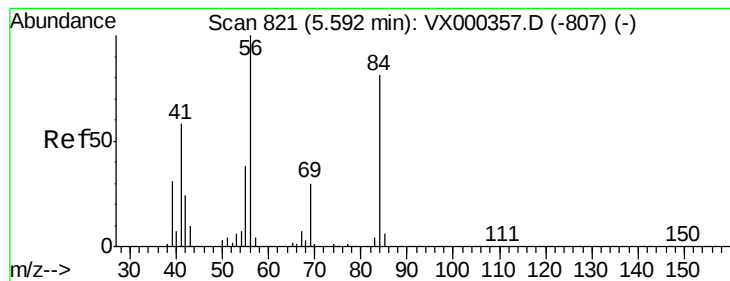
Tot Ion: 42 Resp: 268644
Ion Ratio Lower Upper
42 100
72 46.1 37.9 56.9
71 43.1 34.4 51.6



#30
Chloroform
Concen: 51.726 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 83 Resp: 137368
Ion Ratio Lower Upper
83 100
85 66.2 53.3 79.9





#31

Cyclohexane

Concen: 48.477 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

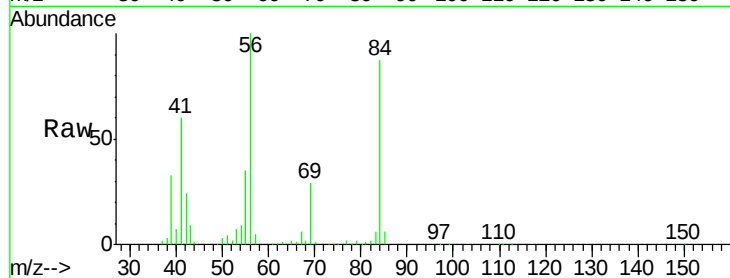
Tot Ion: 56 Resp: 106194

Ion Ratio Lower Upper

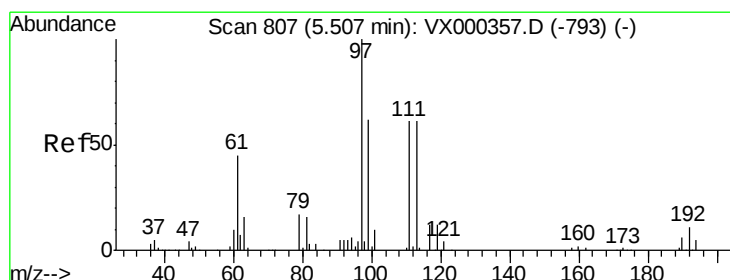
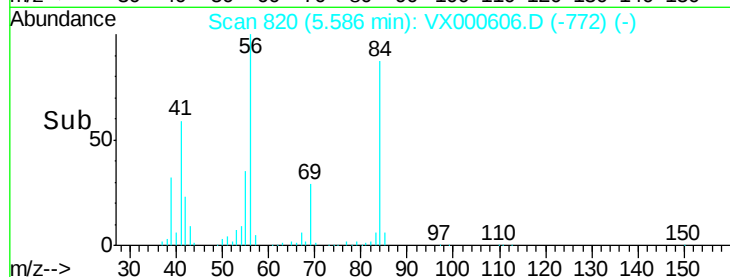
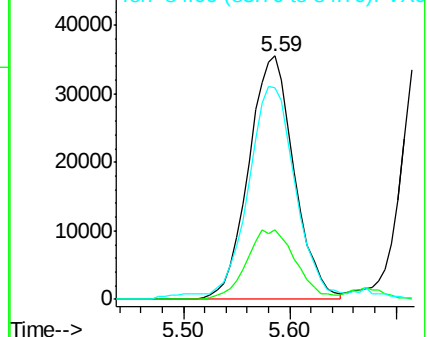
56 100

69 28.6 23.4 35.0

84 84.8 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: 49.602 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

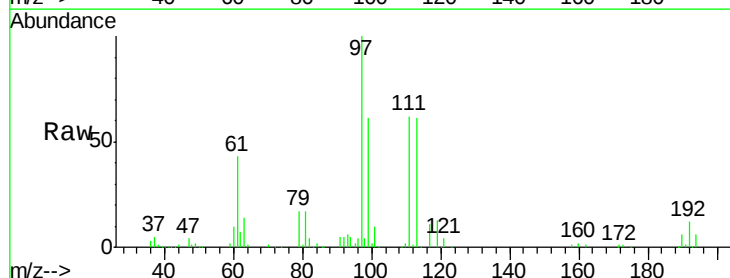
Tgt Ion: 97 Resp: 118836

Ion Ratio Lower Upper

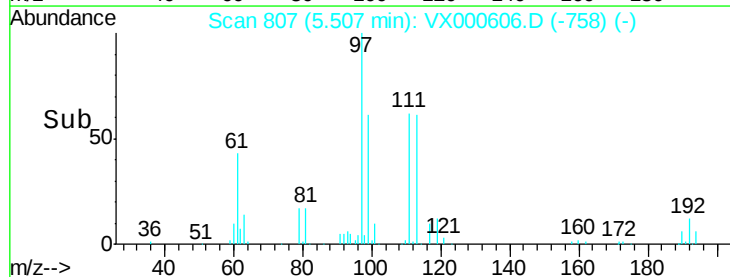
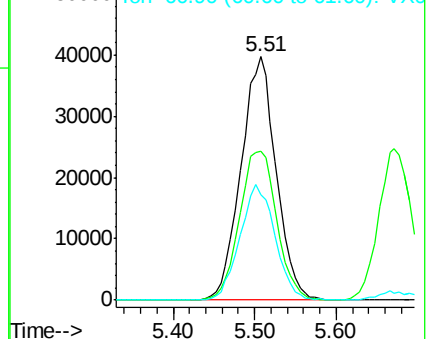
97 100

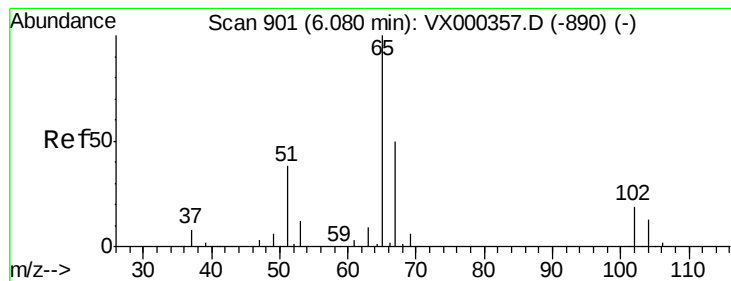
99 64.8 52.1 78.1

61 47.6 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: 52.735 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

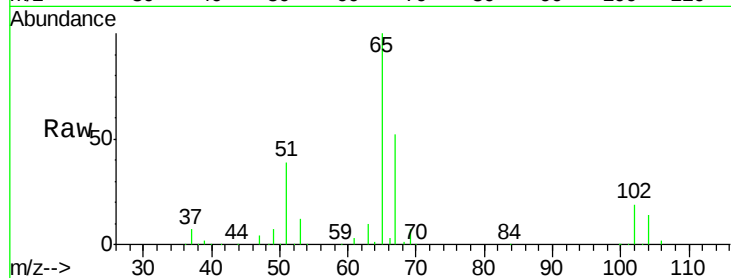
ClientSampleId :

Tot Ion: 65 Resp: 91564

Ion Ratio Lower Upper

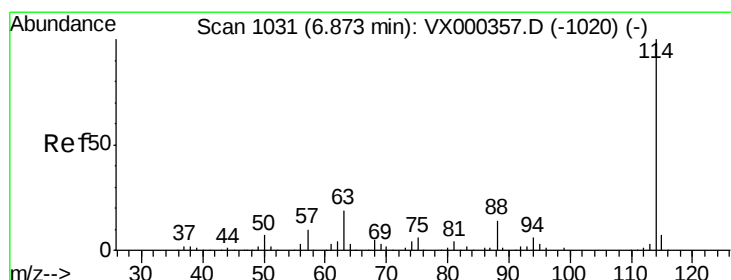
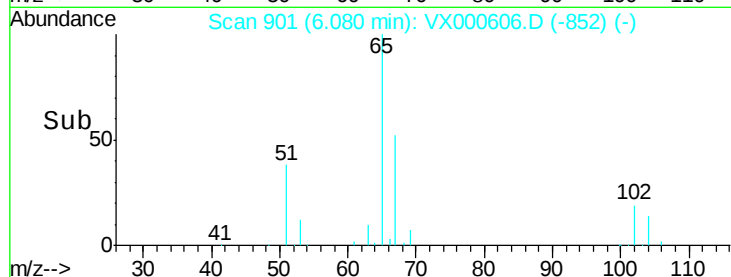
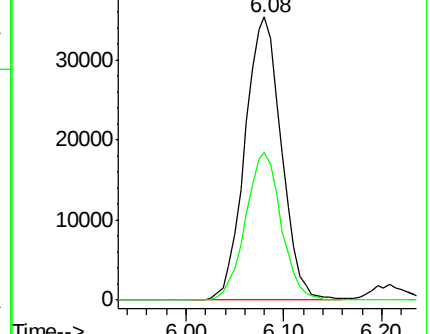
65 100

67 51.0 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: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

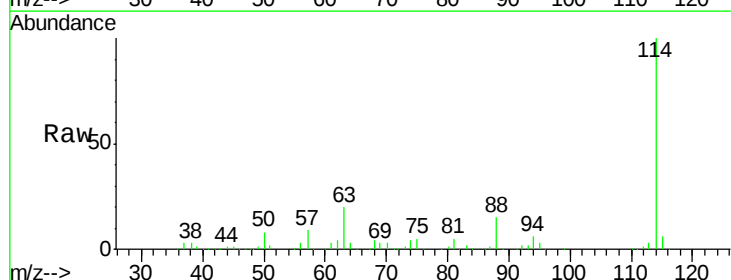
Tgt Ion:114 Resp: 219731

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

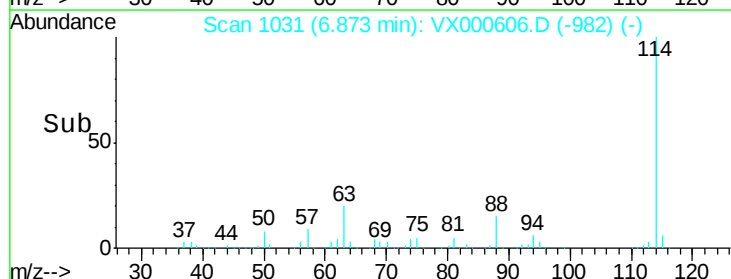
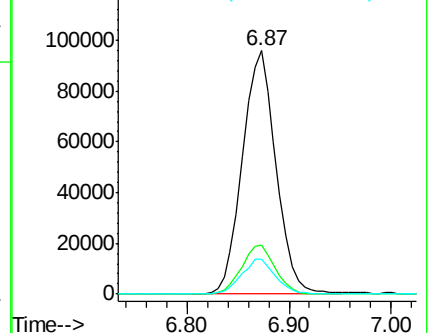
88 14.5 0.0 27.0



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

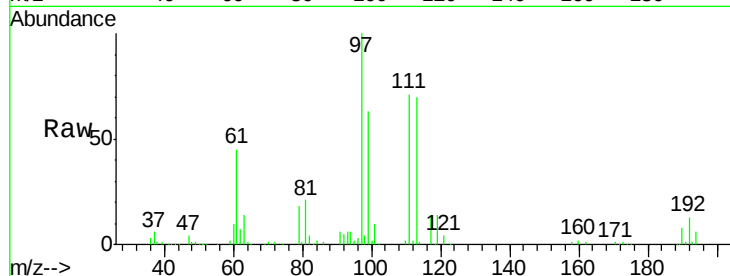




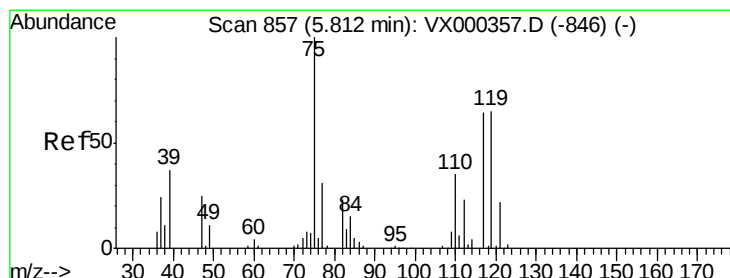
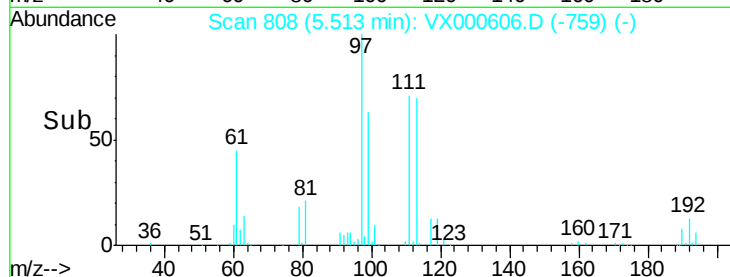
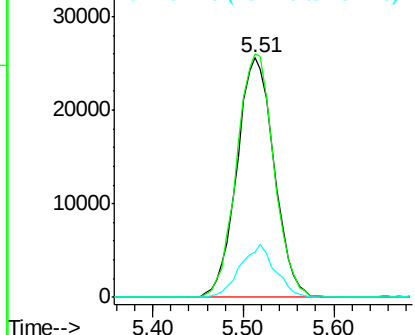
#35
 Dibromofluoromethane
 Concen: 52.561 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 72771
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 20.7 15.8 23.6

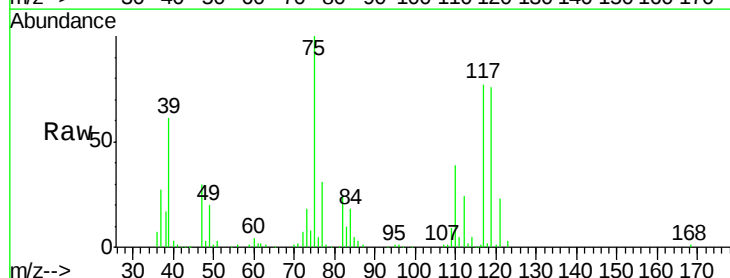


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

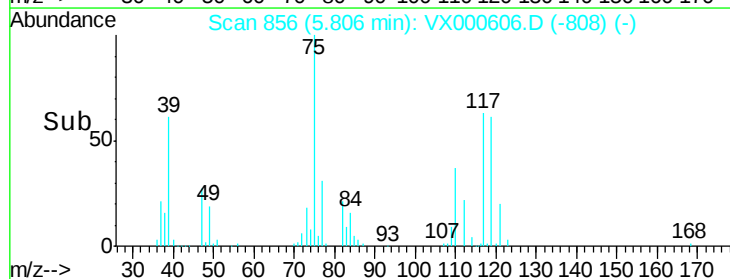
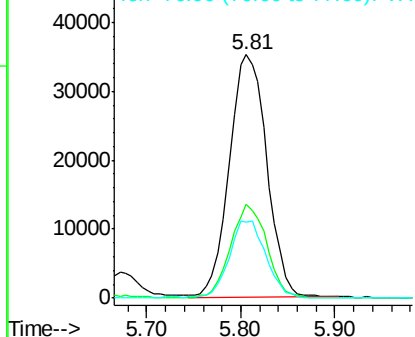


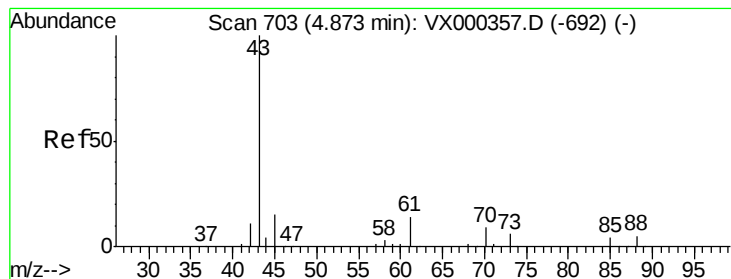
#36
 1,1-Dichloropropene
 Concen: 47.228 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 75 Resp: 97208
 Ion Ratio Lower Upper
 75 100
 110 37.6 17.9 53.7
 77 31.5 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.352 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampled :

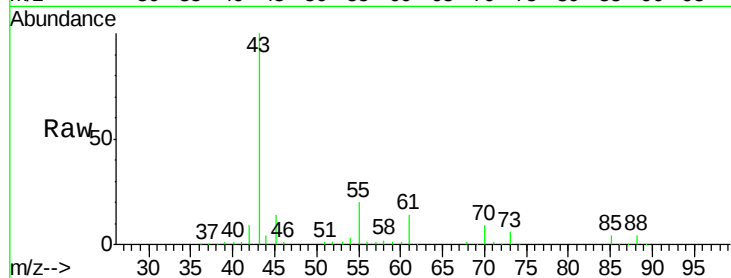
Tot Ion: 43 Resp: 138752

Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

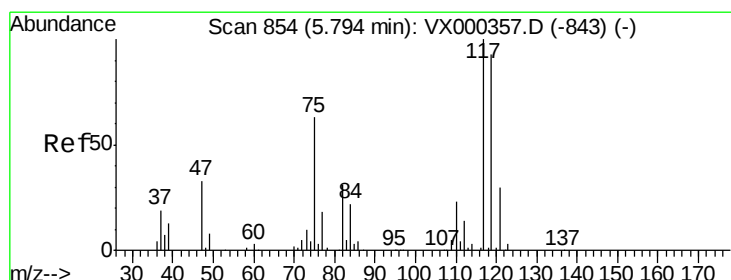
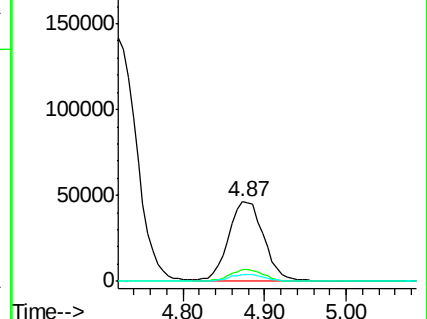
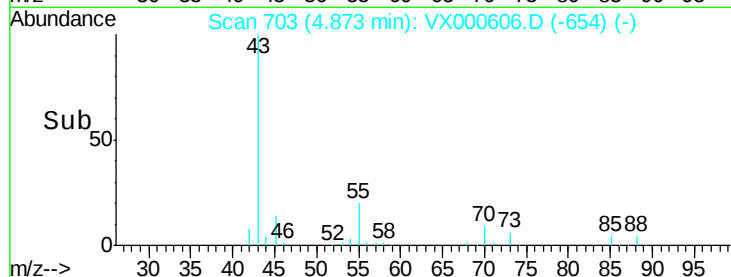
70 8.8 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX000606.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX000606.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX000606.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 48.644 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

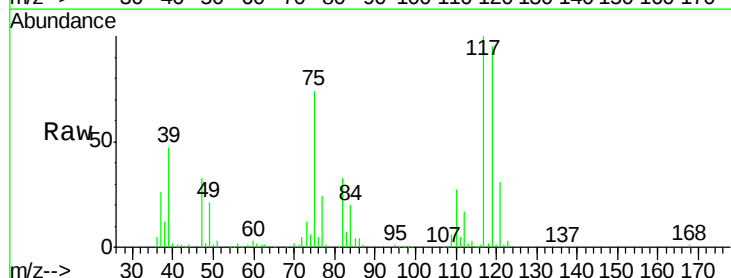
Tgt Ion: 117 Resp: 105036

Ion Ratio Lower Upper

117 100

119 94.7 77.4 116.2

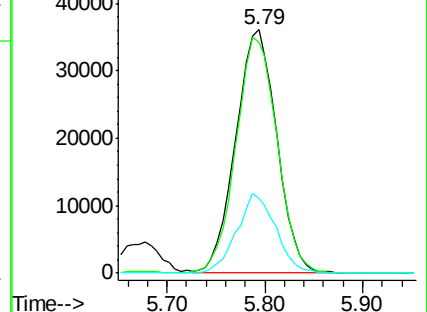
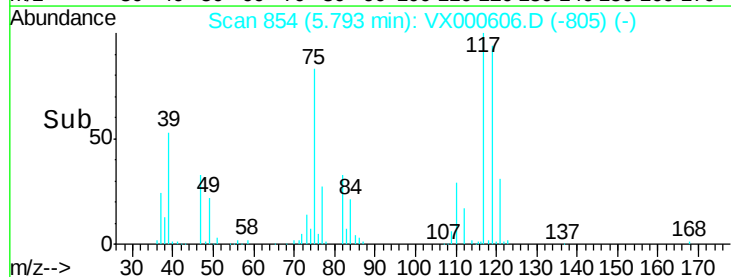
121 30.6 24.8 37.2

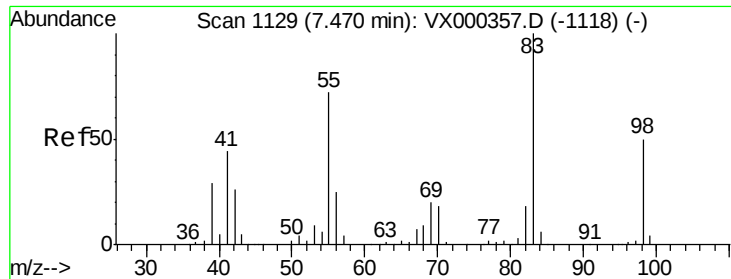


Abundance Ion 116.80 (116.50 to 117.50): VX000606.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000606.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000606.D (-805) (-)

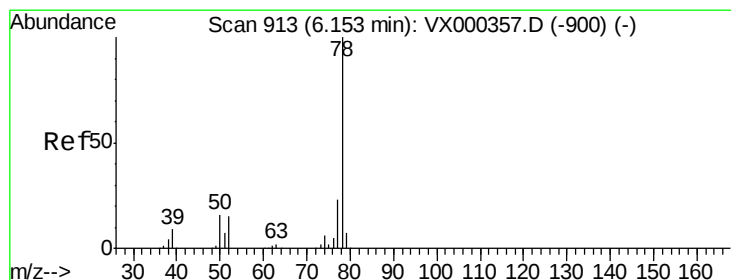
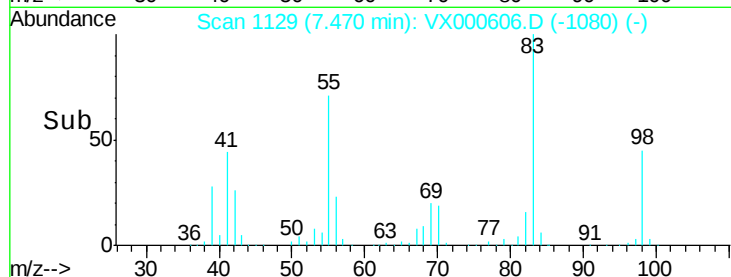
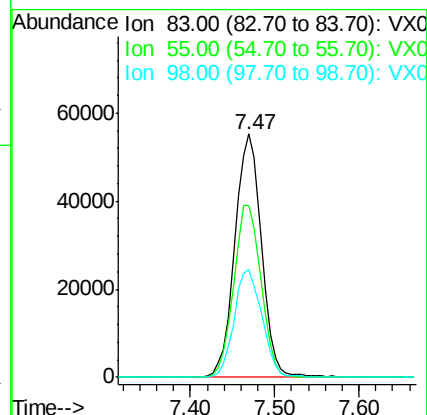
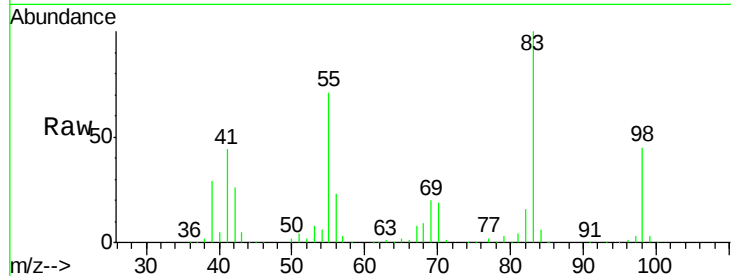




#39
Methvlcvclohexane
Concen: 47.230 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

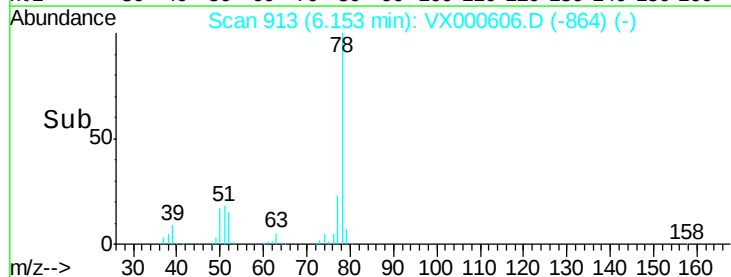
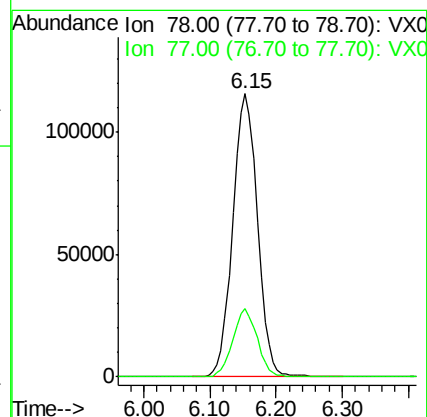
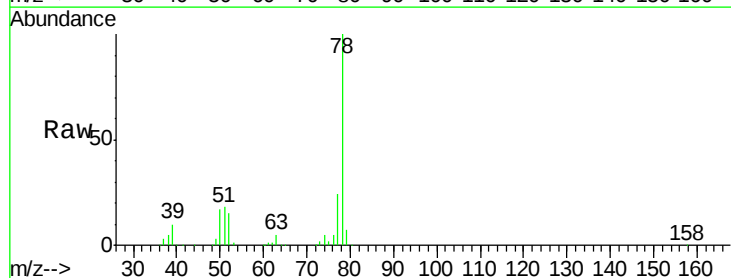
Instrument :
MSVOA_X
ClientSampleId :

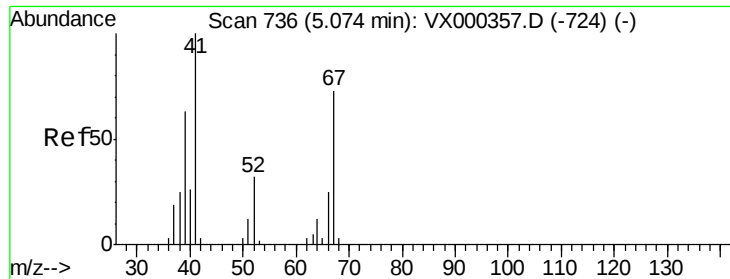
Tot Ion: 83 Resp: 118224
Ion Ratio Lower Upper
83 100
55 70.7 55.5 83.3
98 44.5 38.2 57.4



#40
Benzene
Concen: 50.161 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 78 Resp: 299822
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

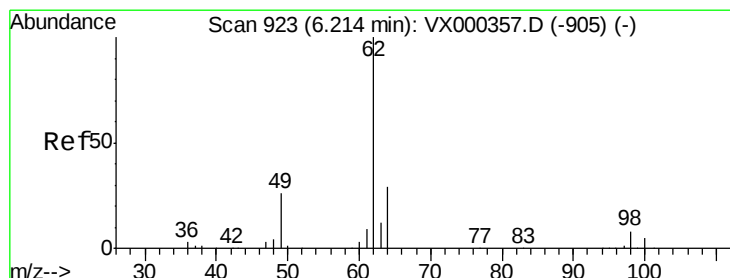
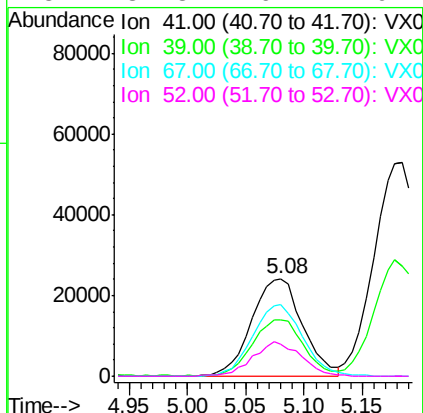
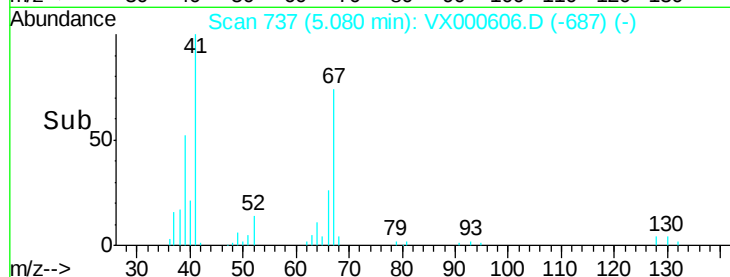
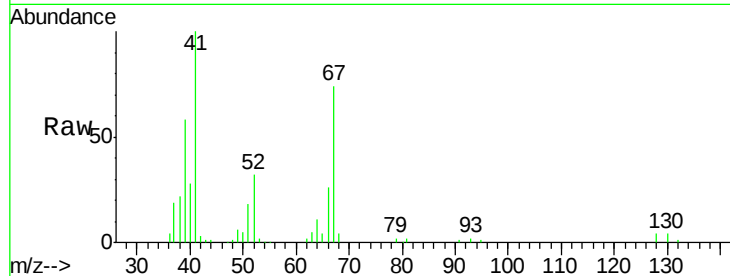




#41
Methacrylonitrile
Concen: 49.118 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

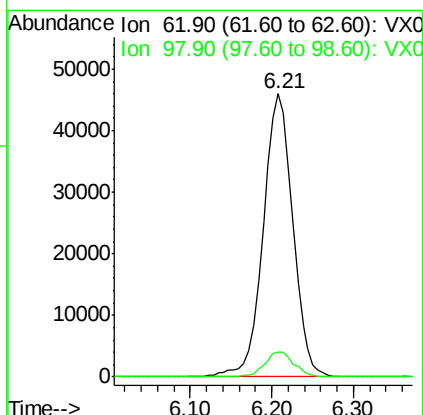
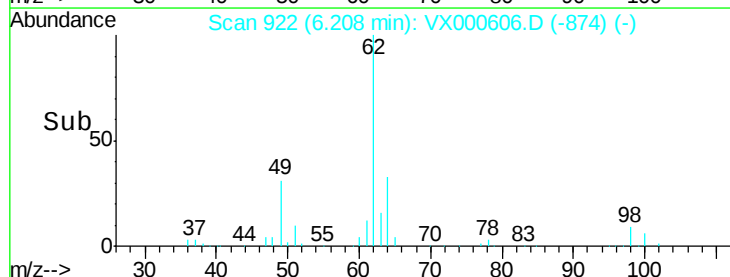
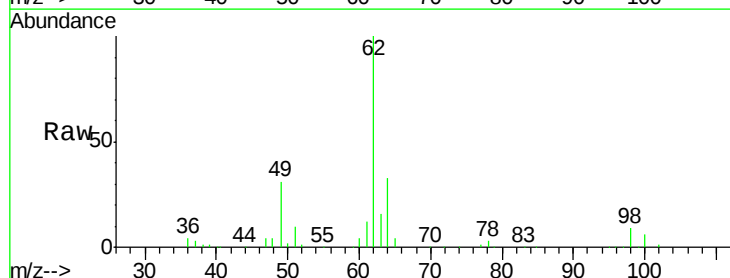
Instrument :
MSVOA_X
ClientSampled :

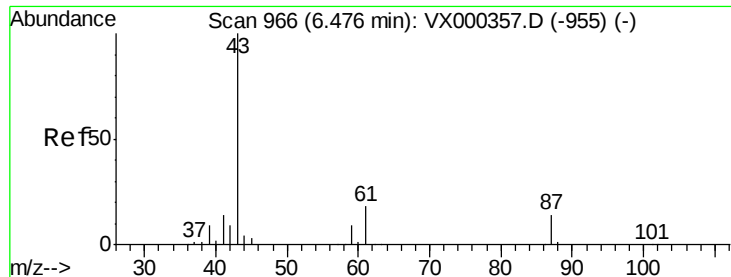
Tot Ion: 41 Resp: 72804
Ion Ratio Lower Upper
41 100
39 57.4 45.7 68.5
67 73.0 57.8 86.8
52 32.8 26.7 40.1



#42
1,2-Dichloroethane
Concen: 49.422 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 62 Resp: 115904
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8



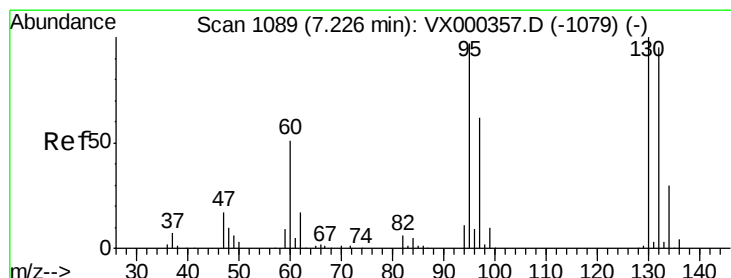
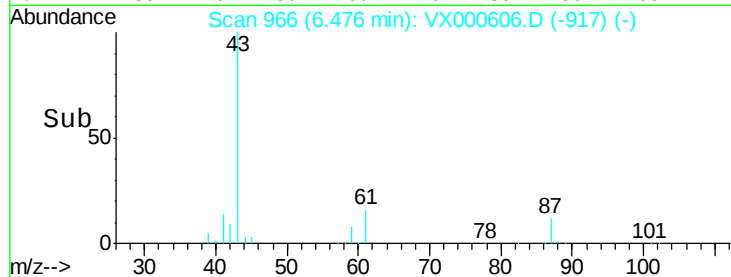
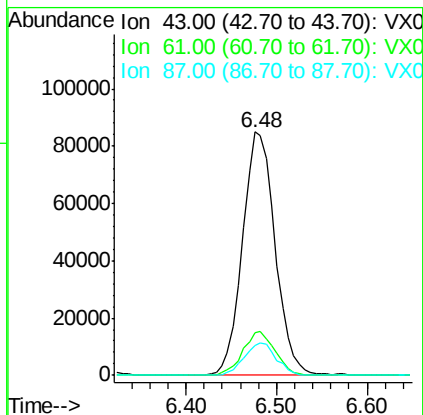
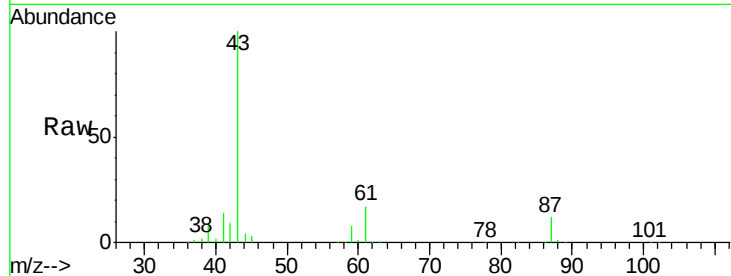


#43

Isopropyl Acetate
 Concen: 50.508 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Instrument :
 MSVOA_X
 ClientSampled :

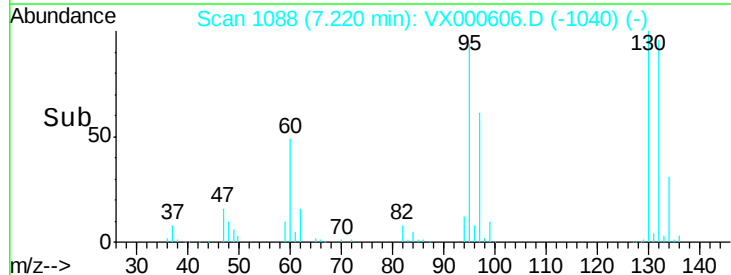
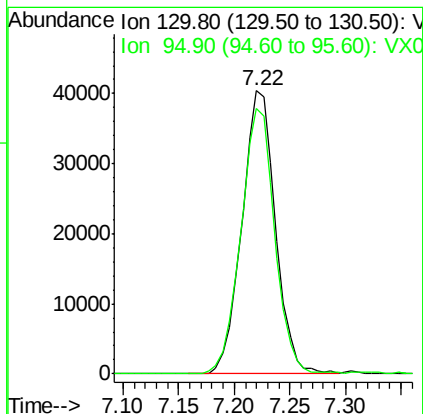
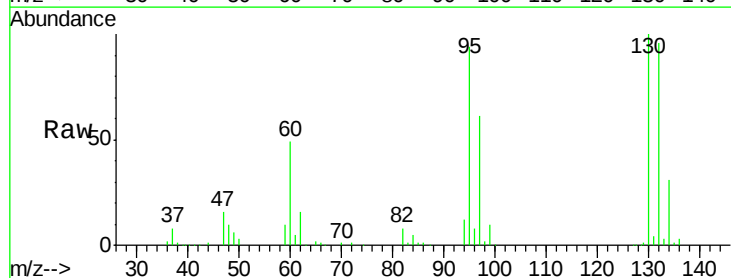
Tot Ion: 43 Resp: 211377
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.4 21.6
 87 13.1 11.0 16.4

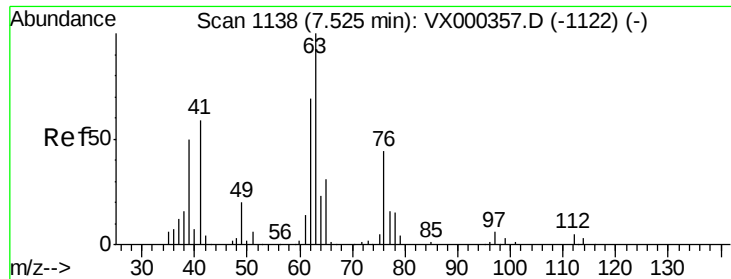


#44

Trichloroethene
 Concen: 49.247 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion:130 Resp: 84330
 Ion Ratio Lower Upper
 130 100
 95 93.6 0.0 186.0

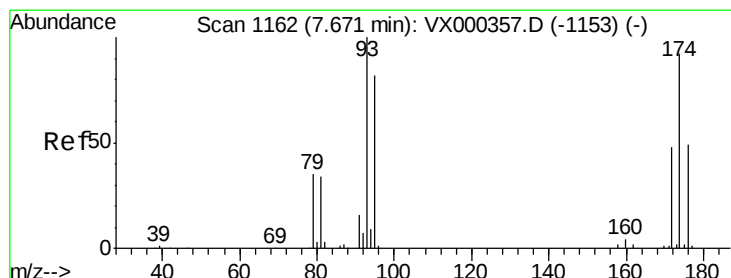
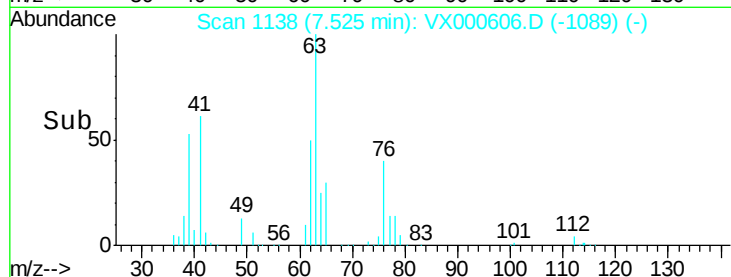
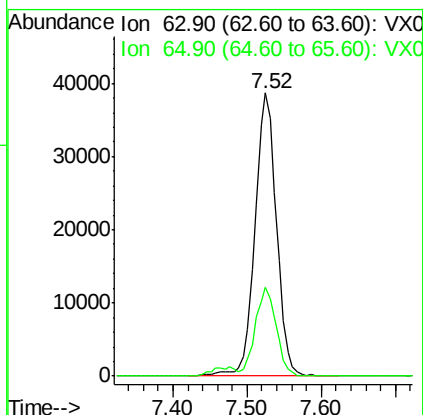
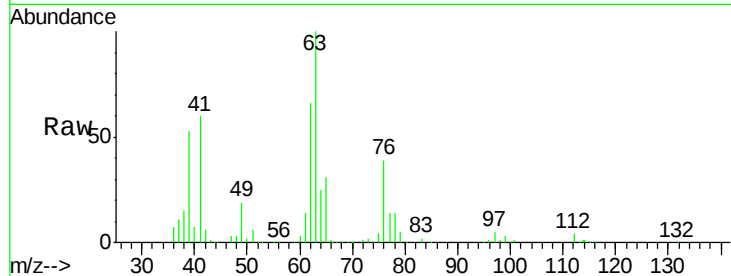




#45
 1,2-Dichloropropane
 Concen: 51.345 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

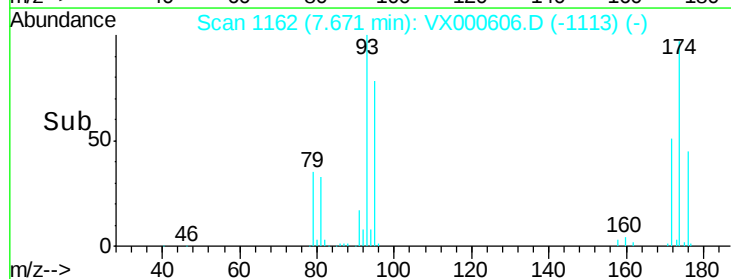
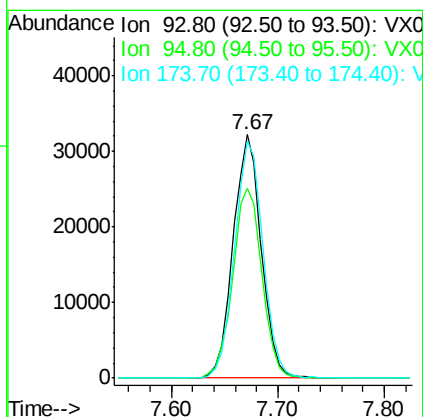
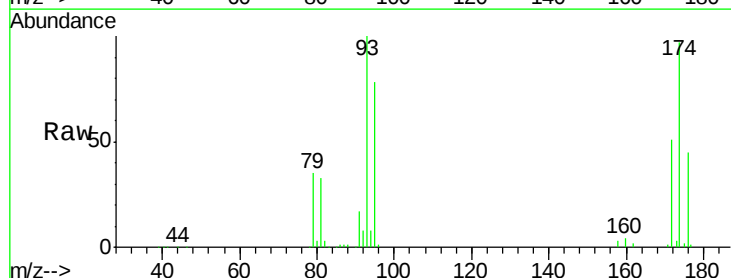
Instrument :
 MSVOA_X
 ClientSampleId :

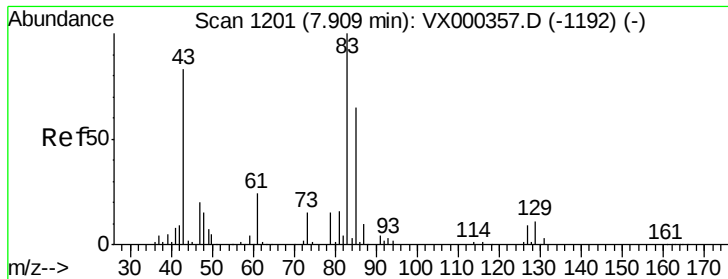
Tot Ion: 63 Resp: 78556
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 49.636 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 93 Resp: 59609
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.5 99.7
 174 98.7 76.0 114.0





#47

Bromodichloromethane

Concen: 53.379 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

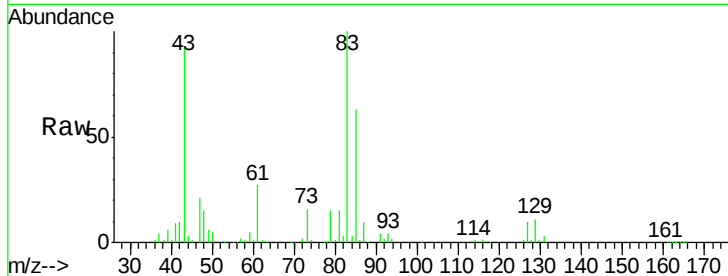
Tot Ion: 83 Resp: 112786

Ion Ratio Lower Upper

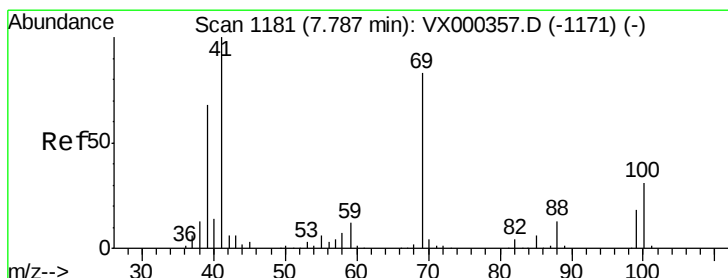
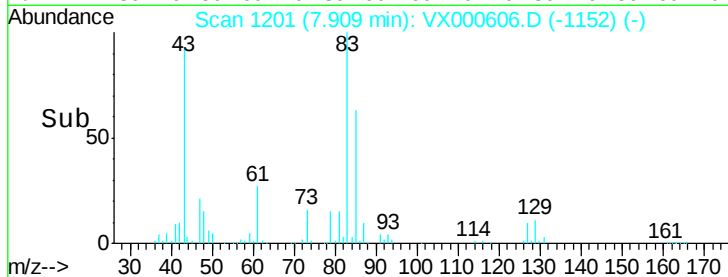
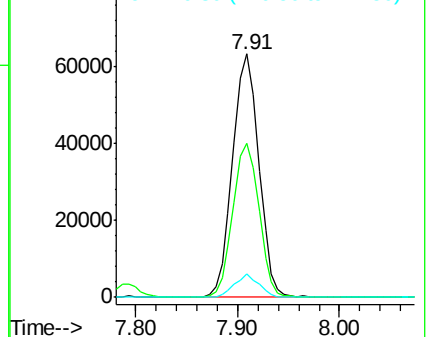
83 100

85 63.1 51.4 77.0

127 9.6 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: 51.747 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

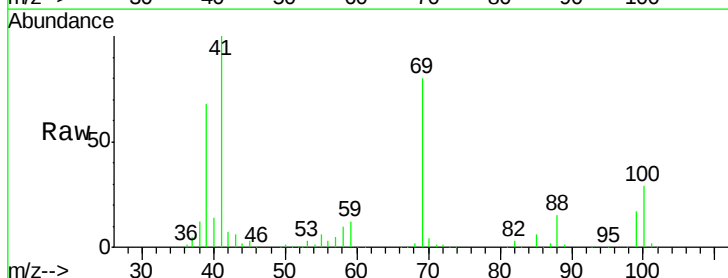
Tgt Ion: 41 Resp: 105139

Ion Ratio Lower Upper

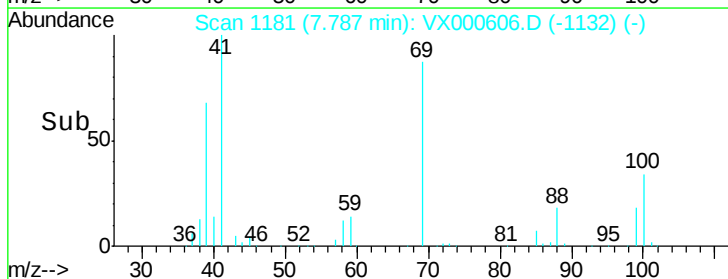
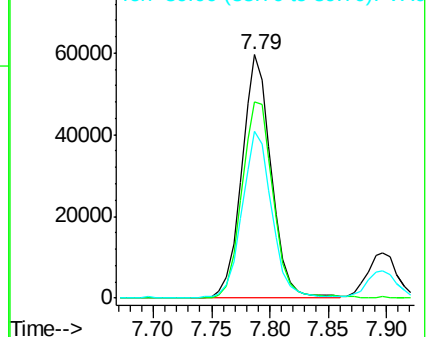
41 100

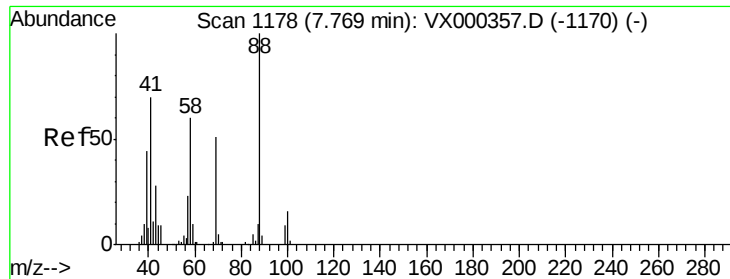
69 85.5 68.2 102.4

39 68.0 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

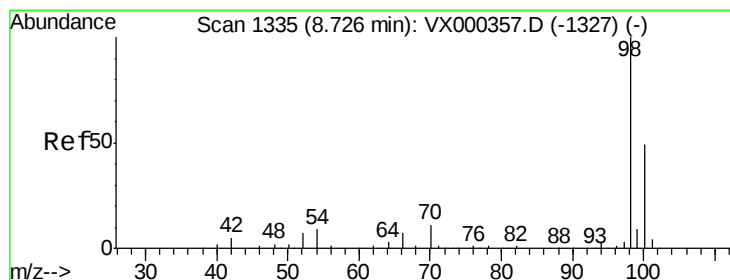
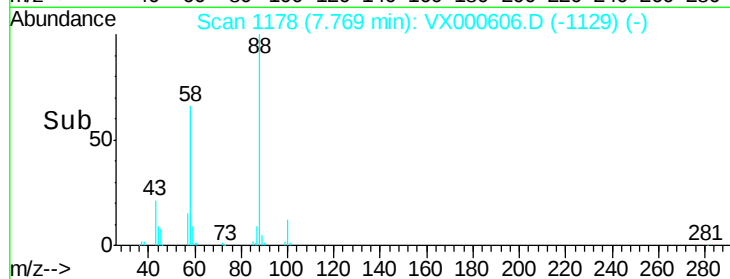
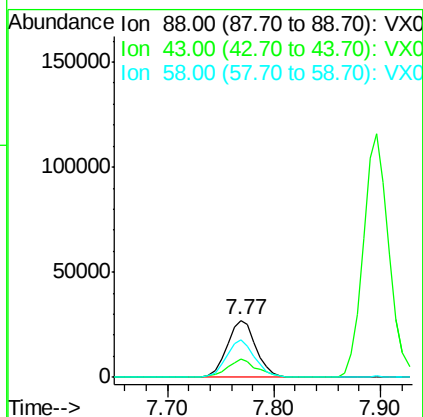
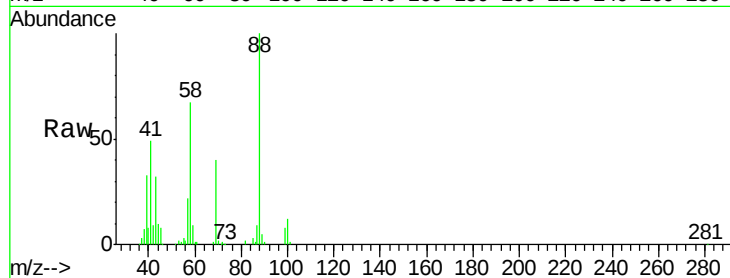




#49
1,4-Dioxane
Concen: 1210.530 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

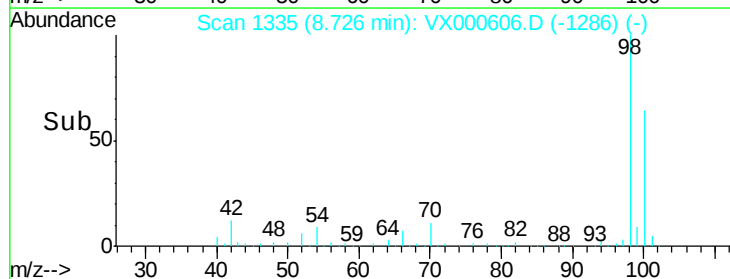
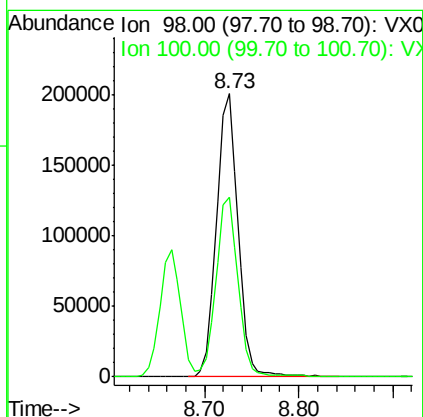
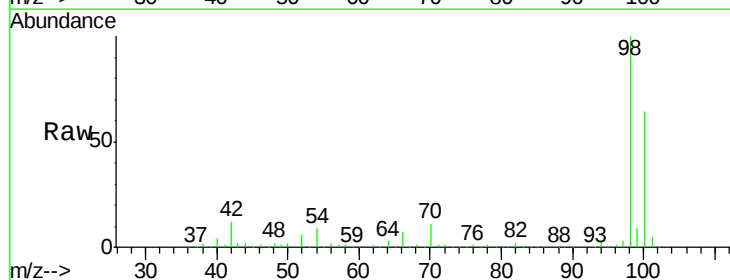
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 51699
Ion Ratio Lower Upper
88 100
43 32.7 26.8 40.2
58 65.3 52.2 78.2



#50
Toluene-d8
Concen: 55.700 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 98 Resp: 319389
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

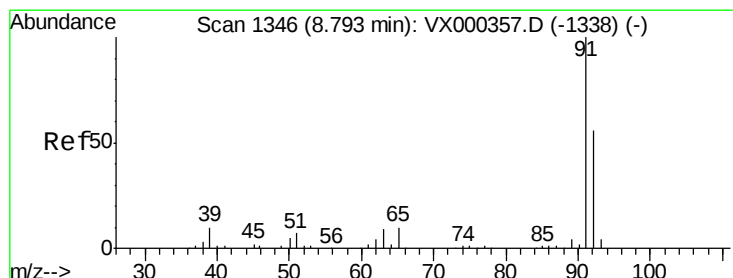
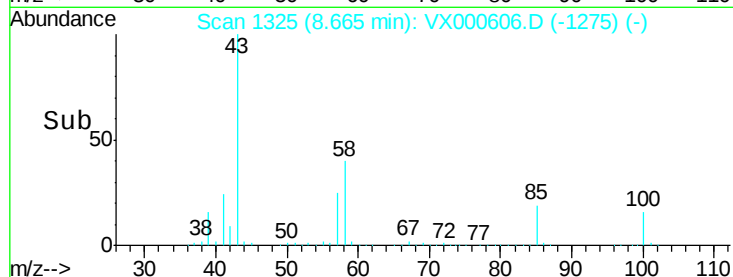
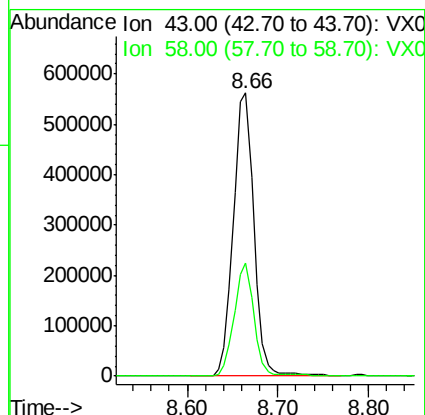
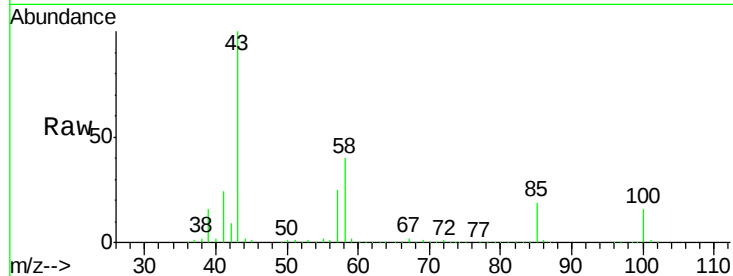




#51
4-Methyl-2-Pentanone
Concen: 275.239 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. 0.01 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

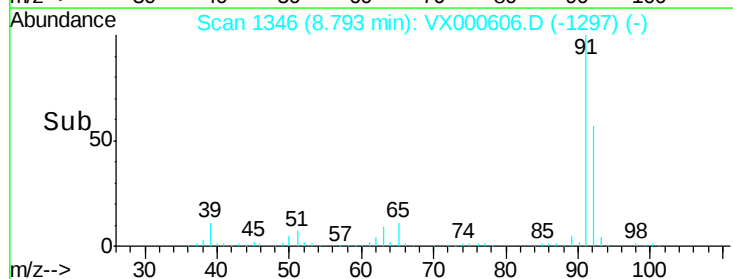
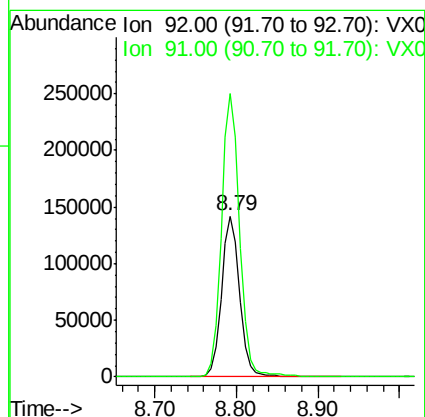
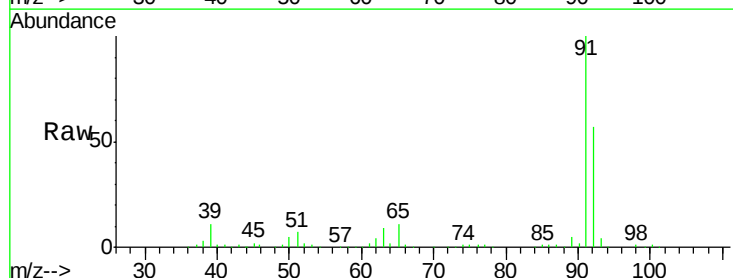
Instrument :
MSVOA_X
ClientSampleId :

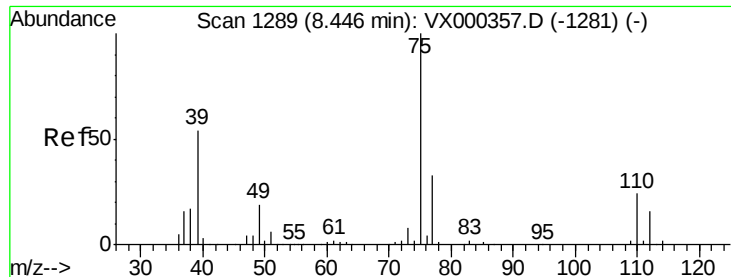
Tot Ion: 43 Resp: 891603
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5



#52
Toluene
Concen: 52.754 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 92 Resp: 220441
Ion Ratio Lower Upper
92 100
91 176.9 140.2 210.2

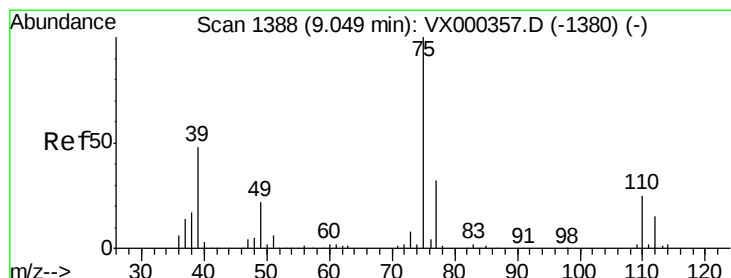
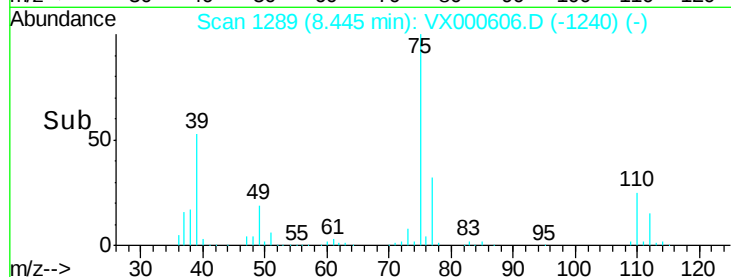
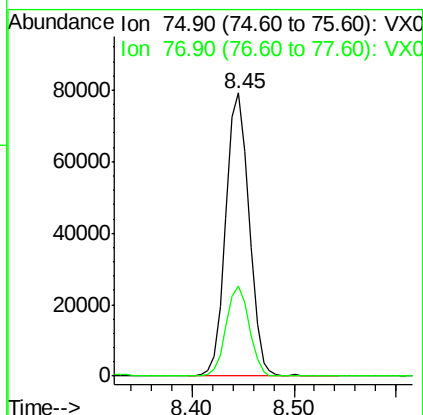
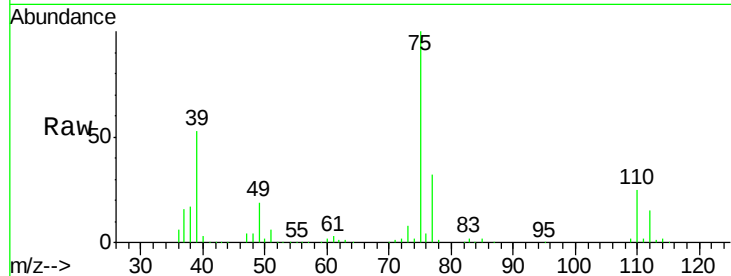




#53
 t-1,3-Dichloropropene
 Concen: 51.300 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

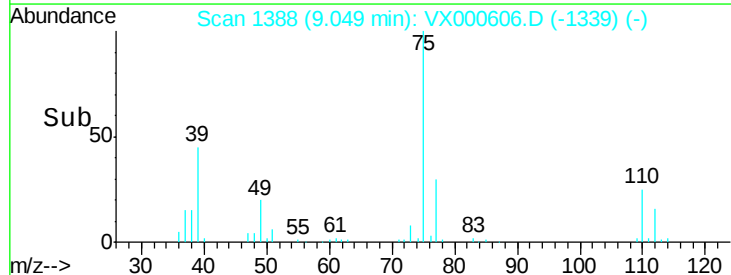
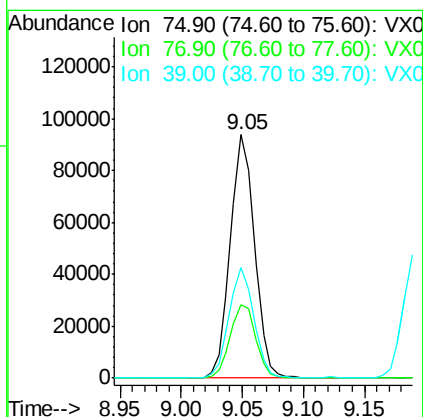
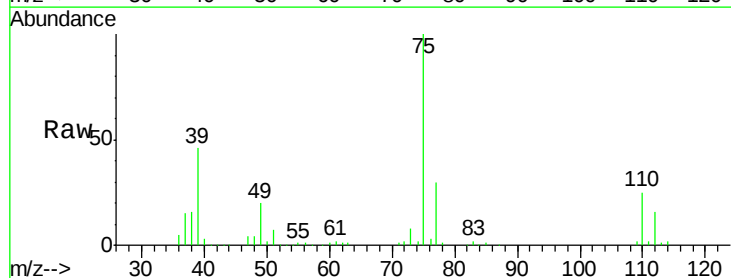
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 125603
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.145 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 75 Resp: 128593
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 45.3 39.8 59.6

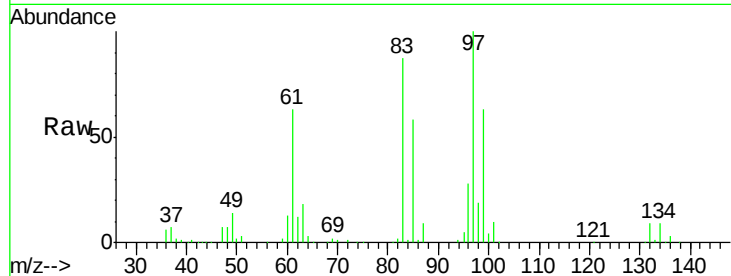




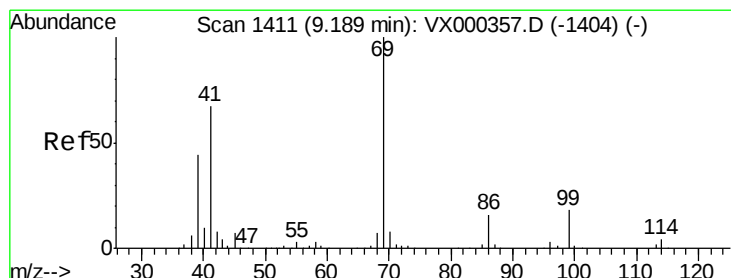
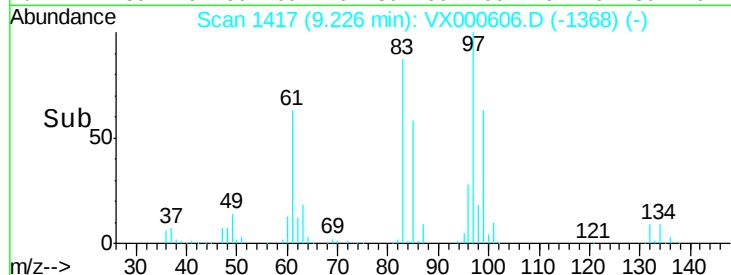
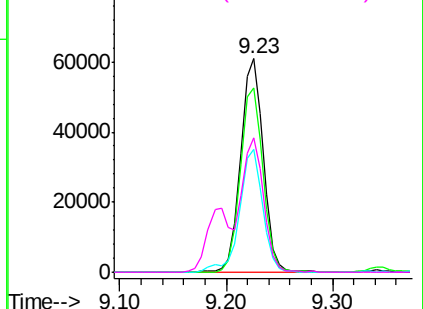
#55
1,1,2-Trichloroethane
Concen: 53.057 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	97	Resp:	91172
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.9	101.9
85	57.6	42.8	64.2
99	62.9	49.4	74.2

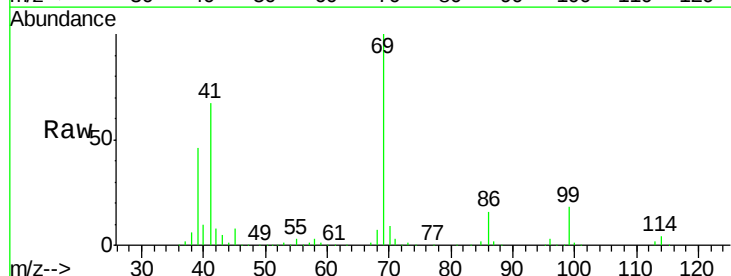


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

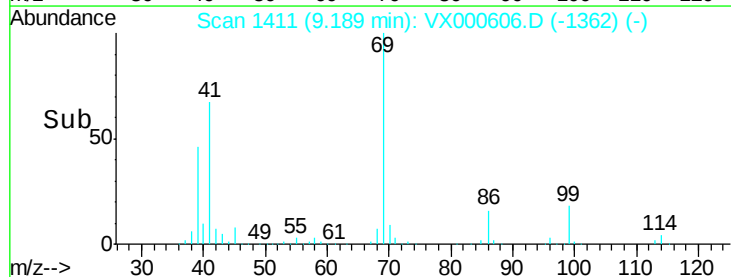
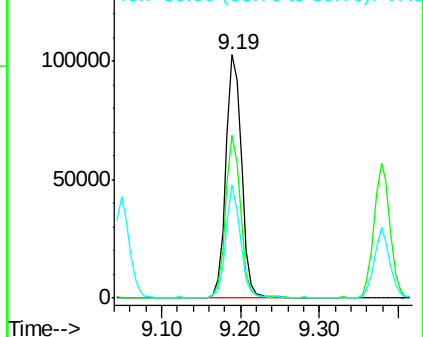


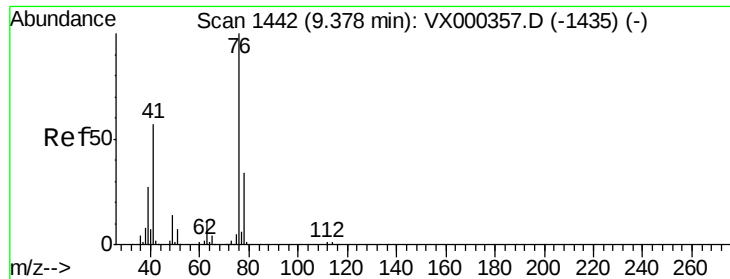
#56
Ethyl methacrylate
Concen: 54.549 ug/l
RT: 9.19 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion:	69	Resp:	142038
Ion	Ratio	Lower	Upper
69	100		
41	63.7	53.0	79.6
39	42.7	35.3	52.9



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





#57

1,3-Dichloropropane

Concen: 53.198 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

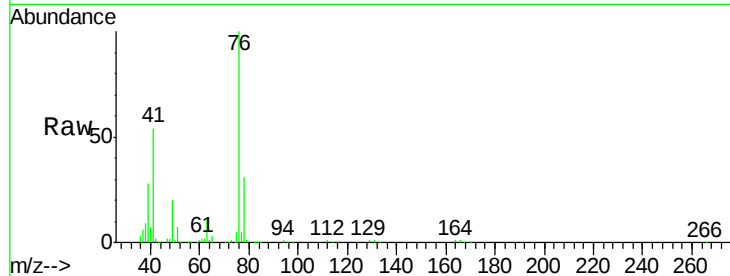
ClientSampled :

Tot Ion: 76 Resp: 146214

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

120000

100000

80000

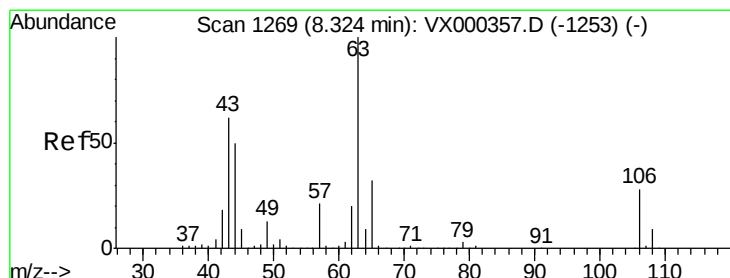
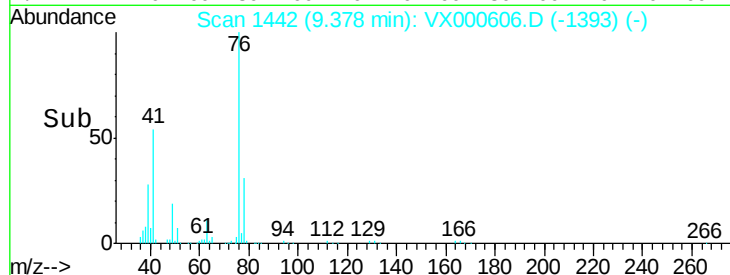
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.100 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000606.D

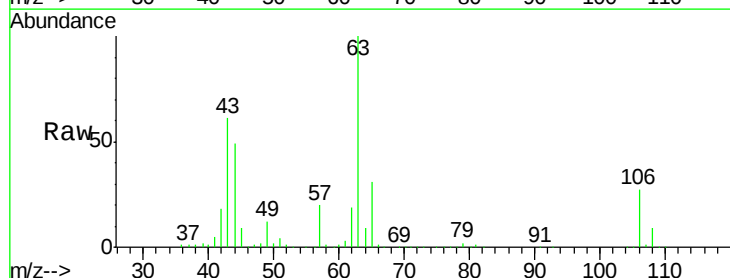
Acq: 31 Mar 2018 20:50

Tgt Ion: 63 Resp: 317554

Ion Ratio Lower Upper

63 100

106 27.4 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

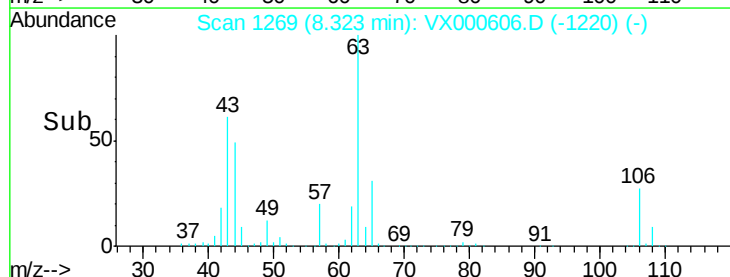
150000

100000

50000

0

Time-->

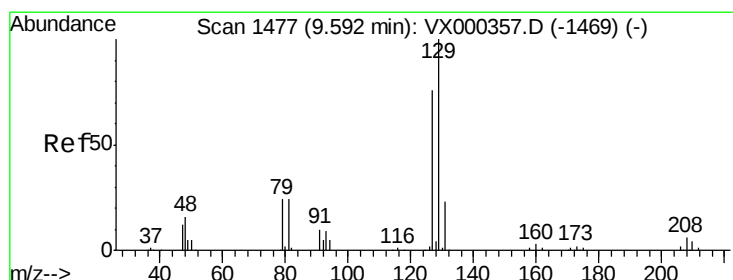
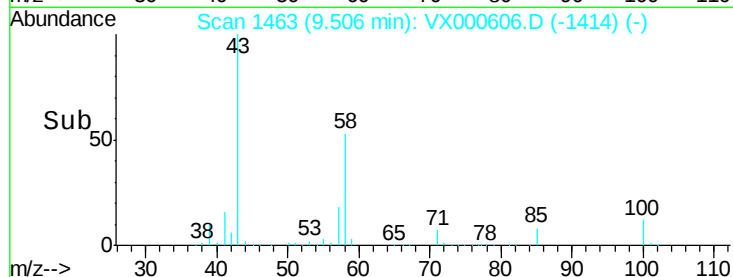
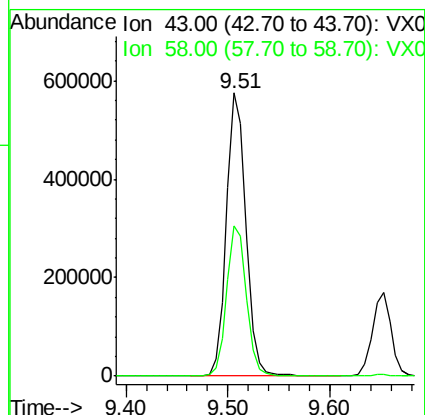
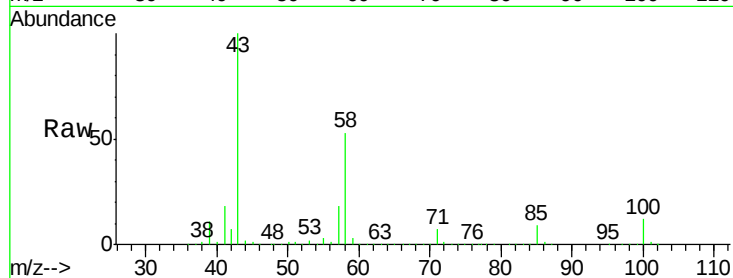




#59
2-Hexanone
Concen: 278.920 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

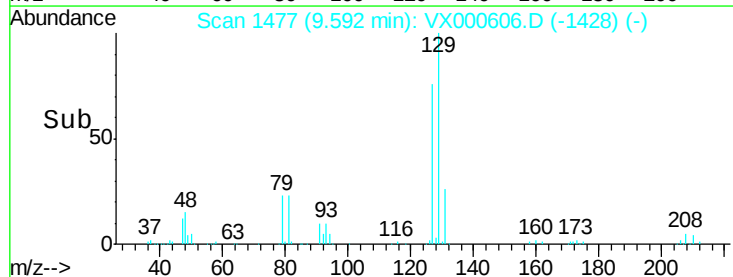
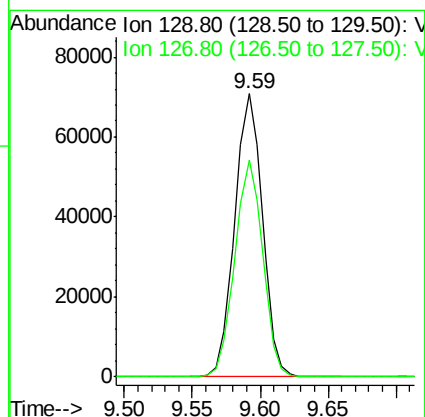
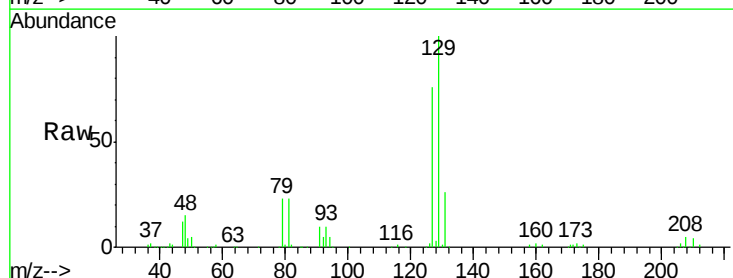
Instrument :
MSVOA_X
ClientSampled :

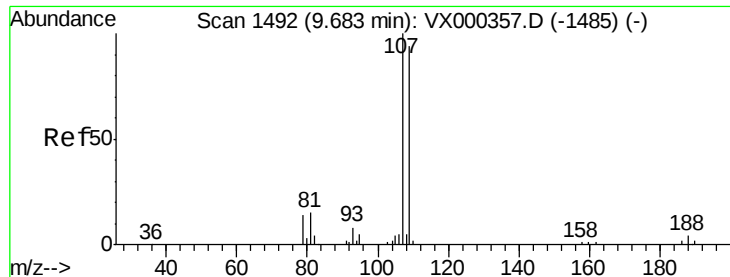
Tot Ion: 43 Resp: 767198
Ion Ratio Lower Upper
43 100
58 53.8 26.6 79.7



#60
Dibromochloromethane
Concen: 49.720 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 129 Resp: 101057
Ion Ratio Lower Upper
129 100
127 76.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 56.036 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

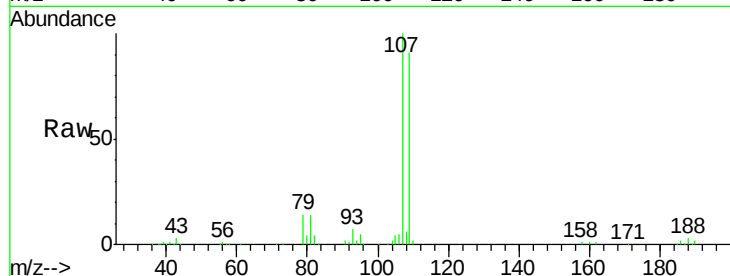
ClientSampleId :

Tot Ion:107 Resp: 103261

Ion Ratio Lower Upper

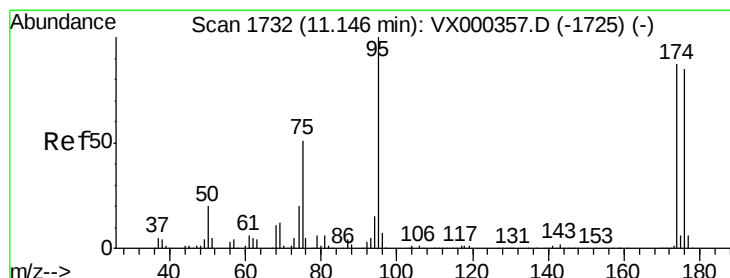
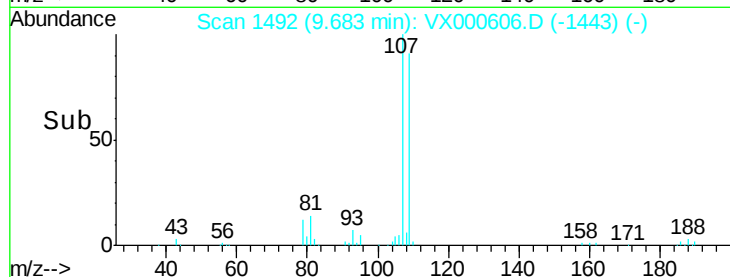
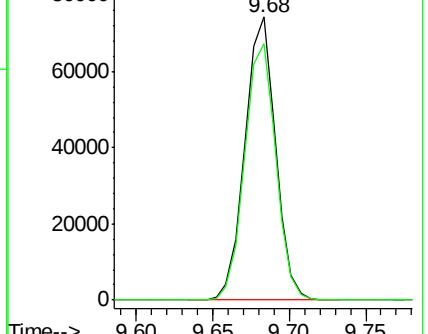
107 100

109 92.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.251 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

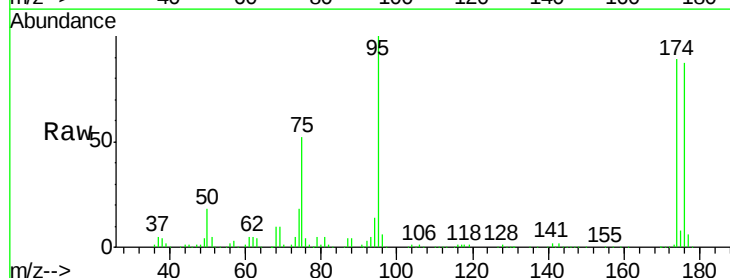
Tgt Ion: 95 Resp: 132931

Ion Ratio Lower Upper

95 100

174 87.5 0.0 173.6

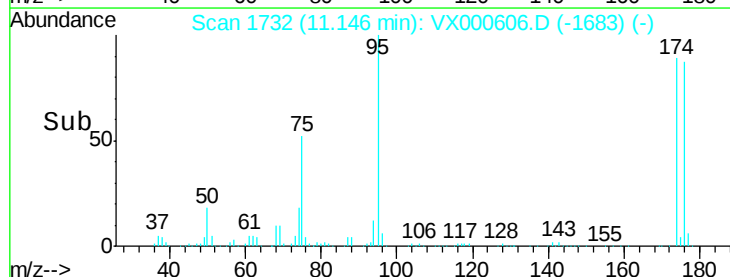
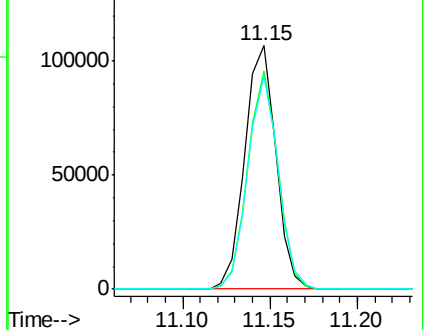
176 85.5 0.0 164.6

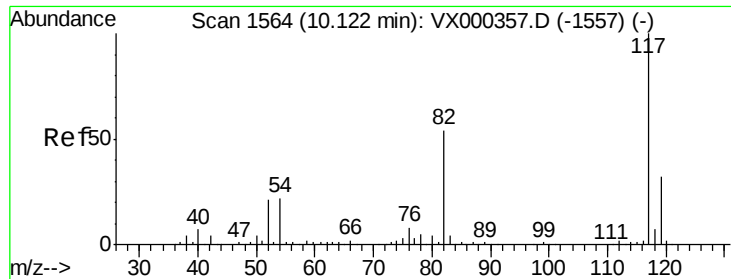


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

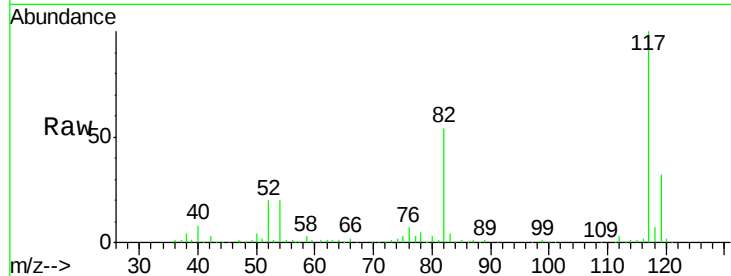




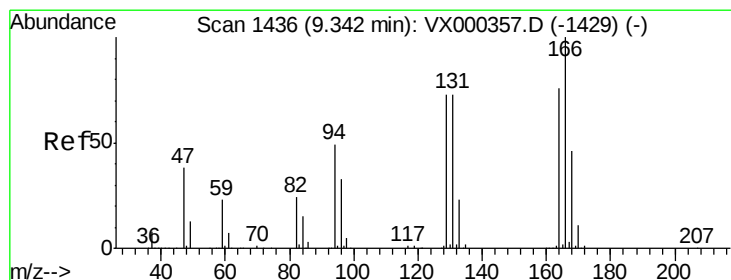
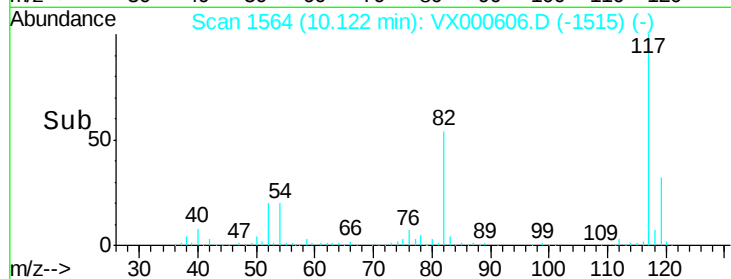
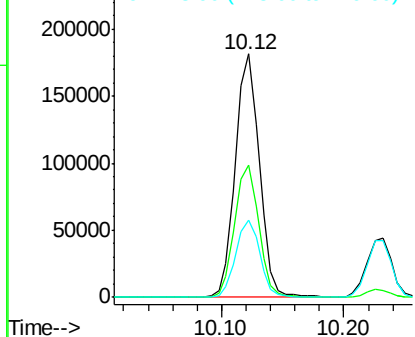
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 246029
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.6 24.9 37.3



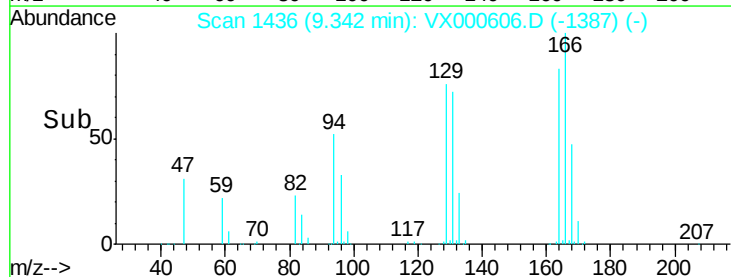
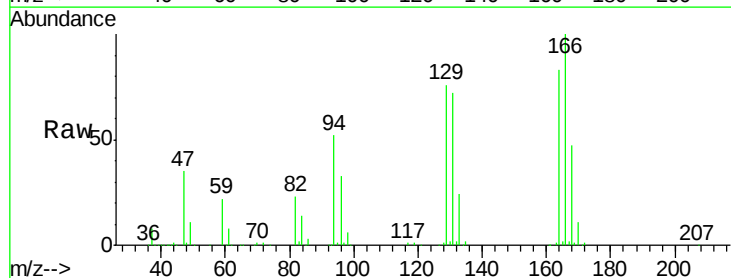
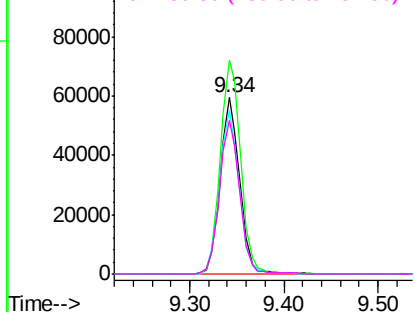
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

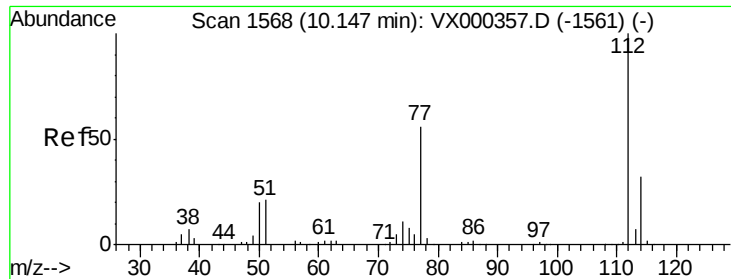


#64
Tetrachloroethene
Concen: 44.607 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion:164 Resp: 85164
Ion Ratio Lower Upper
164 100
166 121.0 101.0 151.6
129 92.5 79.0 118.4
131 87.2 71.9 107.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

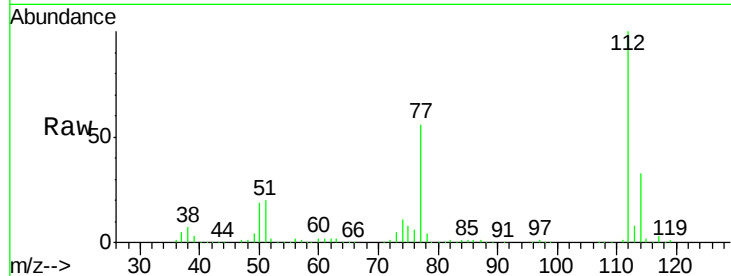




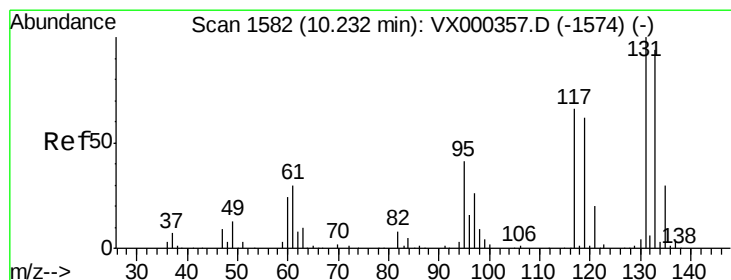
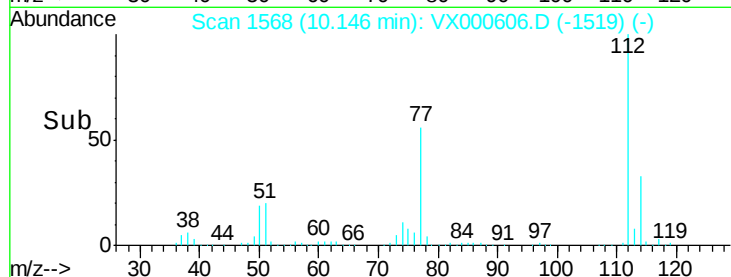
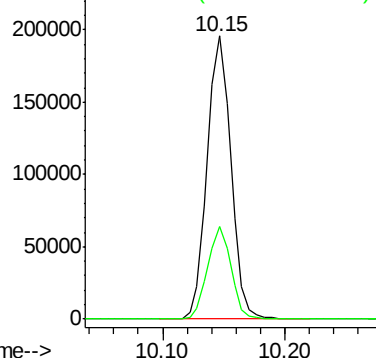
#65
Chlorobenzene
Concen: 48.118 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 263460
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

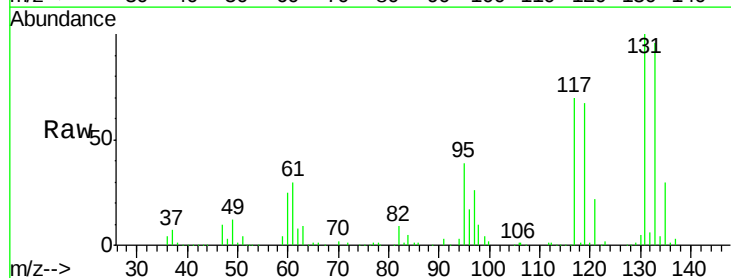


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

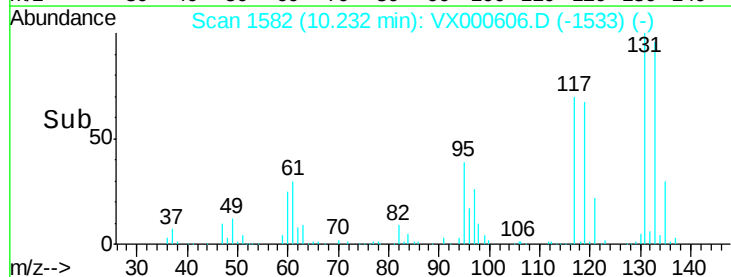
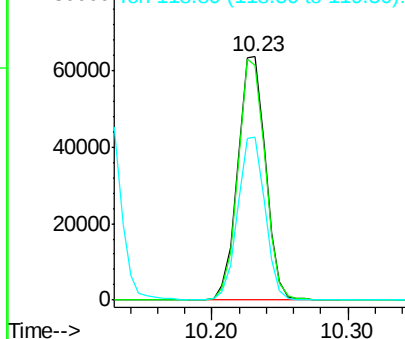


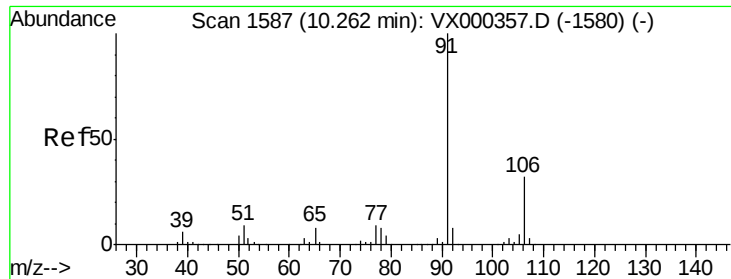
#66
1,1,1,2-Tetrachloroethane
Concen: 48.593 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion:131 Resp: 90359
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 66.2 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

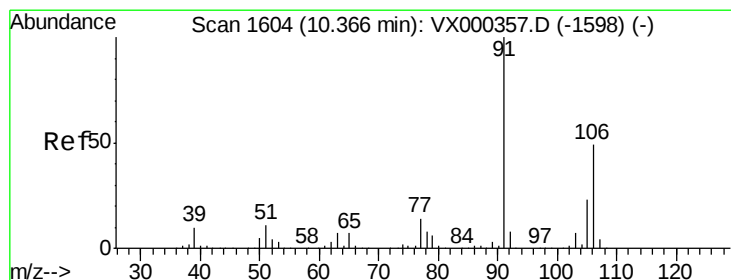
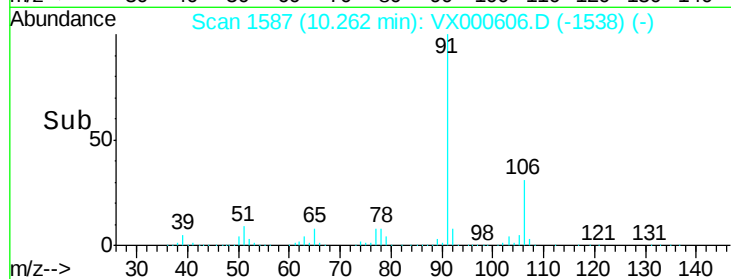
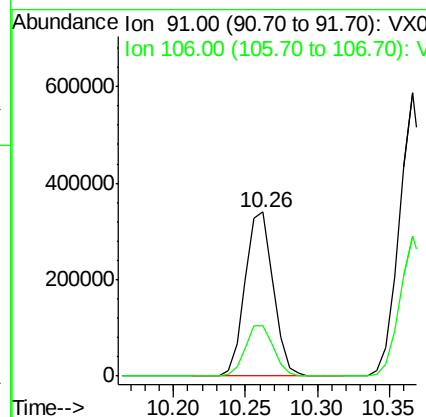
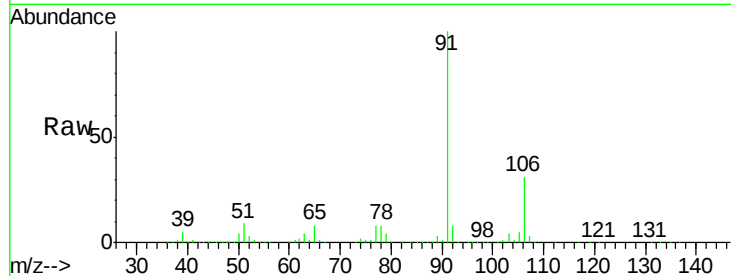




#67
Ethyl Benzene
Concen: 49.841 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

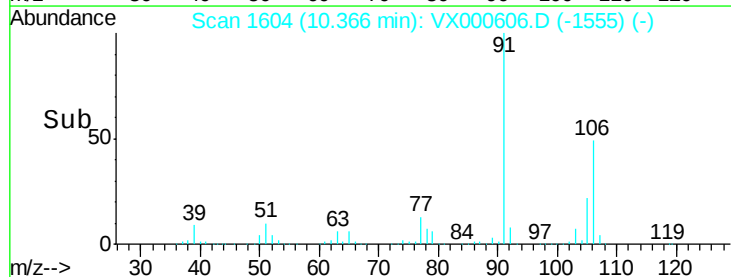
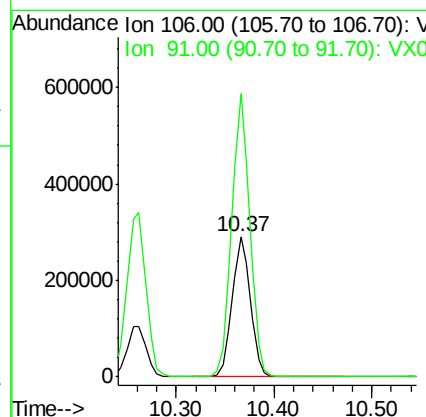
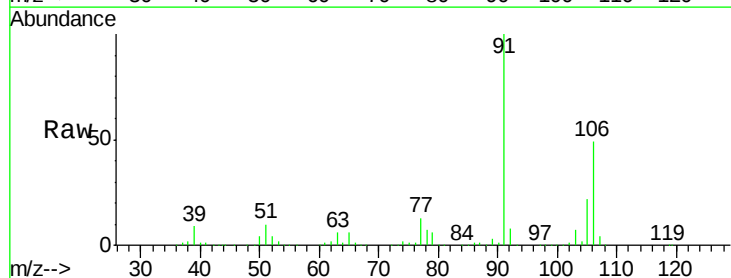
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 462601
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 102.908 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 106 Resp: 375849
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.2

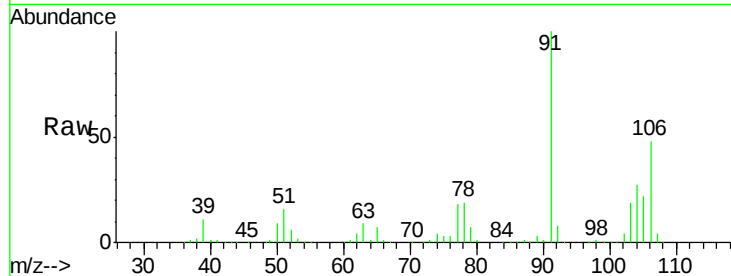




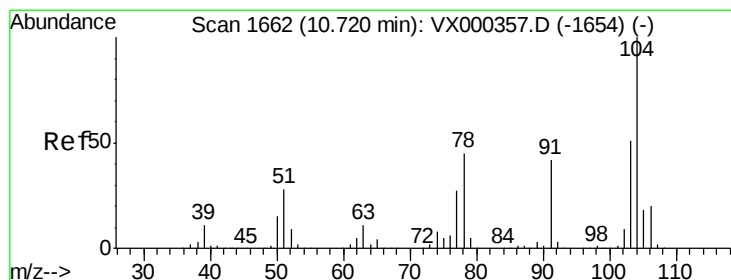
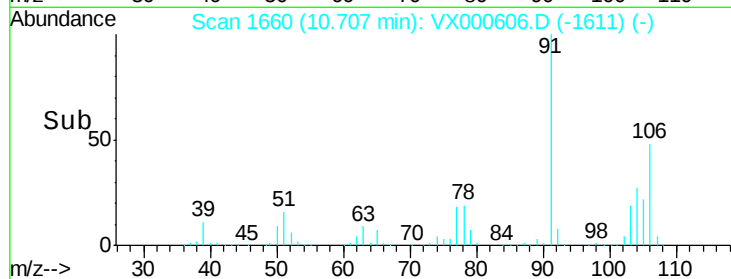
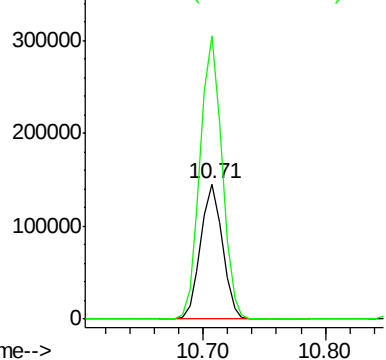
#69
o-Xylene
Concen: 50.622 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 179014
Ion Ratio Lower Upper
106 100
91 209.9 106.5 319.6

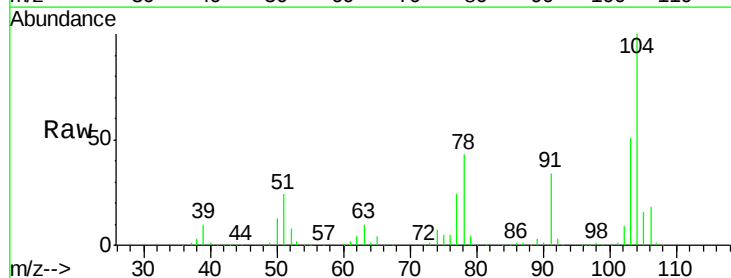


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

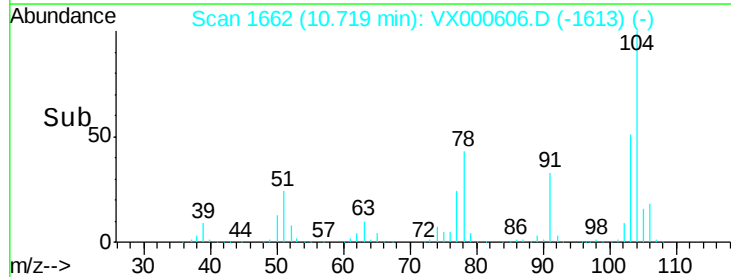
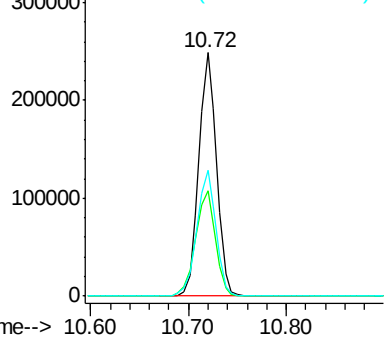


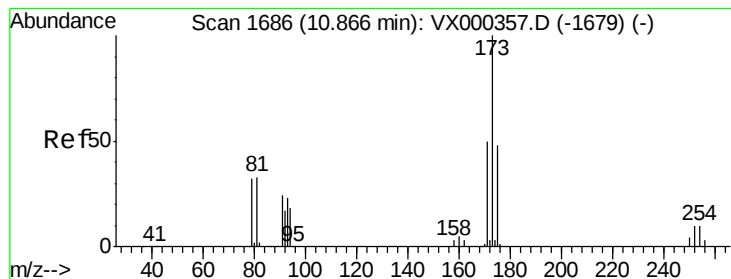
#70
Styrene
Concen: 53.550 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion:104 Resp: 313333
Ion Ratio Lower Upper
104 100
78 48.2 40.5 60.7
103 55.2 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: 44.161 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampled :

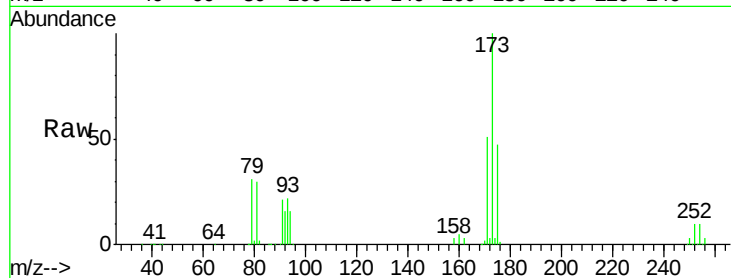
Tot Ion:173 Resp: 84375

Ion Ratio Lower Upper

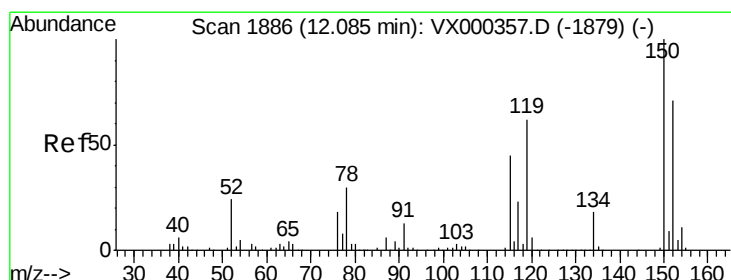
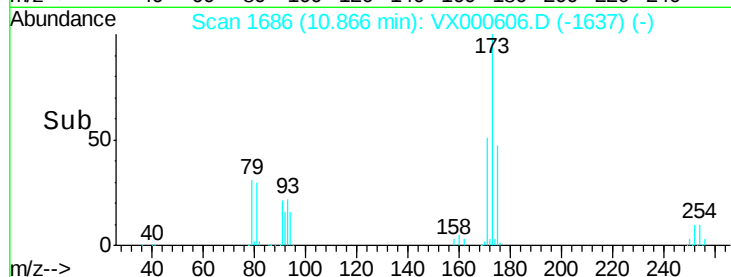
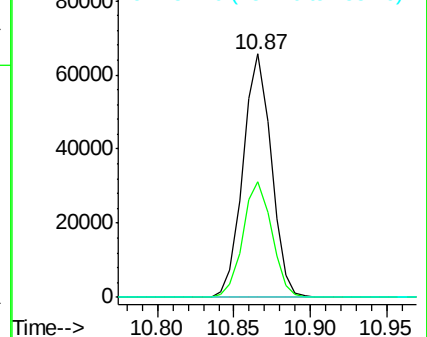
173 100

175 48.3 25.4 76.4

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

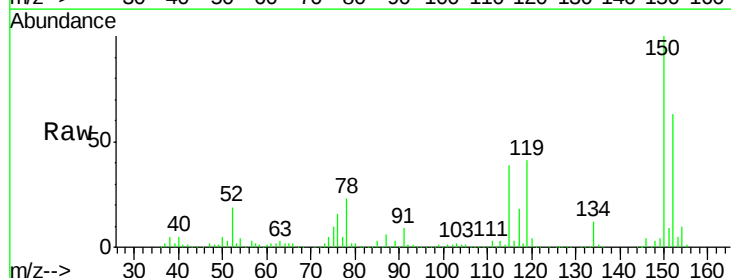
Tgt Ion:152 Resp: 163789

Ion Ratio Lower Upper

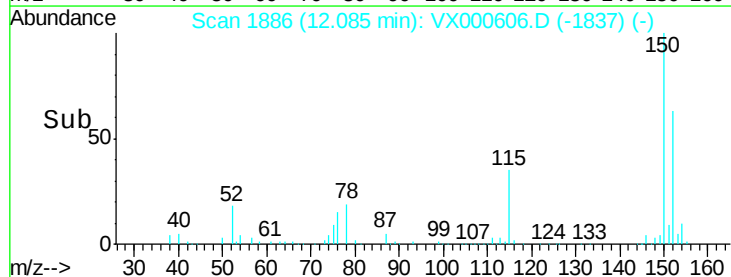
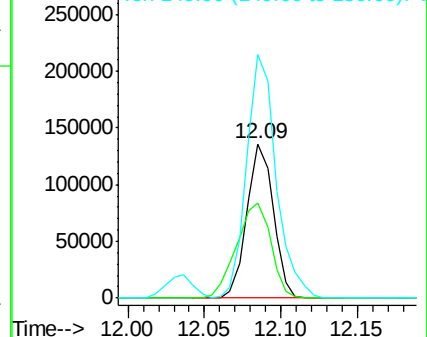
152 100

115 80.0 39.8 119.3

150 175.8 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: 46.103 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

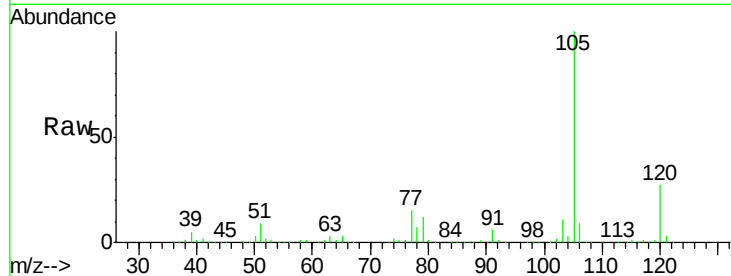
ClientSampleId :

Tot Ion:105 Resp: 500310

Ion Ratio Lower Upper

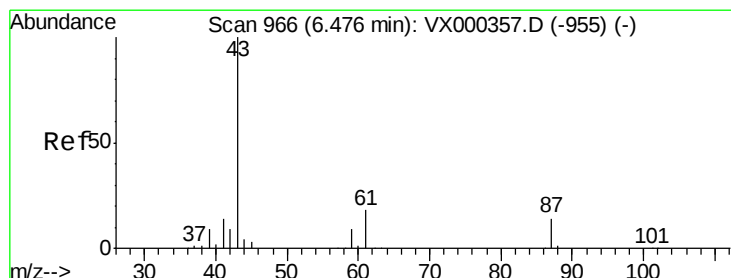
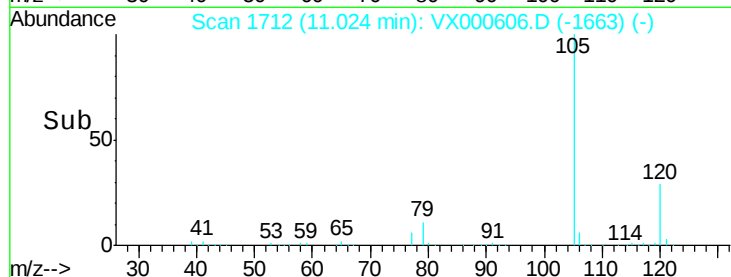
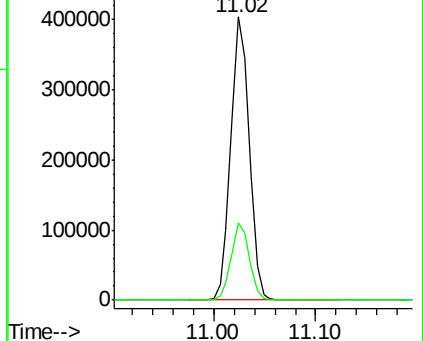
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.312 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Tgt Ion: 43 Resp: 211377

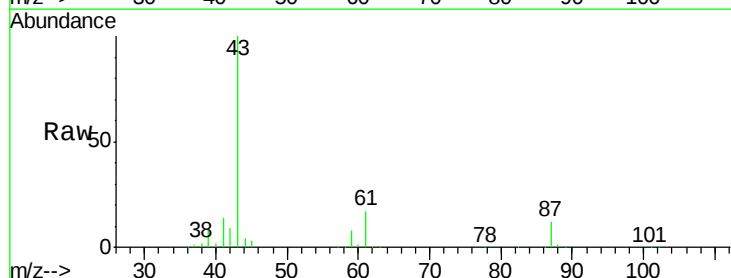
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 17.9 14.4 21.6

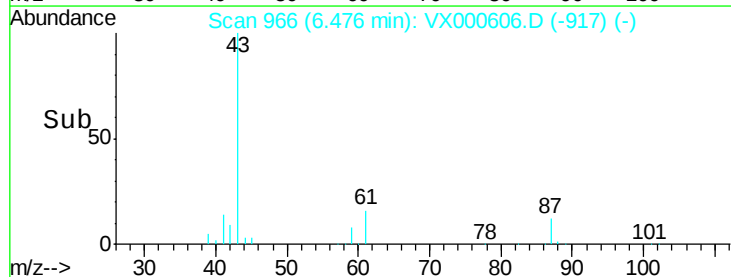
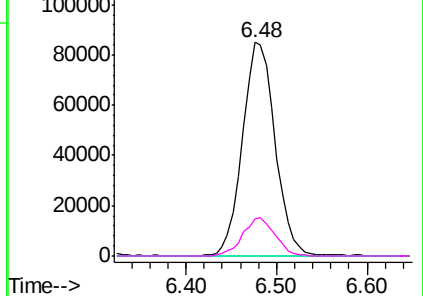


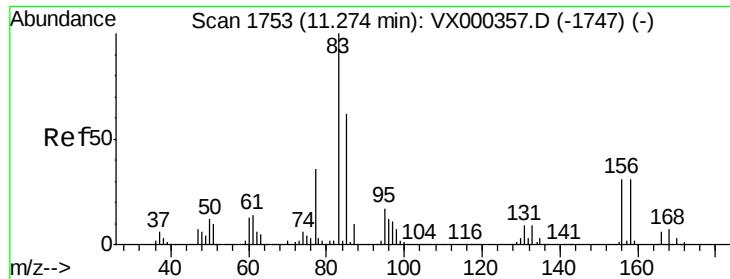
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.404 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

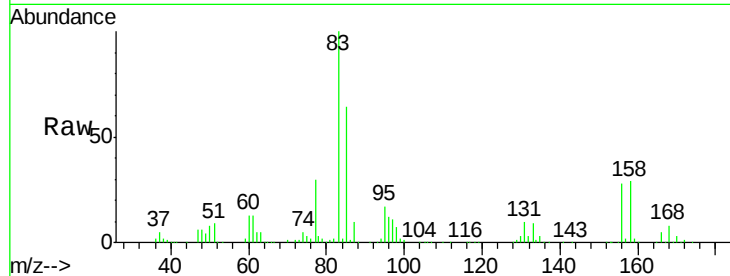
Tot Ion: 83 Resp: 181954

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

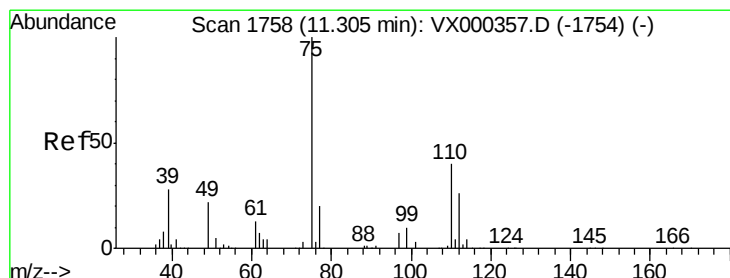
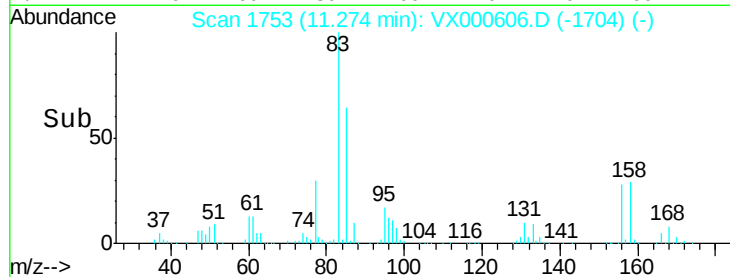
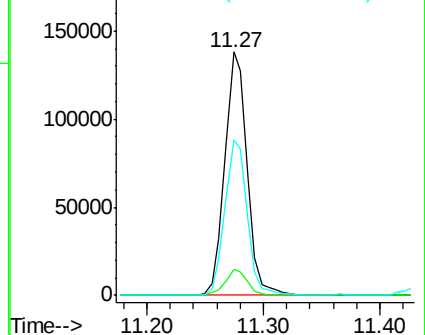
85 64.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.615 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000606.D

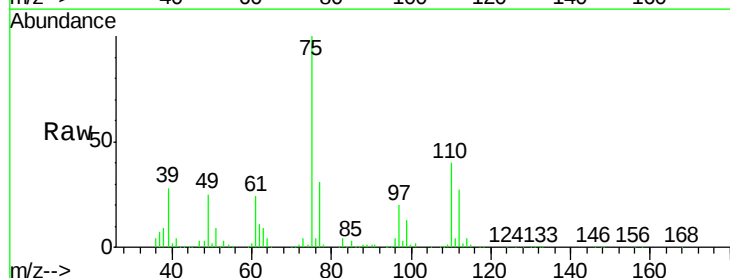
Acq: 31 Mar 2018 20:50

Tgt Ion: 75 Resp: 206325

Ion Ratio Lower Upper

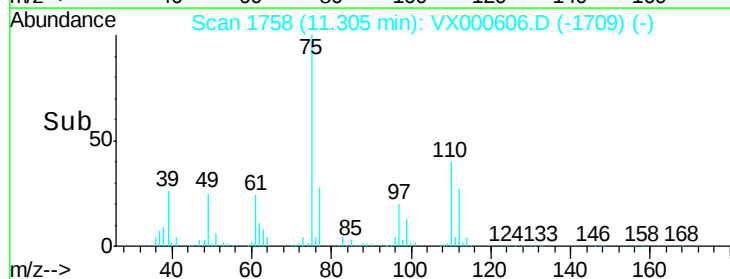
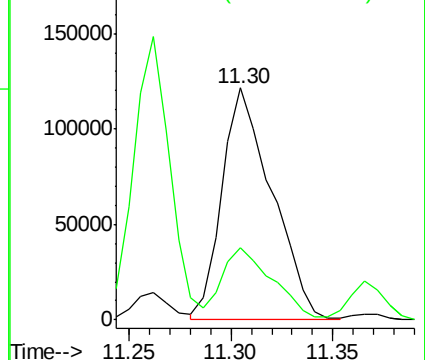
75 100

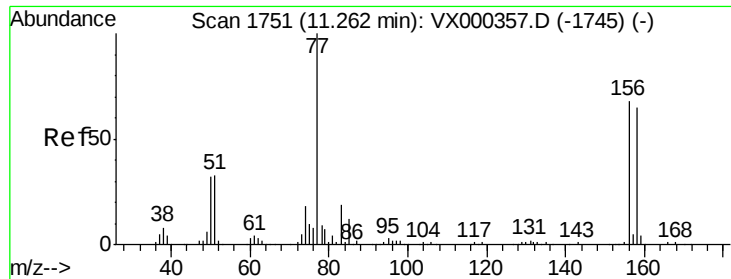
77 31.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 43.927 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

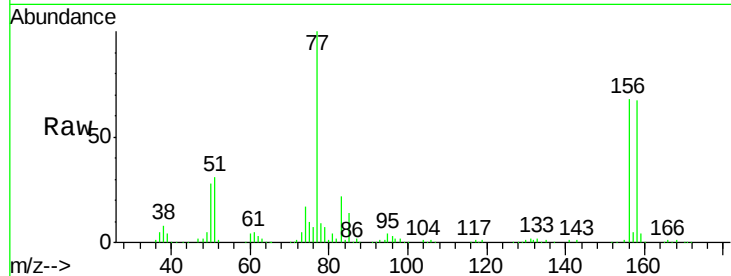
Tot Ion:156 Resp: 126990

Ion Ratio Lower Upper

156 100

77 145.5 73.4 220.2

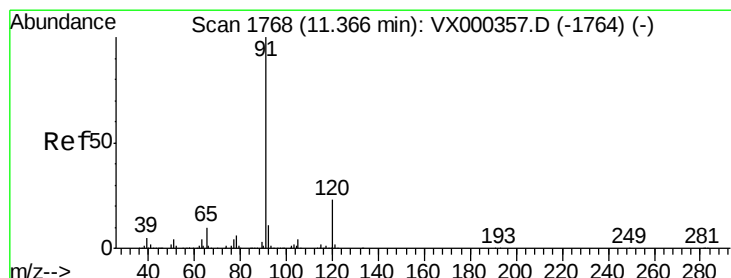
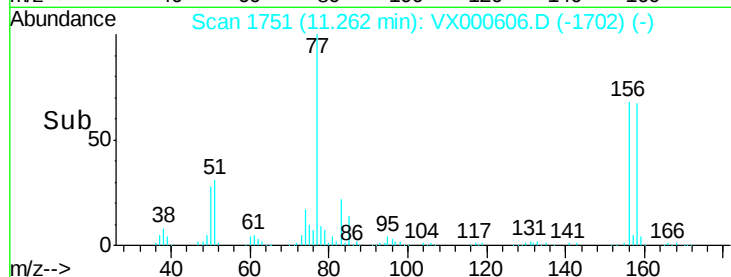
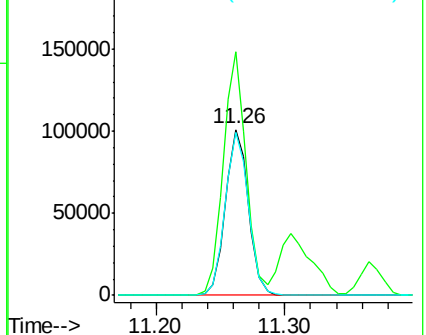
158 99.6 48.5 145.6



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: 45.848 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000606.D

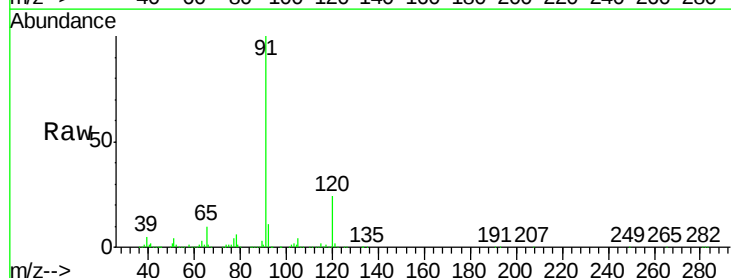
Acq: 31 Mar 2018 20:50

Tgt Ion: 91 Resp: 593273

Ion Ratio Lower Upper

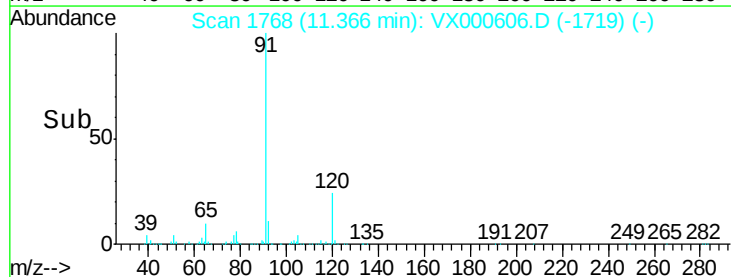
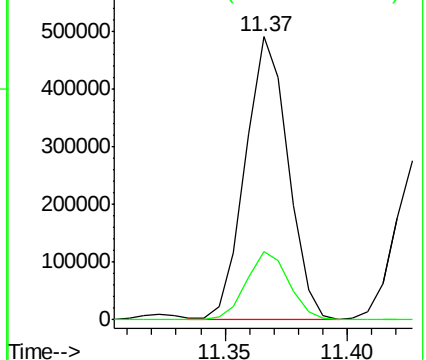
91 100

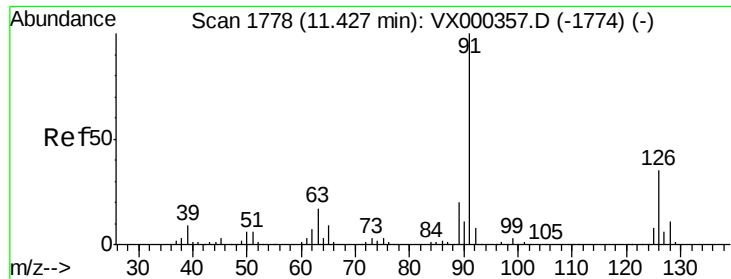
120 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

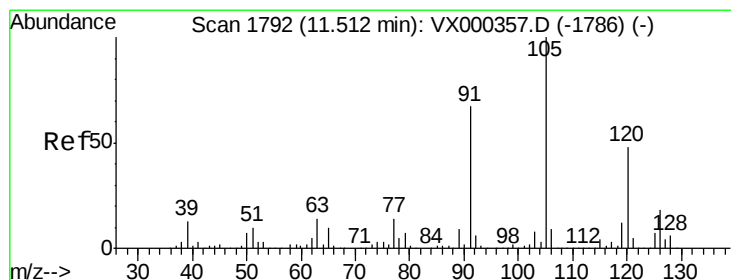
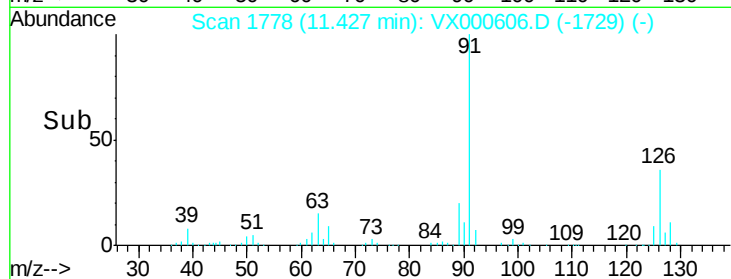
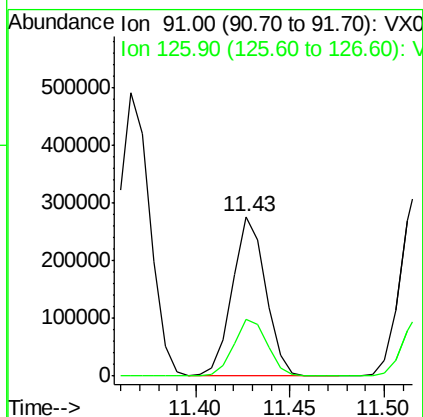
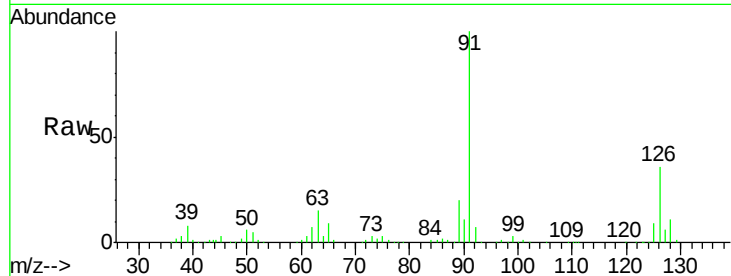




#79
 2-Chlorotoluene
 Concen: 45.142 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

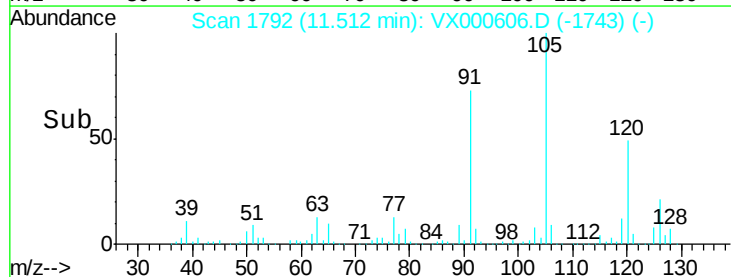
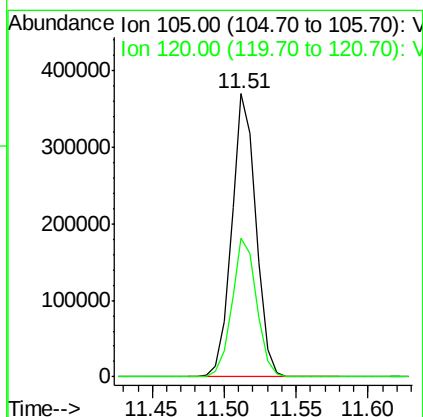
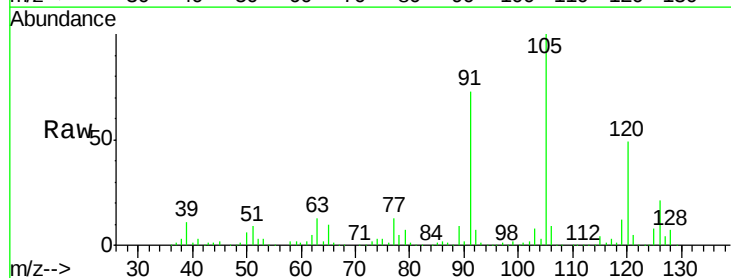
Instrument :
 MSVOA_X
 ClientSampled :

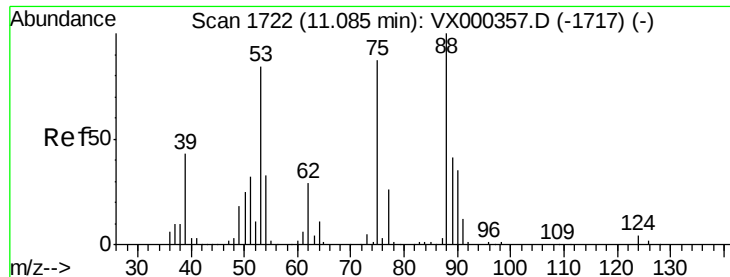
Tot Ion: 91 Resp: 337449
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.753 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 105 Resp: 435738
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.519 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

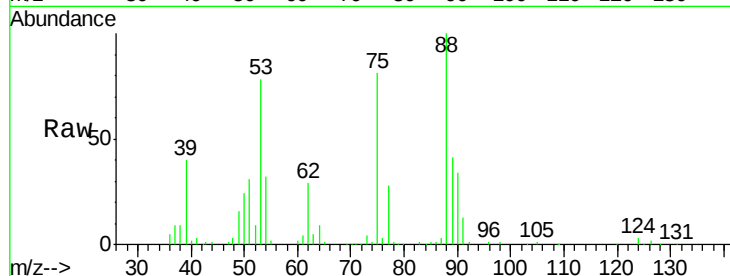
Tot Ion: 75 Resp: 48403

Ion Ratio Lower Upper

75 100

53 96.6 80.7 121.1

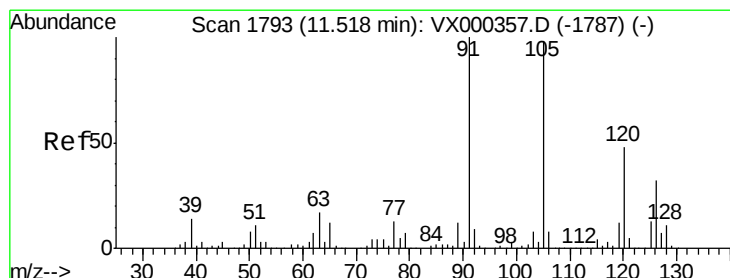
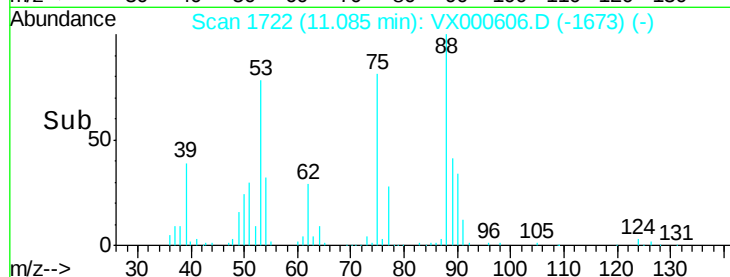
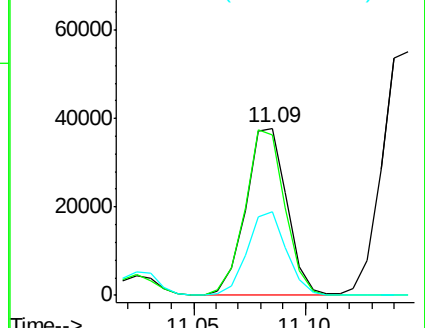
89 48.5 39.4 59.0



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: 47.099 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000606.D

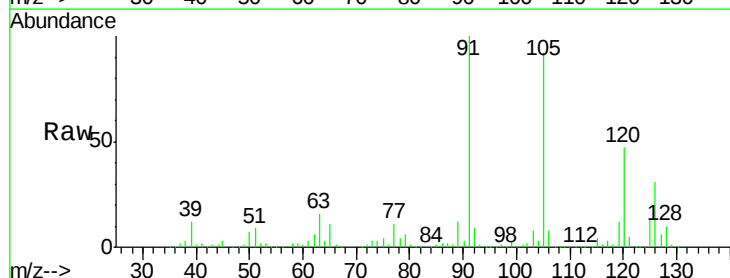
Acq: 31 Mar 2018 20:50

Tgt Ion: 91 Resp: 420386

Ion Ratio Lower Upper

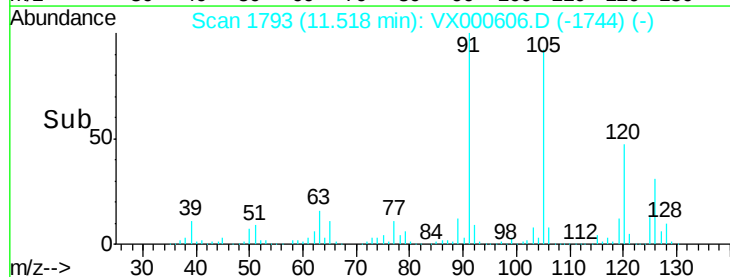
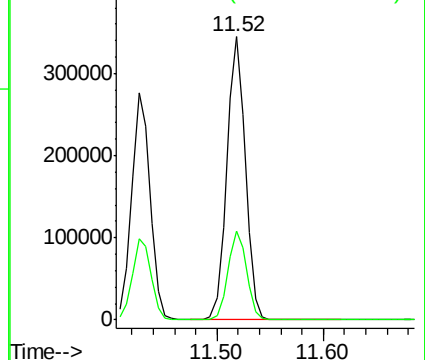
91 100

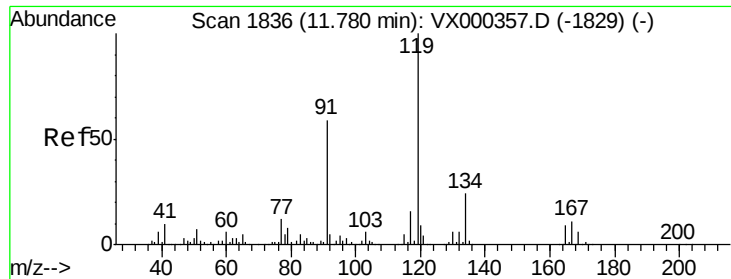
126 31.6 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

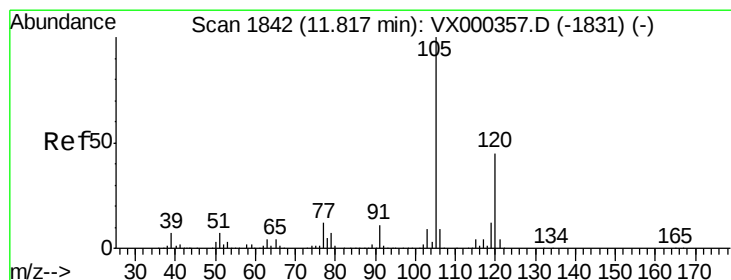
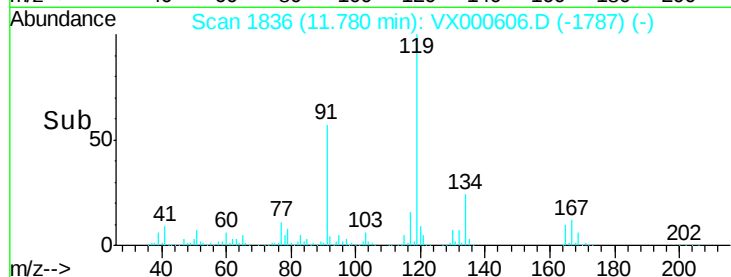
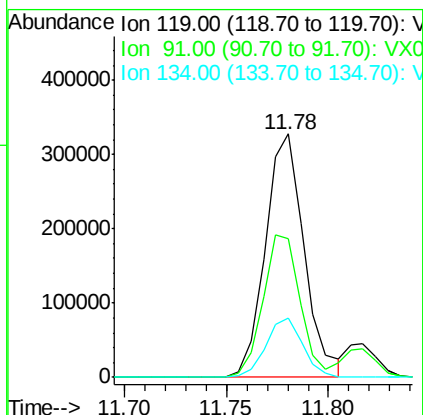
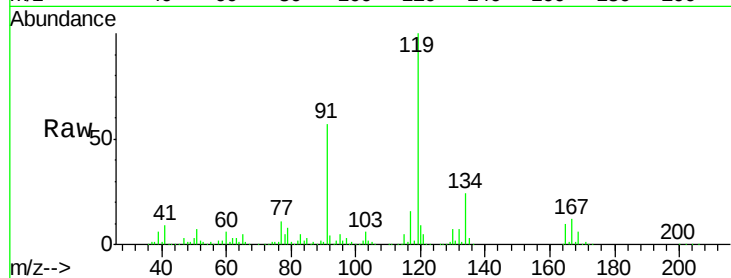




#83
 tert-Butylbenzene
 Concen: 47.185 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

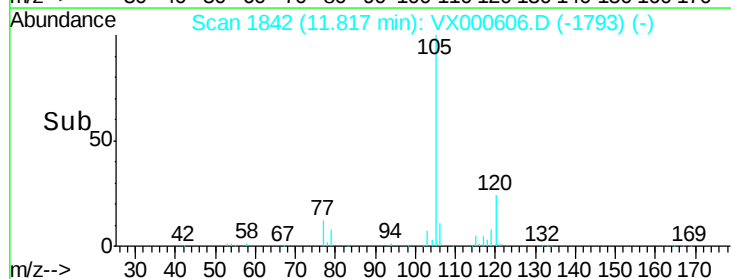
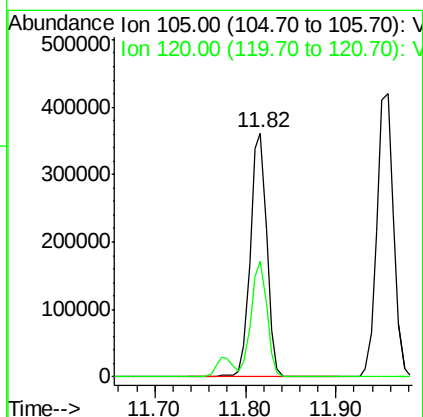
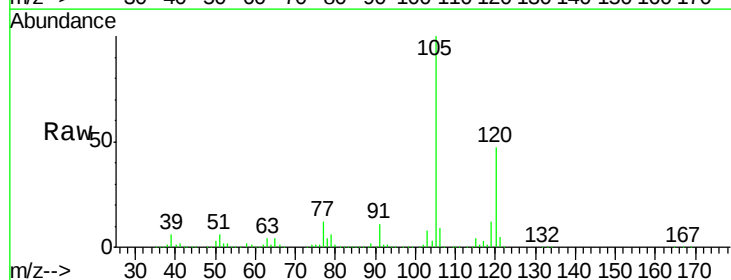
Instrument :
 MSVOA_X
 ClientSampled :

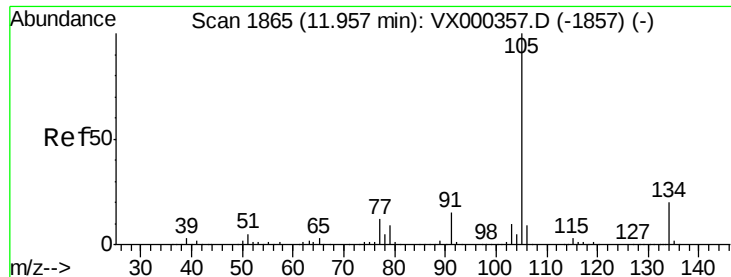
Tot Ion:119 Resp: 434233
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.8 86.4
 134 23.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.340 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion:105 Resp: 452893
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 46.794 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

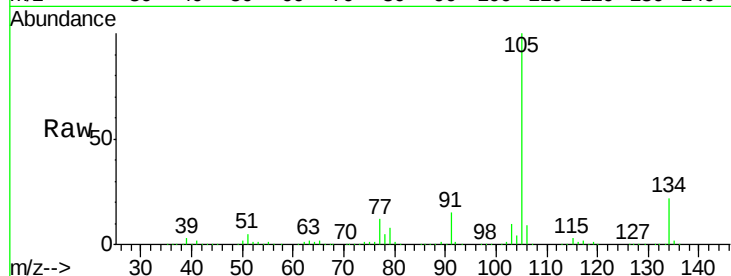
ClientSampled :

Tot Ion:105 Resp: 532843

Ion Ratio Lower Upper

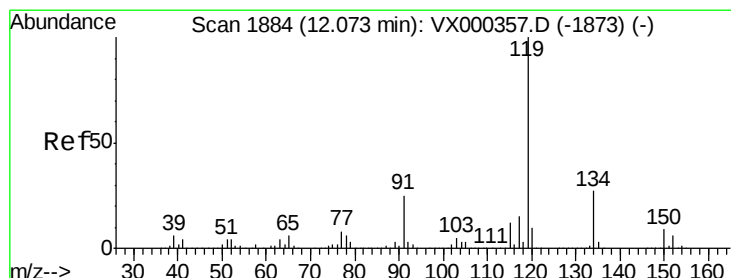
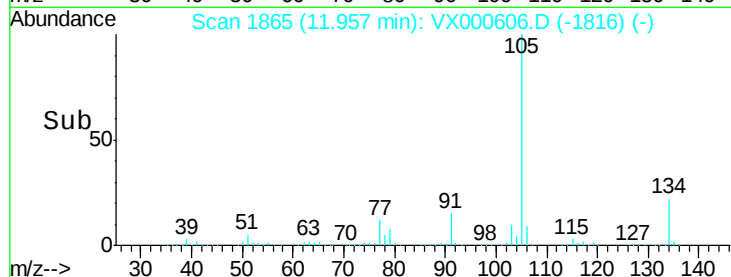
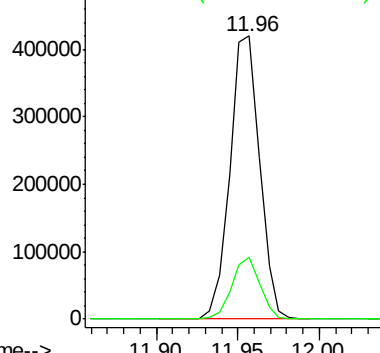
105 100

134 20.7 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: 48.311 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

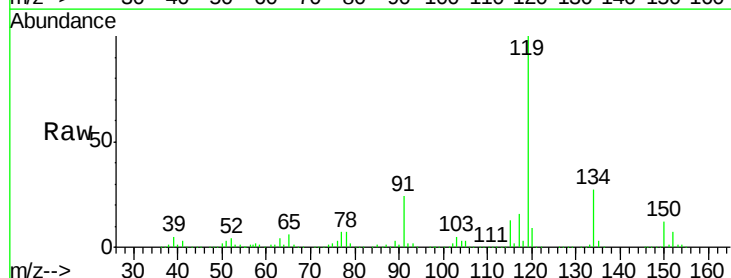
Tgt Ion:119 Resp: 488566

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

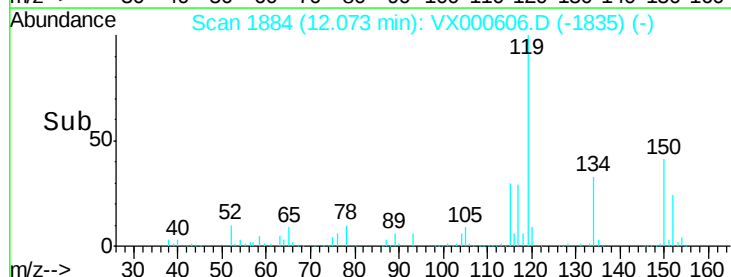
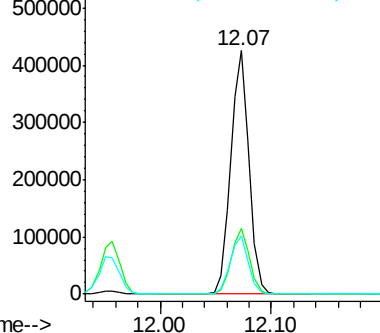
91 23.8 12.0 36.1

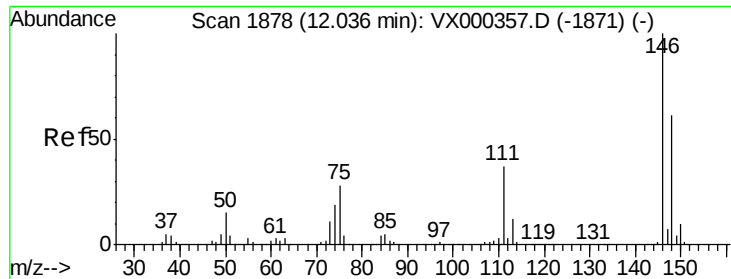


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

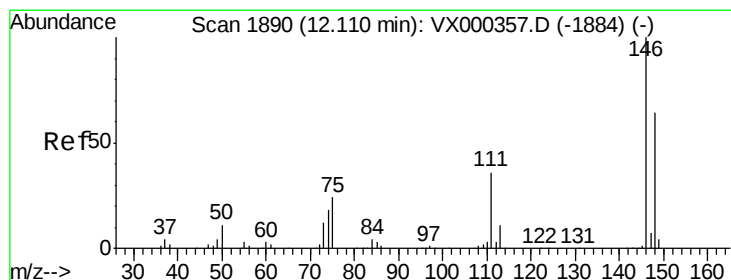
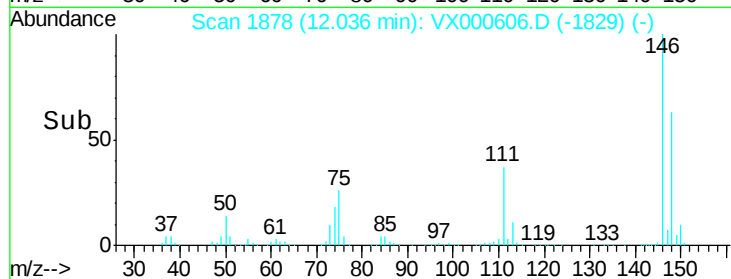
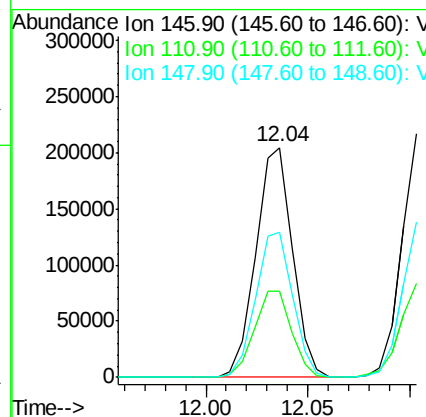
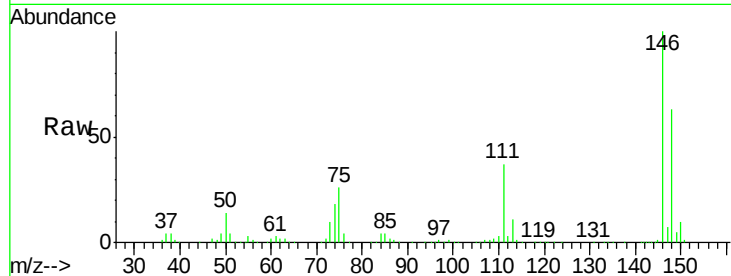




#87
 1,3-Dichlorobenzene
 Concen: 46.864 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

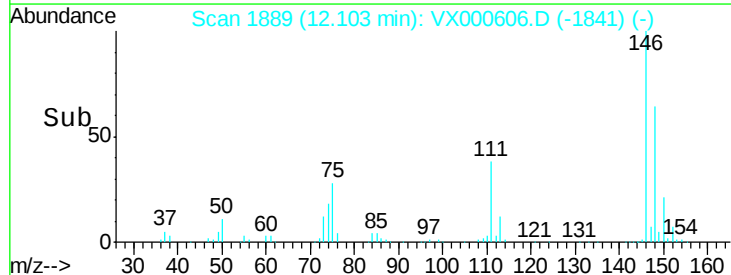
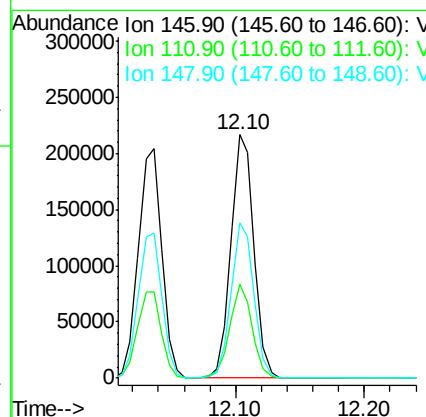
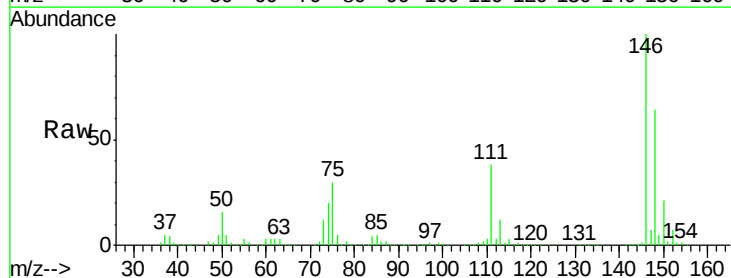
Instrument :
 MSVOA_X
 ClientSampled :

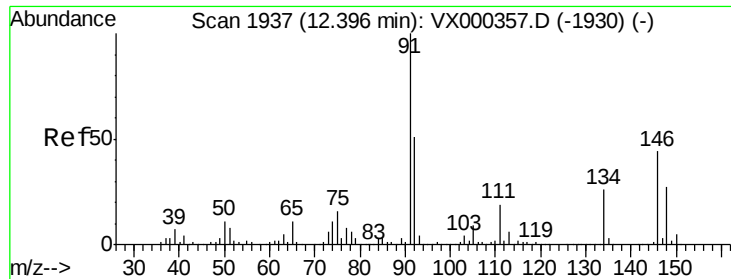
Tot Ion:146 Resp: 256167
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.5 58.5
 148 64.1 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 47.362 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion:146 Resp: 271804
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.9
 148 63.3 31.0 93.0

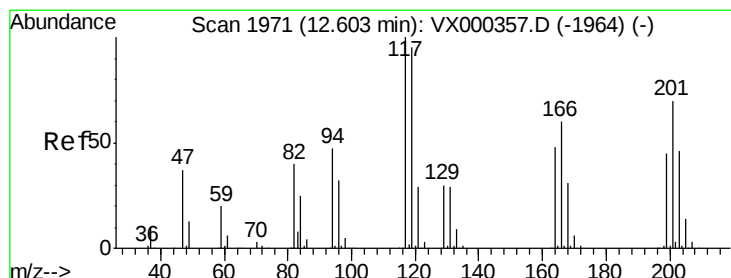
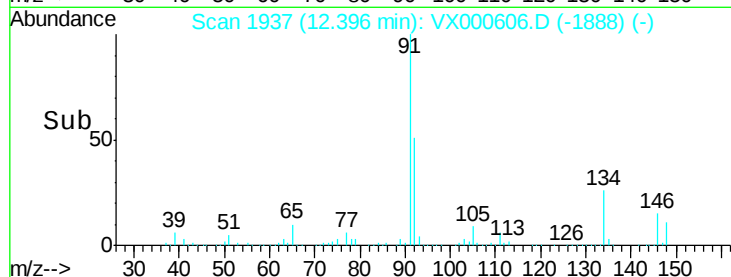
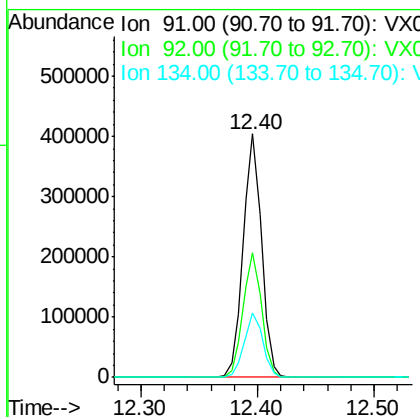
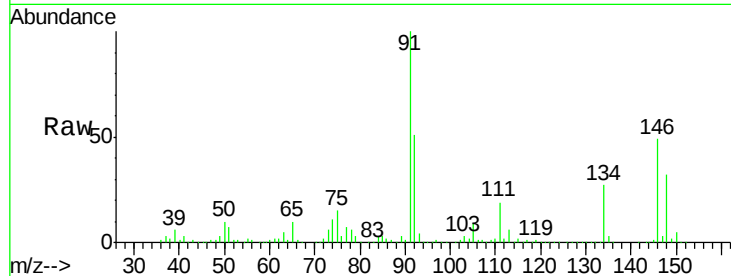




#89
n-Butylbenzene
Concen: 47.469 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

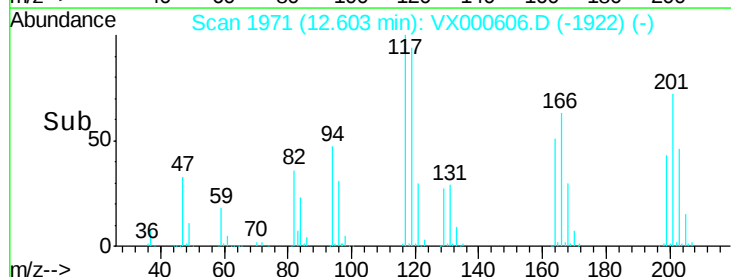
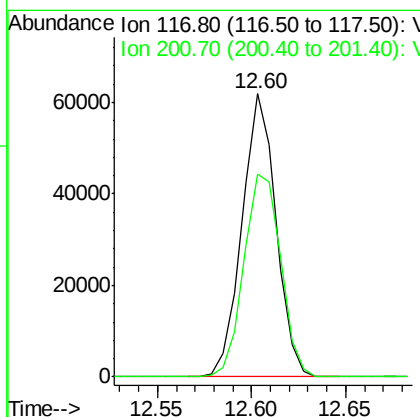
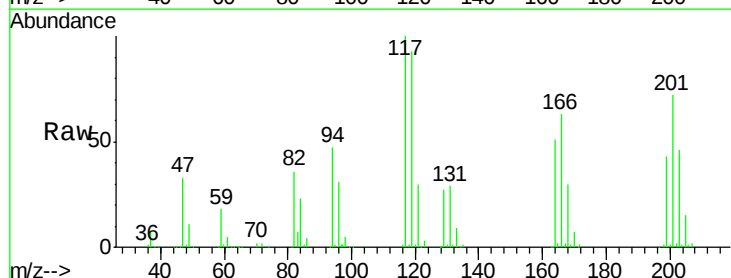
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 446964
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.8
134 26.7 13.1 39.3



#90
Hexachloroethane
Concen: 48.607 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000606.D
Acq: 31 Mar 2018 20:50

Tgt Ion: 117 Resp: 77371
Ion Ratio Lower Upper
117 100
201 77.5 37.9 113.6

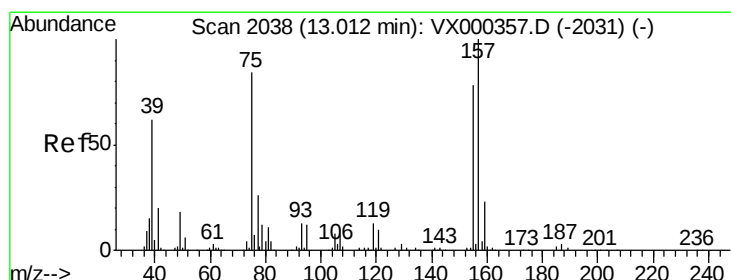
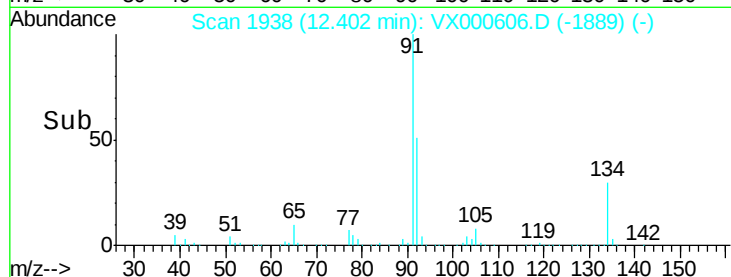
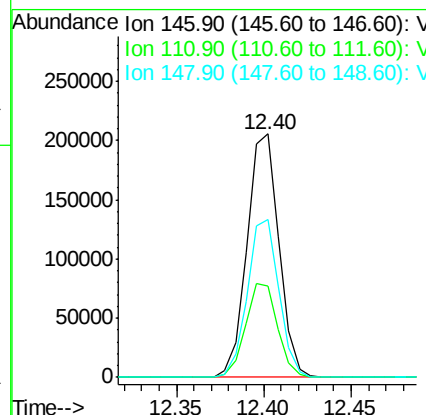
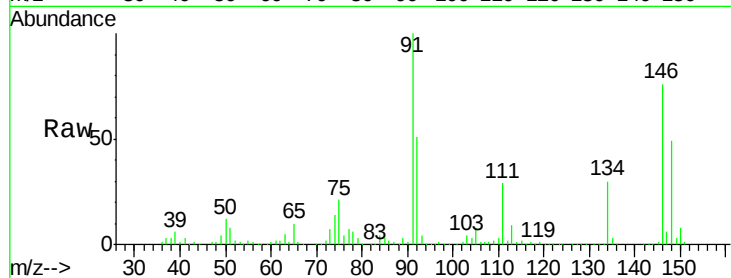




#91
 1,2-Dichlorobenzene
 Concen: 48.488 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

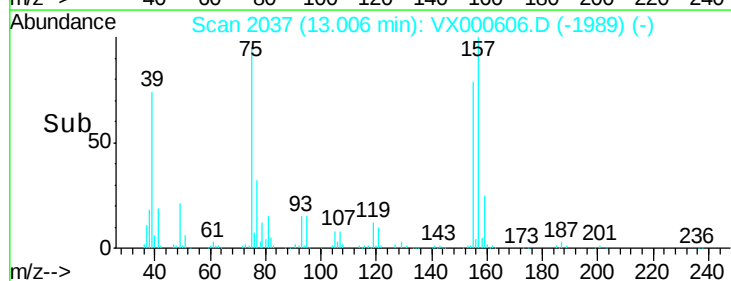
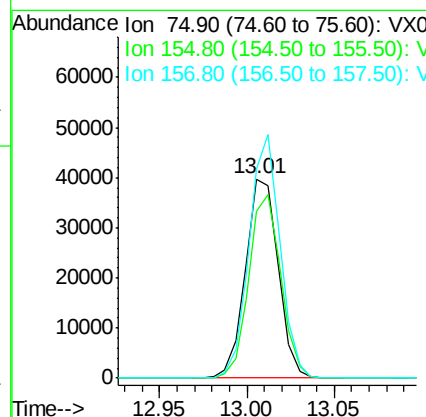
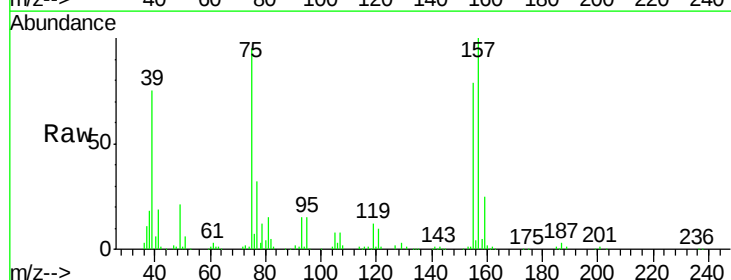
Instrument :
 MSVOA_X
 ClientSampleId :

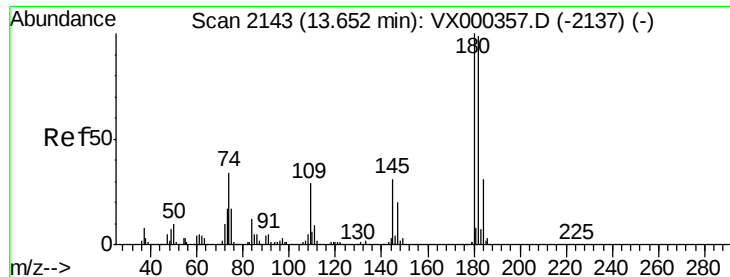
Tot Ion:146 Resp: 259847
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 64.4 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.254 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion: 75 Resp: 51656
 Ion Ratio Lower Upper
 75 100
 155 90.0 45.0 134.8
 157 115.2 58.1 174.2

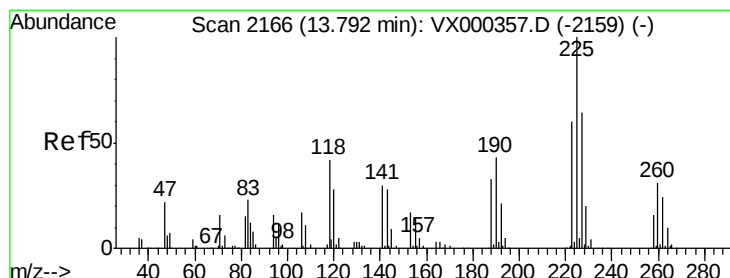
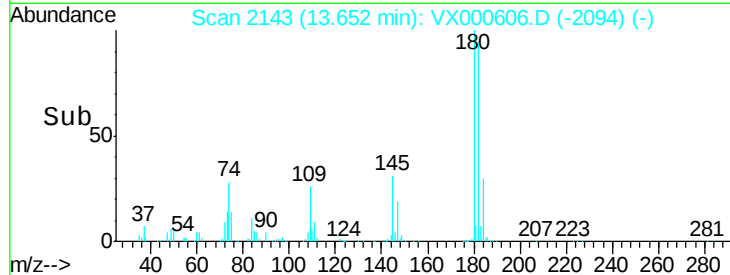
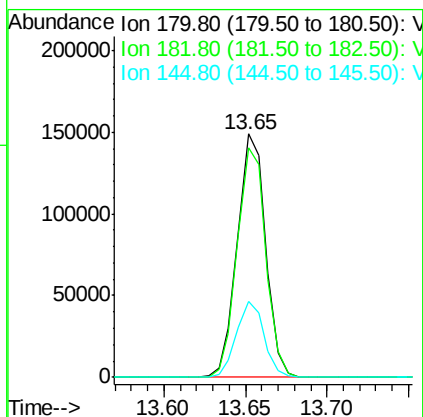
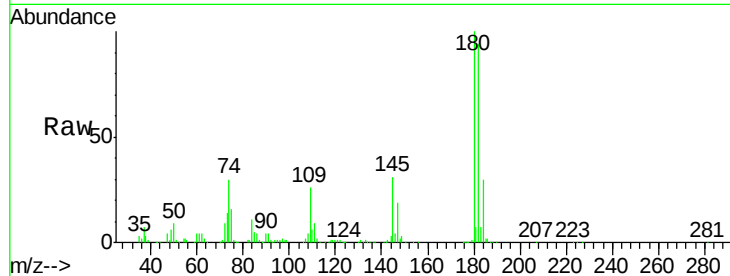




#93
 1,2,4-Trichlorobenzene
 Concen: 46.907 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

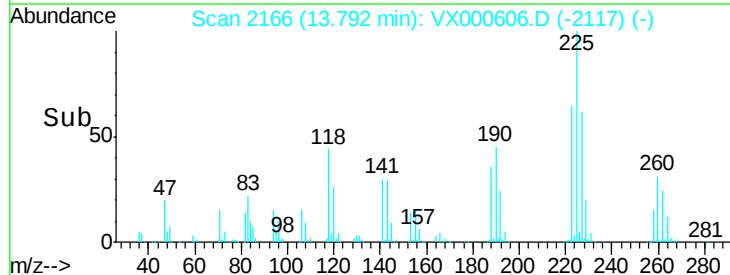
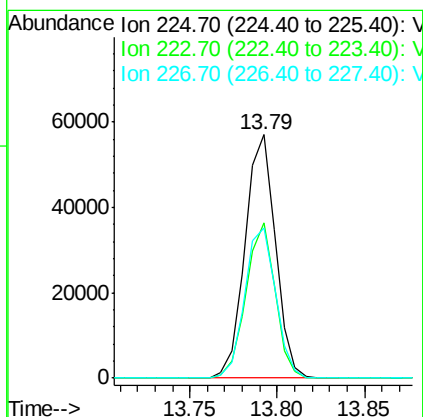
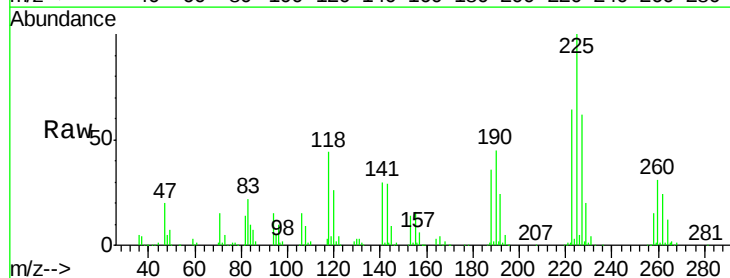
Instrument :
 MSVOA_X
 ClientSampleId :

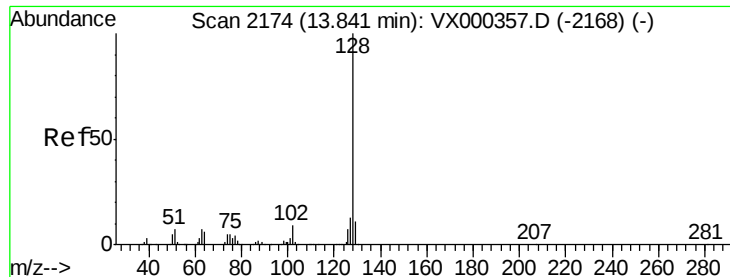
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.9
145	30.4	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 43.333 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000606.D
 Acq: 31 Mar 2018 20:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.0	96.0
227	63.3	32.6	98.0





#95

Naphthalene

Concen: 49.262 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

Instrument :

MSVOA_X

ClientSampleId :

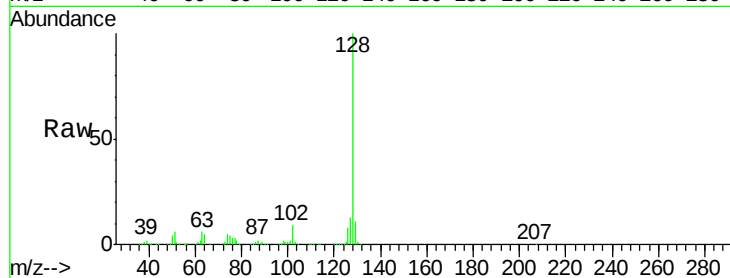
Tot Ion:128 Resp: 659277

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

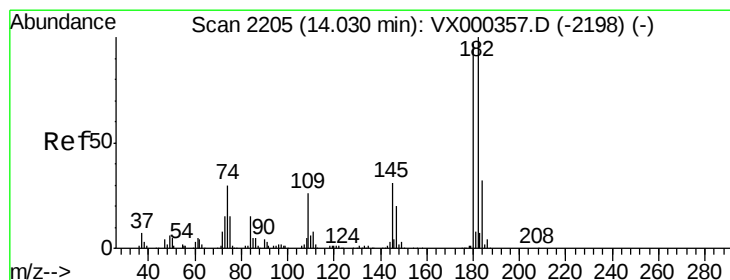
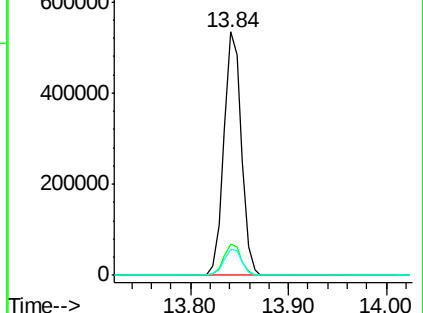
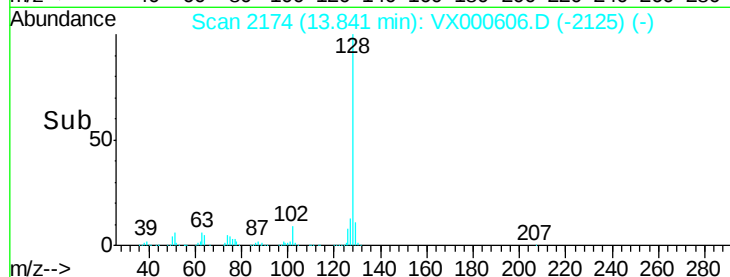
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.502 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000606.D

Acq: 31 Mar 2018 20:50

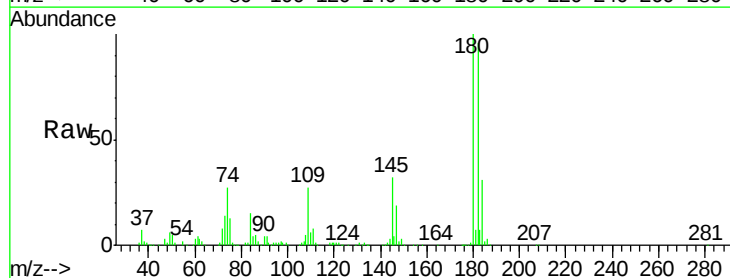
Tgt Ion:180 Resp: 180331

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 31.6 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

