

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002211.D
 Acq On : 01 Jun 2018 10:59
 Operator : JC/MD
 Sample : VX0531WBS06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 15:27:01 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181358	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	192800	52.93	ug/l	0.00
Spiked Amount			Recovery	=	105.86%	
35) Dibromofluoromethane	5.51	113	142572	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
50) Toluene-d8	8.72	98	557304	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	207293	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	41933	15.022	ug/l	97
3) Chloromethane	1.32	50	57098	18.213	ug/l	99
4) Vinyl Chloride	1.41	62	59202	19.557	ug/l	99
5) Bromomethane	1.64	94	37087	26.158	ug/l	99
6) Chloroethane	1.73	64	39142	21.935	ug/l	100
7) Trichlorofluoromethane	1.93	101	100230	22.048	ug/l	100
8) Diethyl Ether	2.19	74	39492	23.943	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56944	22.448	ug/l	97
10) Methyl Iodide	2.51	142	61061	17.790	ug/l	97
11) Tert butyl alcohol	3.07	59	89718	125.490	ug/l	97
12) 1,1-Dichloroethene	2.38	96	50136	21.110	ug/l	99
13) Acrolein	2.30	56	26772	86.608	ug/l	97
14) Allyl chloride	2.73	41	109666	21.998	ug/l	97
15) Acrylonitrile	3.15	53	177081	120.448	ug/l	98
16) Acetone	2.45	43	197580	140.562	ug/l	99
17) Carbon Disulfide	2.57	76	109230	15.980	ug/l	99
18) Methyl Acetate	2.78	43	90175	26.087	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	207766	23.259	ug/l	99
20) Methylene Chloride	2.86	84	61094	24.243	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55289	23.061	ug/l	93
22) Diisopropyl ether	3.87	45	199001	19.624	ug/l	94
23) Vinyl Acetate	3.83	43	852151	101.355	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112511	23.357	ug/l	99
25) 2-Butanone	4.71	43	250154	97.099	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80341	16.478	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	57288	18.498	ug/l	96
28) Bromochloromethane	5.03	49	49315	23.271	ug/l	100
29) Tetrahydrofuran	5.17	42	156114	93.137	ug/l	100
30) Chloroform	5.22	83	102739	18.931	ug/l	98
31) Cyclohexane	5.58	56	87835	17.502	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86115	17.021	ug/l	97
36) 1,1-Dichloropropene	5.81	75	71864	17.868	ug/l	99
37) Ethyl Acetate	4.87	43	91968	17.539	ug/l	100
38) Carbon Tetrachloride	5.79	117	74678	15.922	ug/l	94

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 ClientSampleId :

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89494	18.112	ug/l	98
40) Benzene	6.15	78	224787	19.077	ug/l	99
41) Methacrylonitrile	5.06	41	52168	17.982	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92084	19.564	ug/l	99
43) Isopropyl Acetate	6.47	43	154620	17.698	ug/l	99
44) Trichloroethene	7.22	130	63621	18.528	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61203	19.126	ug/l	99
46) Dibromomethane	7.67	93	40455	19.095	ug/l	98
47) Bromodichloromethane	7.90	83	71332	15.791	ug/l	98
48) Methyl methacrylate	7.78	41	78927	17.750	ug/l	98
49) 1,4-Dioxane	7.76	88	29527	376.819	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	506696	96.208	ug/l	99
52) Toluene	8.79	92	146344	19.516	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88453	17.001	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	80202	15.819	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59610	19.029	ug/l	98
56) Ethyl methacrylate	9.18	69	93231	17.303	ug/l	98
57) 1,3-Dichloropropane	9.38	76	100655	19.504	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	205186	85.916	ug/l	99
59) 2-Hexanone	9.50	43	391299	96.356	ug/l	99
60) Dibromochloromethane	9.59	129	55650	14.998	ug/l	98
61) 1,2-Dibromoethane	9.68	107	63272	19.249	ug/l	98
64) Tetrachloroethene	9.34	164	71341	18.325	ug/l	99
65) Chlorobenzene	10.14	112	165873	19.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57695	16.609	ug/l	100
67) Ethyl Benzene	10.26	91	282617	18.909	ug/l	100
68) m/p-Xylenes	10.37	106	218122	38.177	ug/l	99
69) o-Xylene	10.70	106	108634	19.043	ug/l	100
70) Styrene	10.72	104	175501	18.550	ug/l	100
71) Bromoform	10.86	173	41670	12.651	ug/l #	100
73) Isopropylbenzene	11.02	105	290254	18.900	ug/l	99
74) N-amyl acetate	6.47	43	154620	17.348	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86920	19.932	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	102926	23.628	ug/l	82
77) Bromobenzene	11.26	156	77649	19.057	ug/l	97
78) n-propylbenzene	11.37	91	327929	19.065	ug/l	100
79) 2-Chlorotoluene	11.43	91	196430	19.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247261	18.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22196	12.246	ug/l #	81
82) 4-Chlorotoluene	11.51	91	231077	19.048	ug/l	100
83) tert-Butylbenzene	11.77	119	236071	18.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254589	18.771	ug/l	100
85) sec-Butylbenzene	11.95	105	292683	18.905	ug/l	99
86) p-Isopropyltoluene	12.07	119	263024	18.986	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139576	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141612	19.411	ug/l	100
89) n-Butylbenzene	12.39	91	220742	18.805	ug/l	99
90) Hexachloroethane	12.60	117	36750	13.448	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	144744	19.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18951	13.879	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

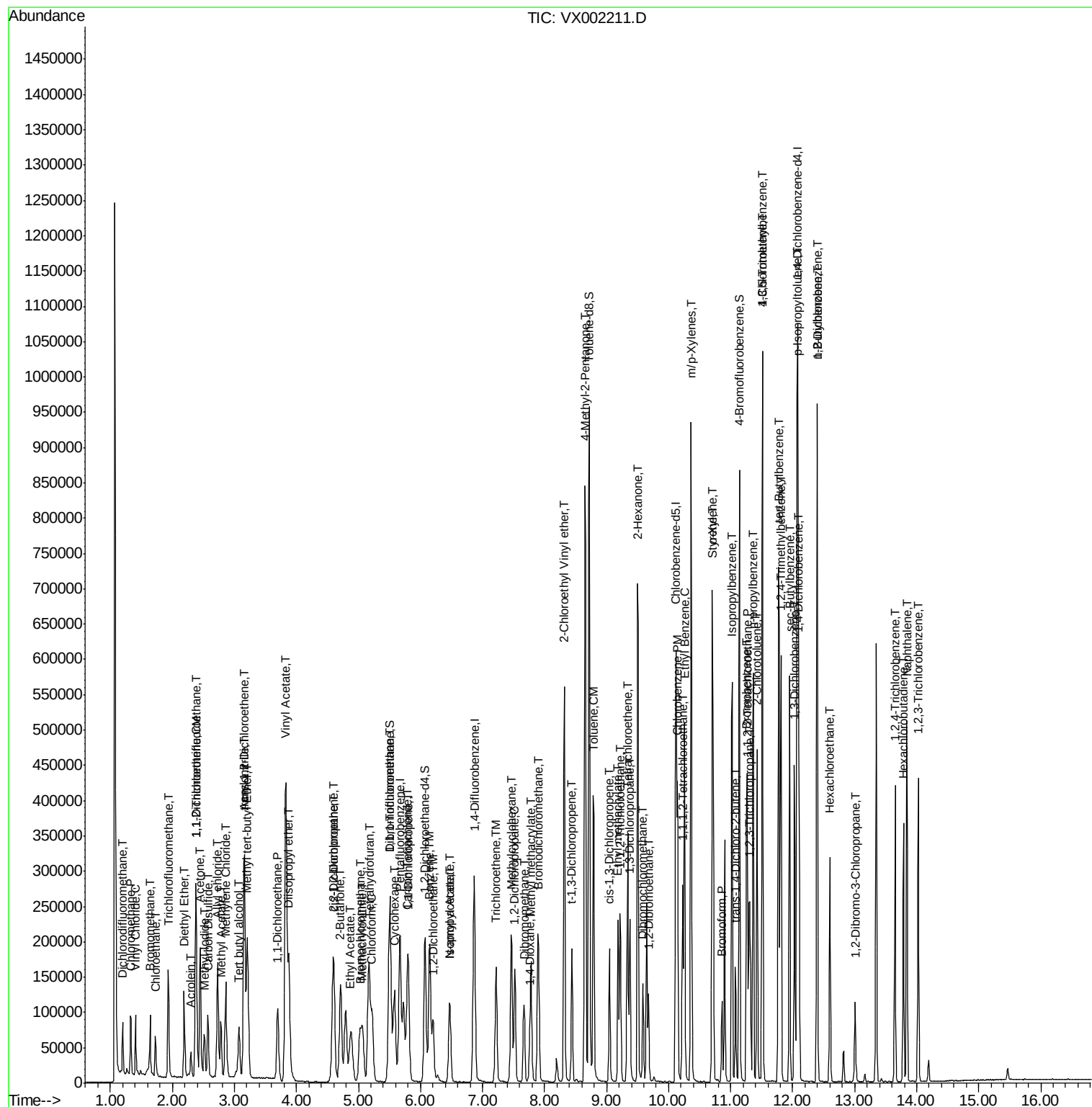
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101176	19.031	ug/l	99
94) Hexachlorobutadiene	13.79	225	53512	18.711	ug/l	98
95) Naphthalene	13.84	128	303952	18.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106145	19.295	ug/l	99

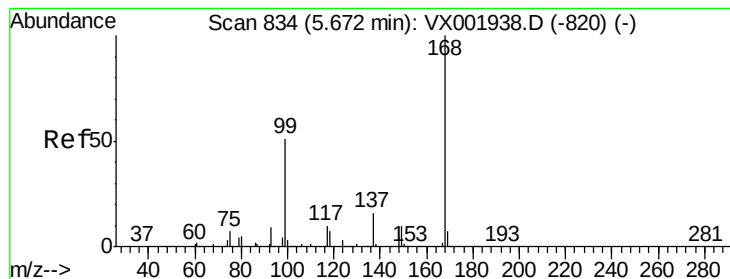
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

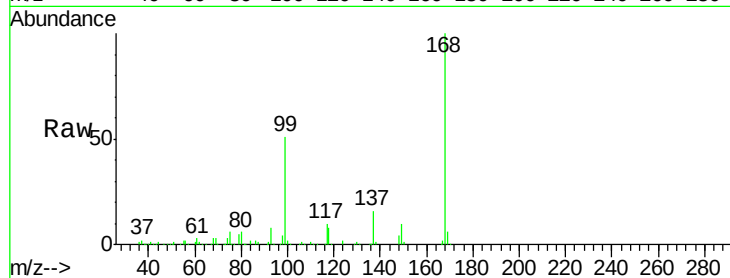
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 203760

Ion Ratio Lower Upper

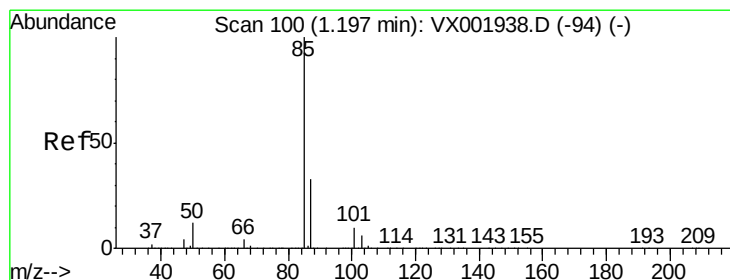
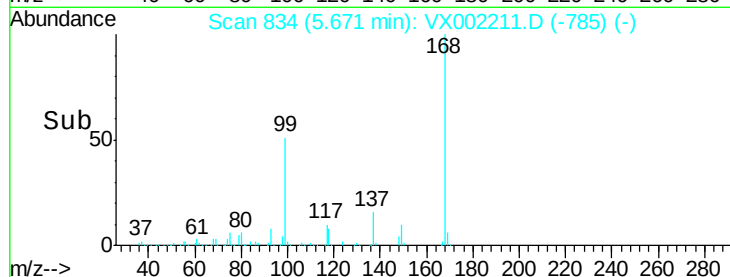
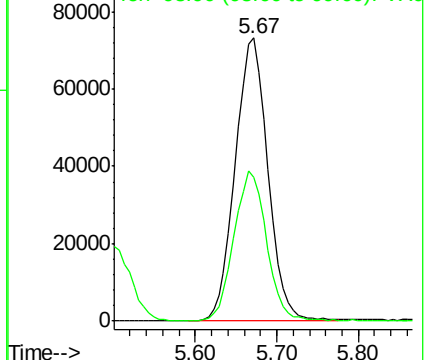
168 100

99 50.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.022 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002211.D

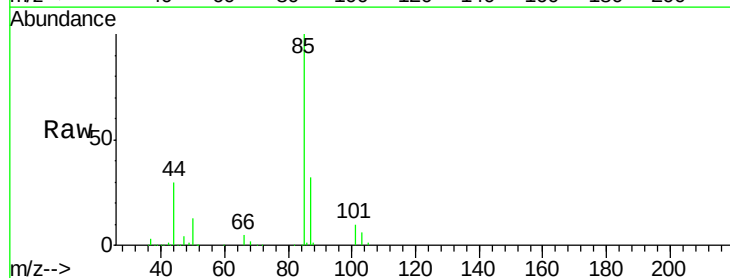
Acq: 01 Jun 2018 10:59

Tgt Ion: 85 Resp: 41933

Ion Ratio Lower Upper

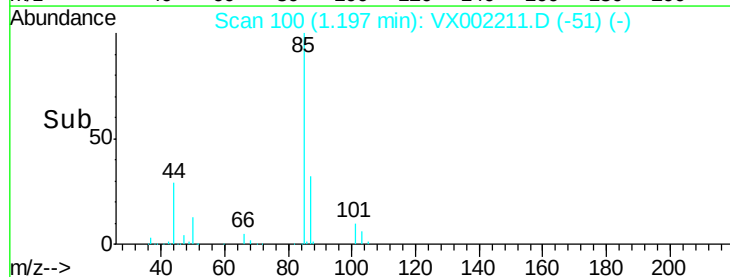
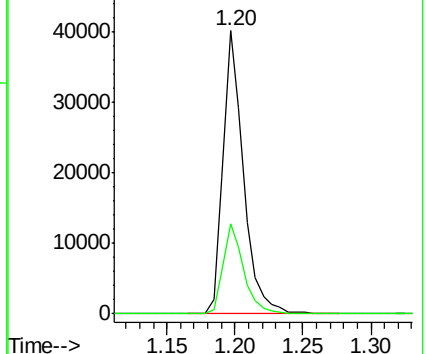
85 100

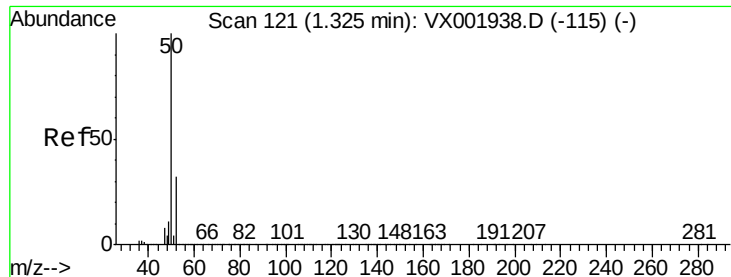
87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

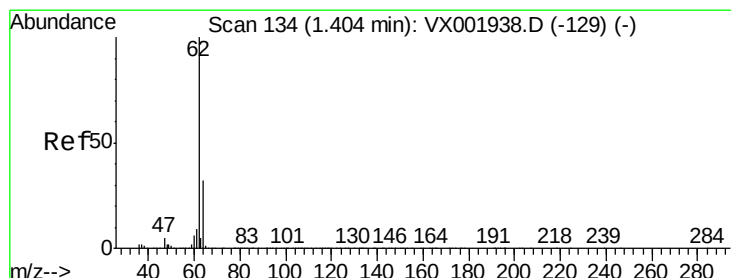
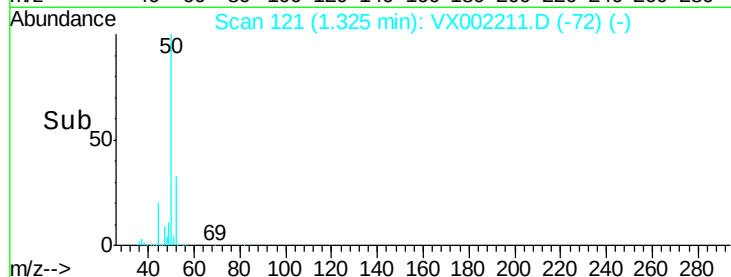
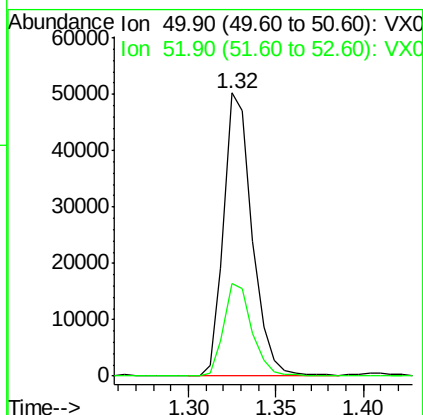
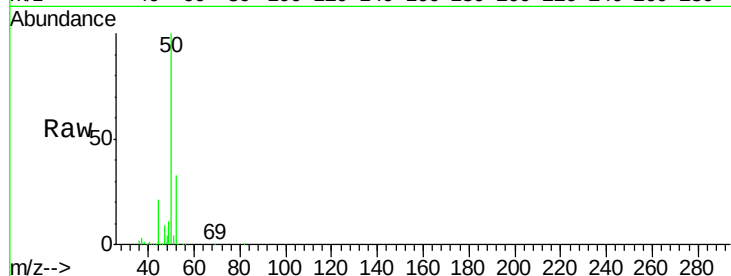




#3
Chloromethane
Concen: 18.213 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

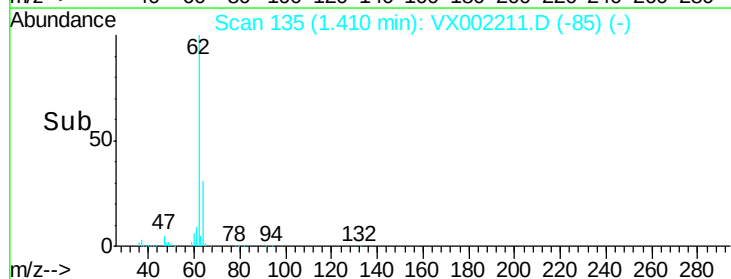
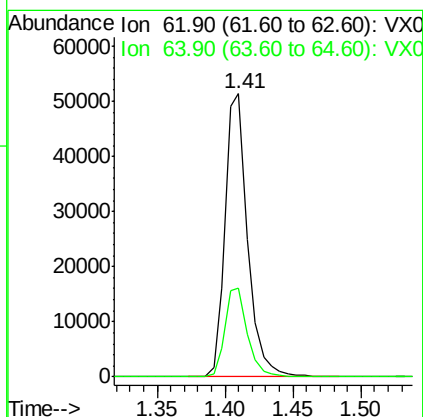
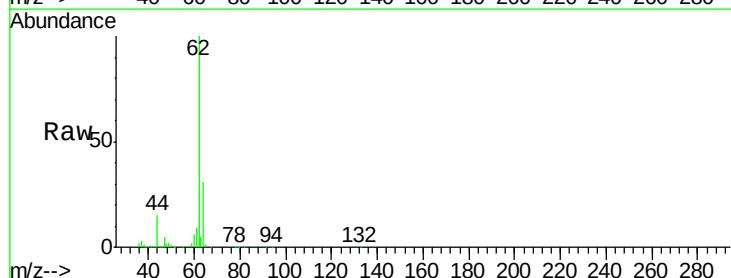
Instrument :
MSVOA_X
ClientSampled :

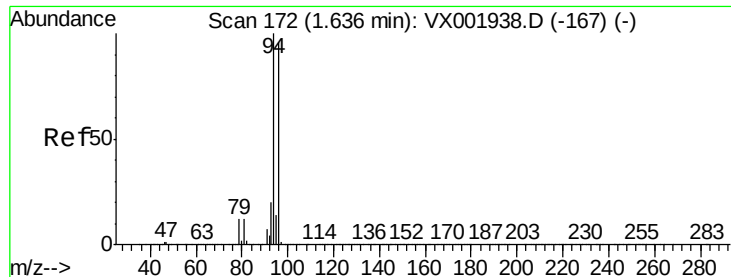
Tot Ion: 50 Resp: 57098
Ion Ratio Lower Upper
50 100
52 33.0 26.0 39.0



#4
Vinyl Chloride
Concen: 19.557 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 62 Resp: 59202
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5

Bromomethane

Concen: 26.158 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

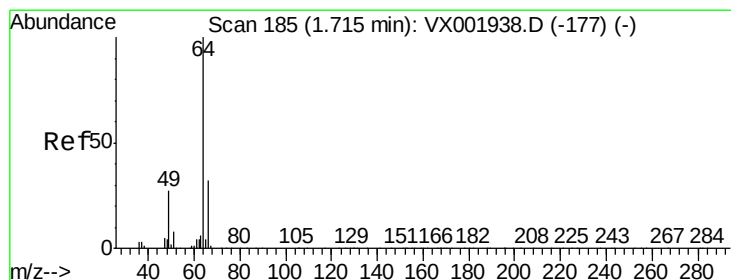
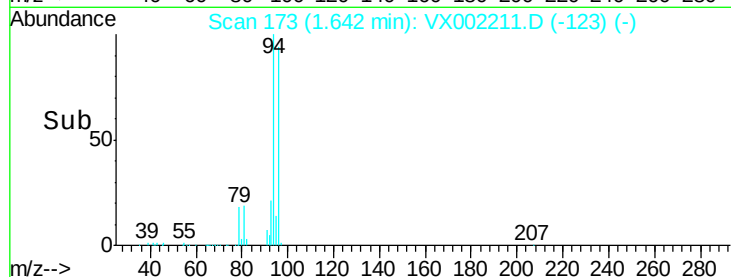
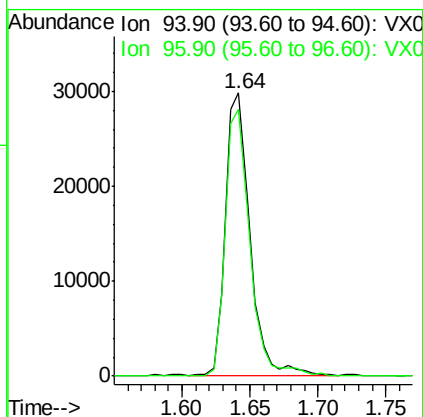
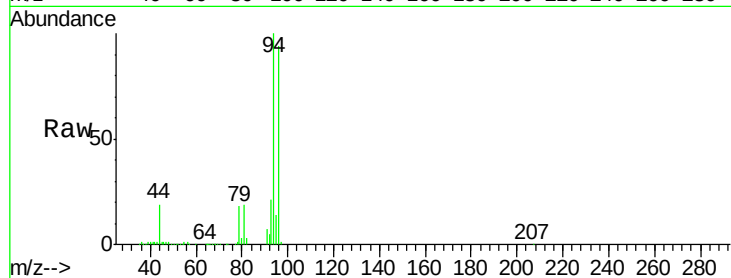
ClientSampleId :

Tot Ion: 94 Resp: 37087

Ion Ratio Lower Upper

94 100

96 94.0 75.9 113.9



#6

Chloroethane

Concen: 21.935 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002211.D

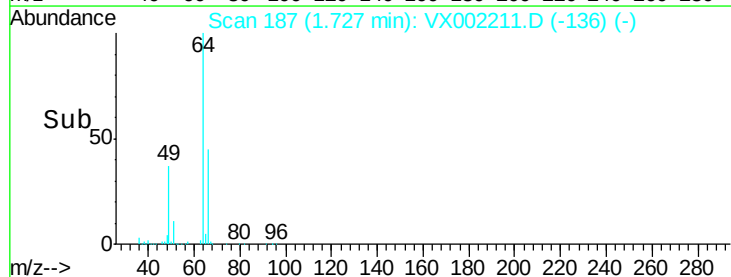
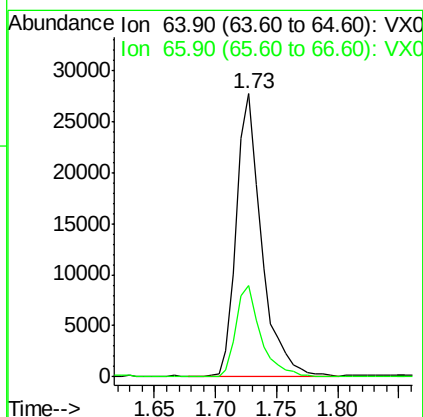
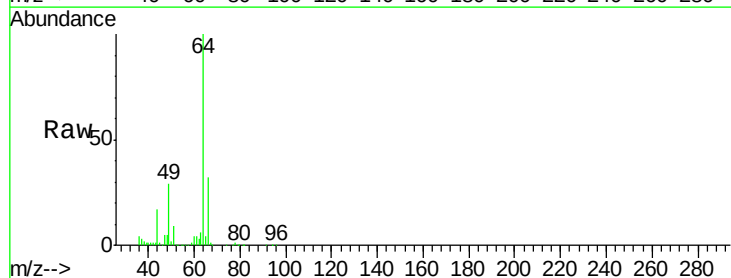
Acq: 01 Jun 2018 10:59

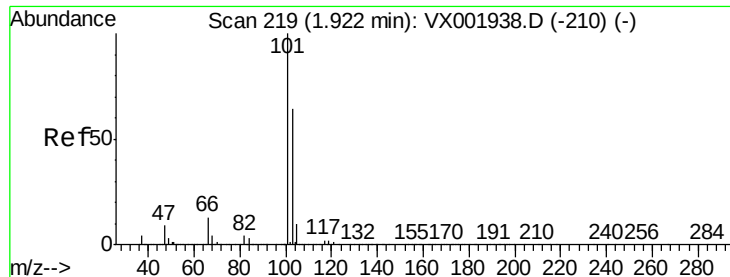
Tgt Ion: 64 Resp: 39142

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



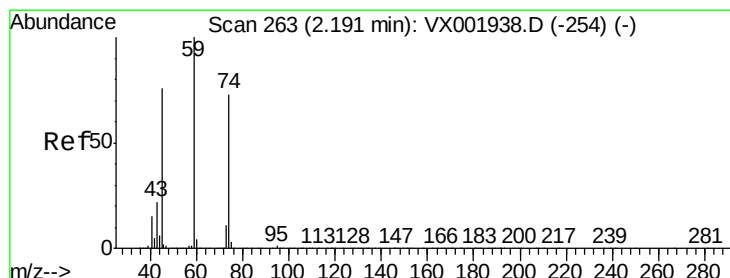
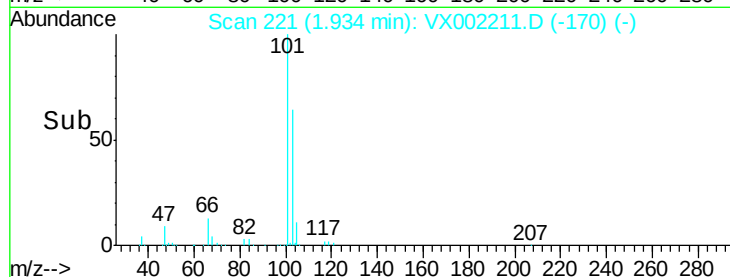
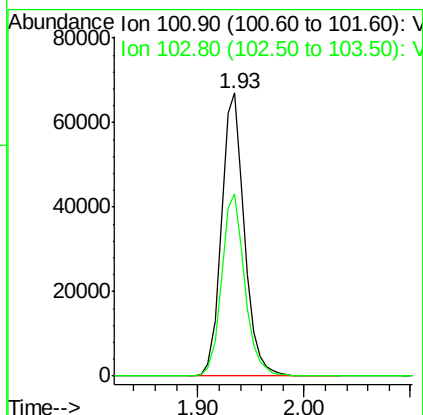
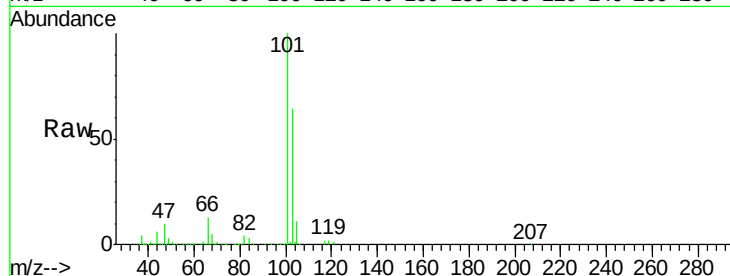


#7

Trichlorofluoromethane
Concen: 22.048 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
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ClientSampleId :

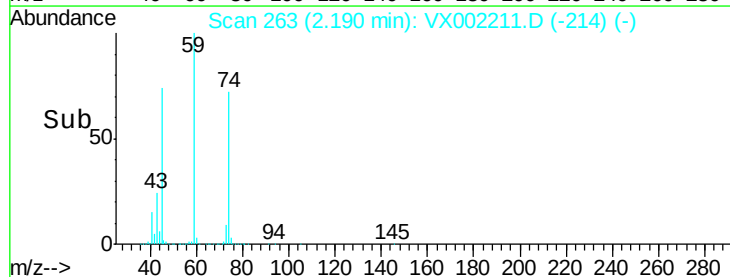
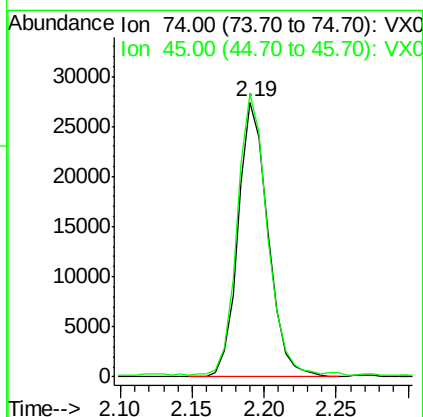
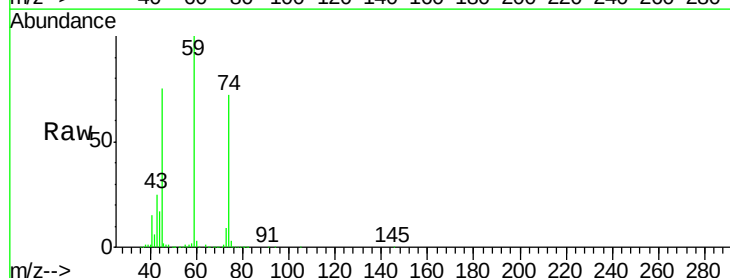
Tot Ion:101 Resp: 100230
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0

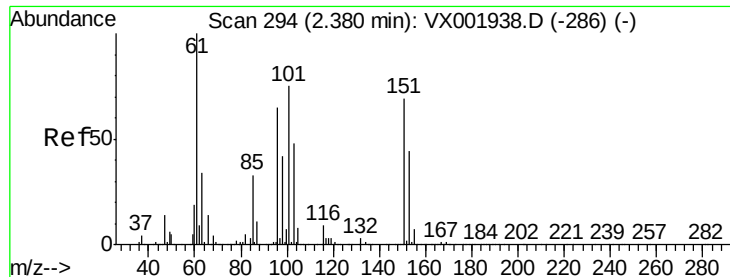


#8

Diethyl Ether
Concen: 23.943 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 74 Resp: 39492
Ion Ratio Lower Upper
74 100
45 103.0 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.448 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

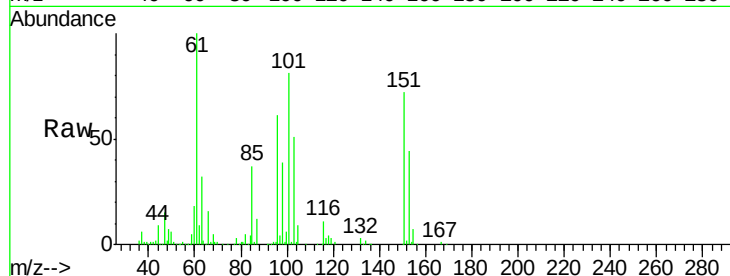
Tot Ion:101 Resp: 56944

Ion Ratio Lower Upper

101 100

85 46.0 35.6 53.4

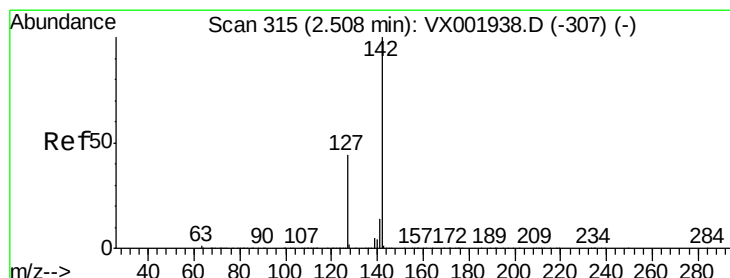
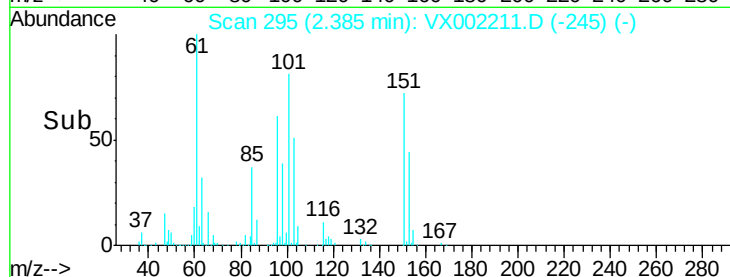
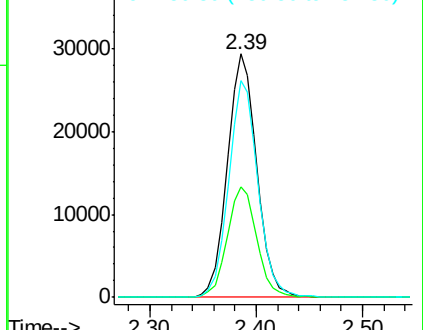
151 88.0 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.790 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

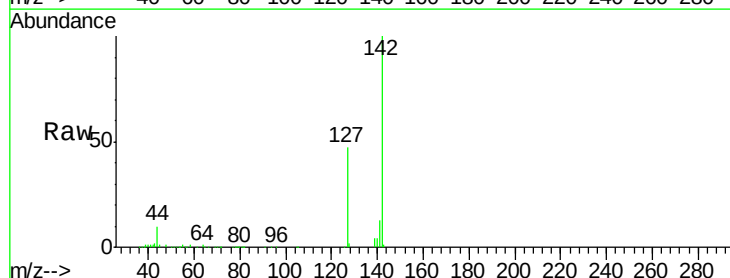
Tgt Ion:142 Resp: 61061

Ion Ratio Lower Upper

142 100

127 47.1 35.5 53.3

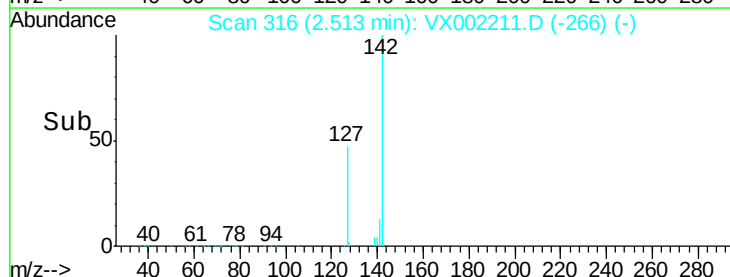
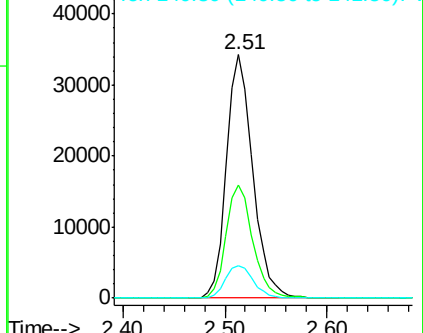
141 14.5 11.3 16.9

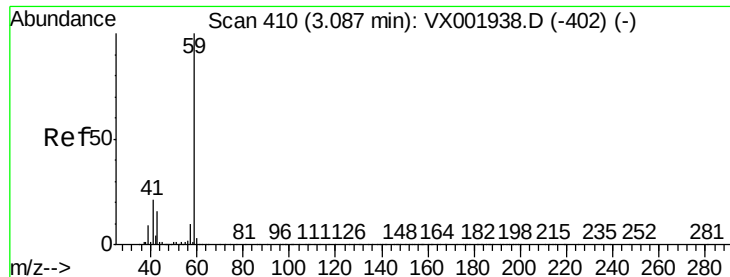


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

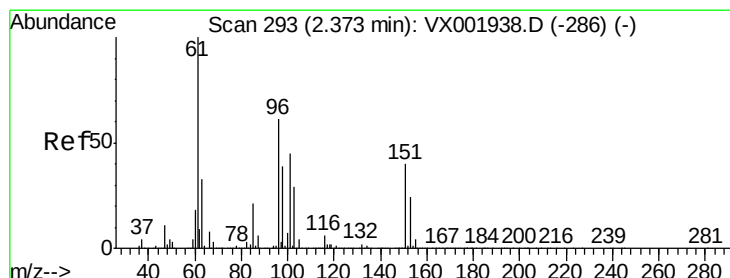
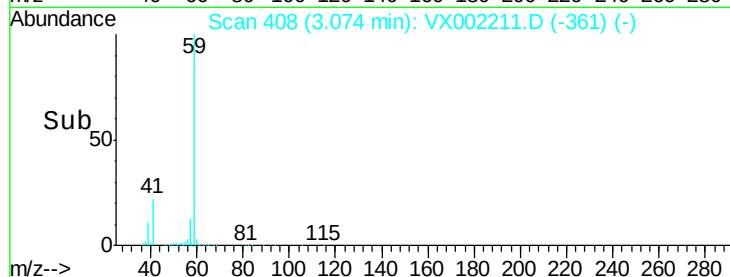
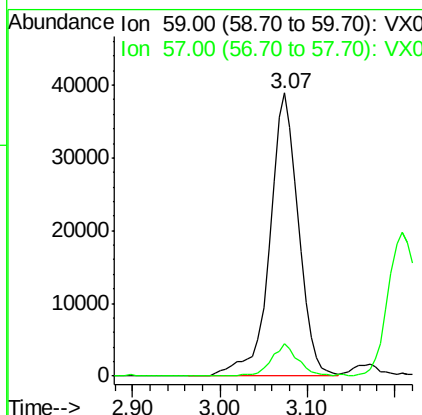
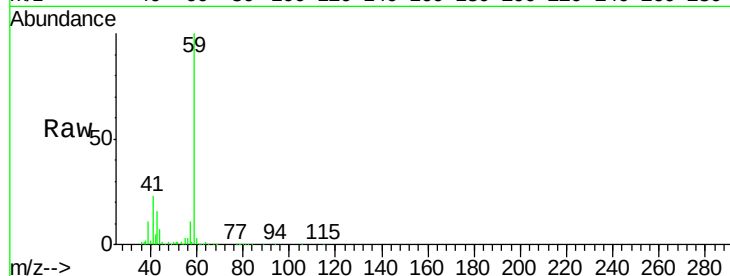




#11
Tert butyl alcohol
Concen: 125.490 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

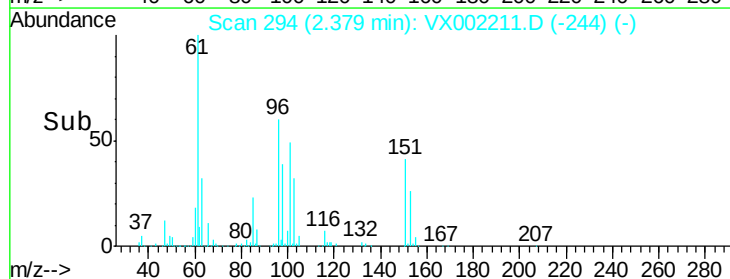
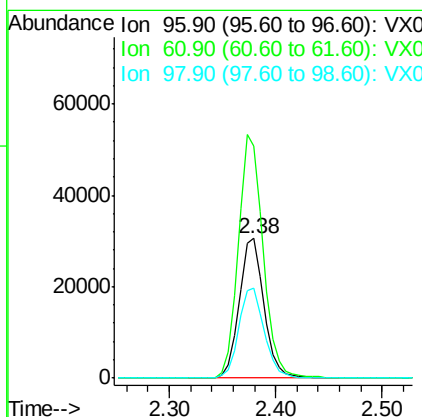
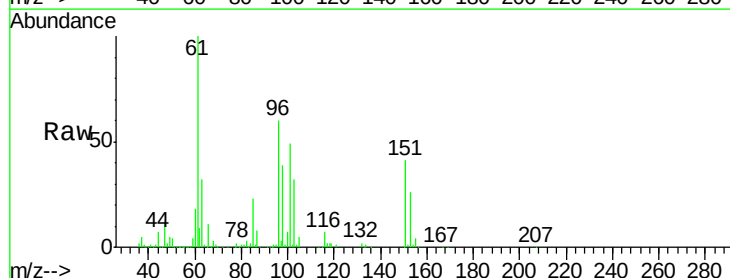
Instrument :
MSVOA_X
ClientSampled :

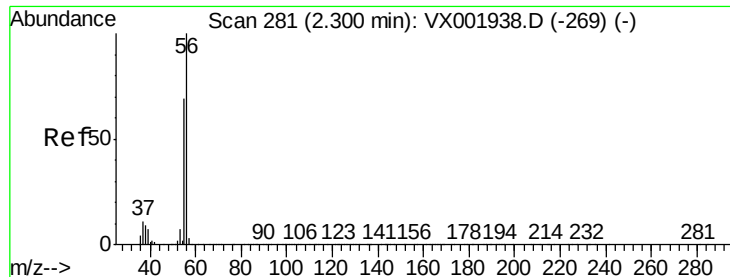
Tot Ion: 59 Resp: 89718
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 21.110 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 96 Resp: 50136
Ion Ratio Lower Upper
96 100
61 166.0 131.7 197.5
98 64.8 51.6 77.4

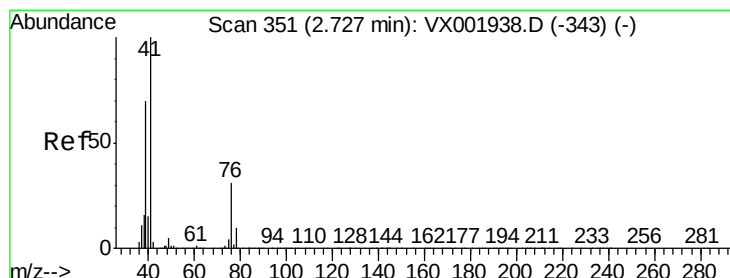
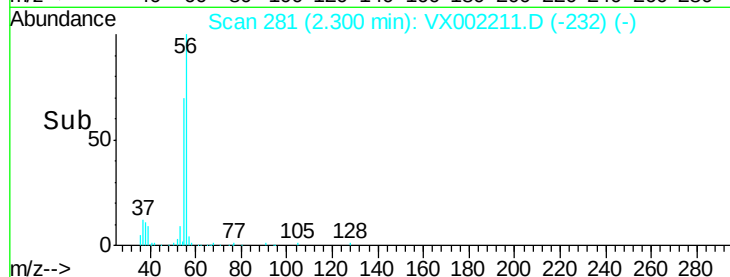
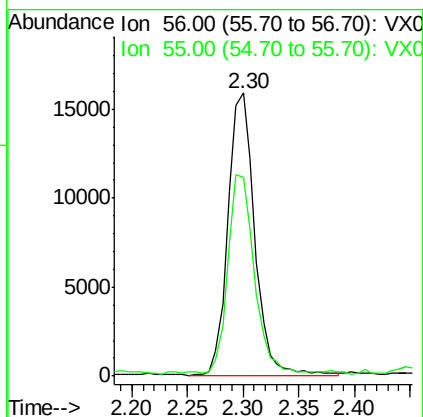
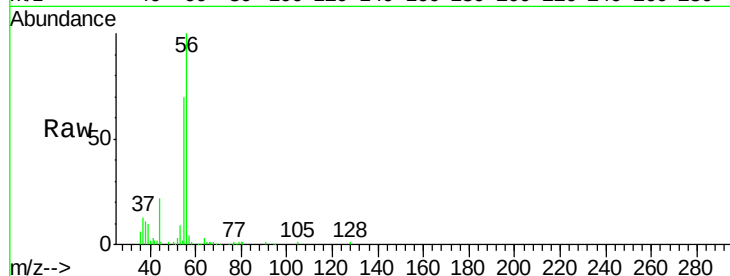




#13
 Acrolein
 Concen: 86.608 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

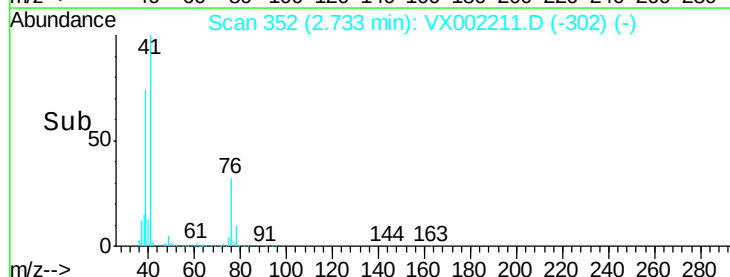
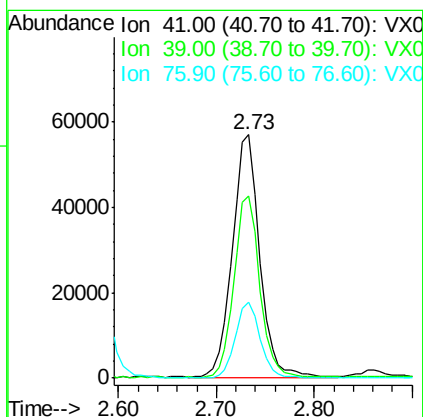
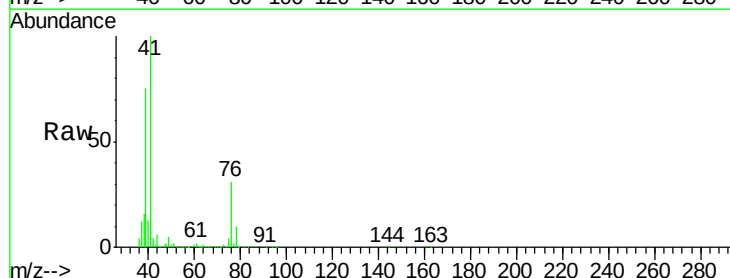
Instrument :
 MSVOA_X
 ClientSampled :

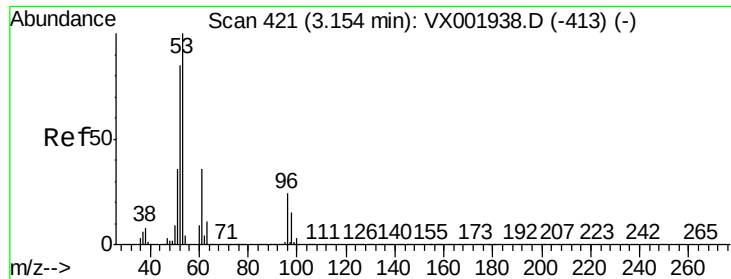
Tot Ion: 56 Resp: 26772
 Ion Ratio Lower Upper
 56 100
 55 68.3 56.8 85.2



#14
 Allyl chloride
 Concen: 21.998 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion: 41 Resp: 109666
 Ion Ratio Lower Upper
 41 100
 39 70.8 54.3 81.5
 76 28.8 24.2 36.4





#15

Acrylonitrile

Concen: 120.448 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

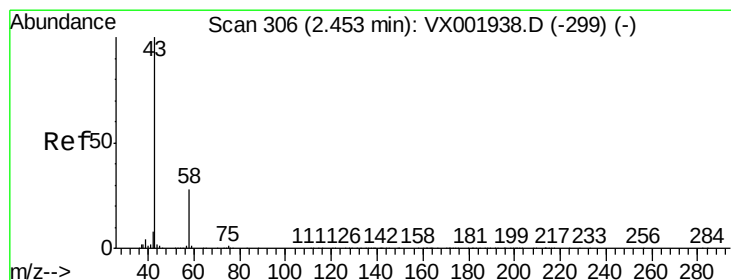
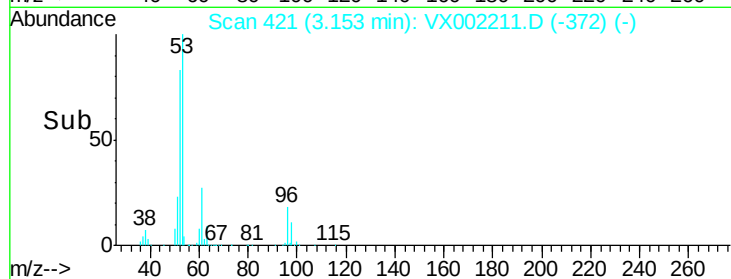
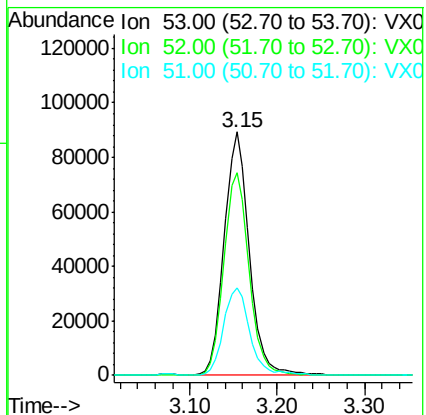
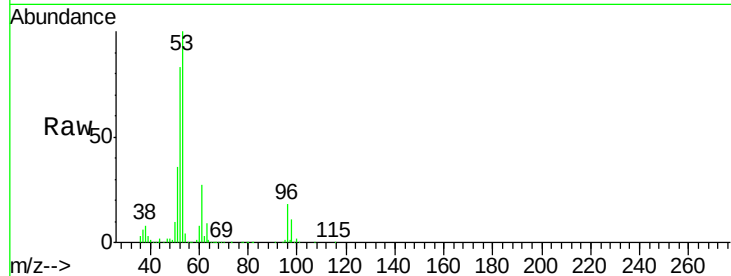
Tot Ion: 53 Resp: 177081

Ion Ratio Lower Upper

53 100

52 84.2 66.4 99.6

51 38.0 29.3 43.9



#16

Acetone

Concen: 140.562 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002211.D

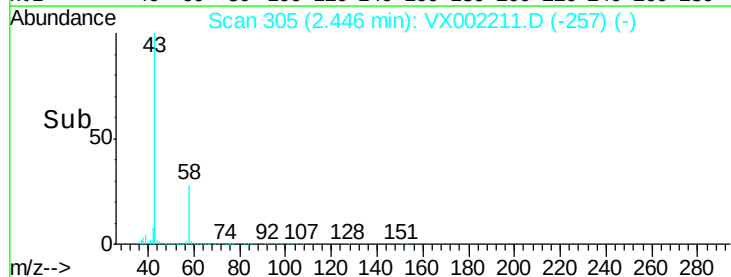
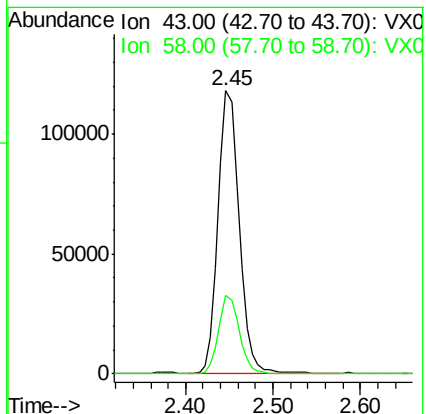
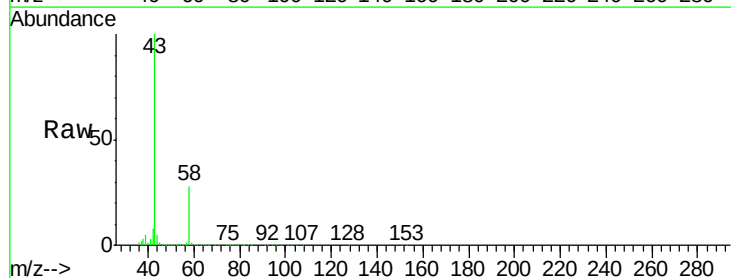
Acq: 01 Jun 2018 10:59

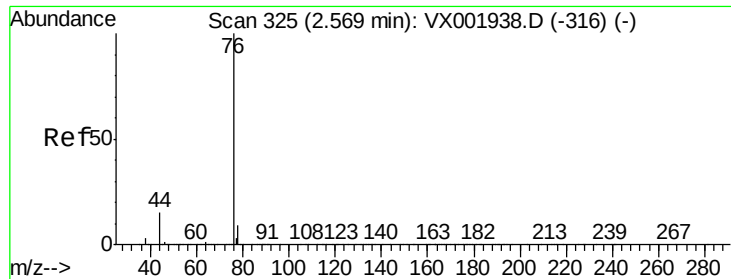
Tgt Ion: 43 Resp: 197580

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5





#17

Carbon Disulfide

Concen: 15.980 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

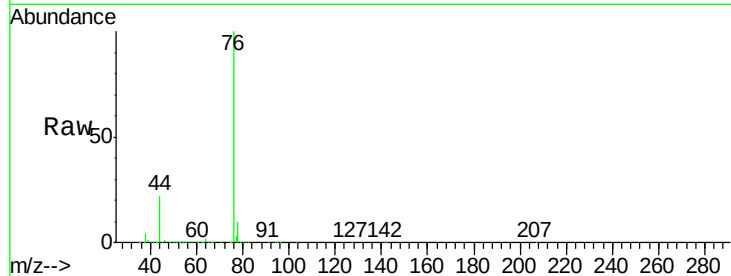
ClientSampleId :

Tot Ion: 76 Resp: 109230

Ion Ratio Lower Upper

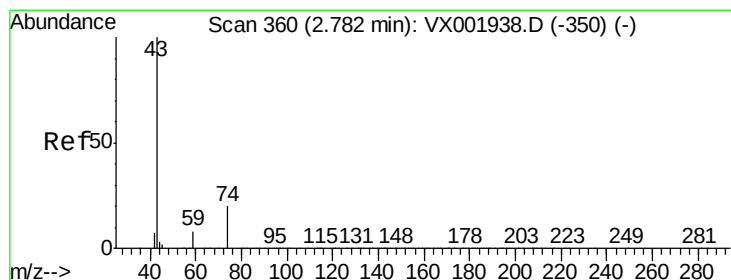
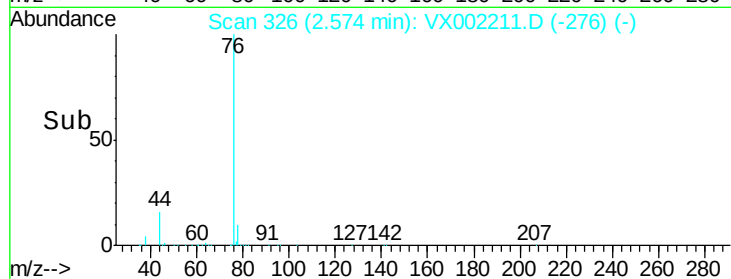
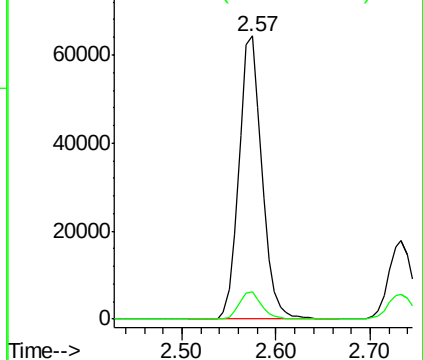
76 100

78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 26.087 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002211.D

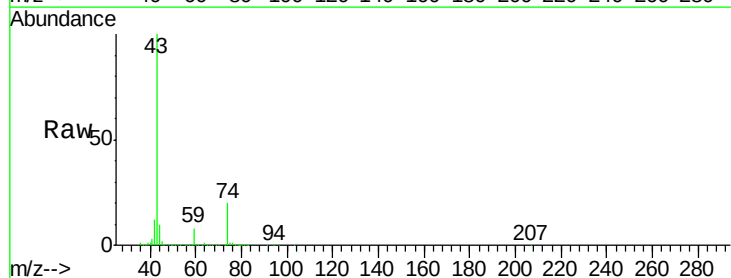
Acq: 01 Jun 2018 10:59

Tgt Ion: 43 Resp: 90175

Ion Ratio Lower Upper

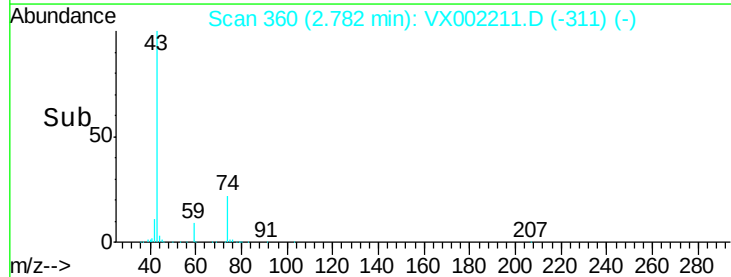
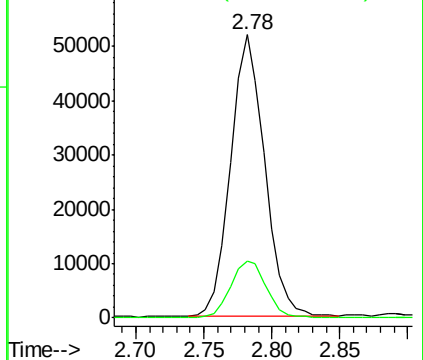
43 100

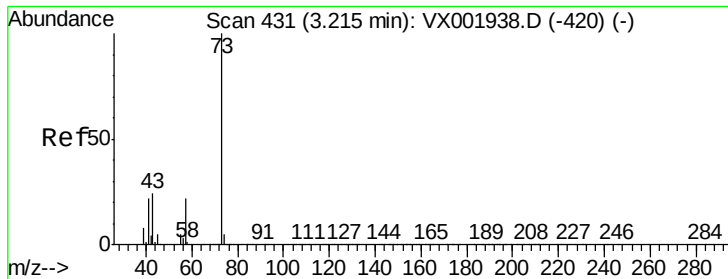
74 21.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

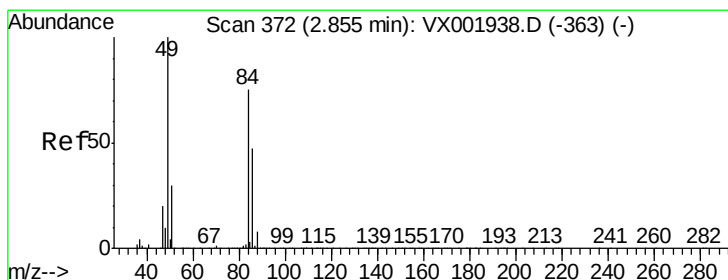
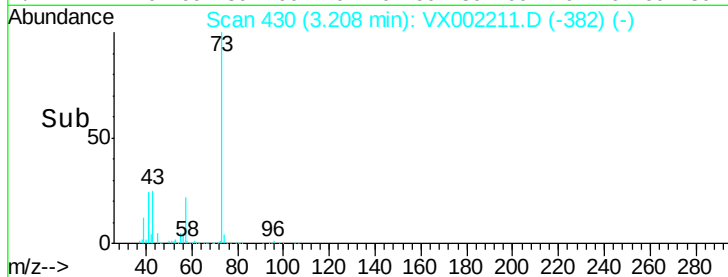
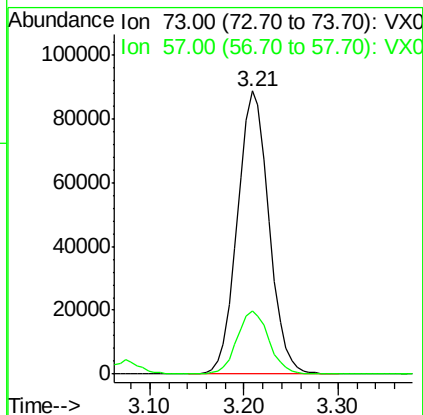
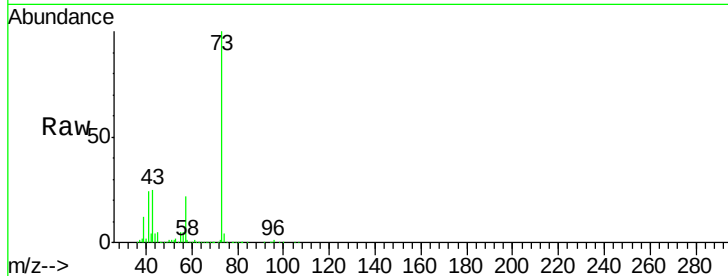




#19
Methyl tert-butyl Ether
Concen: 23.259 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

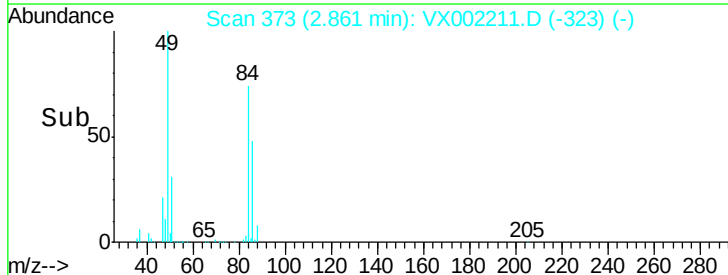
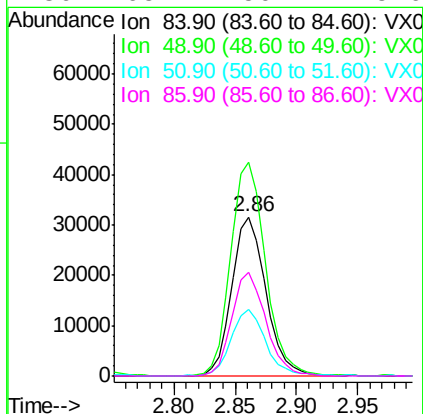
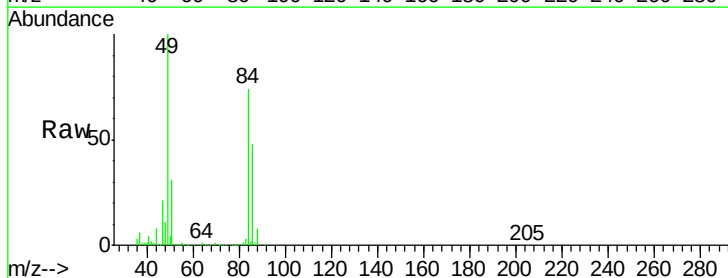
Instrument :
MSVOA_X
ClientSampleId :

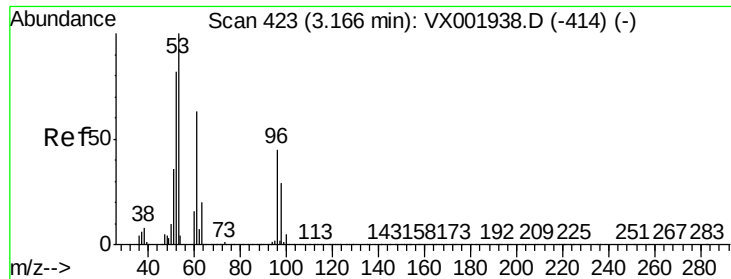
Tot Ion: 73 Resp: 207766
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 24.243 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 84 Resp: 61094
Ion Ratio Lower Upper
84 100
49 134.4 107.2 160.8
51 41.8 32.4 48.6
86 65.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.061 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampled :

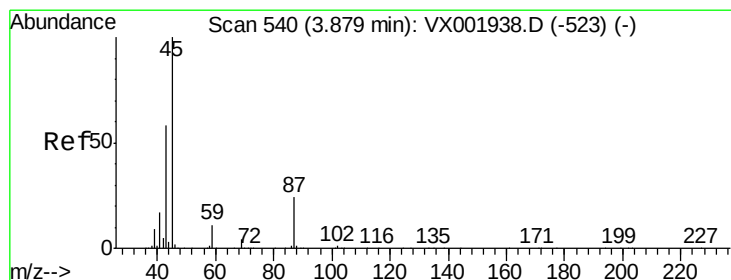
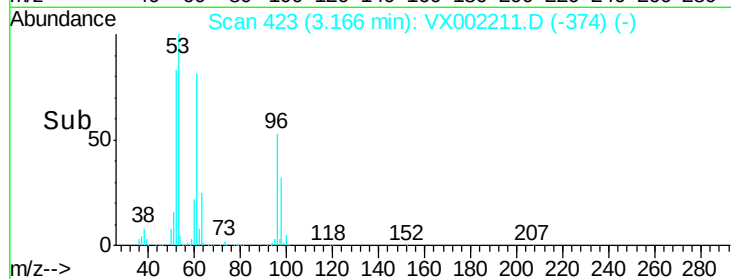
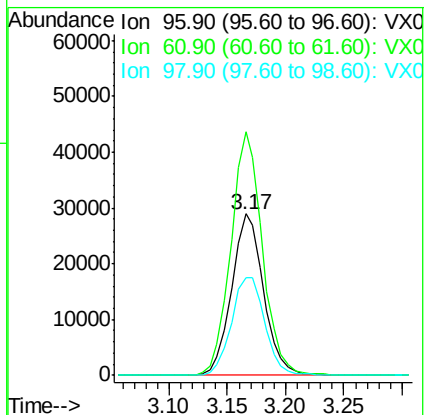
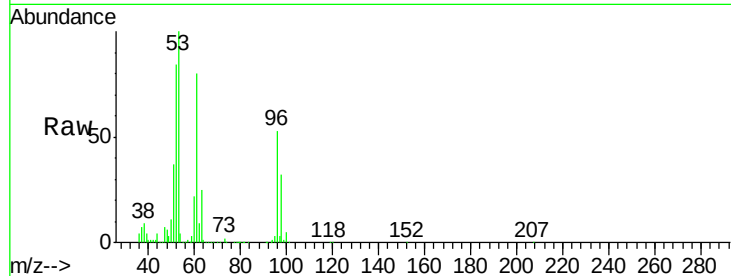
Tot Ion: 96 Resp: 55289

Ion Ratio Lower Upper

96 100

61 150.7 113.3 169.9

98 60.7 51.7 77.5



#22

Diisopropyl ether

Concen: 19.624 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion: 45 Resp: 199001

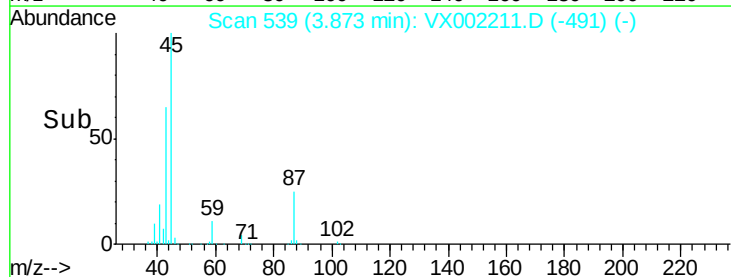
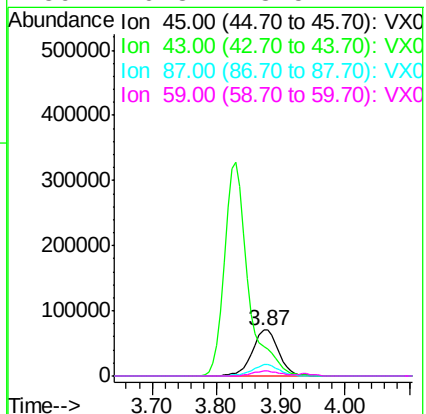
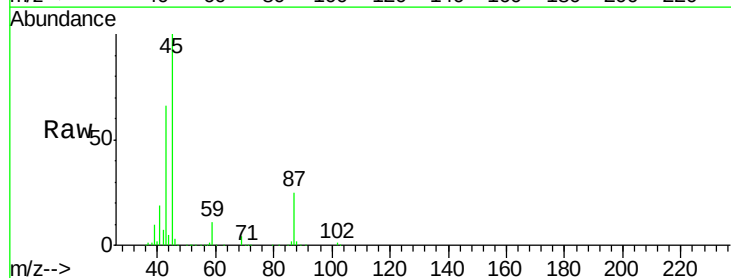
Ion Ratio Lower Upper

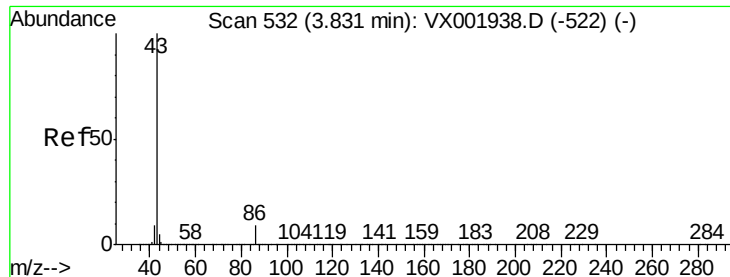
45 100

43 65.4 47.0 70.6

87 24.5 19.4 29.0

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 101.355 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

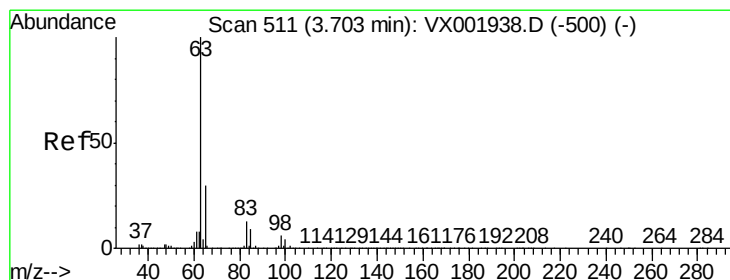
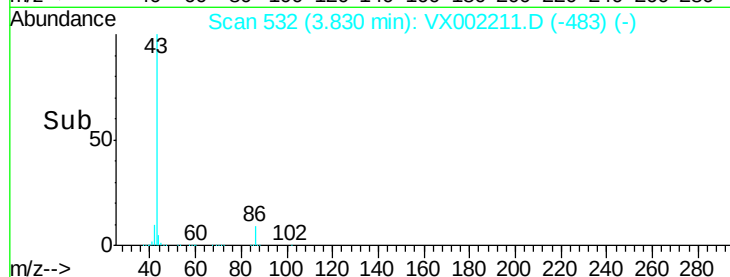
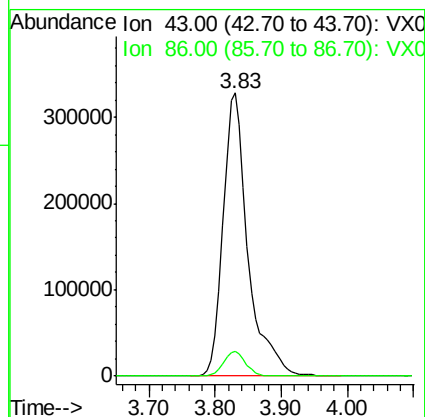
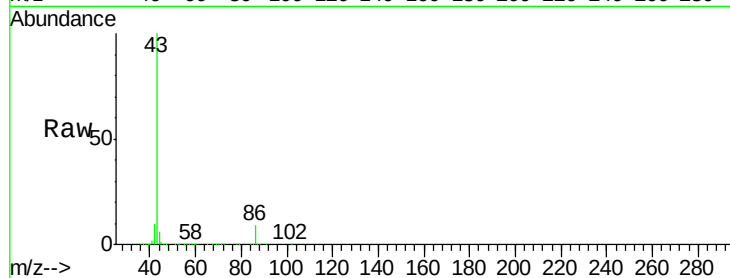
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 852151

Ion Ratio Lower Upper

43 100

86 8.8 7.6 11.4



#24

1,1-Dichloroethane

Concen: 23.357 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

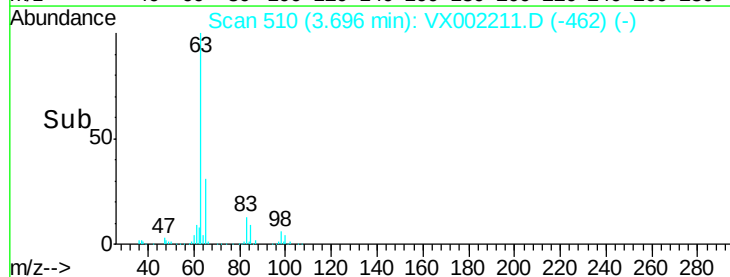
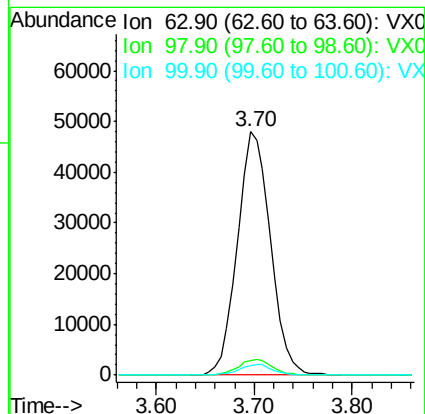
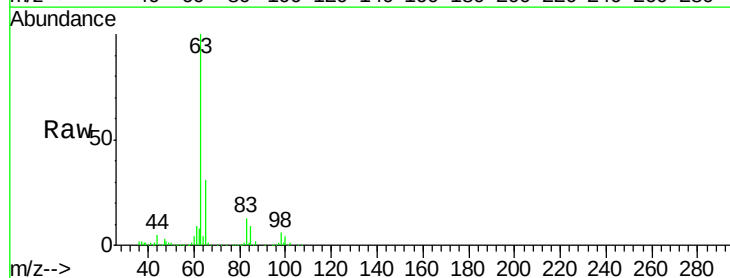
Tgt Ion: 63 Resp: 112511

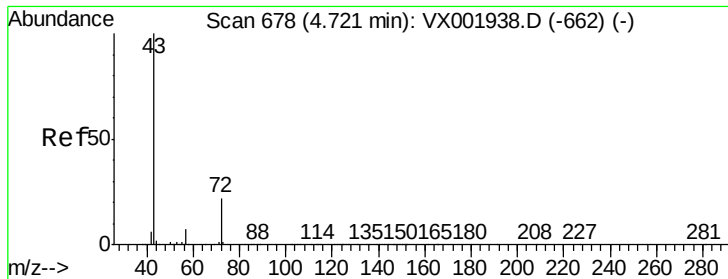
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 97.099 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

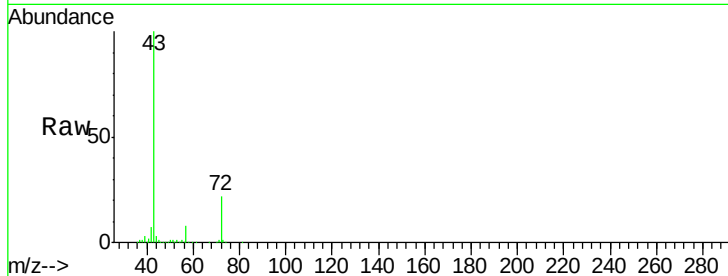
ClientSampleId :

Tot Ion: 43 Resp: 250154

Ion Ratio Lower Upper

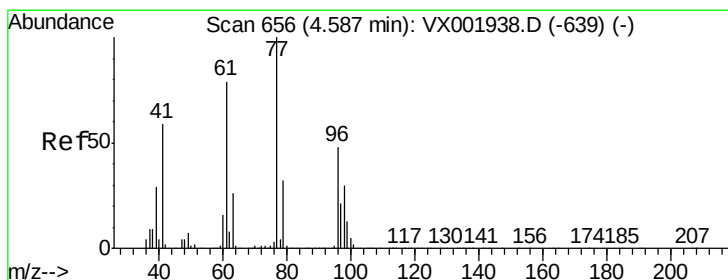
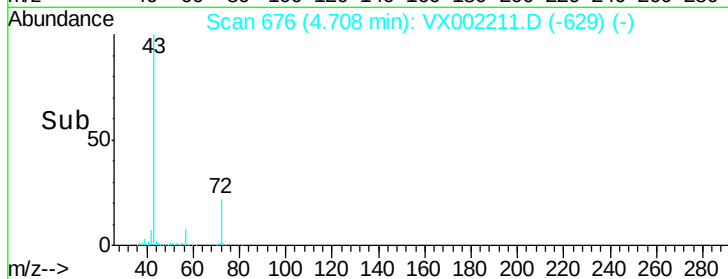
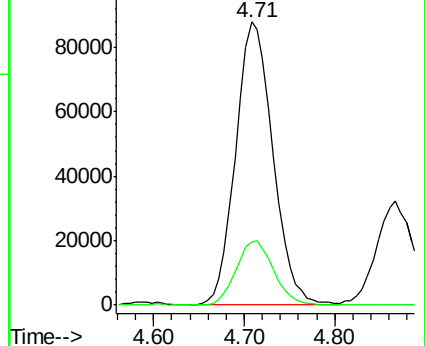
43 100

72 22.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.478 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002211.D

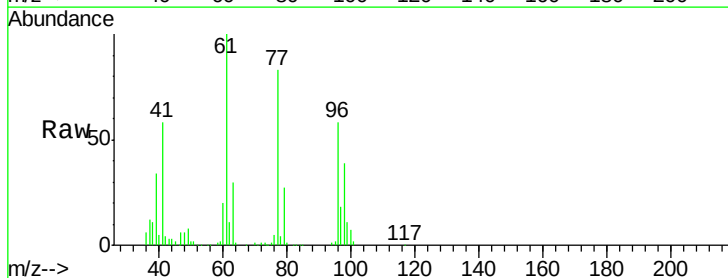
Acq: 01 Jun 2018 10:59

Tgt Ion: 77 Resp: 80341

Ion Ratio Lower Upper

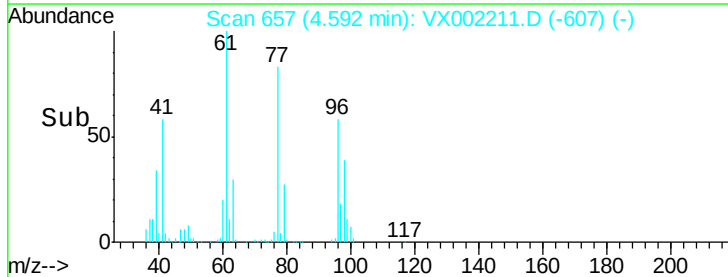
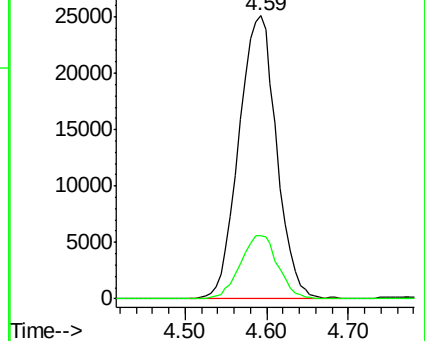
77 100

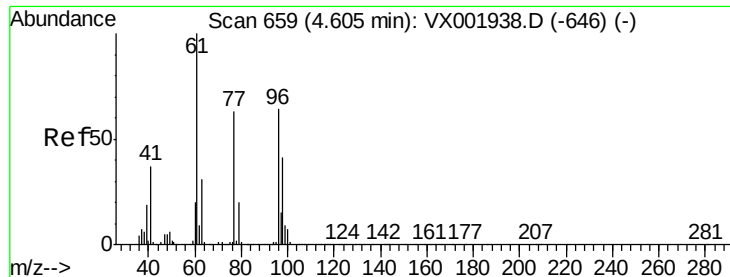
97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



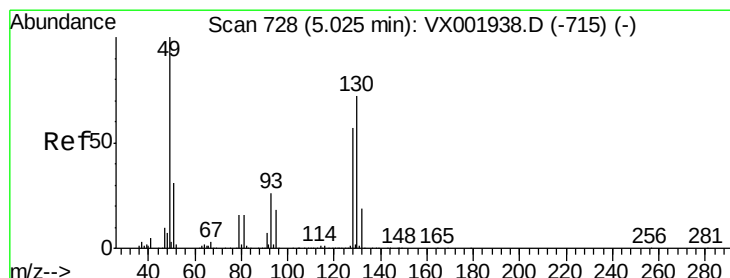
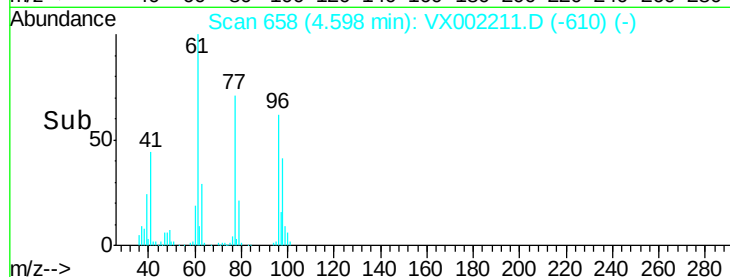
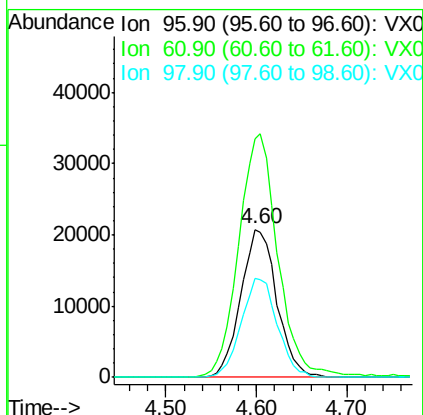
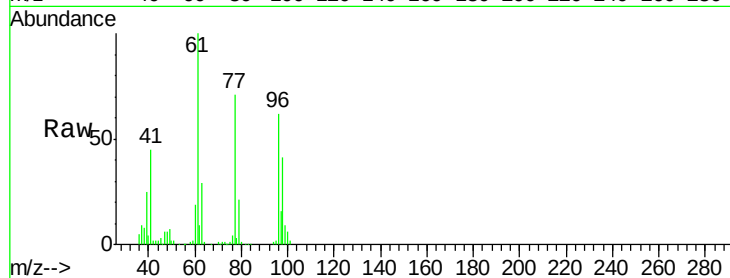


#27

cis-1,2-Dichloroethene
 Concen: 18.498 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :

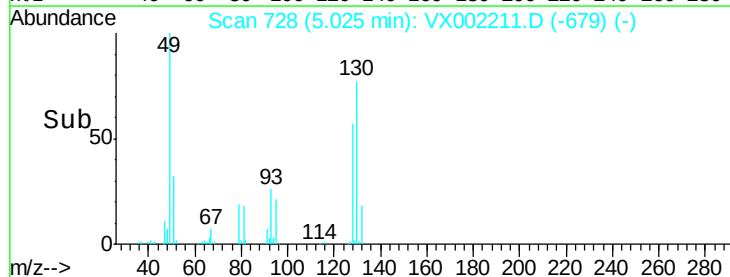
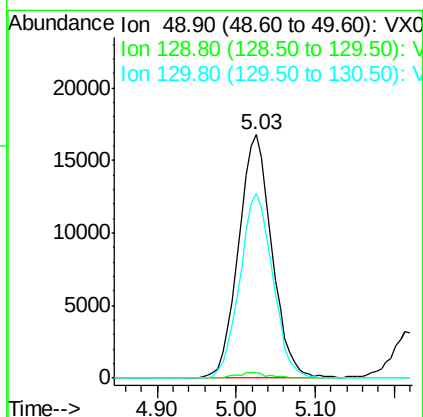
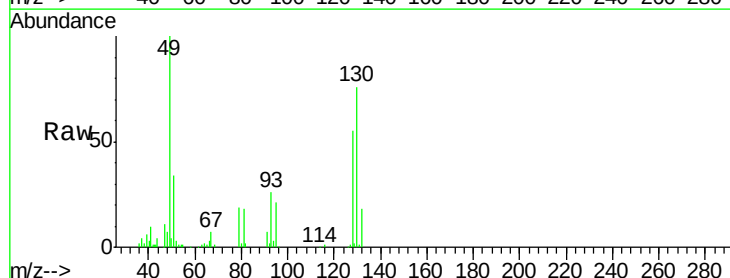
Tot Ion	96	Resp	57288
Ion	Ratio	Lower	Upper
96	100		
61	179.6	0.0	348.4
98	67.0	0.0	128.6

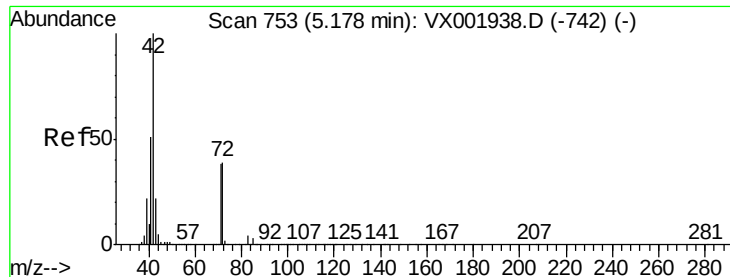


#28

Bromochloromethane
 Concen: 23.271 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	49	Resp	49315
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.7	59.4	89.2





#29

Tetrahydrofuran

Concen: 93.137 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

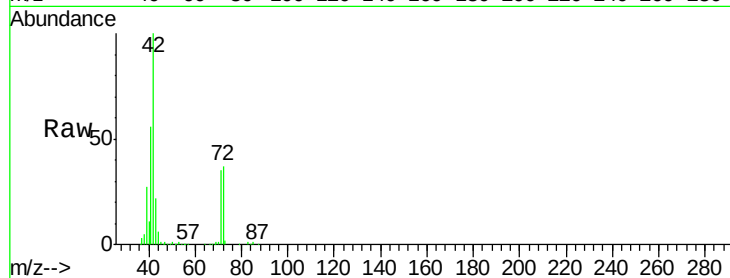
Tot Ion: 42 Resp: 156114

Ion Ratio Lower Upper

42 100

72 39.4 31.4 47.0

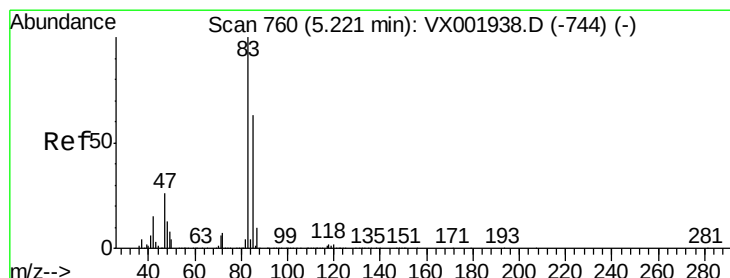
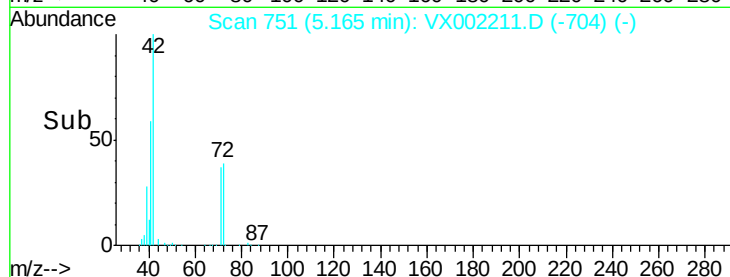
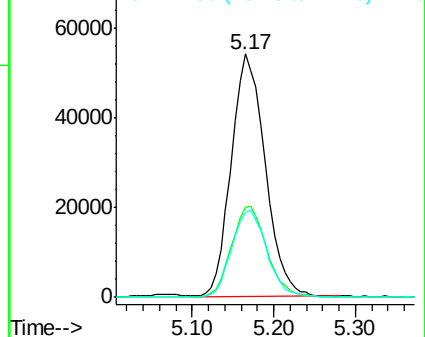
71 37.3 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.931 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002211.D

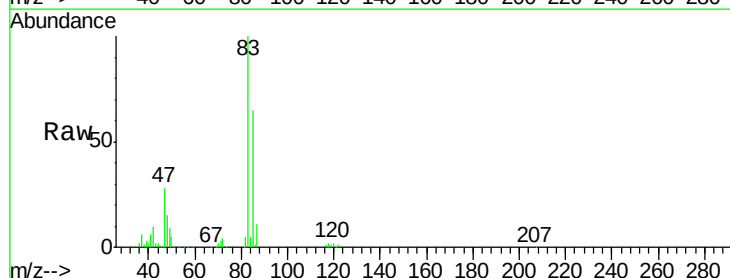
Acq: 01 Jun 2018 10:59

Tgt Ion: 83 Resp: 102739

Ion Ratio Lower Upper

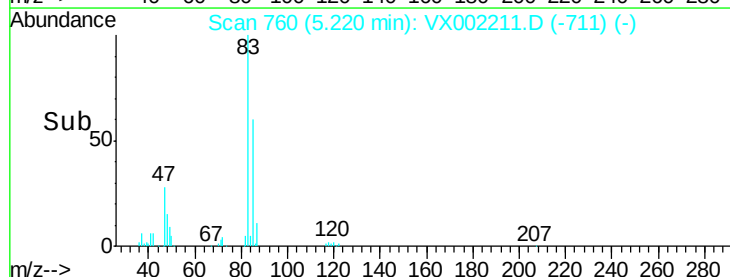
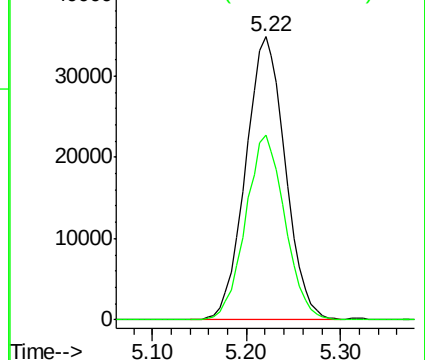
83 100

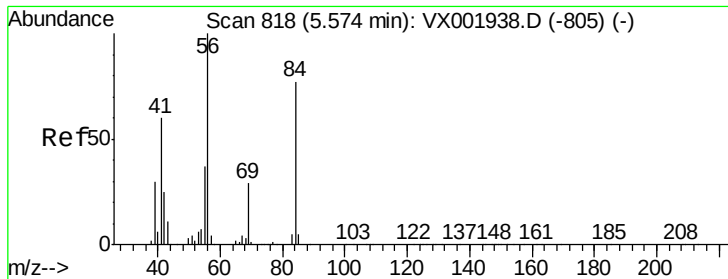
85 65.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

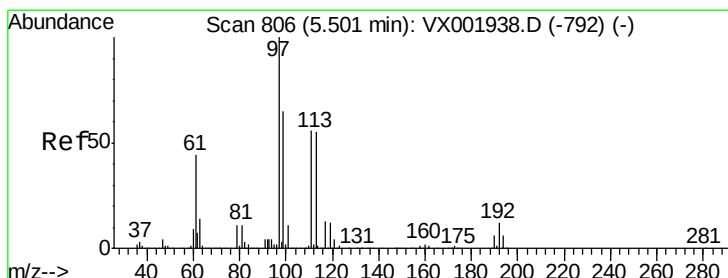
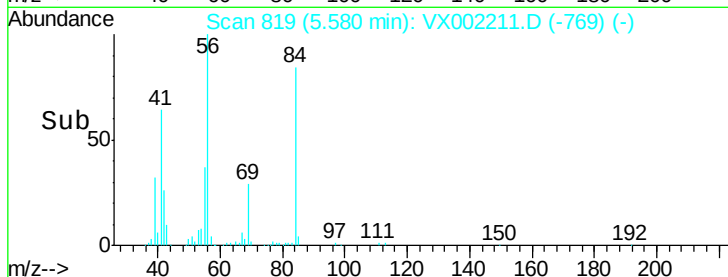
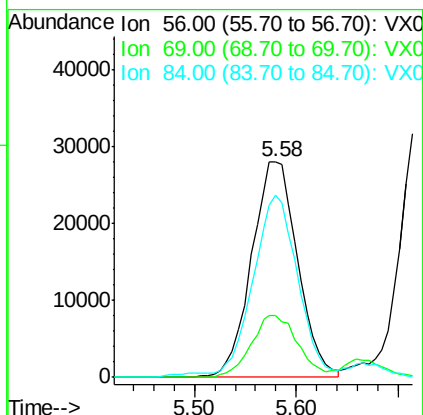
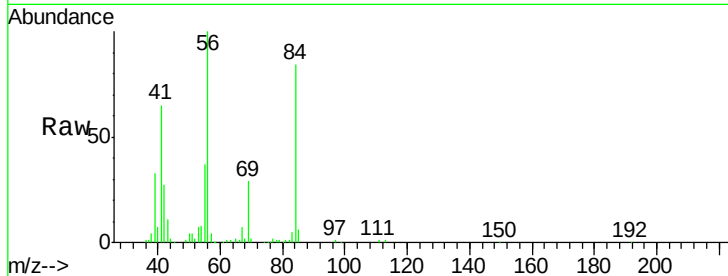




#31
Cyclohexane
Concen: 17.502 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

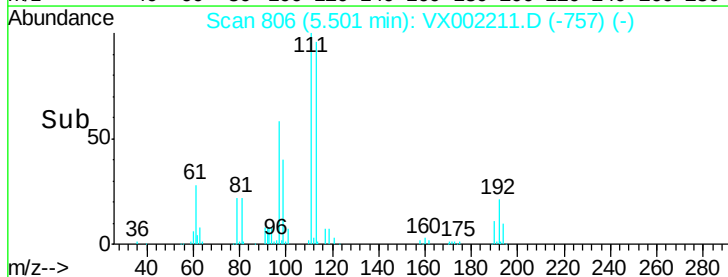
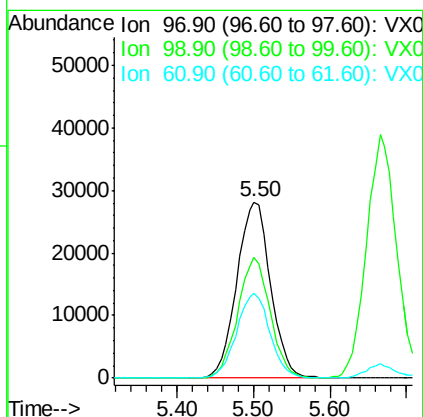
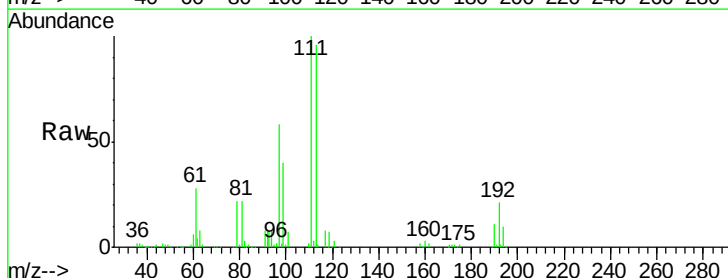
Instrument :
MSVOA_X
ClientSampleId :

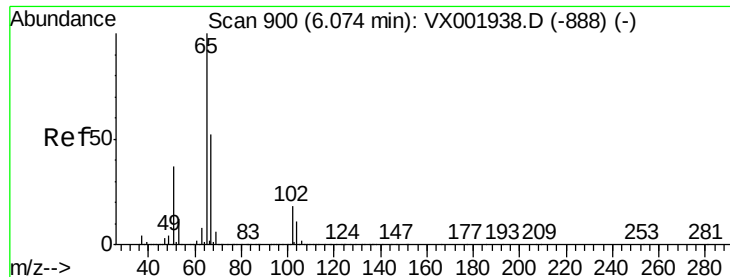
Tot Ion: 56 Resp: 87835
Ion Ratio Lower Upper
56 100
69 28.5 23.1 34.7
84 82.5 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 17.021 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 97 Resp: 86115
Ion Ratio Lower Upper
97 100
99 65.9 51.9 77.9
61 47.7 35.9 53.9

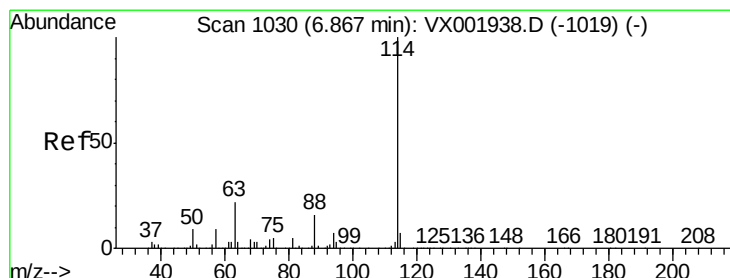
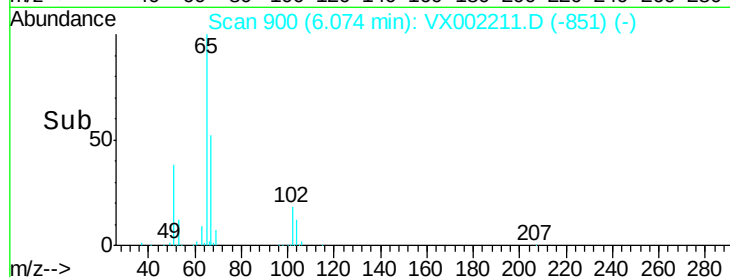
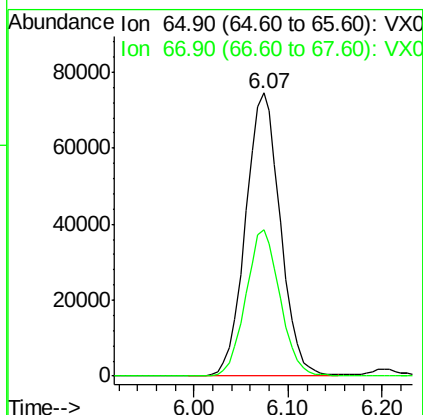
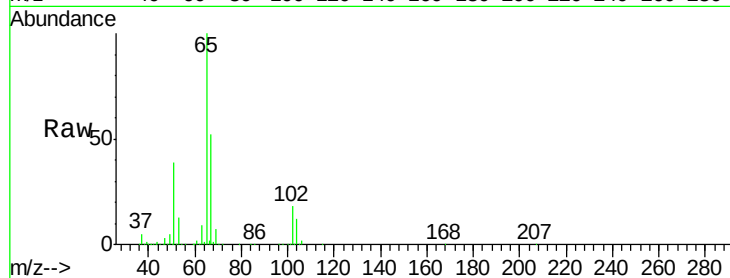




#33
 1,2-Dichloroethane-d4
 Concen: 52.935 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

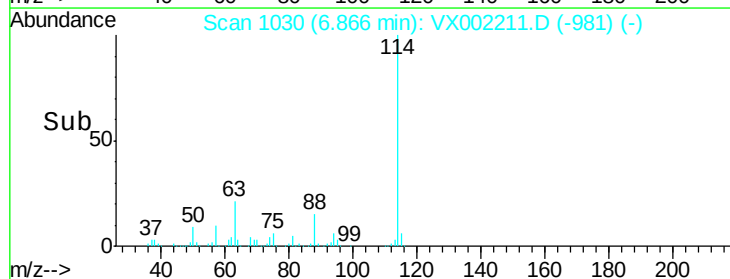
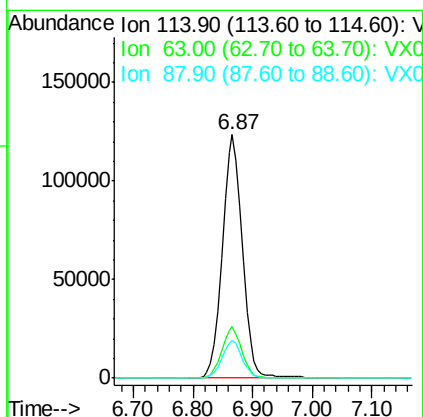
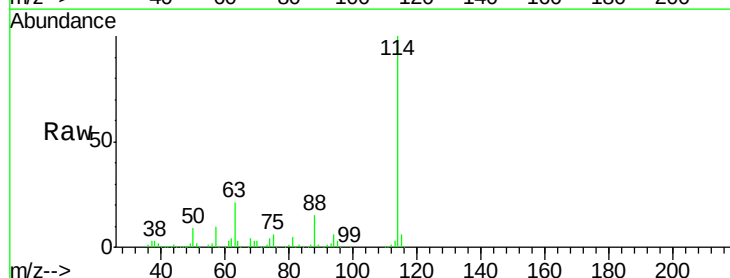
Instrument :
 MSVOA_X
 ClientSampleId :

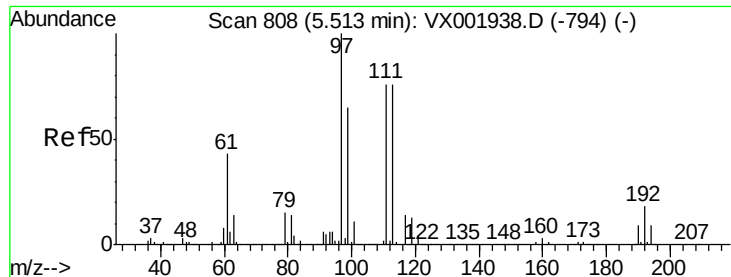
Tot Ion: 65 Resp: 192800
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion: 114 Resp: 289152
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.2
 88 15.3 0.0 31.6

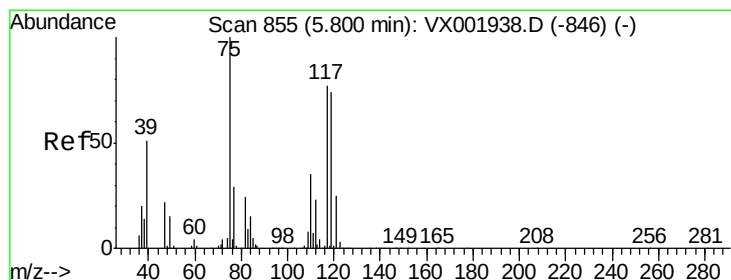
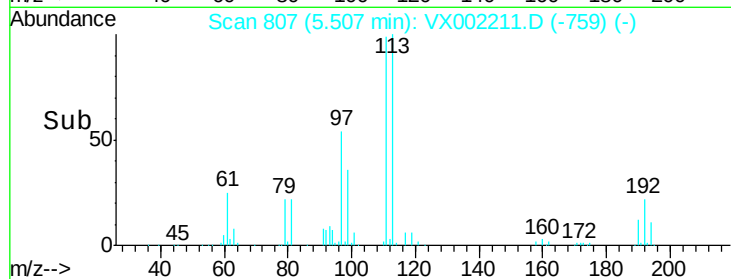
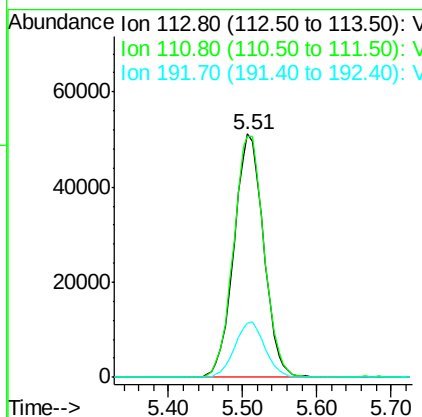
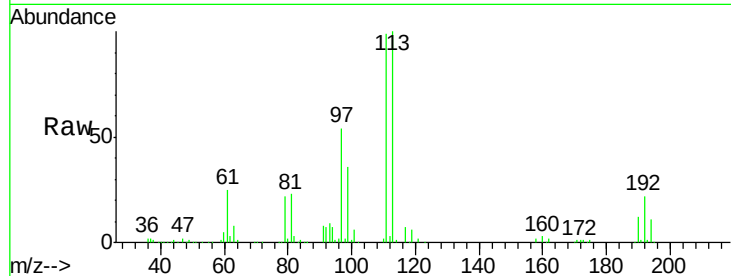




#35
 Dibromofluoromethane
 Concen: 49.307 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

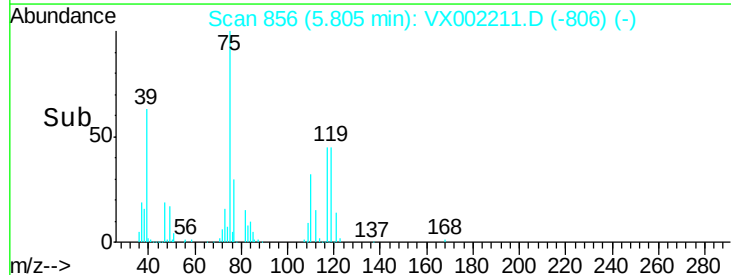
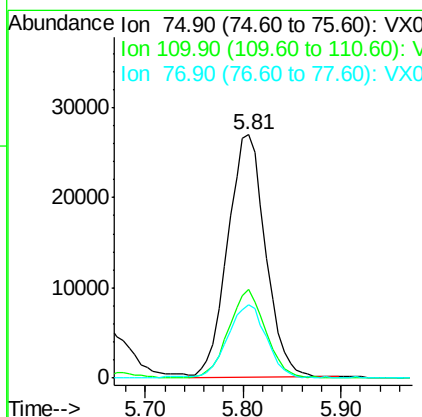
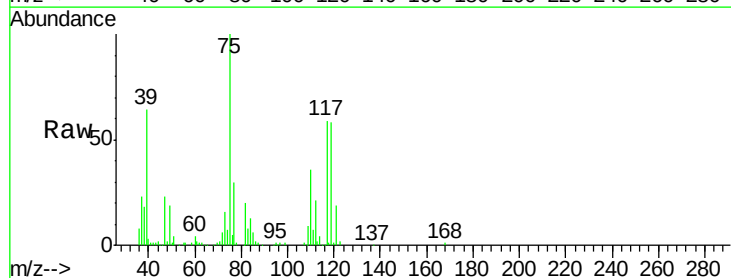
Instrument :
 MSVOA_X
 ClientSampled :

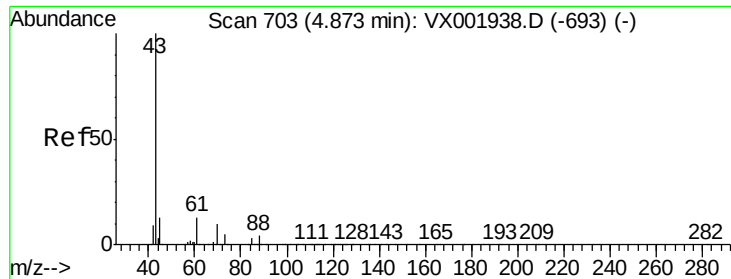
Tot Ion:113 Resp: 142572
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.1 18.9 28.3



#36
 1,1-Dichloropropene
 Concen: 17.868 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion: 75 Resp: 71864
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.4 52.2
 77 30.7 24.4 36.6

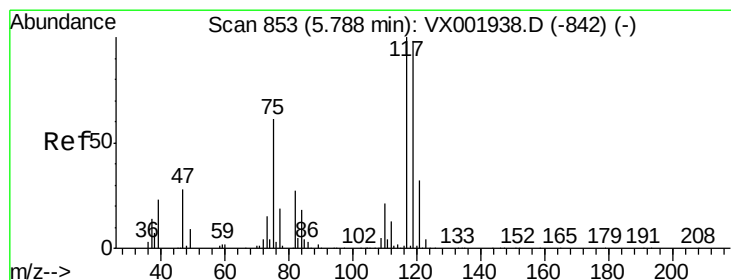
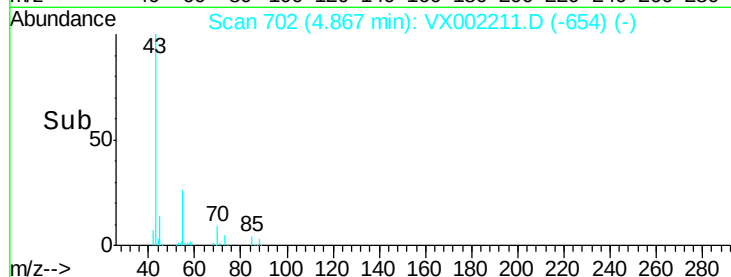
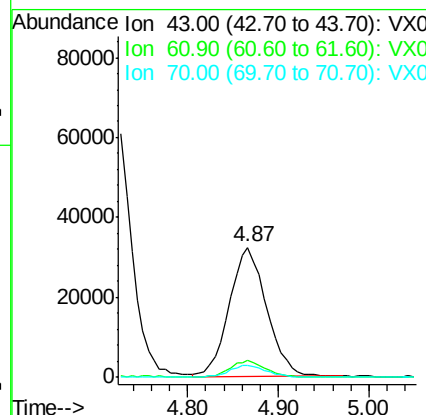
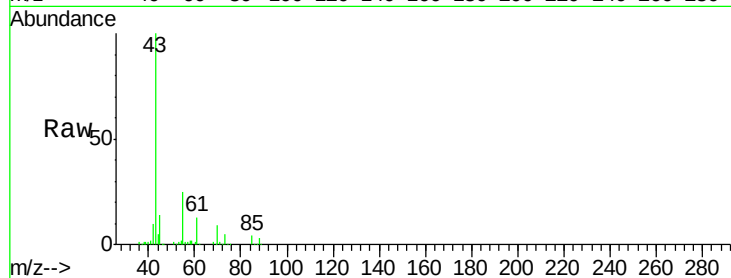




#37
Ethyl Acetate
Concen: 17.539 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

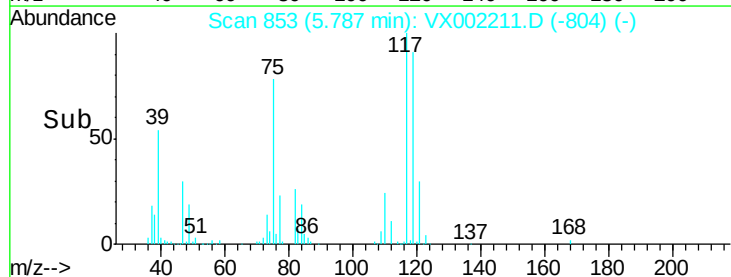
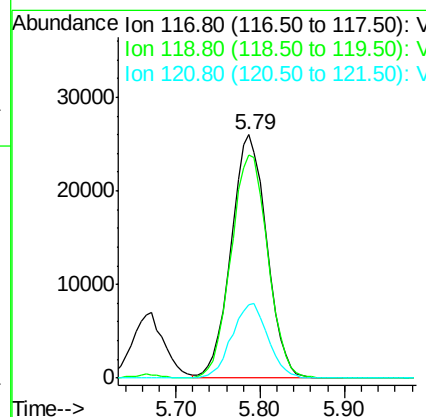
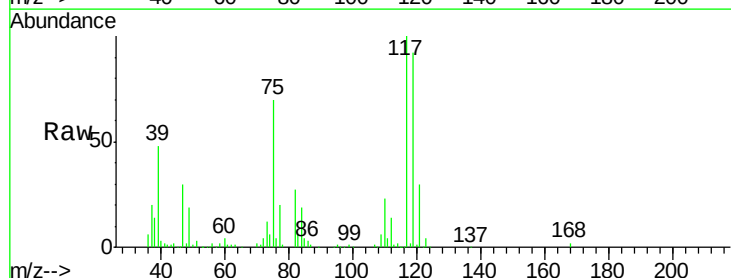
Instrument :
MSVOA_X
ClientSampleId :

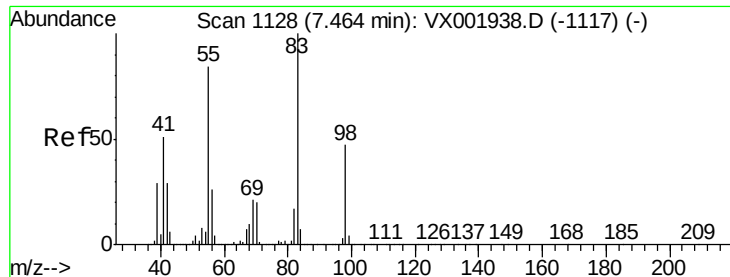
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	9.6	7.8	11.8



#38
Carbon Tetrachloride
Concen: 15.922 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.5	117.7
121	30.2	25.5	38.3

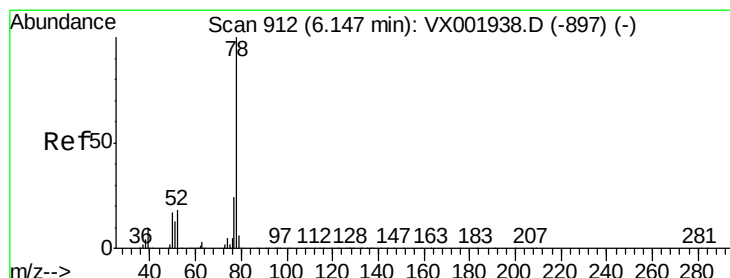
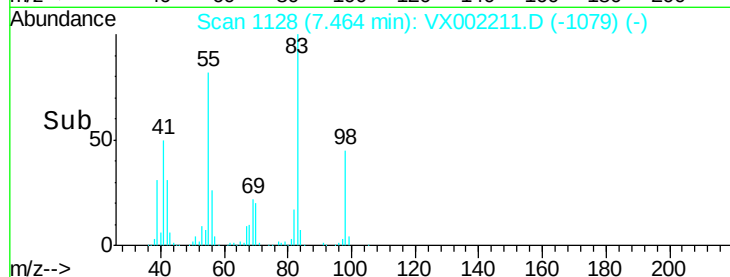
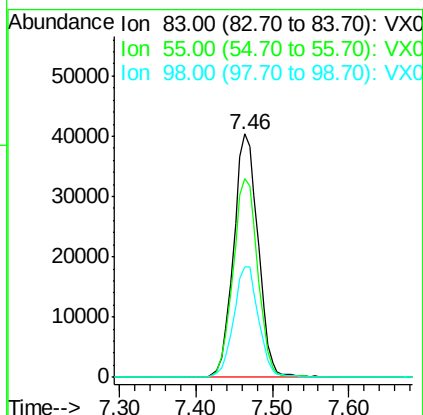
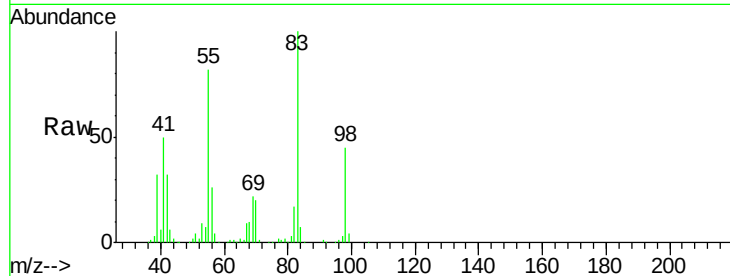




#39
Methylvlcyclohexane
Concen: 18.112 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

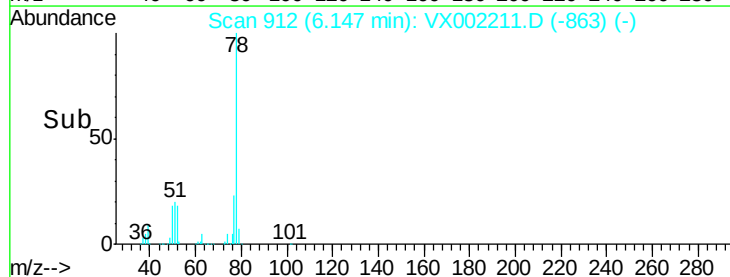
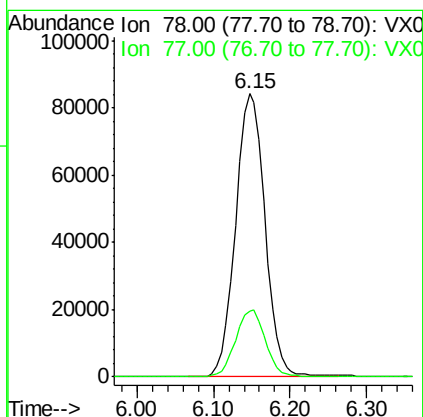
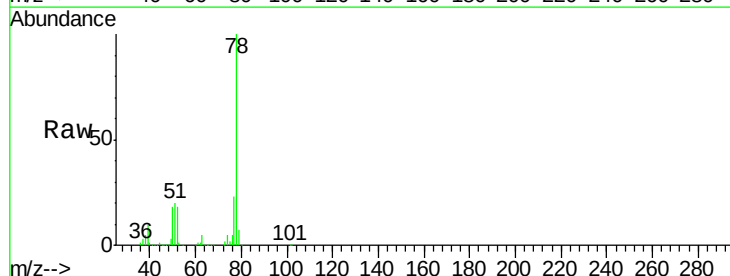
Instrument :
MSVOA_X
ClientSampled :

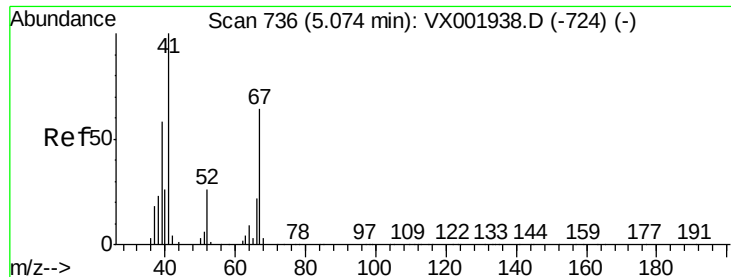
Tot Ion: 83 Resp: 89494
Ion Ratio Lower Upper
83 100
55 81.8 67.3 100.9
98 45.4 37.5 56.3



#40
Benzene
Concen: 19.077 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 78 Resp: 224787
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

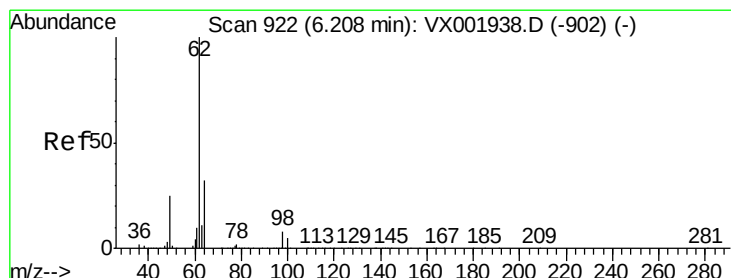
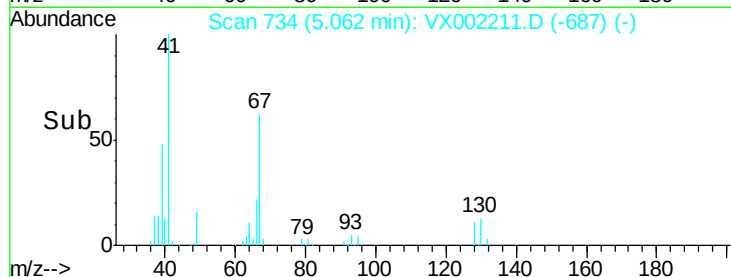
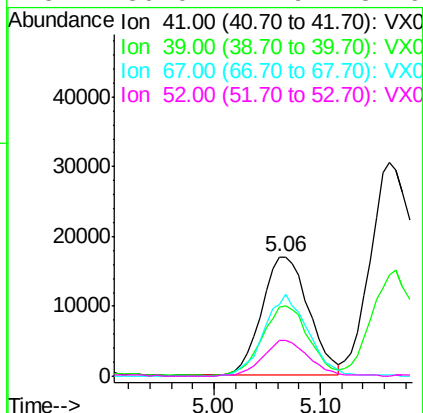
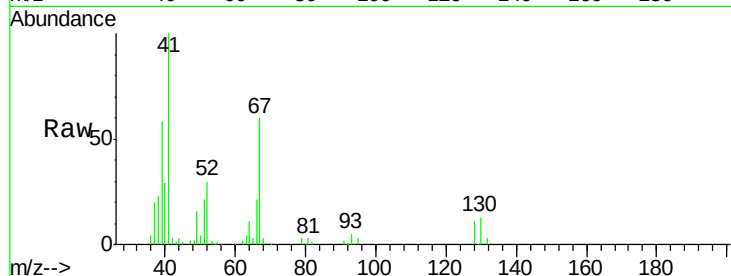




#41
Methacrylonitrile
Concen: 17.982 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

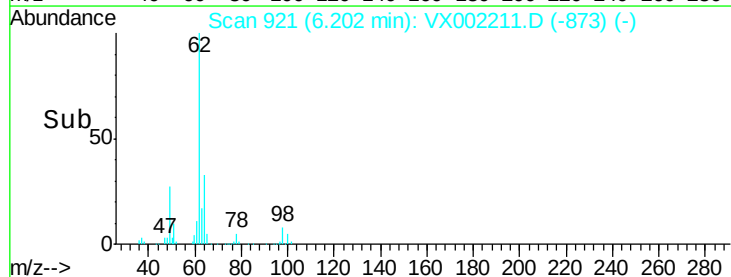
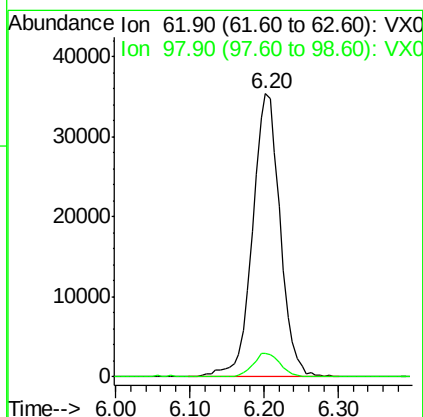
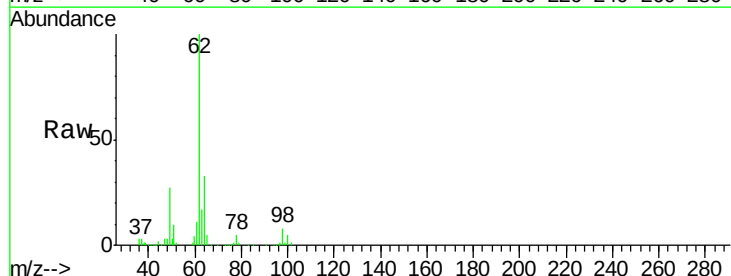
Instrument :
MSVOA_X
ClientSampled :

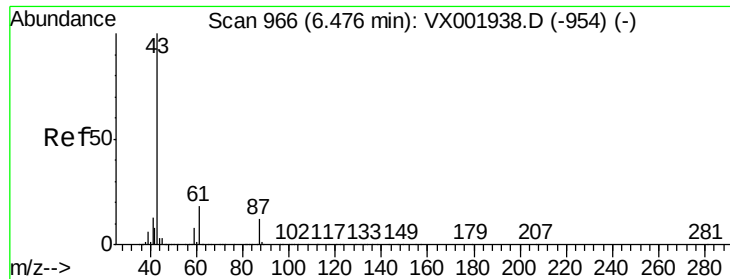
Tot Ion:	41	Resp:	52168
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.0	69.0
67	65.4	50.6	75.8
52	30.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion:	62	Resp:	92084
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

Isopropyl Acetate

Concen: 17.698 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

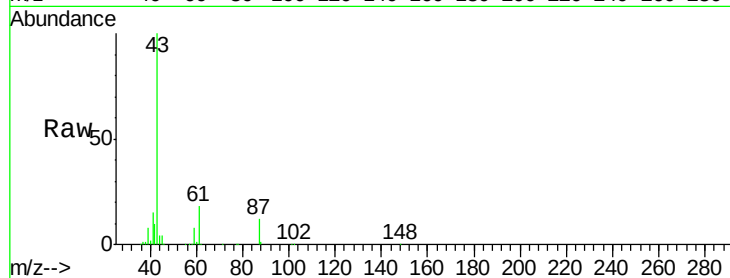
Tot Ion: 43 Resp: 154620

Ion Ratio Lower Upper

43 100

61 17.6 14.5 21.7

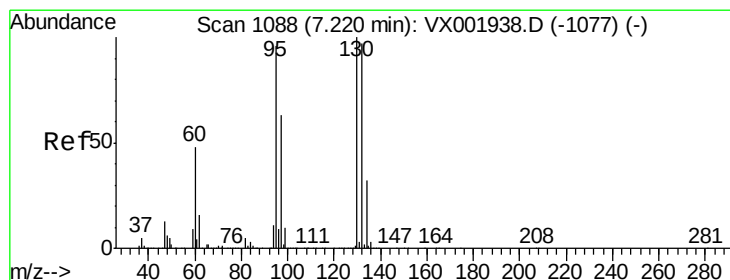
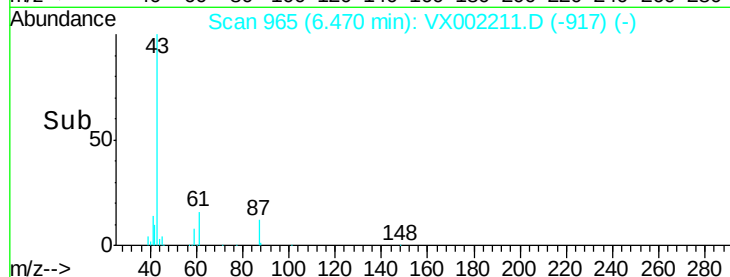
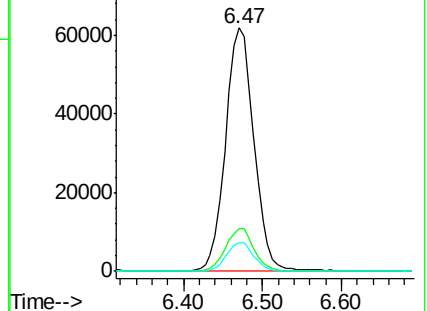
87 11.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.528 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002211.D

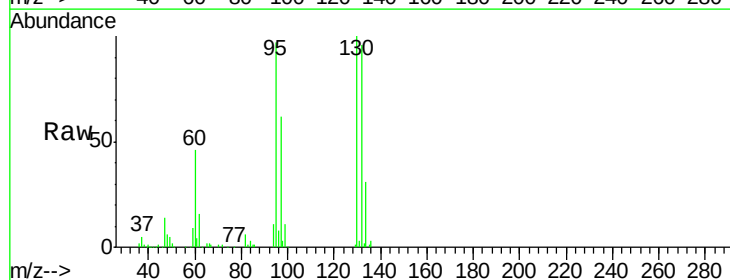
Acq: 01 Jun 2018 10:59

Tgt Ion:130 Resp: 63621

Ion Ratio Lower Upper

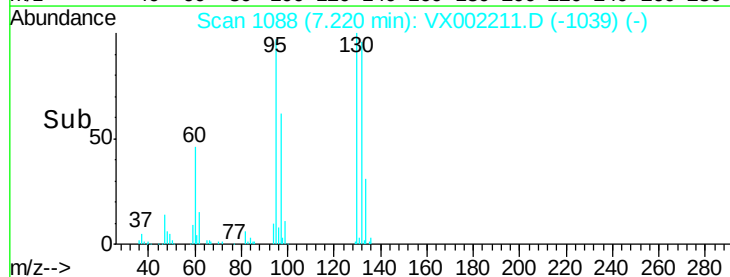
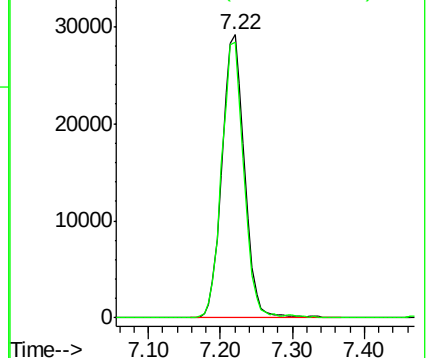
130 100

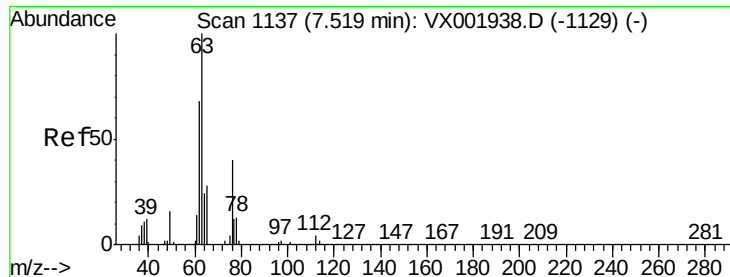
95 97.3 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

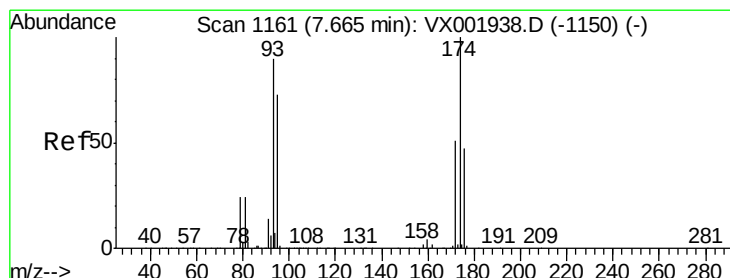
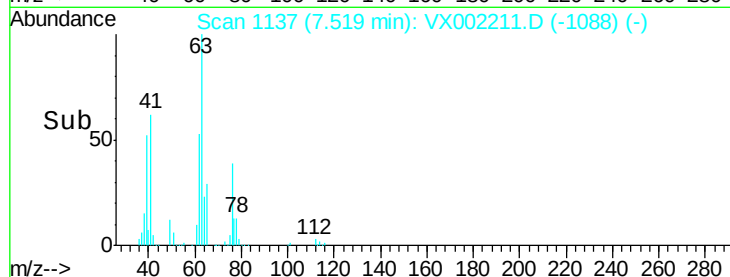
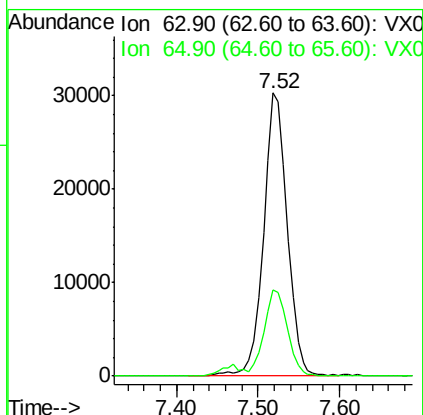
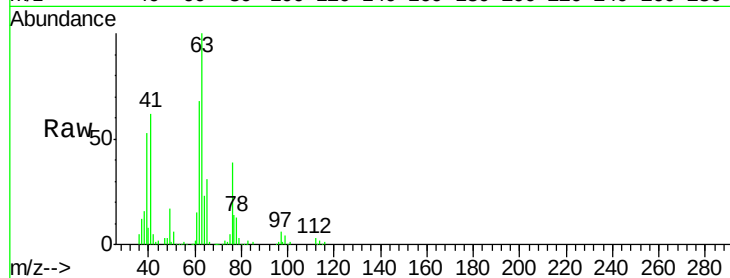




#45
 1,2-Dichloropropane
 Concen: 19.126 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

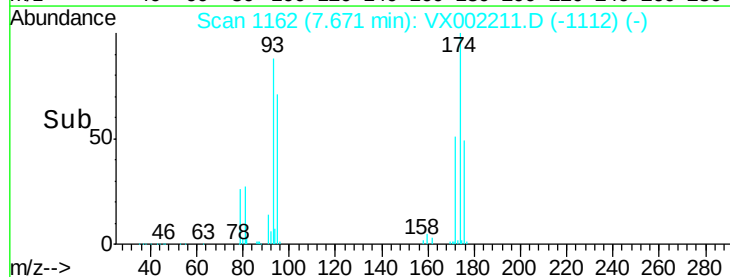
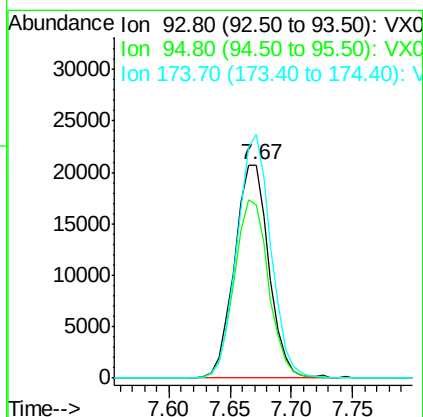
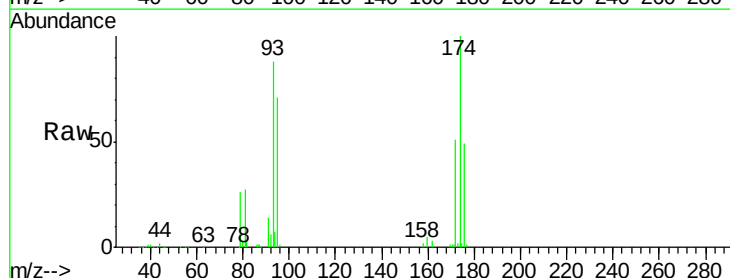
Instrument :
 MSVOA_X
 ClientSampleId :

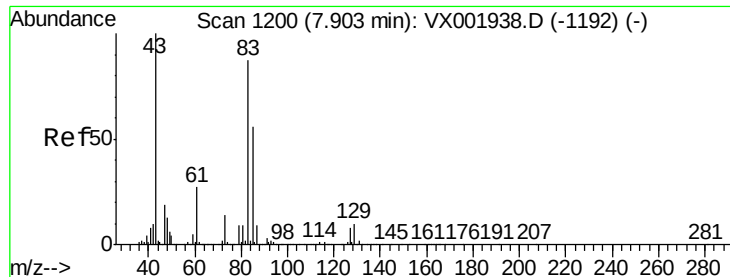
Tot Ion: 63 Resp: 61203
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.1 36.1



#46
 Dibromomethane
 Concen: 19.095 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion: 93 Resp: 40455
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.1 99.1
 174 112.2 92.5 138.7





#47

Bromodichloromethane

Concen: 15.791 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :

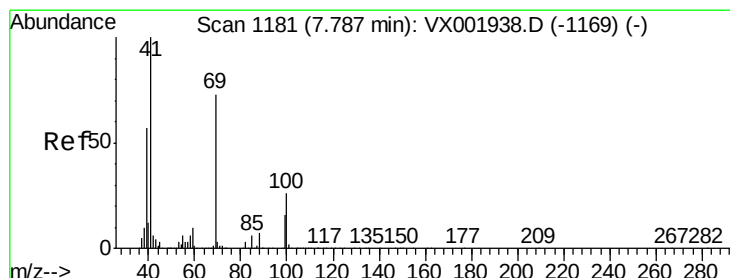
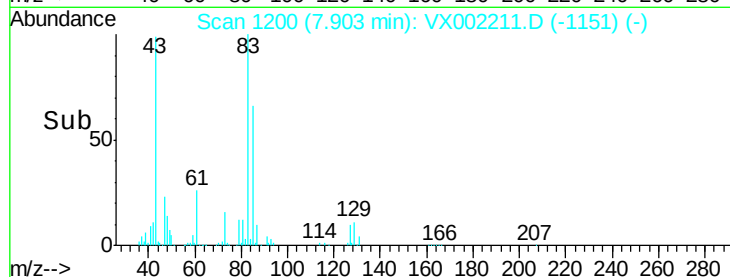
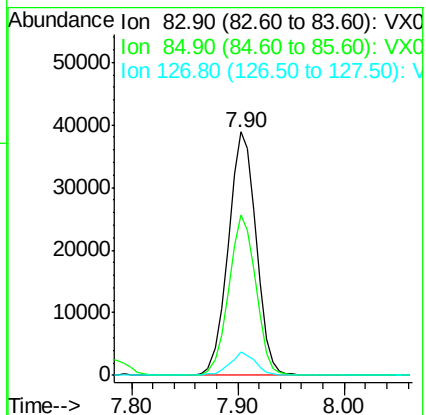
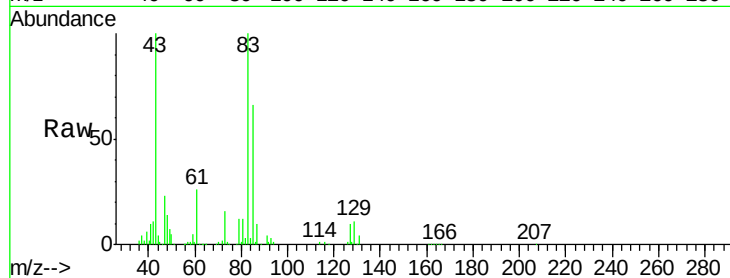
Tot Ion: 83 Resp: 71332

Ion Ratio Lower Upper

83 100

85 66.1 51.4 77.2

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 17.750 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

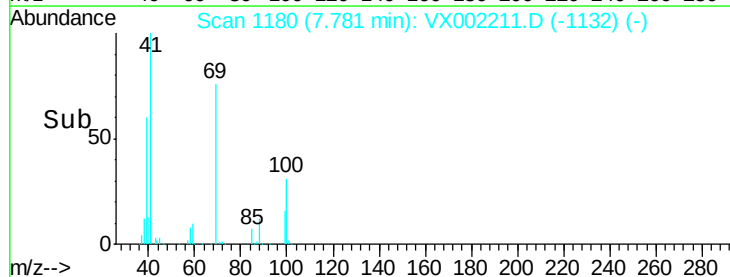
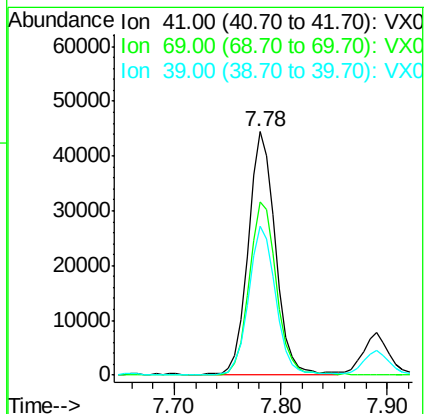
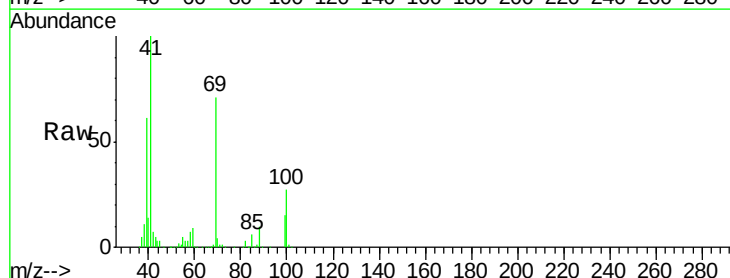
Tgt Ion: 41 Resp: 78927

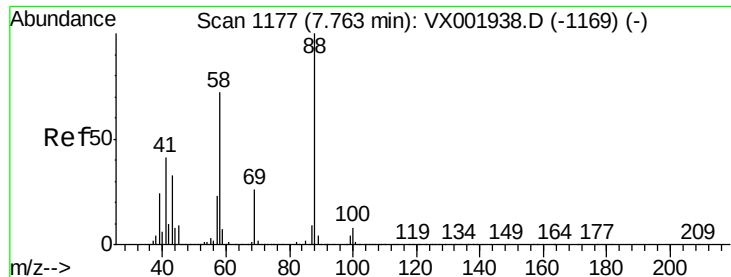
Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

39 60.5 46.3 69.5





#49

1,4-Dioxane

Concen: 376.819 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

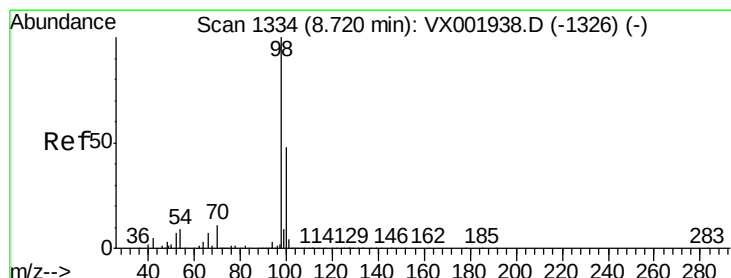
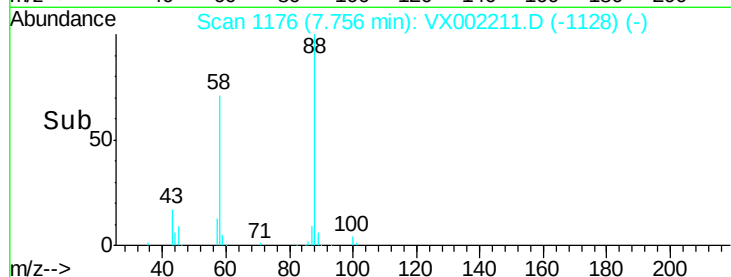
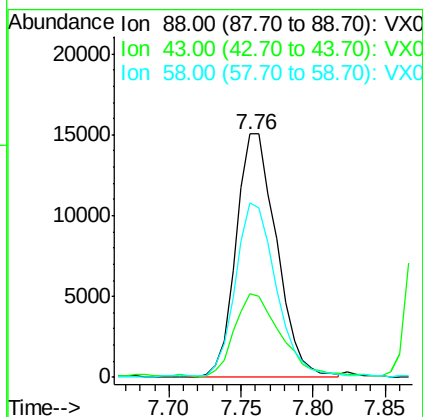
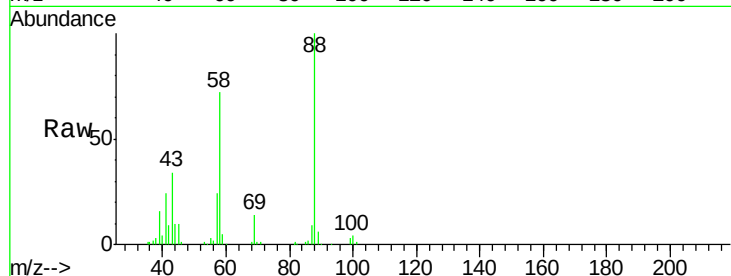
Tot Ion: 88 Resp: 29527

Ion Ratio Lower Upper

88 100

43 38.5 29.8 44.8

58 73.2 58.7 88.1



#50

Toluene-d8

Concen: 53.237 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002211.D

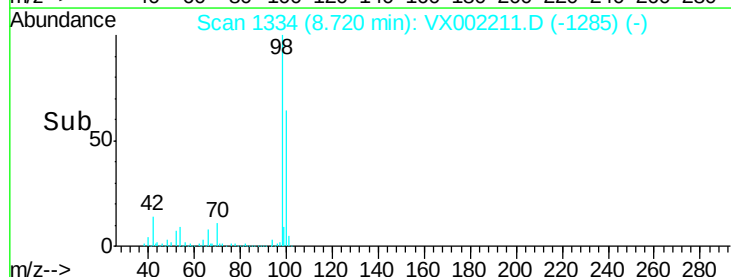
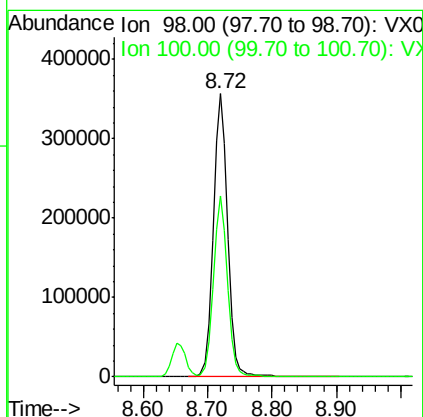
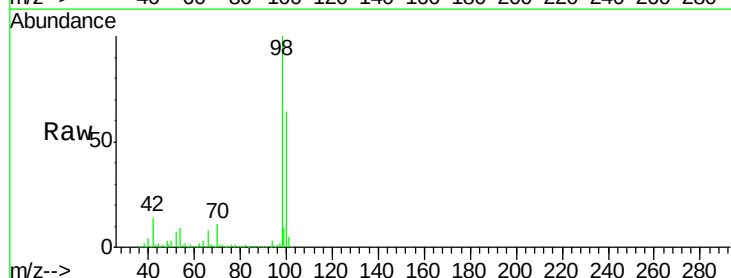
Acq: 01 Jun 2018 10:59

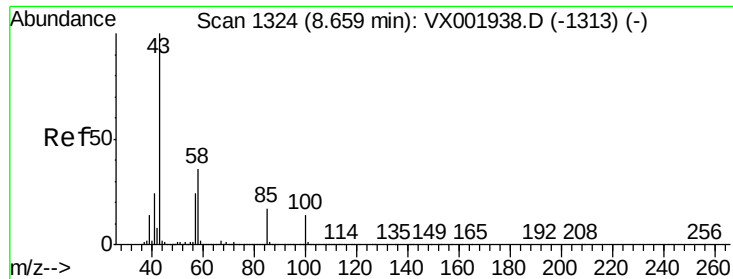
Tgt Ion: 98 Resp: 557304

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 96.208 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

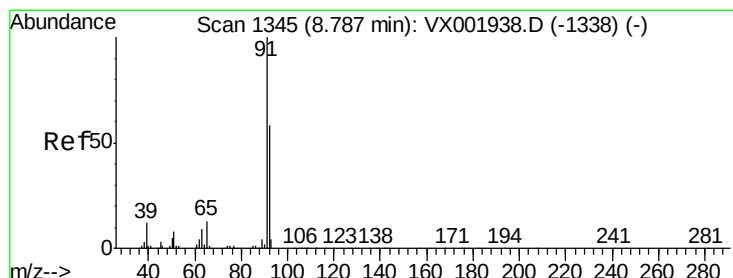
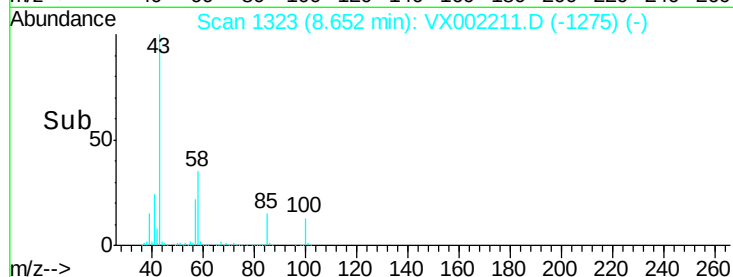
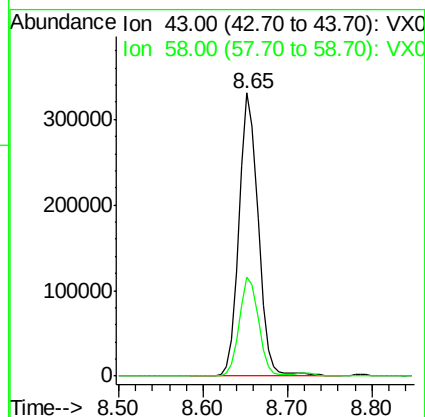
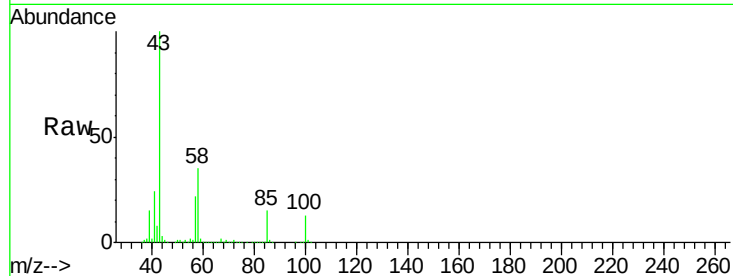
ClientSampled :

Tot Ion: 43 Resp: 506696

Ion Ratio Lower Upper

43 100

58 34.8 28.5 42.7



#52

Toluene

Concen: 19.516 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002211.D

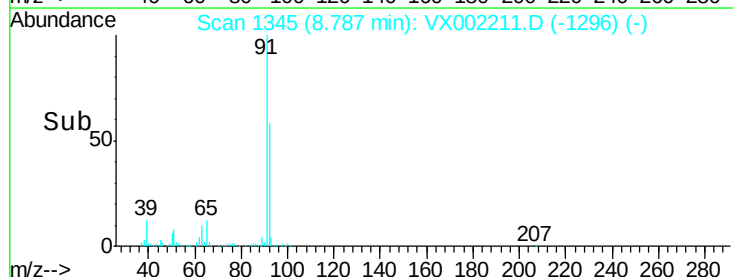
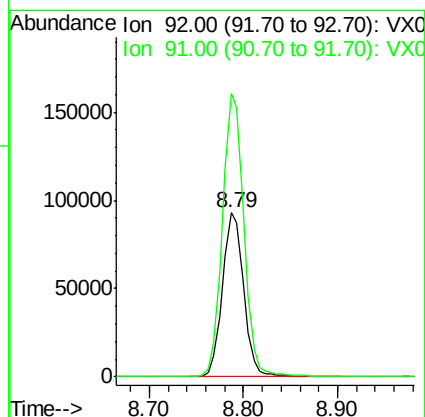
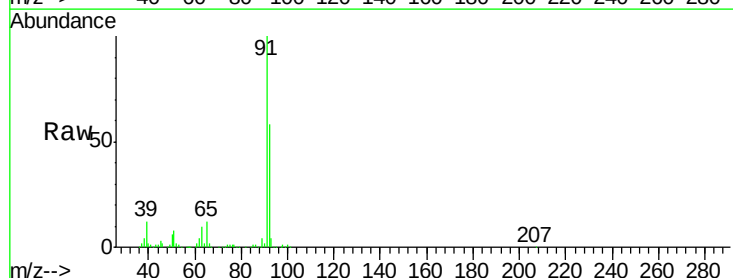
Acq: 01 Jun 2018 10:59

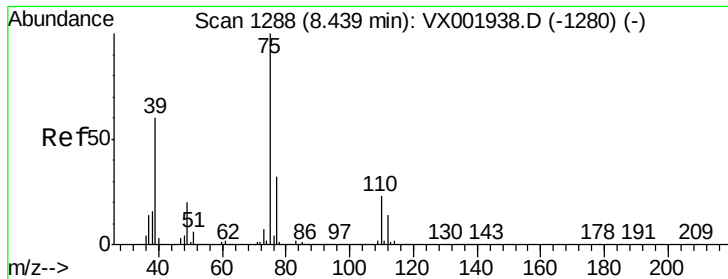
Tgt Ion: 92 Resp: 146344

Ion Ratio Lower Upper

92 100

91 174.0 139.4 209.2

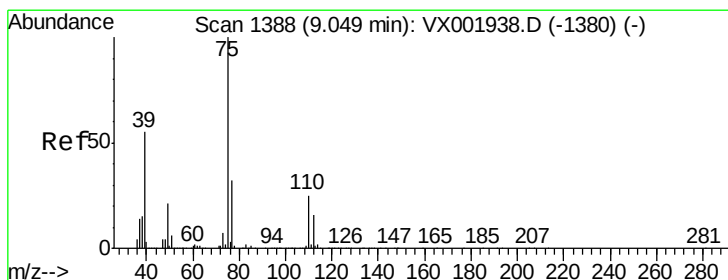
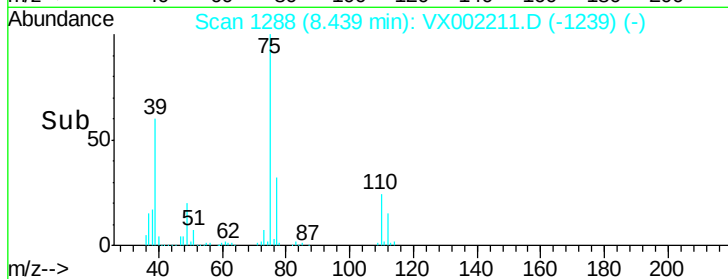
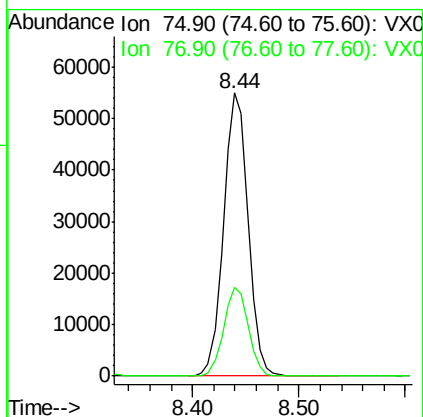
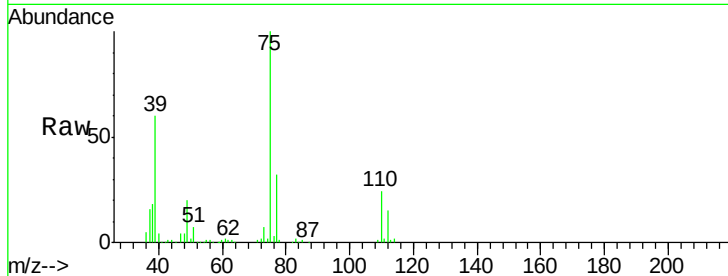




#53
 t-1,3-Dichloropropene
 Concen: 17.001 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

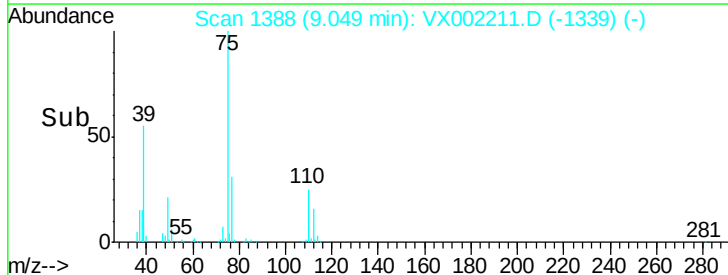
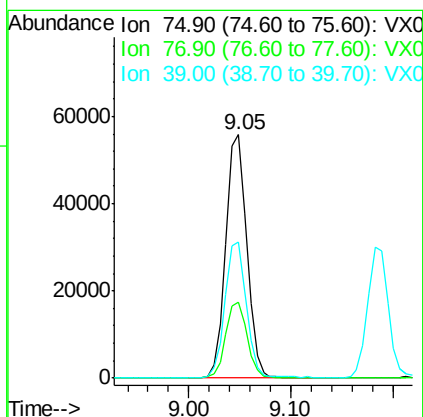
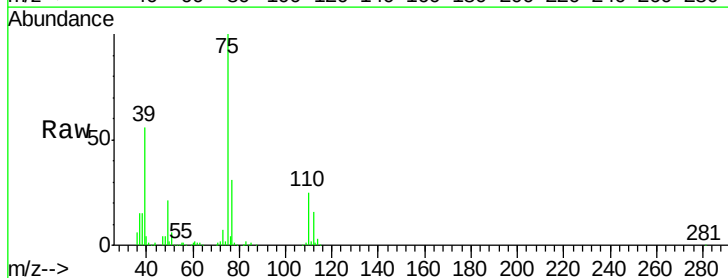
Instrument :
 MSVOA_X
 ClientSampled :

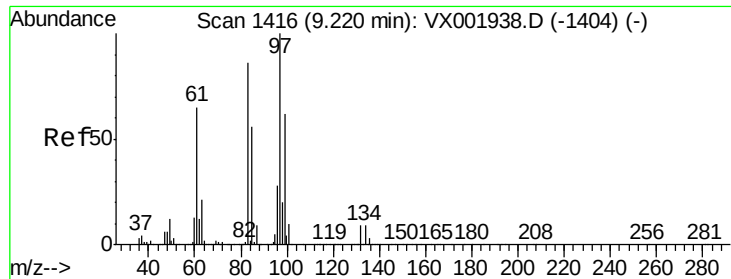
Tot Ion: 75 Resp: 88453
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 15.819 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion: 75 Resp: 80202
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 55.7 44.1 66.1

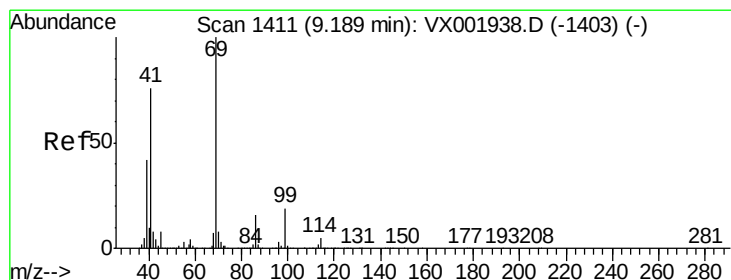
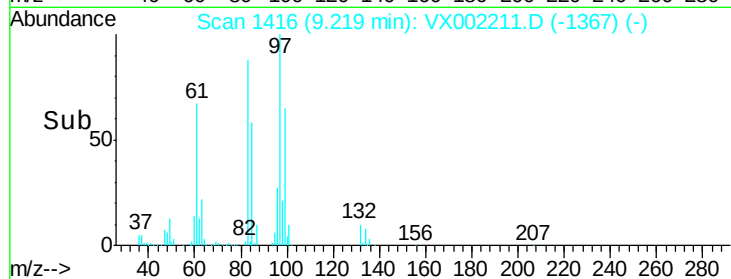
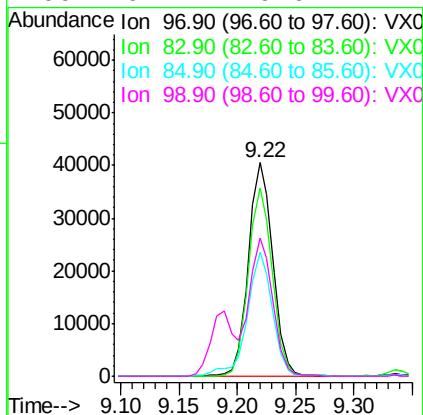
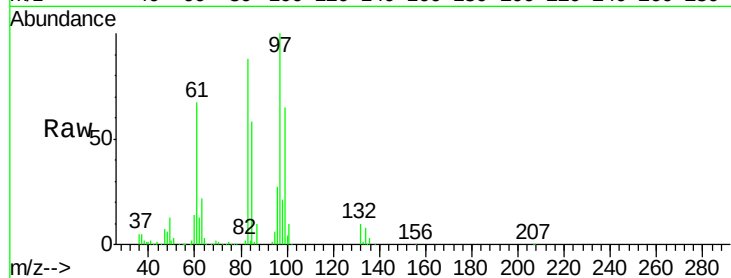




#55
 1,1,2-Trichloroethane
 Concen: 19.029 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

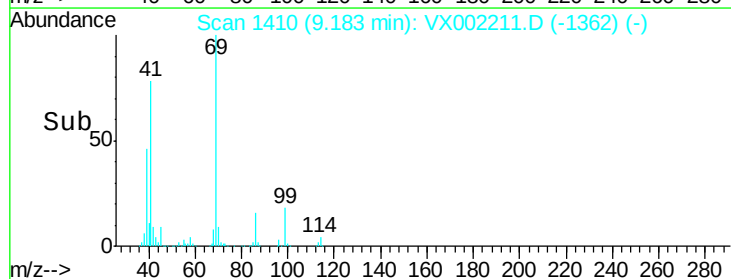
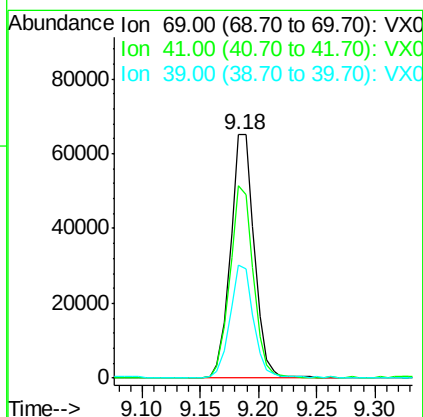
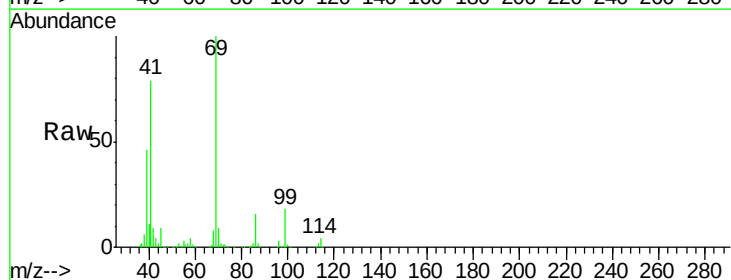
Instrument :
 MSVOA_X
 ClientSampleId :

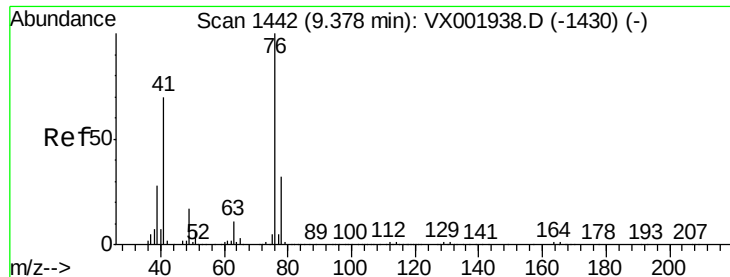
Tot Ion:	97	Resp:	59610
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.1	103.7
85	58.3	45.2	67.8
99	64.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 17.303 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion:	69	Resp:	93231
Ion	Ratio	Lower	Upper
69	100		
41	77.0	61.0	91.6
39	45.6	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.504 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

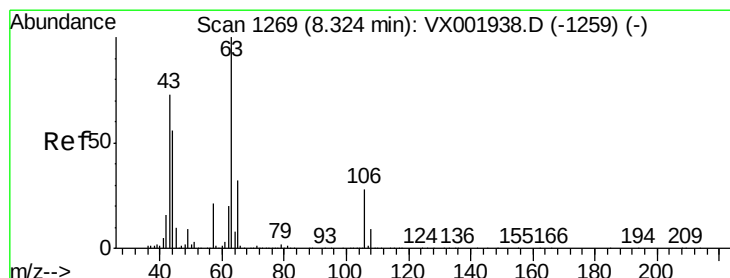
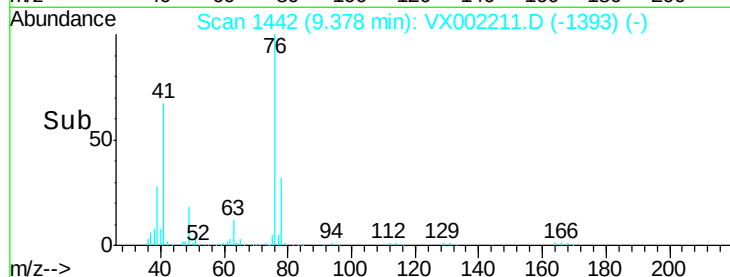
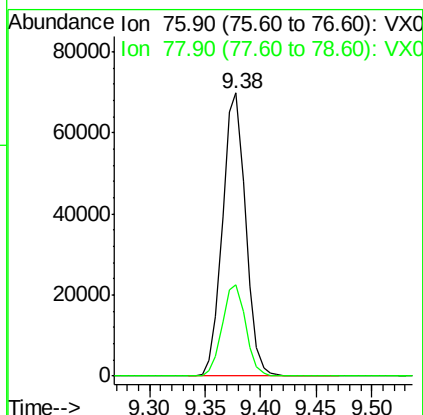
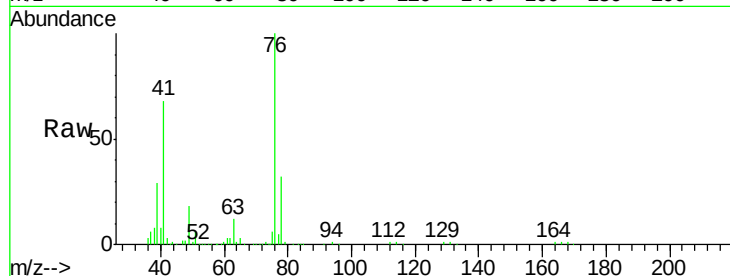
ClientSampleId :

Tot Ion: 76 Resp: 100655

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 85.916 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002211.D

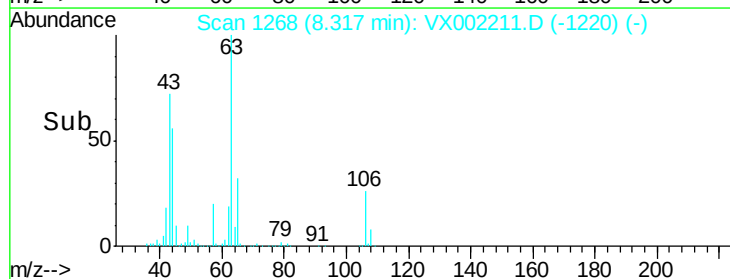
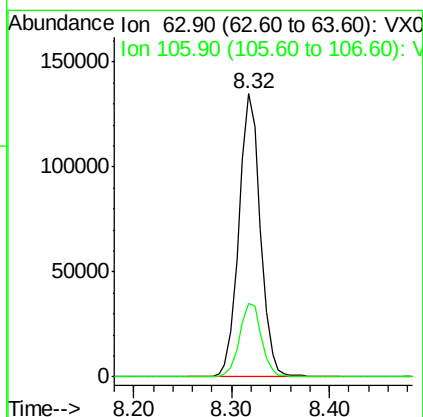
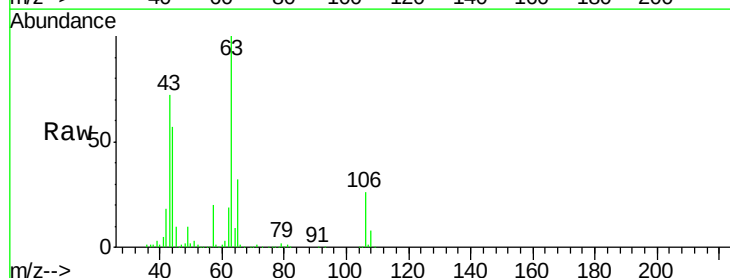
Acq: 01 Jun 2018 10:59

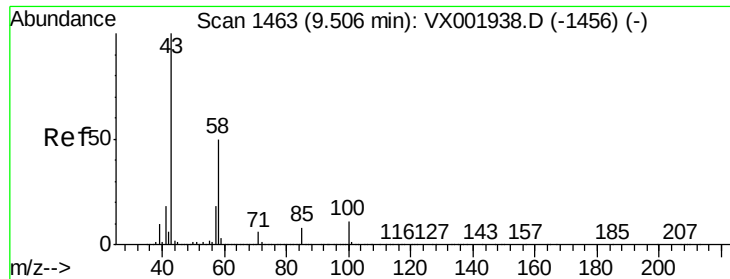
Tgt Ion: 63 Resp: 205186

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5

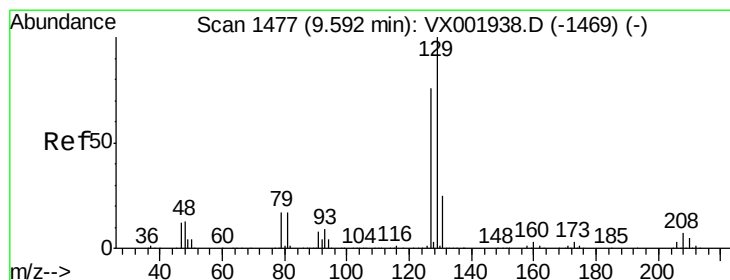
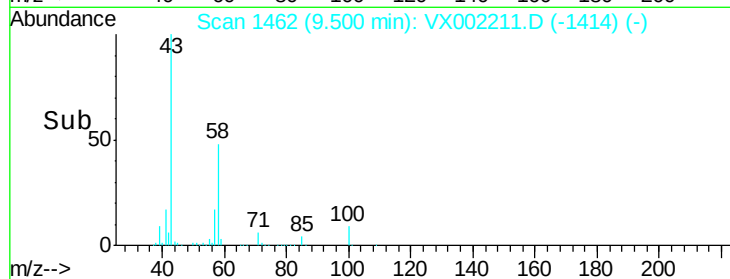
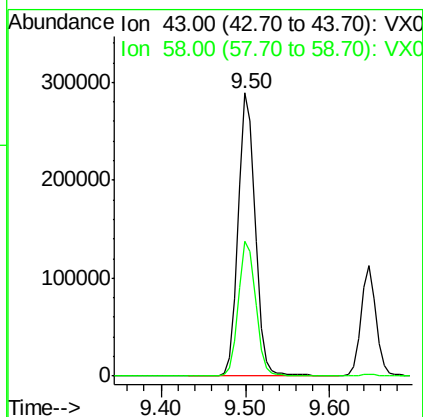
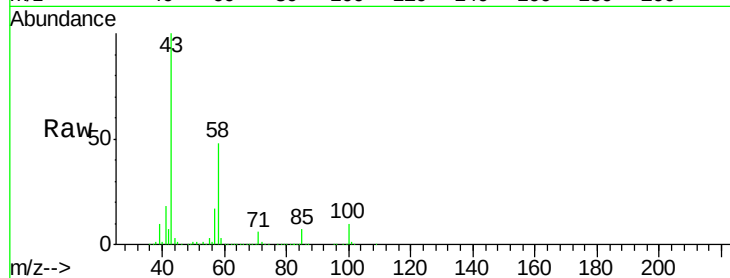




#59
2-Hexanone
Concen: 96.356 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

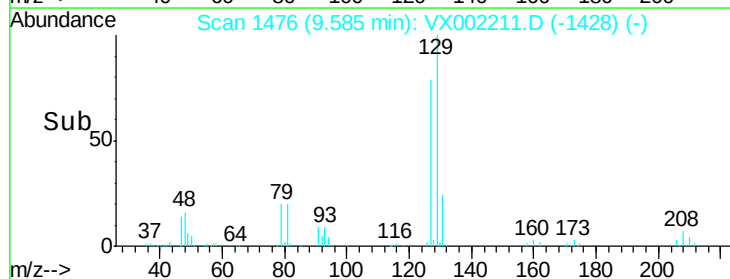
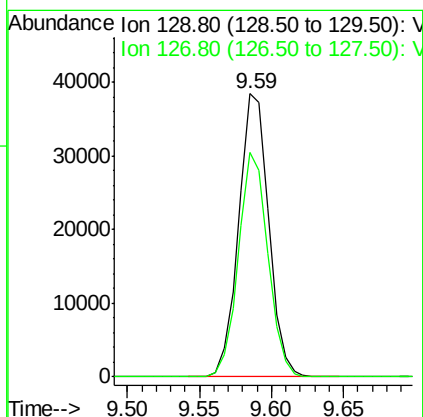
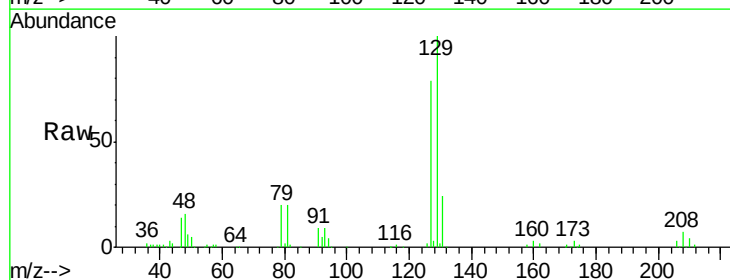
Instrument :
MSVOA_X
ClientSampleId :

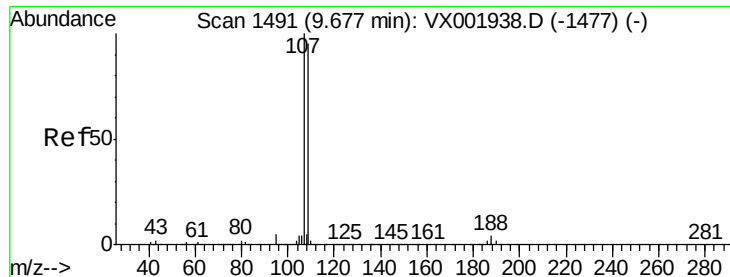
Tot Ion: 43 Resp: 391299
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 14.998 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 129 Resp: 55650
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.249 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

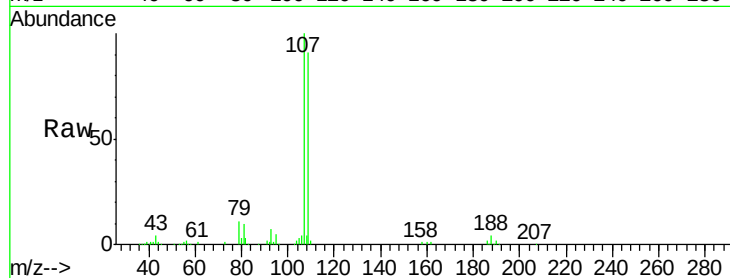
ClientSampled :

Tot Ion:107 Resp: 63272

Ion Ratio Lower Upper

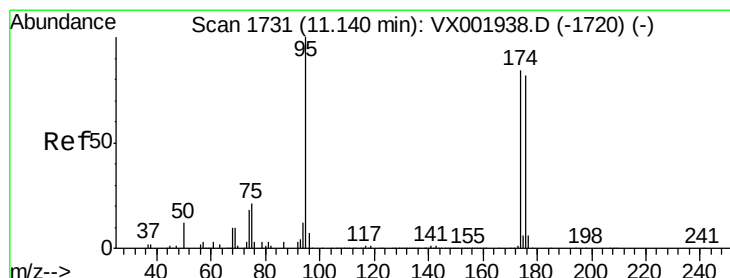
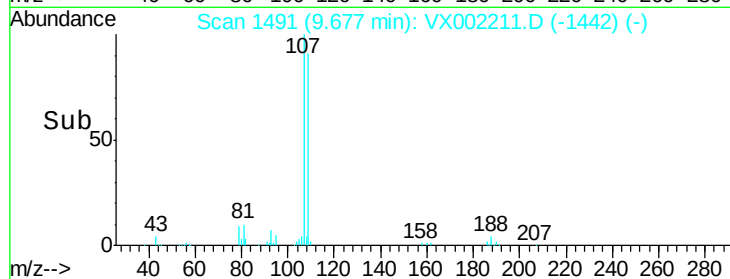
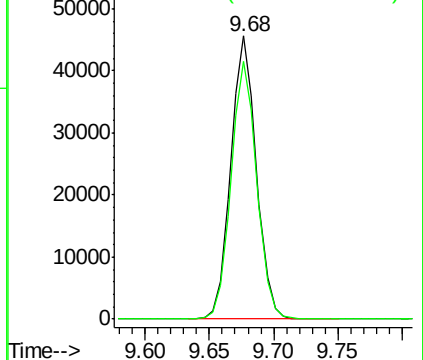
107 100

109 91.7 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.611 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

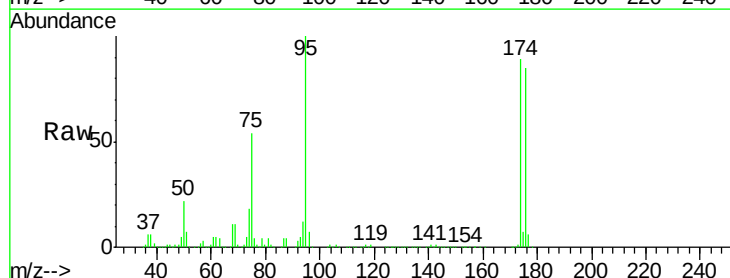
Tgt Ion: 95 Resp: 207293

Ion Ratio Lower Upper

95 100

174 93.4 0.0 178.8

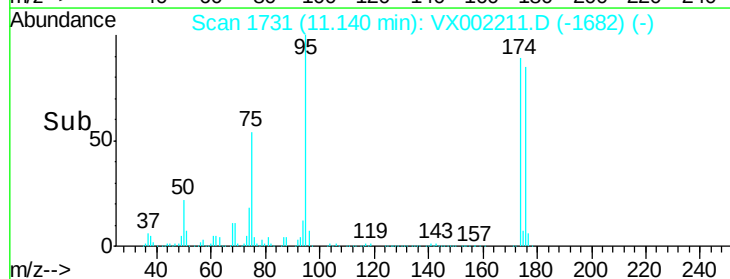
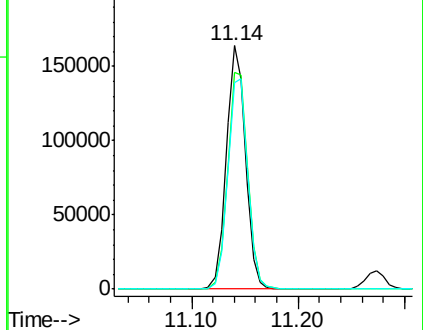
176 90.5 0.0 175.6

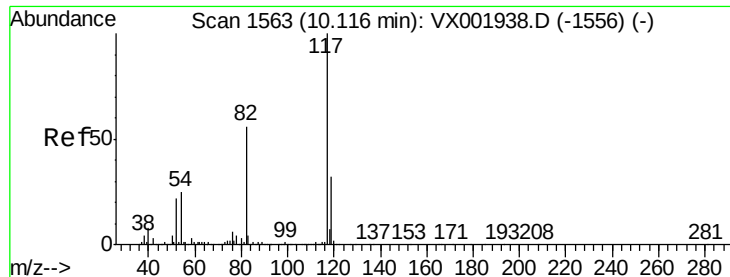


Abundance Ion 94.90 (94.60 to 95.60): VX0

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# 1563

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

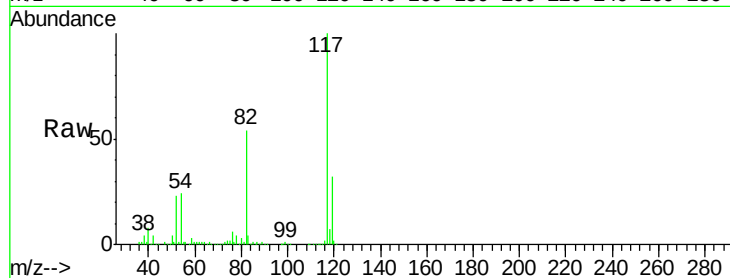
Tot Ion:117 Resp: 271519

Ion Ratio Lower Upper

117 100

82 54.1 44.8 67.2

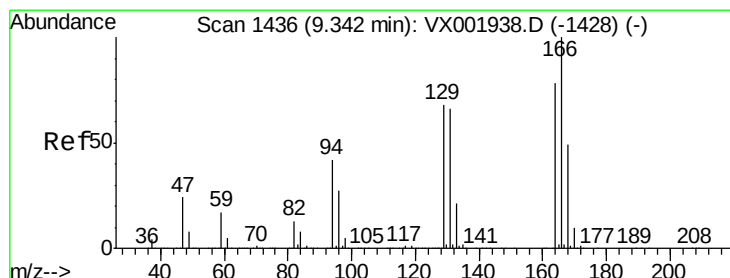
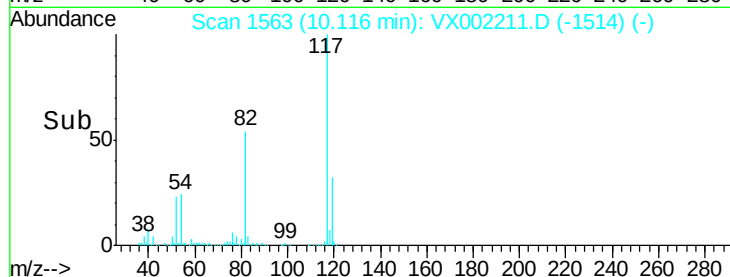
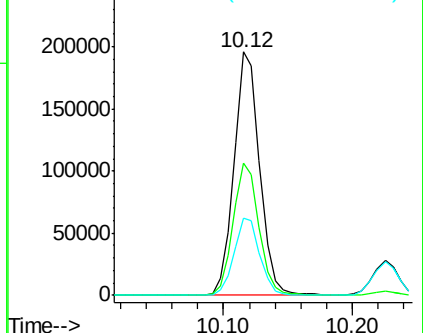
119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.325 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:164 Resp: 71341

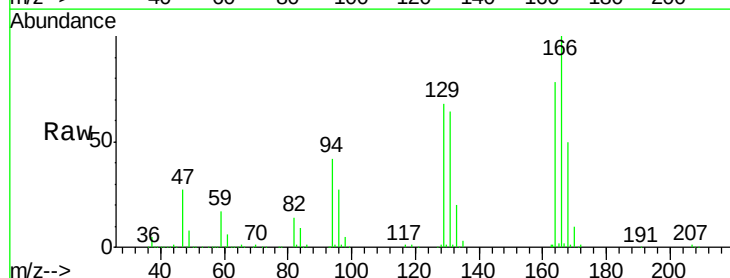
Ion Ratio Lower Upper

164 100

166 128.3 102.7 154.1

129 87.5 70.3 105.5

131 82.3 68.2 102.4

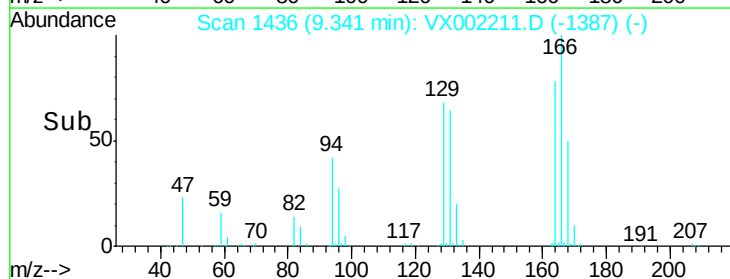
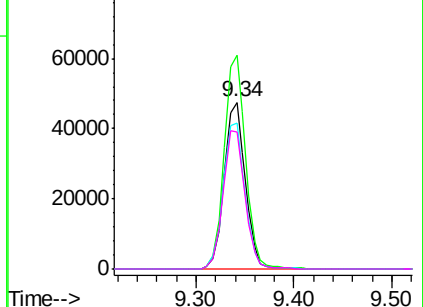


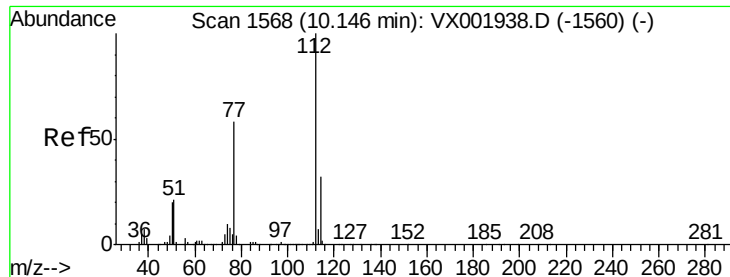
Abundance Ion 163.80 (163.50 to 164.50): V

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

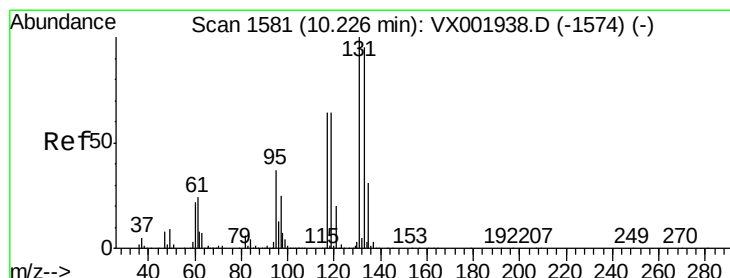
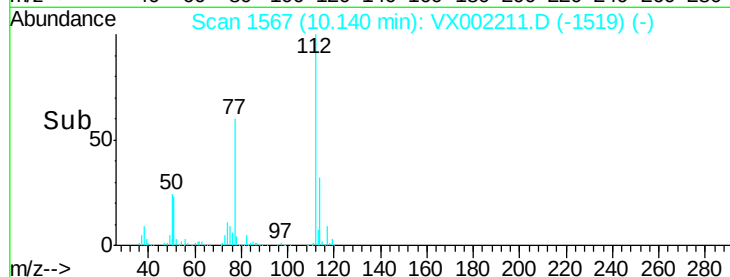
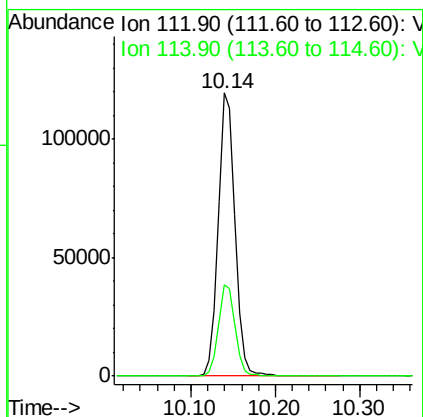
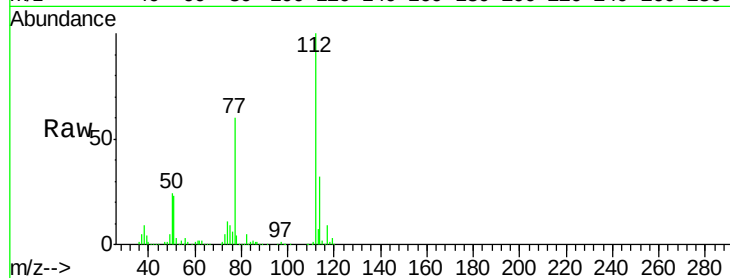




#65
Chlorobenzene
Concen: 19.282 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

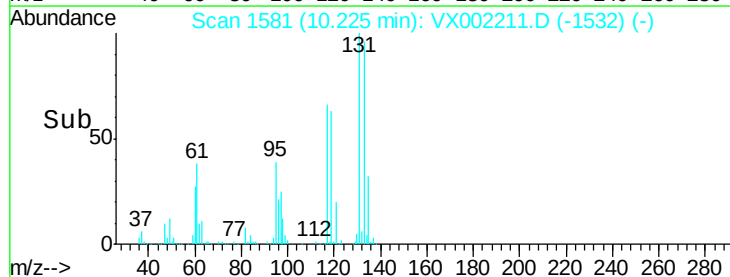
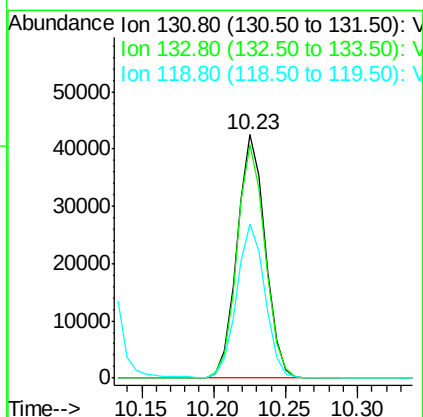
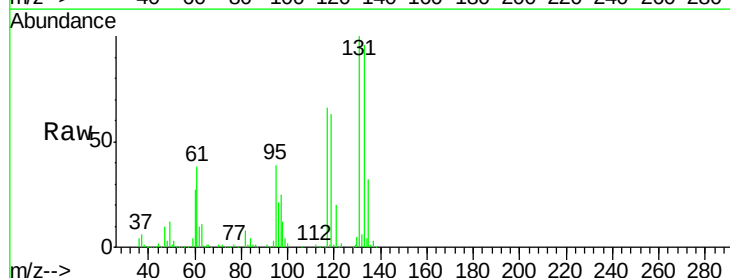
Instrument :
MSVOA_X
ClientSampled :

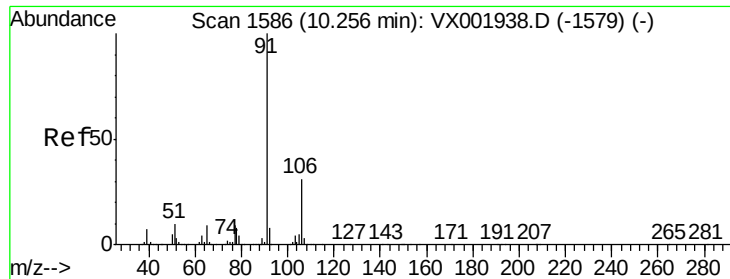
Tot Ion:112 Resp: 165873
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 16.609 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion:131 Resp: 57695
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 63.7 31.9 95.5

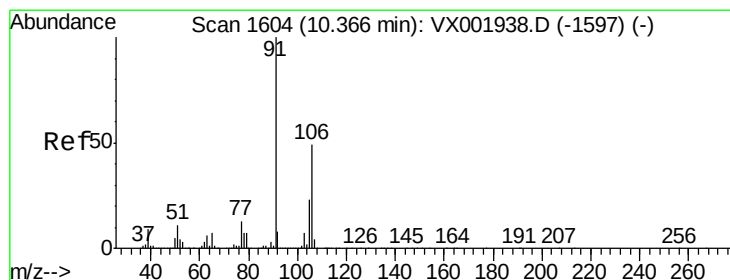
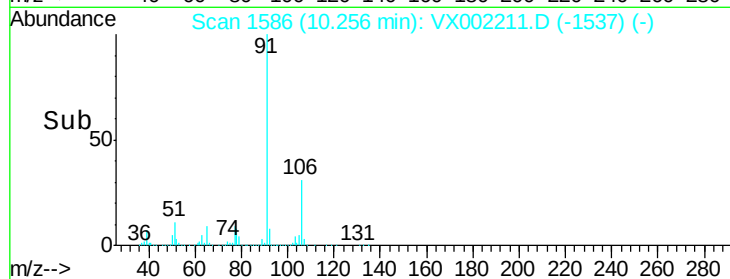
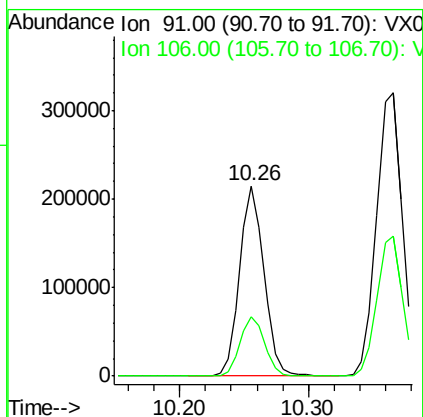
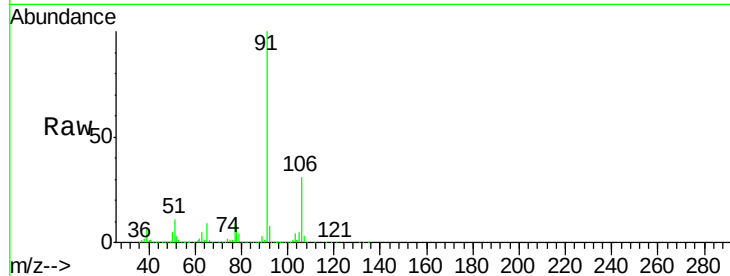




#67
Ethyl Benzene
Concen: 18.909 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

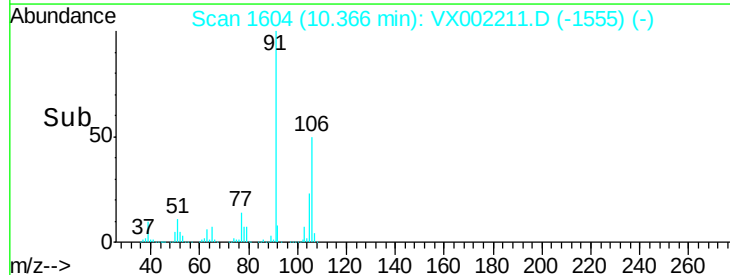
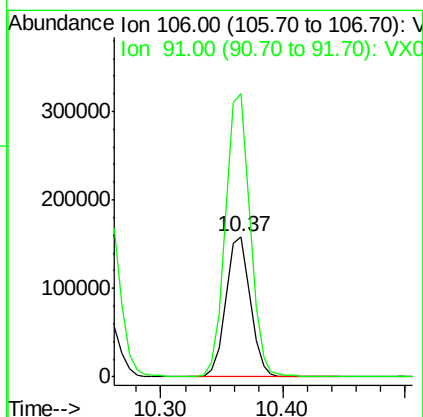
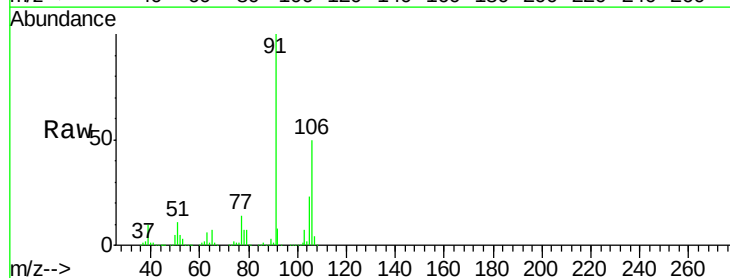
Instrument :
MSVOA_X
ClientSampled :

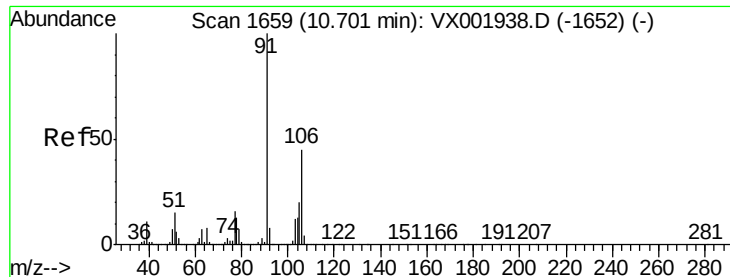
Tot Ion: 91 Resp: 282617
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 38.177 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 106 Resp: 218122
Ion Ratio Lower Upper
106 100
91 205.1 165.0 247.6





#69

o-Xylene

Concen: 19.043 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

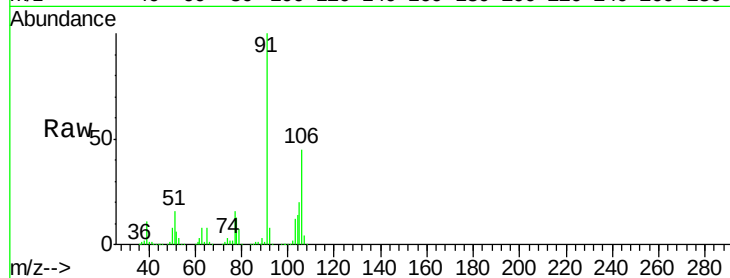
ClientSampleId :

Tot Ion:106 Resp: 108634

Ion Ratio Lower Upper

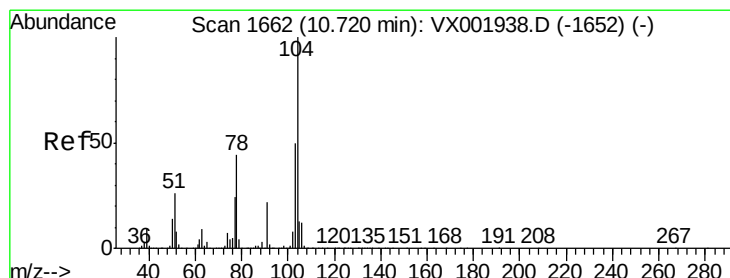
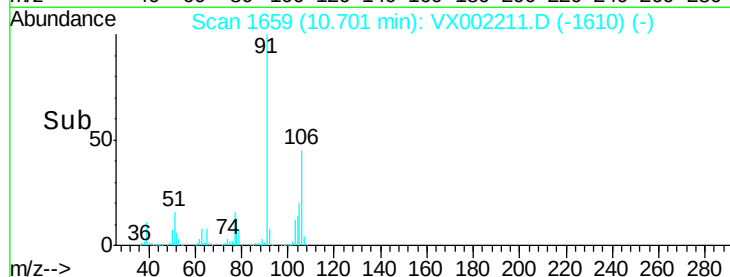
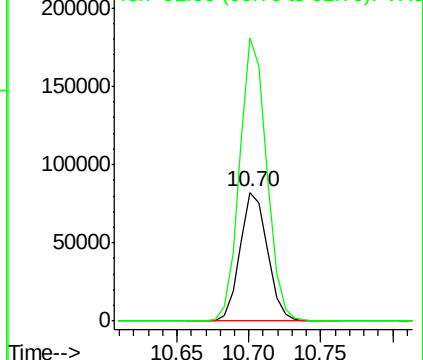
106 100

91 217.6 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.550 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

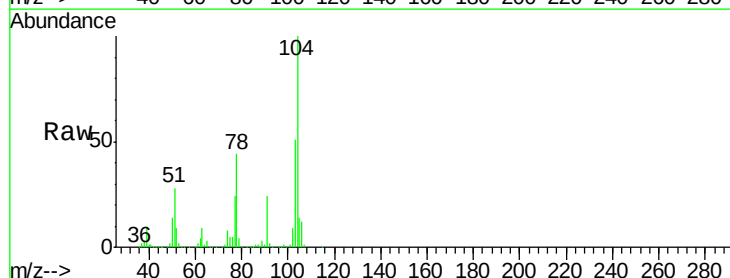
Tgt Ion:104 Resp: 175501

Ion Ratio Lower Upper

104 100

78 52.2 41.8 62.6

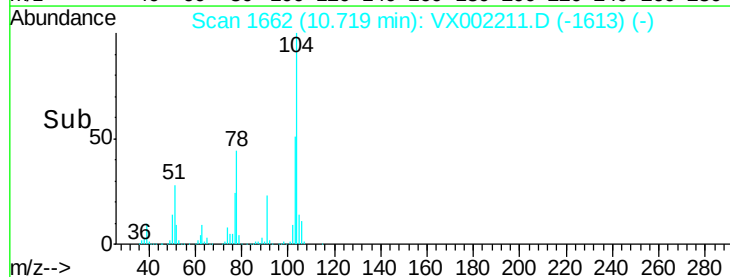
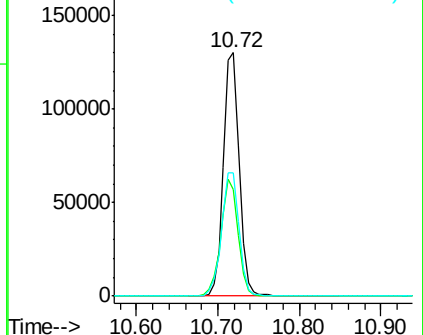
103 56.4 44.6 67.0

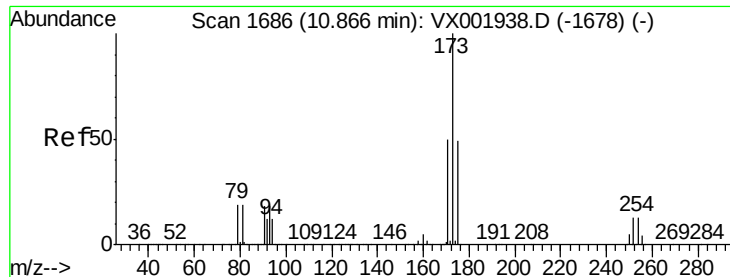


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

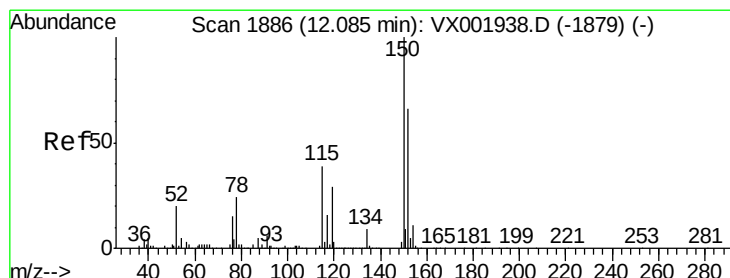
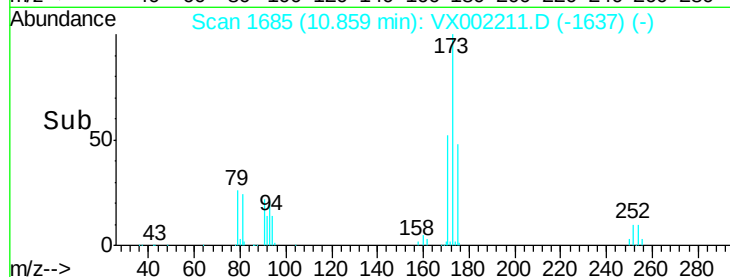
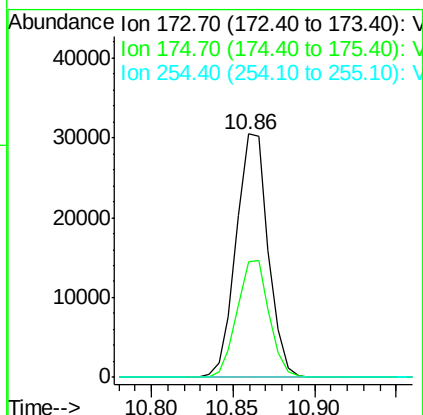
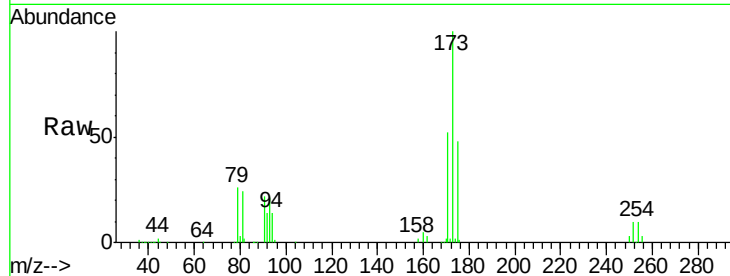




#71
Bromoform
Concen: 12.651 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

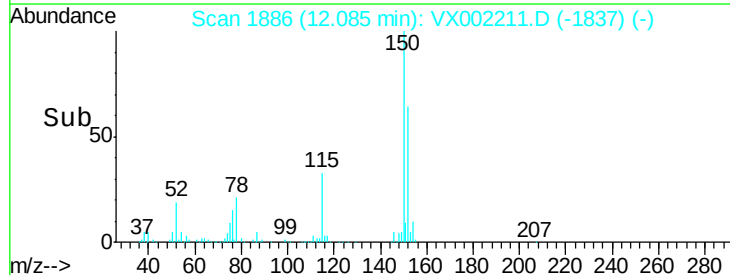
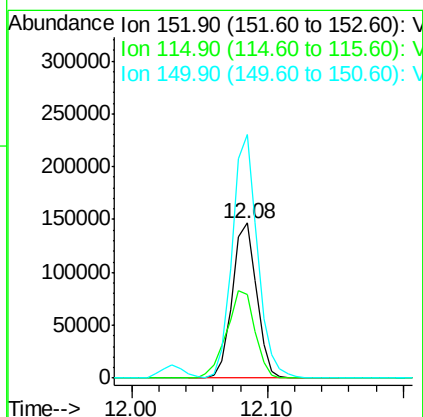
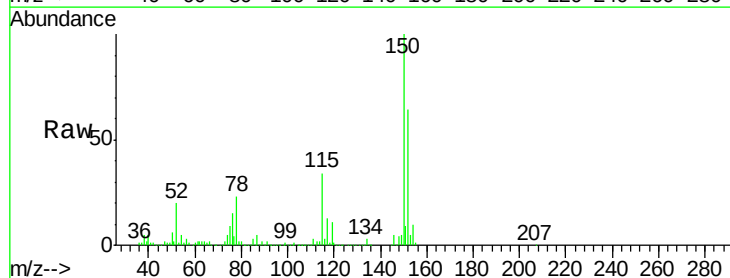
Instrument :
MSVOA_X
ClientSampleId :

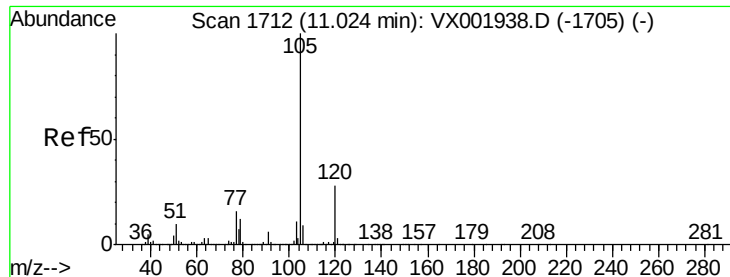
Tot Ion:173 Resp: 41670
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion:152 Resp: 181358
Ion Ratio Lower Upper
152 100
115 66.0 42.3 126.8
150 164.1 0.0 351.0





#73

Isopropylbenzene

Concen: 18.900 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

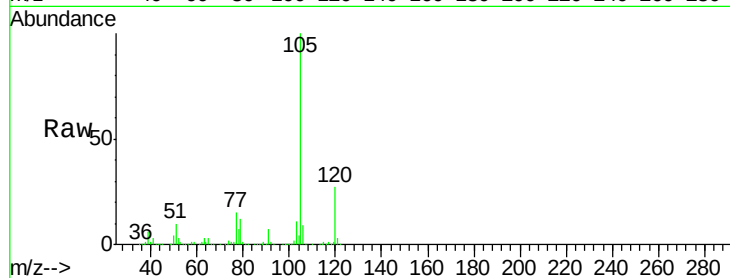
ClientSampled :

Tot Ion:105 Resp: 290254

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

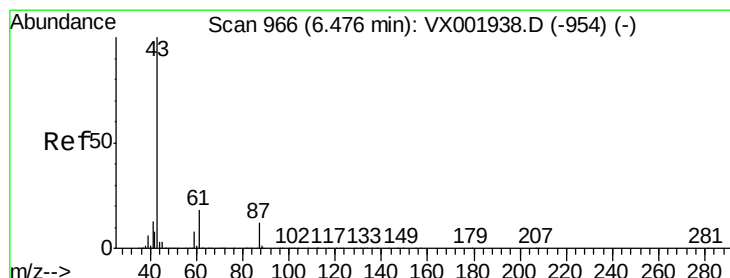
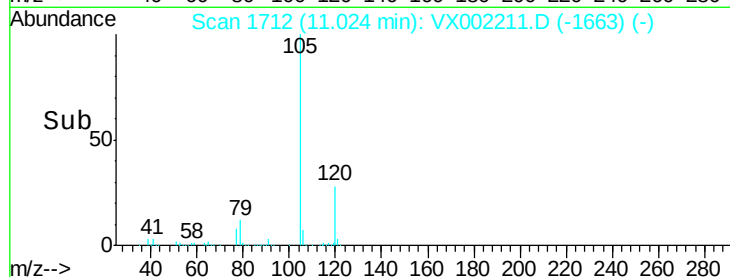
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.348 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion: 43 Resp: 154620

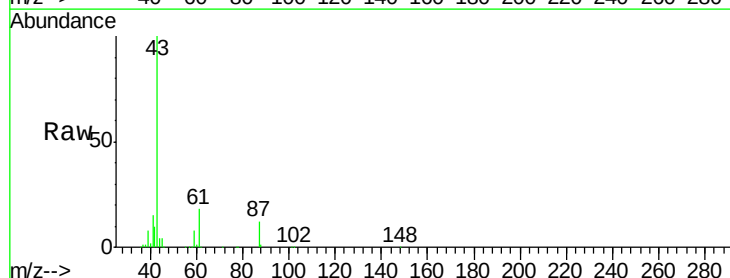
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.6 14.5 21.7



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

80000

60000

40000

20000

0

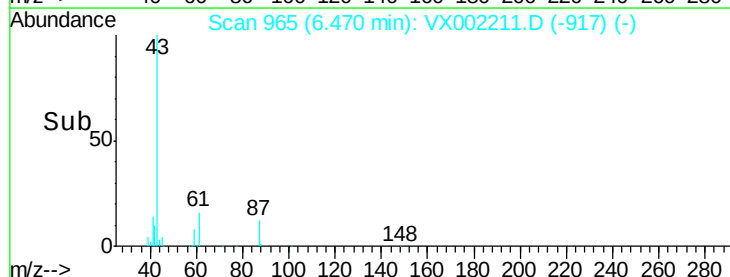
6.47

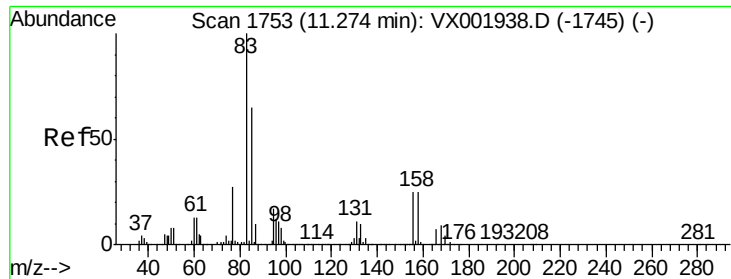
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.932 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

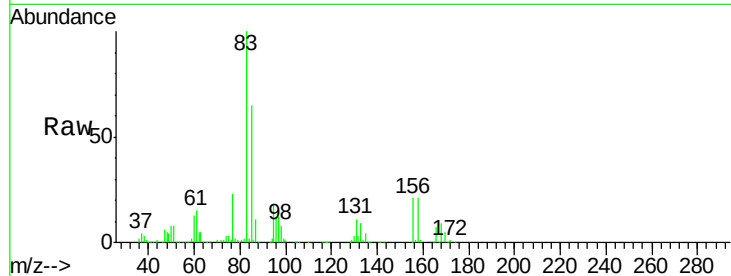
Tot Ion: 83 Resp: 86920

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

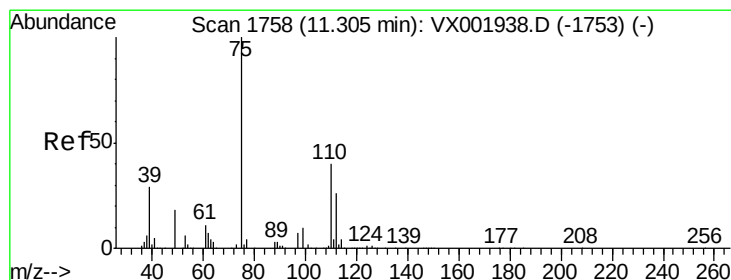
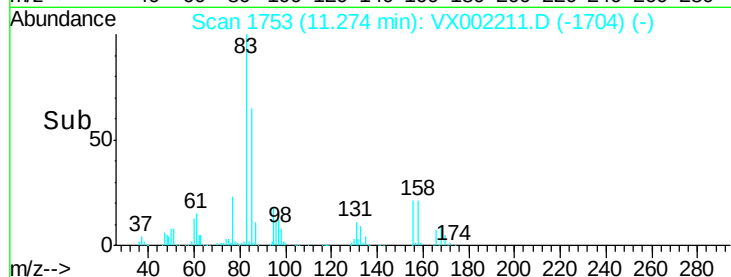
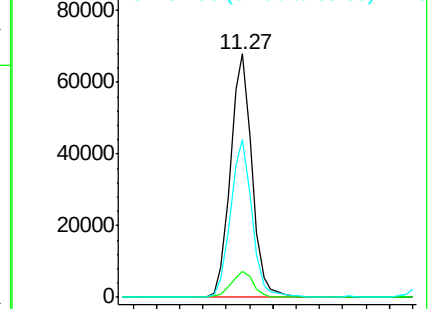
85 64.7 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.628 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002211.D

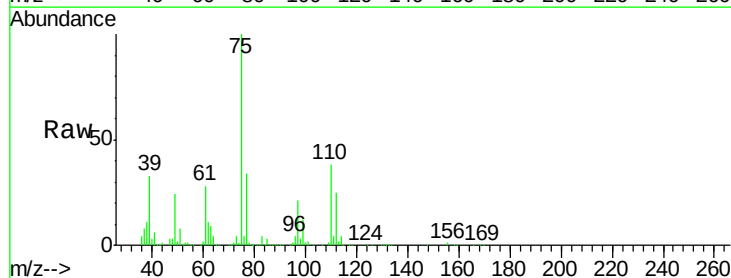
Acq: 01 Jun 2018 10:59

Tgt Ion: 75 Resp: 102926

Ion Ratio Lower Upper

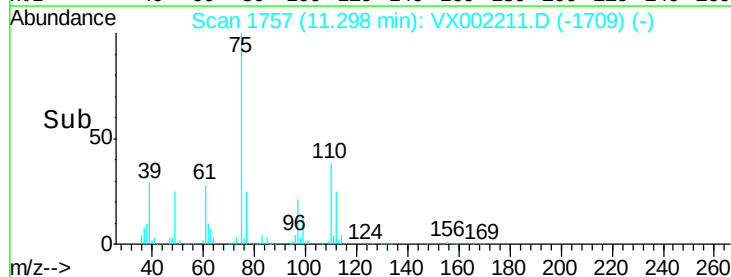
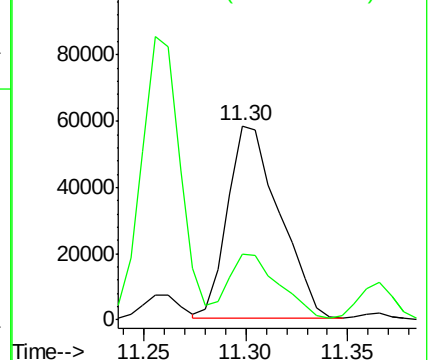
75 100

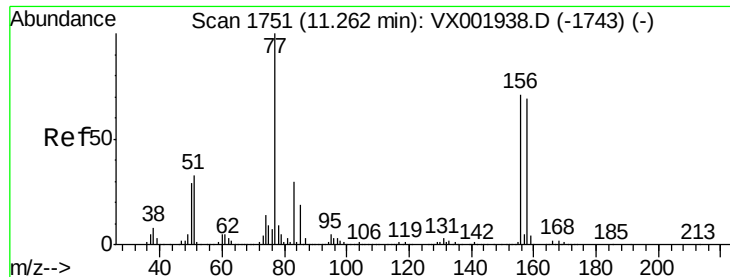
77 33.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.057 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

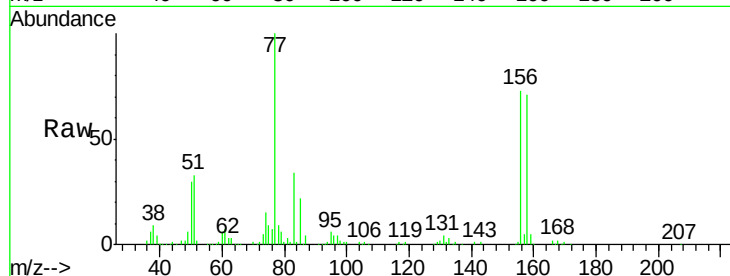
Tot Ion:156 Resp: 77649

Ion Ratio Lower Upper

156 100

77 144.7 75.2 225.6

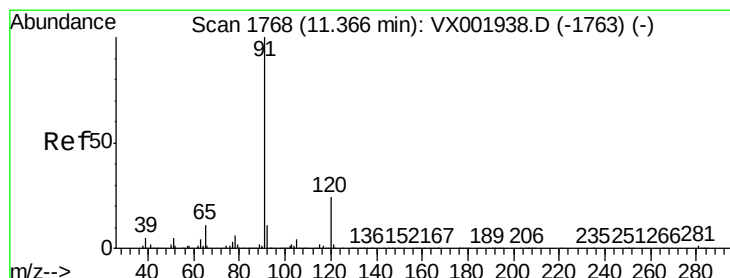
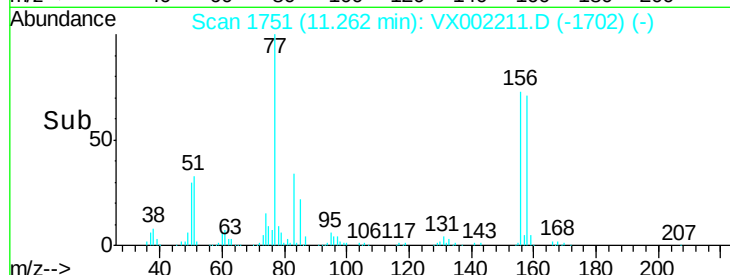
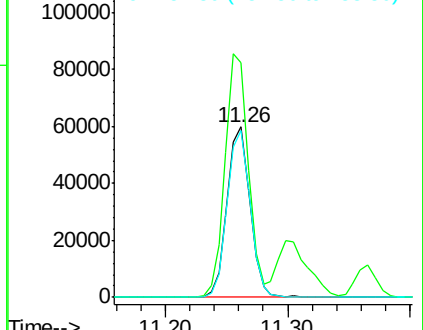
158 98.0 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.065 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002211.D

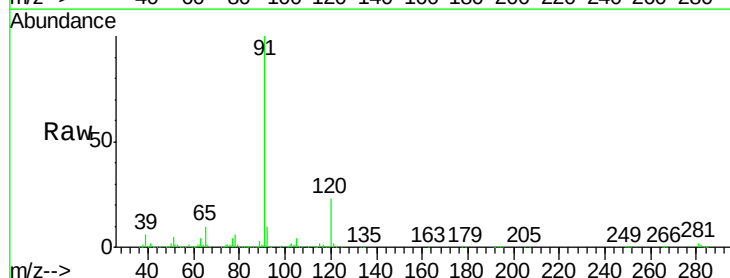
Acq: 01 Jun 2018 10:59

Tgt Ion: 91 Resp: 327929

Ion Ratio Lower Upper

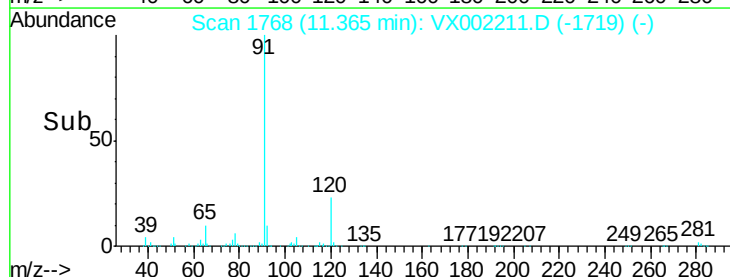
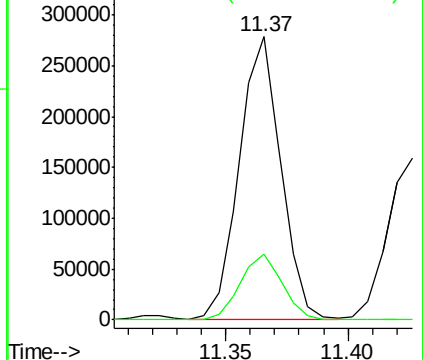
91 100

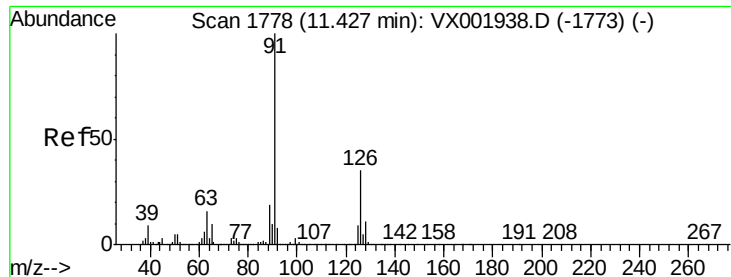
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.407 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

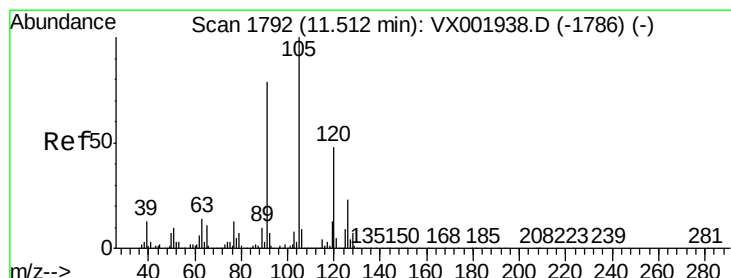
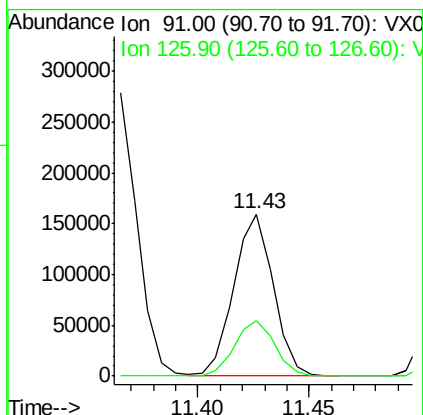
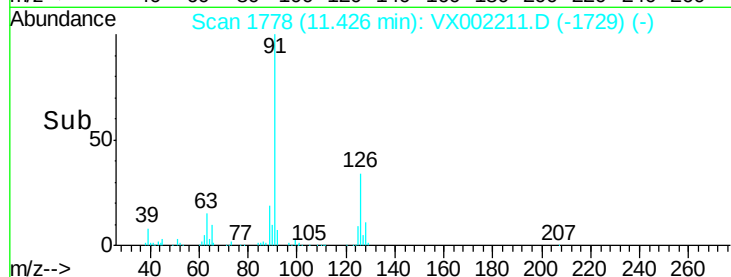
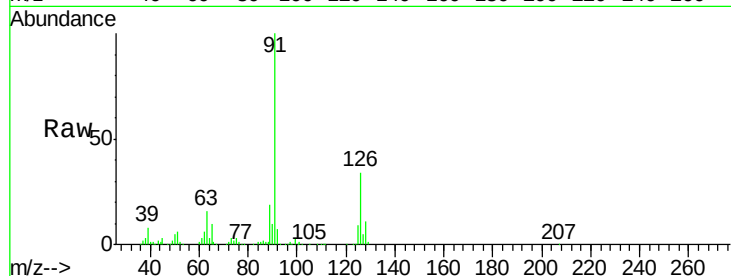
ClientSampleId :

Tot Ion: 91 Resp: 196430

Ion Ratio Lower Upper

91 100

126 35.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.840 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002211.D

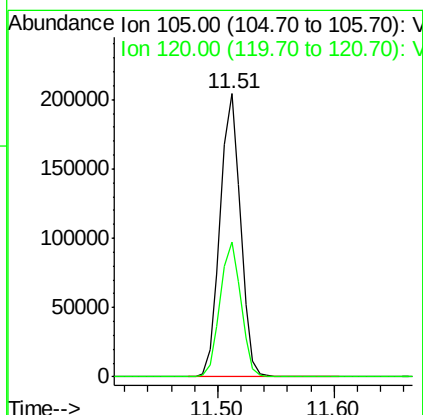
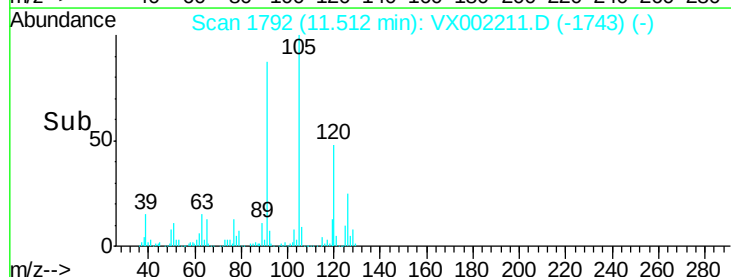
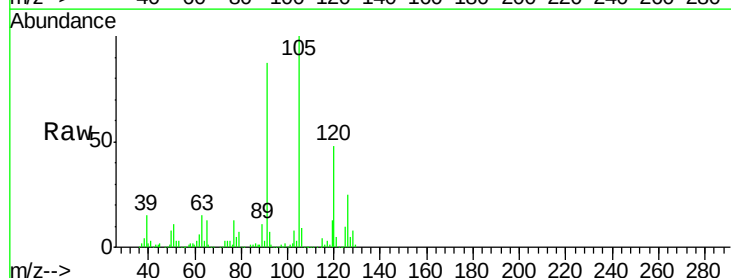
Acq: 01 Jun 2018 10:59

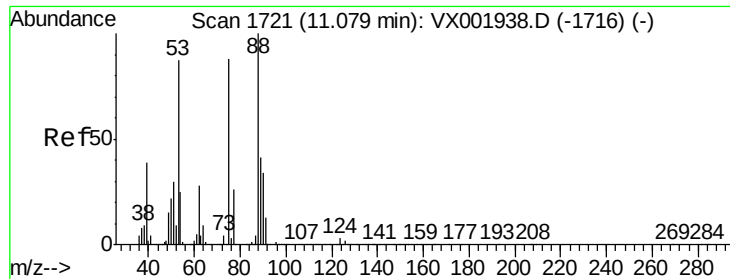
Tgt Ion: 105 Resp: 247261

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4

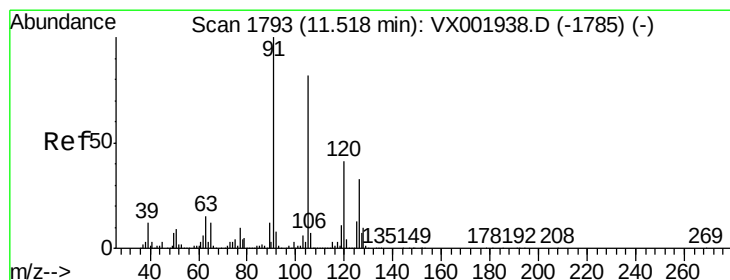
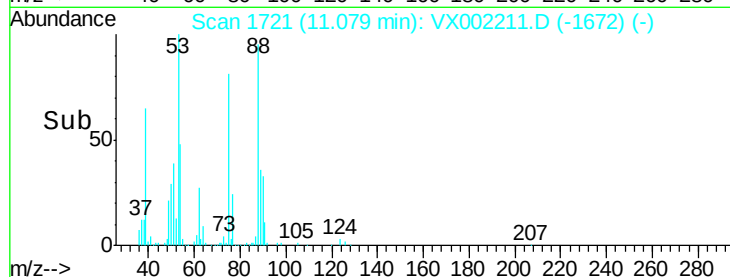
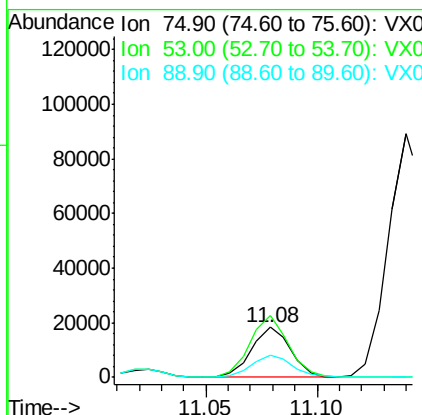
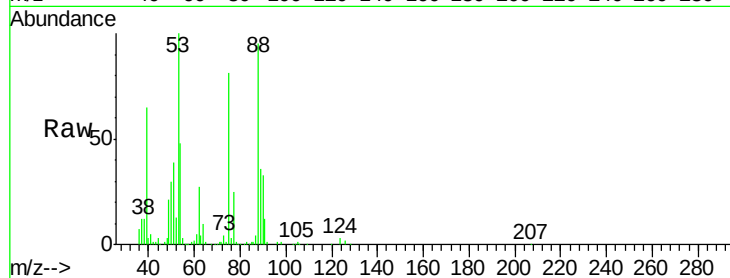




#81
trans-1,4-Dichloro-2-butene
Concen: 12.246 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

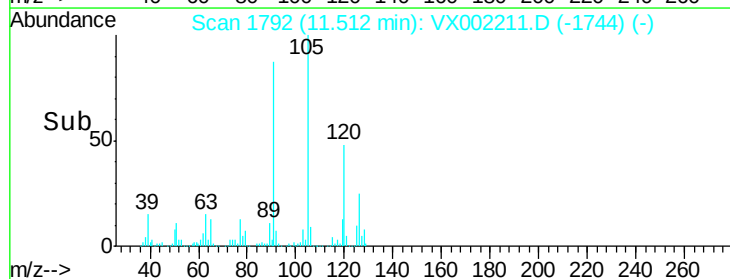
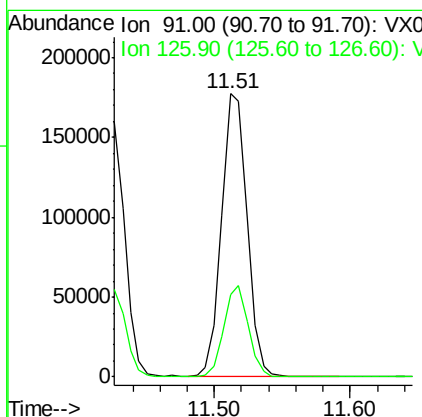
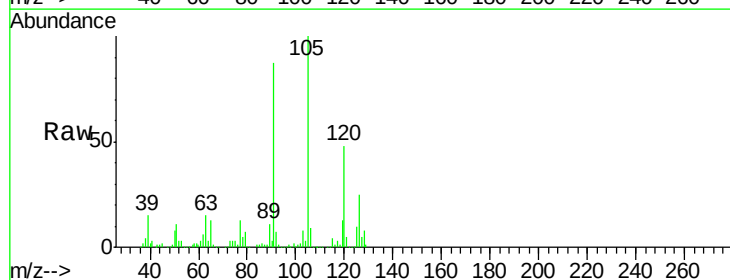
Instrument :
MSVOA_X
ClientSampleId :

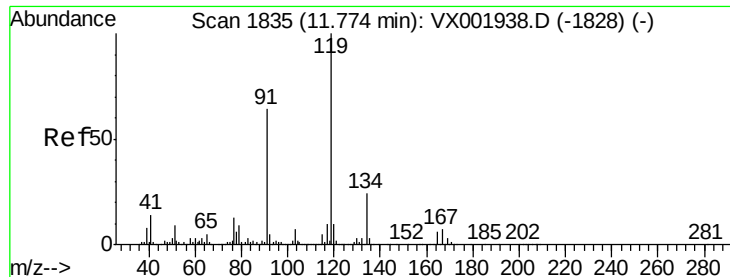
Tot Ion: 75 Resp: 22196
Ion Ratio Lower Upper
75 100
53 122.9 78.0 117.0#
89 46.4 39.4 59.2



#82
4-Chlorotoluene
Concen: 19.048 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 91 Resp: 231077
Ion Ratio Lower Upper
91 100
126 30.7 15.3 45.8

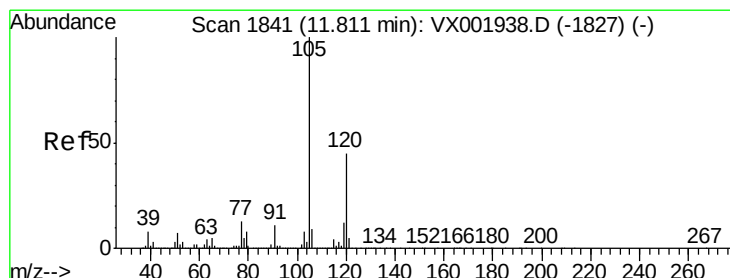
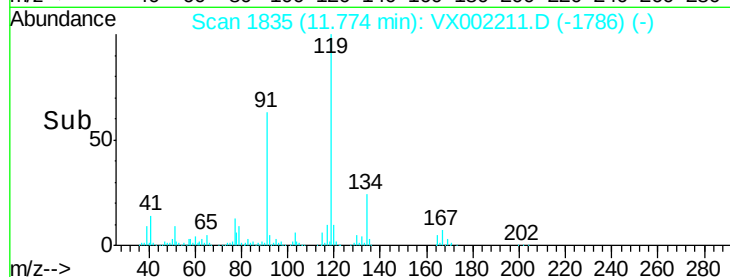
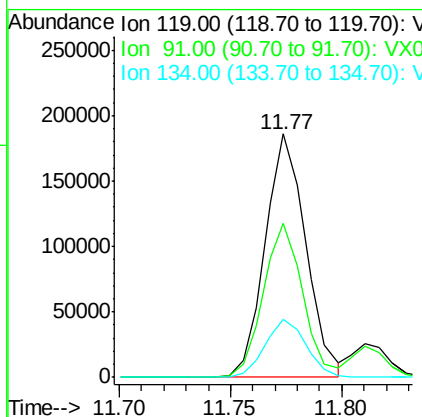
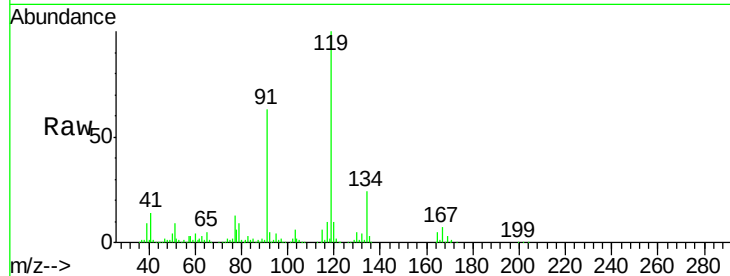




#83
tert-Butylbenzene
Concen: 18.330 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

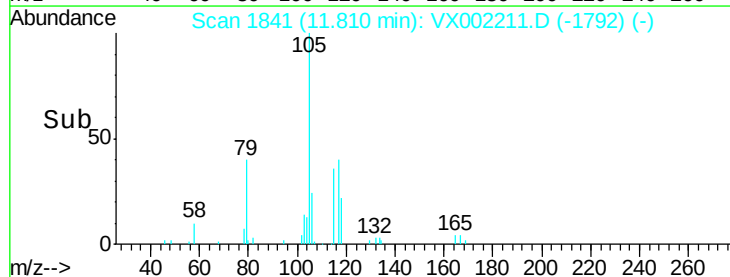
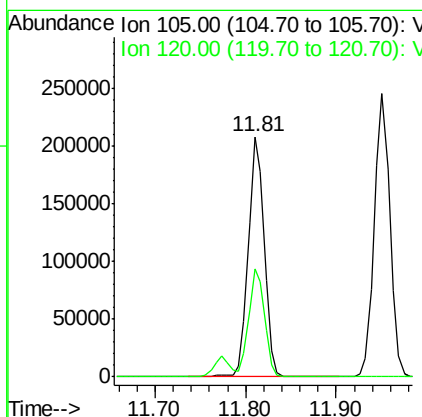
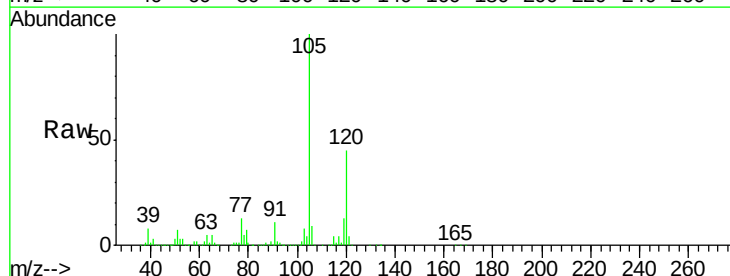
Instrument :
MSVOA_X
ClientSampleId :

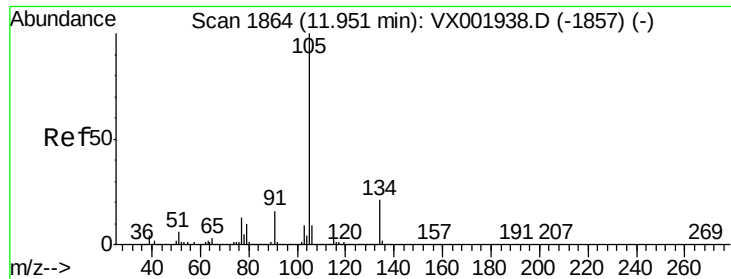
Tot Ion:119 Resp: 236071
Ion Ratio Lower Upper
119 100
91 61.5 30.6 91.8
134 24.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 18.771 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion:105 Resp: 254589
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.905 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

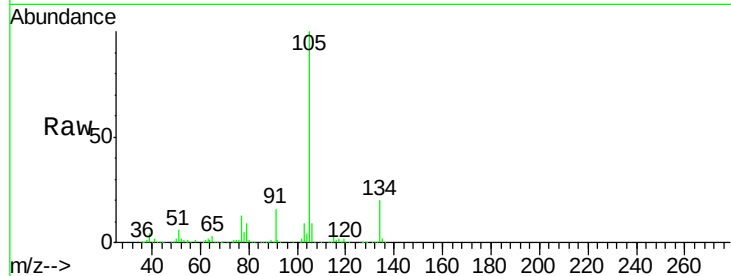
ClientSampled :

Tot Ion:105 Resp: 292683

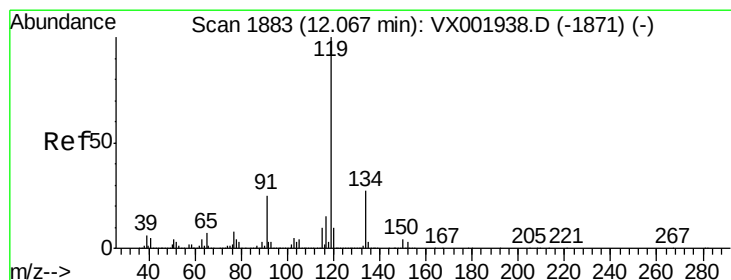
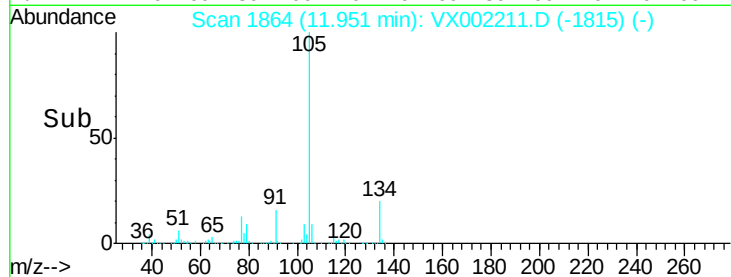
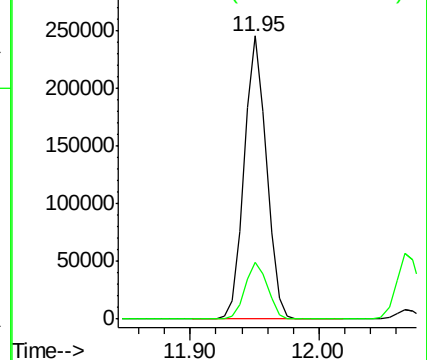
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4



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



#86

p-Isopropyltoluene

Concen: 18.986 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

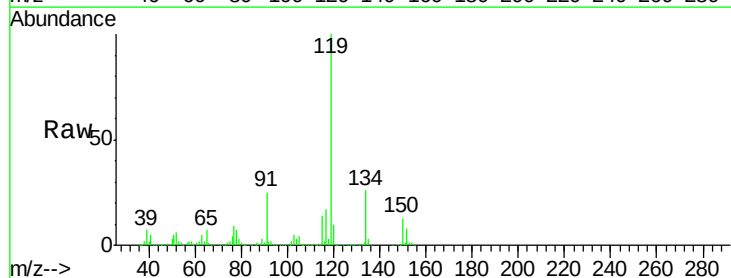
Tgt Ion:119 Resp: 263024

Ion Ratio Lower Upper

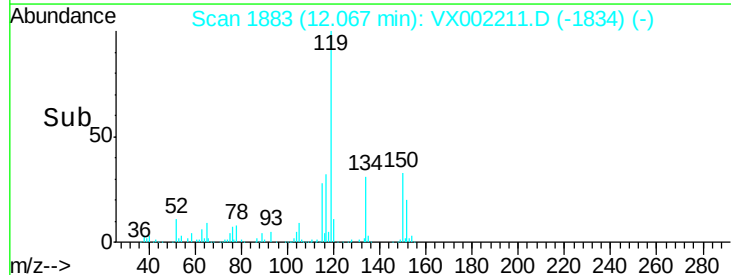
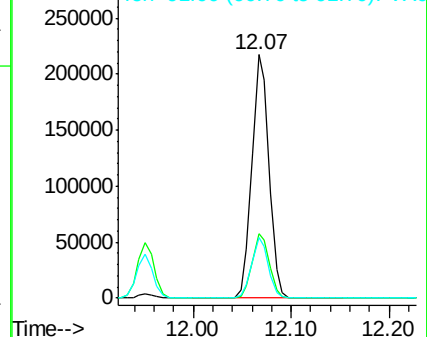
119 100

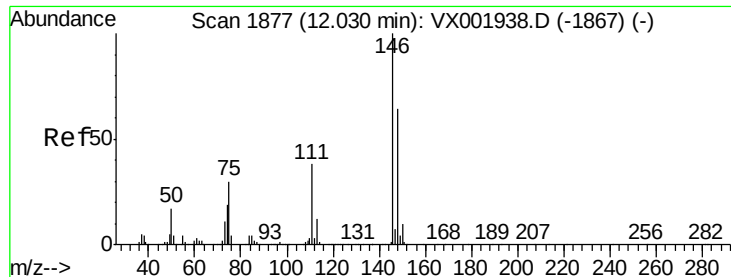
134 26.6 13.6 40.8

91 24.5 12.2 36.4



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

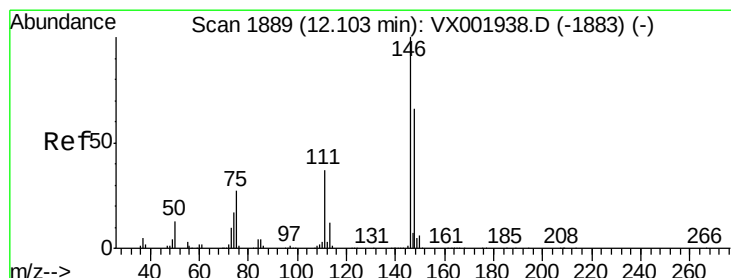
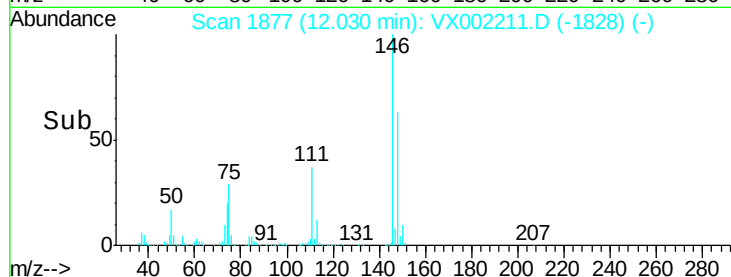
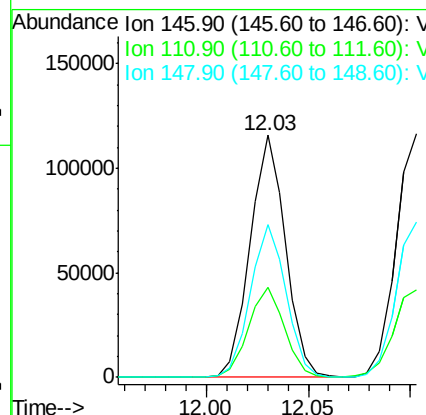
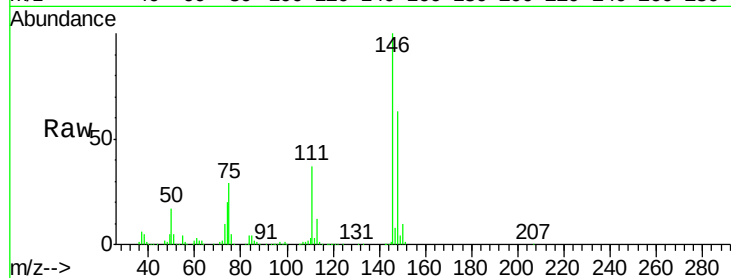




#87
 1,3-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

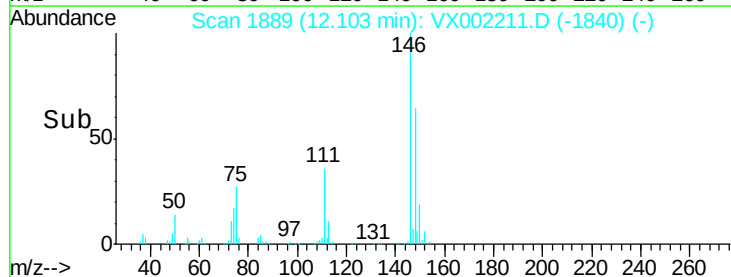
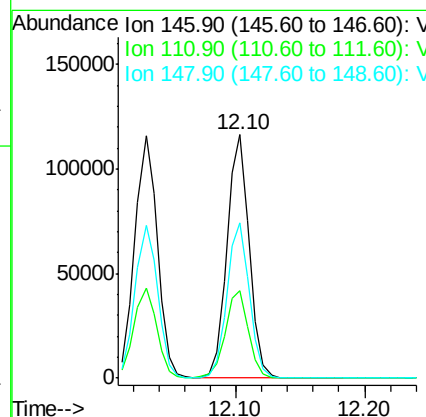
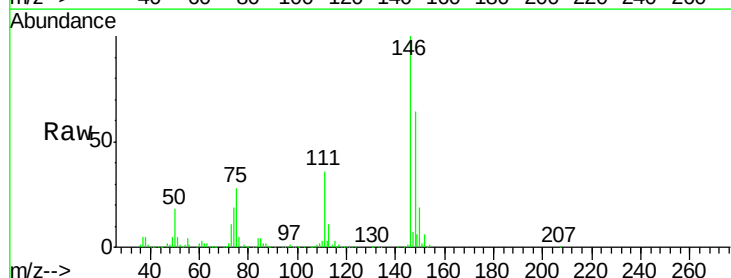
Instrument :
 MSVOA_X
 ClientSampleId :

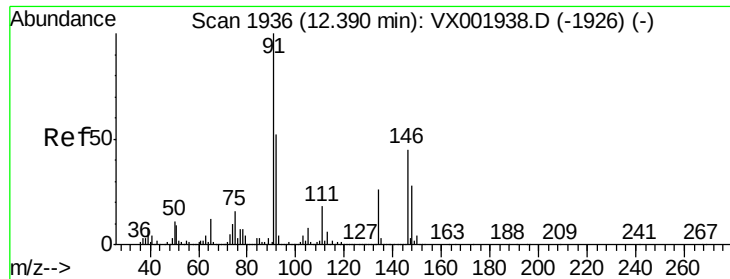
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.411 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.4	32.3	96.8





#89

n-Butylbenzene

Concen: 18.805 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

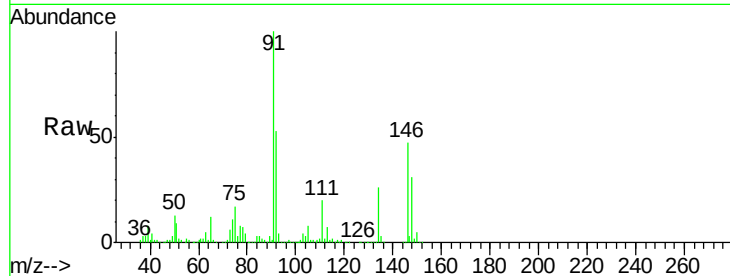
Tot Ion: 91 Resp: 220742

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 26.7 13.6 40.7

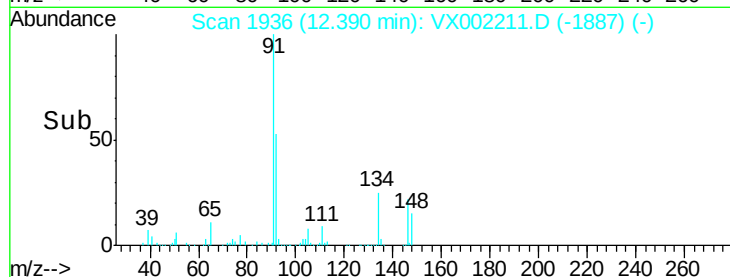


Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)

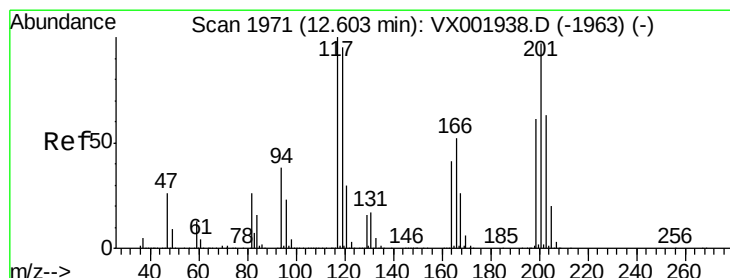
Ion 92.00 (91.70 to 92.70): VX001938.D (-1926) (-)

Ion 134.00 (133.70 to 134.70): VX001938.D (-1926) (-)

Time-->



Time-->



#90

Hexachloroethane

Concen: 13.448 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002211.D

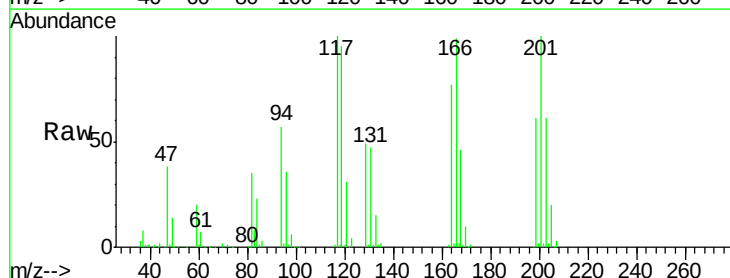
Acq: 01 Jun 2018 10:59

Tgt Ion: 117 Resp: 36750

Ion Ratio Lower Upper

117 100

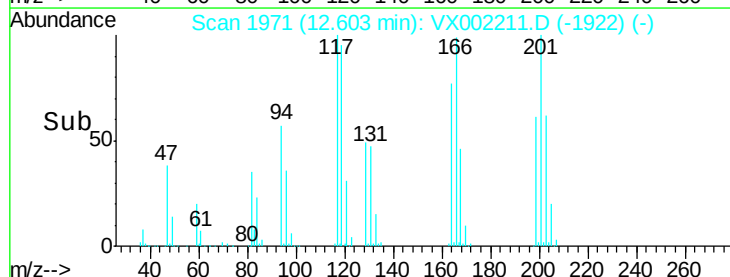
201 93.7 48.0 144.0



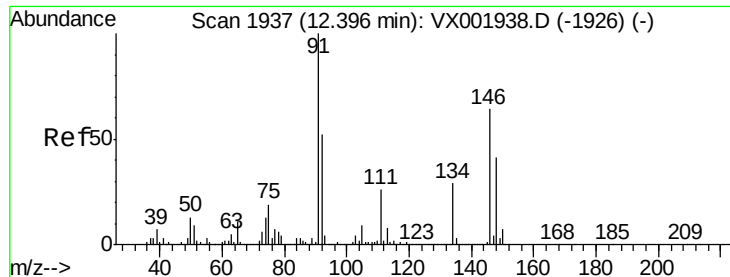
Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX001938.D (-1963) (-)

Time-->



Time-->



#91

1,2-Dichlorobenzene

Concen: 19.468 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

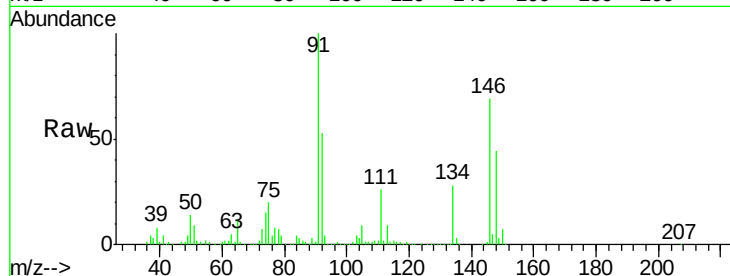
Tot Ion:146 Resp: 144744

Ion Ratio Lower Upper

146 100

111 38.7 19.8 59.3

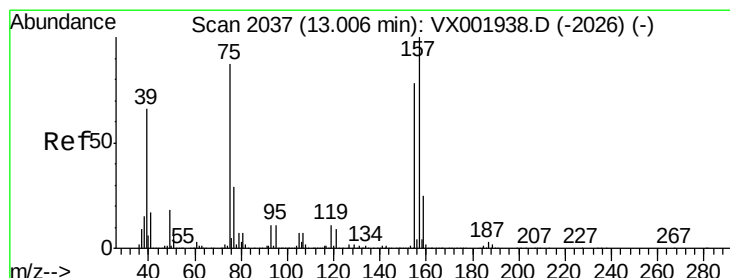
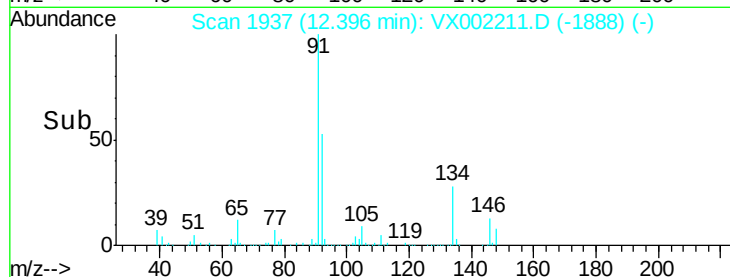
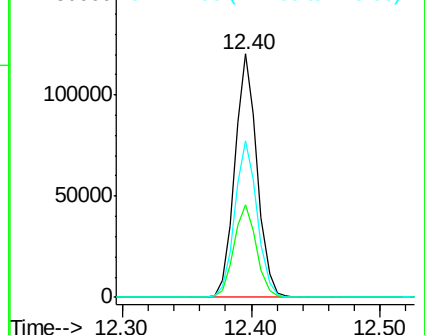
148 64.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 13.879 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

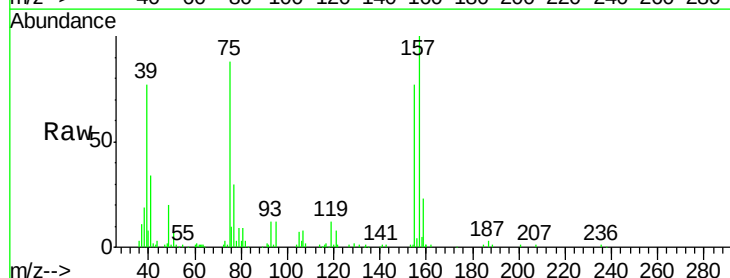
Tgt Ion: 75 Resp: 18951

Ion Ratio Lower Upper

75 100

155 89.0 45.1 135.2

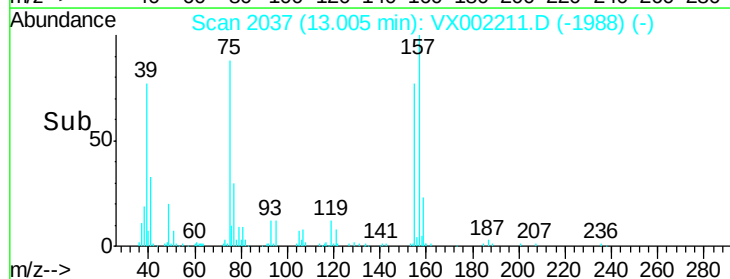
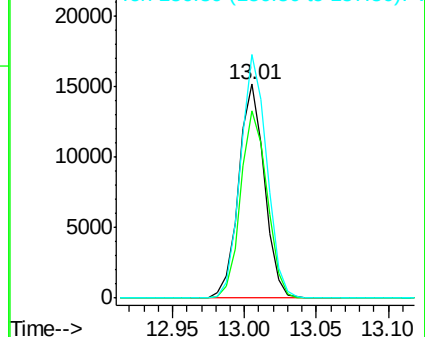
157 115.1 58.1 174.2

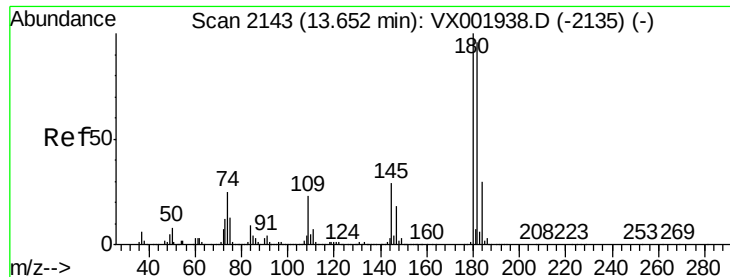


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

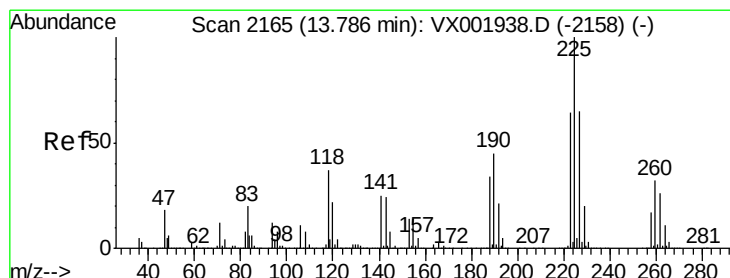
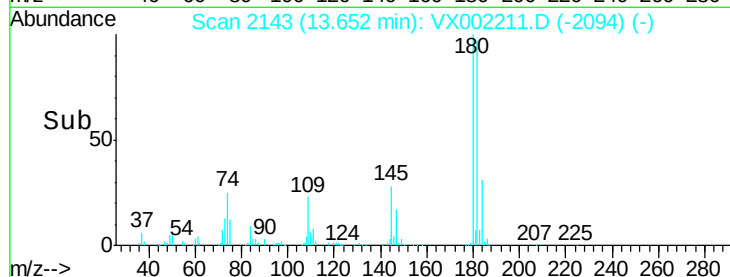
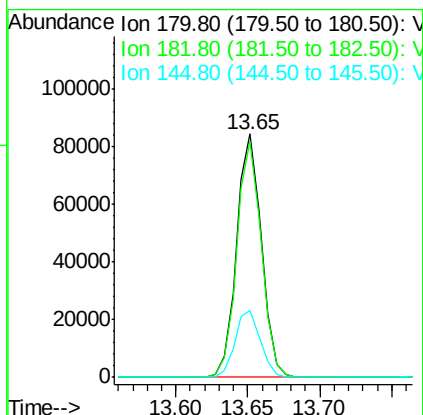
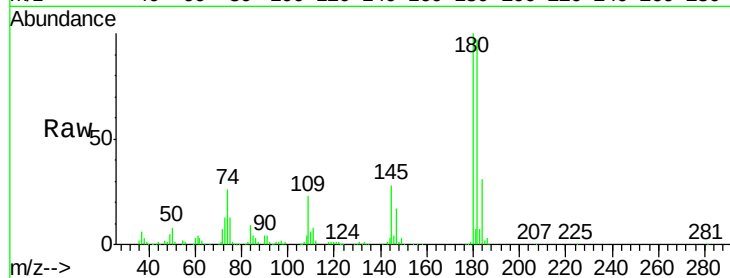




#93
 1,2,4-Trichlorobenzene
 Concen: 19.031 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

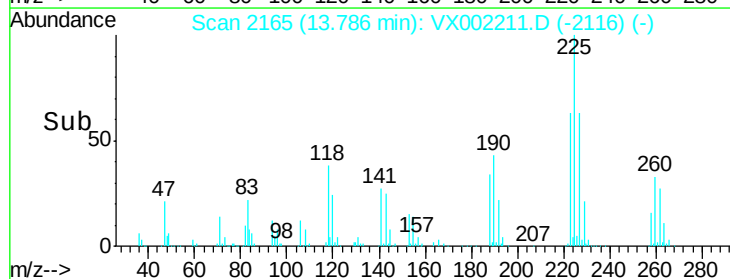
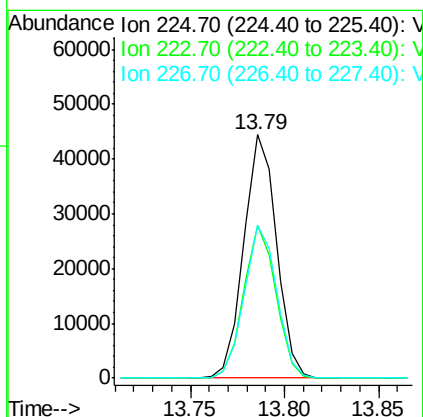
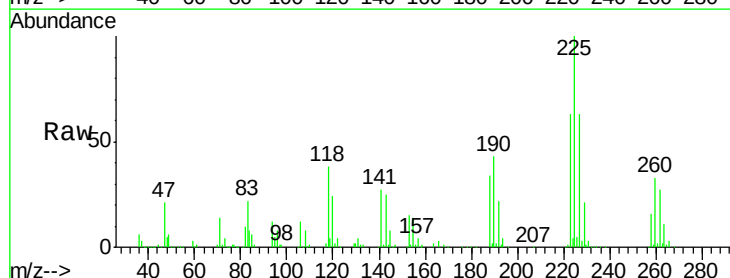
Instrument :
 MSVOA_X
 ClientSampled :

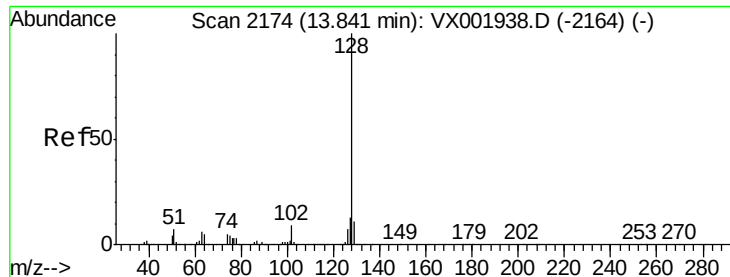
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.7	143.1
145	28.1	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 18.711 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.5
227	62.6	32.1	96.5





#95

Naphthalene

Concen: 18.557 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

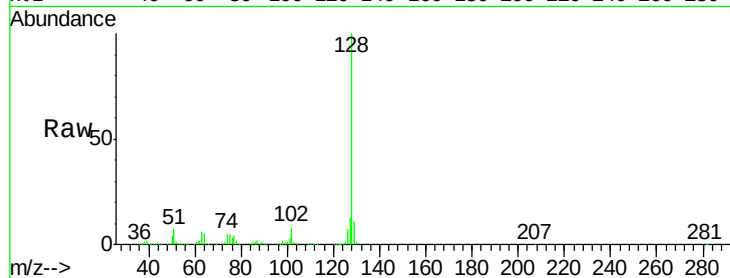
Tot Ion:128 Resp: 303952

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

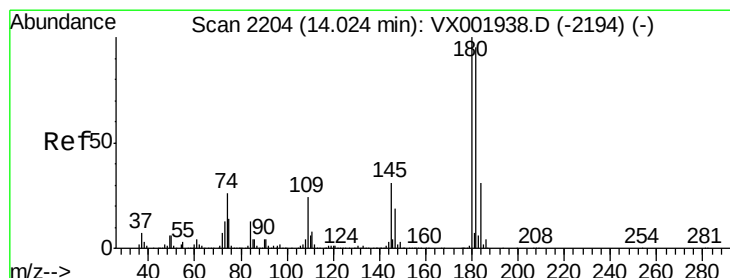
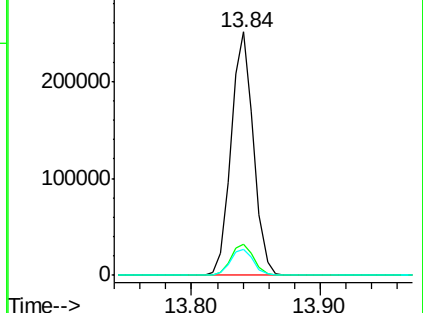
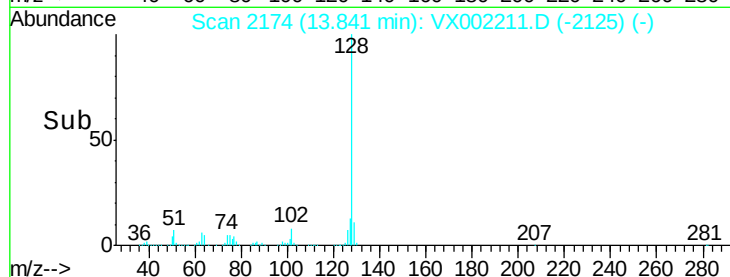
129 11.1 8.8 13.2



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: 19.295 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

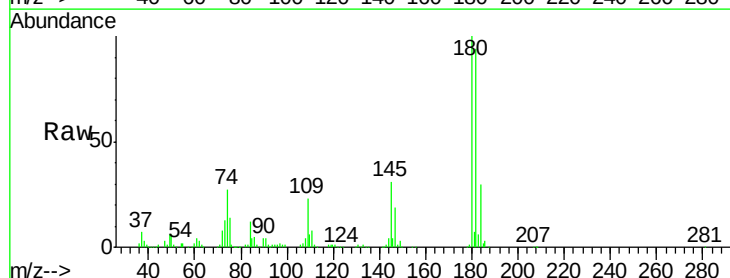
Tgt Ion:180 Resp: 106145

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 30.1 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

