

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002679.D
 Acq On : 18 Jun 2018 13:36
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 15:00:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	44732	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	244694	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	231643	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	100578	28.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.23%
60) 4-Bromofluorobenzene	11.14	95	114504	28.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.27%
63) Toluene-d8	8.72	98	304714	29.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	101144	42.591	ug/l 100
3) Chloromethane	1.32	50	111356	39.420	ug/l 99
4) Vinyl Chloride	1.41	62	124234	44.209	ug/l 96
5) Bromomethane	1.64	94	70204	44.591	ug/l 100
6) Chloroethane	1.72	64	84832	51.028	ug/l 96
7) Trichlorofluoromethane	1.93	101	223542	52.155	ug/l 99
8) Diethyl Ether	2.19	74	79532	49.304	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127594	55.279	ug/l 98
10) 1,1-Dichloroethene	2.37	96	112079	50.362	ug/l 97
11) Methyl Iodide	2.51	142	133497	38.182	ug/l 99
12) Methyl Acetate	2.78	43	190831	52.899	ug/l 100
13) Acrolein	2.30	56	57350	186.730	ug/l 100
14) Acrylonitrile	3.15	53	349263	235.335	ug/l 99
15) Acetone	2.45	58	96264	243.311	ug/l 94
16) Carbon Disulfide	2.57	76	277659	43.691	ug/l 99
17) Allyl chloride	2.73	41	225796	49.156	ug/l 94
18) Methylene Chloride	2.86	84	126005	50.375	ug/l 99
19) trans-1,2-Dichloroethene	3.17	96	121768	51.749	ug/l 98
20) Diisopropyl ether	3.88	45	410208	46.772	ug/l 99
21) 1,1-Dichloroethane	3.70	63	214722	45.994	ug/l 100
22) cis-1,2-Dichloroethene	4.60	96	129763	46.254	ug/l # 76
23) tert-Butyl Alcohol	3.08	59	152702	198.372	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	422232	48.606	ug/l 100
25) Chloroform	5.22	83	225961	46.034	ug/l 99
26) Cyclohexane	5.58	56	189869	44.191	ug/l # 93
29) 1,1-Dichloropropene	5.80	75	163177	47.663	ug/l 98
30) 2-Butanone	4.71	43	475303	199.042	ug/l 98
31) 2,2-Dichloropropane	4.59	77	176970	58.819	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	199468	44.611	ug/l 99
33) Carbon Tetrachloride	5.79	117	178479	43.926	ug/l 93
34) Benzene	6.15	78	483761	46.796	ug/l 99
35) Methacrylonitrile	5.07	41	102974	38.942	ug/l 94
36) 1,2-Dichloroethane	6.20	62	189957	47.163	ug/l 99
37) Trichloroethene	7.22	130	141520	48.259	ug/l 94
38) Methylcyclohexane	7.46	83	199816	50.025	ug/l 97
39) 1,2-Dichloropropane	7.52	63	126464	45.244	ug/l 96
40) Dibromomethane	7.67	93	88689	47.294	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	167246	42.988	ug/l	99
42) Vinyl Acetate	3.83	43	1751259	231.808	ug/l	100
43) Ethyl Acetate	4.87	43	184525	39.368	ug/l	98
44) Isopropyl Acetate	6.47	43	305415	39.185	ug/l	100
45) 1,4-Dioxane	7.76	88	58162	784.405	ug/l #	87
46) Methyl methacrylate	7.78	41	157086	39.799	ug/l	98
47) n-amyl Acetate	10.90	43	289789	40.414	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	196592	44.967	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	185778	43.895	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	129350	48.046	ug/l	98
51) Ethyl methacrylate	9.18	69	199576	42.793	ug/l	96
52) 1,3-Dichloropropane	9.38	76	214190	47.165	ug/l	100
53) Dibromochloromethane	9.59	129	140577	42.741	ug/l	100
54) 1,2-Dibromoethane	9.68	107	138050	47.363	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	481322	219.881	ug/l	99
56) Bromoform	10.86	173	110574	38.232	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	1002460	198.863	ug/l	98
59) 2-Hexanone	9.50	43	766165	195.867	ug/l	99
61) Tetrachloroethene	9.34	164	157372	44.542	ug/l	98
62) Toluene	8.79	91	553822	46.816	ug/l	98
64) Chlorobenzene	10.14	112	366014	47.804	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	137245	44.048	ug/l	99
66) Ethyl Benzene	10.26	91	631363	47.486	ug/l	100
67) m/p-Xylenes	10.36	106	491227	97.324	ug/l	98
68) o-Xylene	10.70	106	238636	47.205	ug/l	97
69) Styrene	10.71	104	401608	47.324	ug/l	99
70) Isopropylbenzene	11.02	105	658986	48.696	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	193868	45.706	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	233180	58.367	ug/l	90
73) Bromobenzene	11.26	156	182837	50.301	ug/l	92
74) n-propylbenzene	11.37	91	759886	50.303	ug/l	99
75) 2-Chlorotoluene	11.43	91	441351	47.374	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	561035	48.760	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	55931	38.643	ug/l	91
78) 4-Chlorotoluene	11.51	91	523374	49.397	ug/l	98
79) tert-butylbenzene	12.07	119	620534	51.433	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	575377	49.464	ug/l	98
81) sec-Butylbenzene	11.95	105	682703	50.620	ug/l	99
82) p-Isopropyltoluene	12.07	119	620534	51.433	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	333850	51.833	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	339619	52.975	ug/l	99
85) n-Butylbenzene	12.39	91	549970	54.355	ug/l	99
86) Hexachloroethane	12.60	117	94654	39.425	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	336917	50.787	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	45397	36.748	ug/l	95
89) 1,2,4-Trichlorobenzene	13.65	180	256434	54.426	ug/l	99
90) Hexachlorobutadiene	13.79	225	134899	53.827	ug/l	99
91) Naphthalene	13.84	128	700907	47.147	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	258755	52.586	ug/l	99

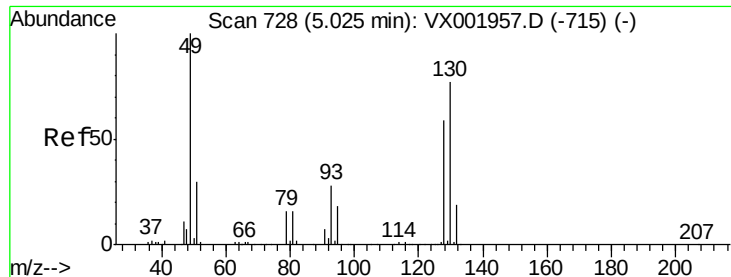
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

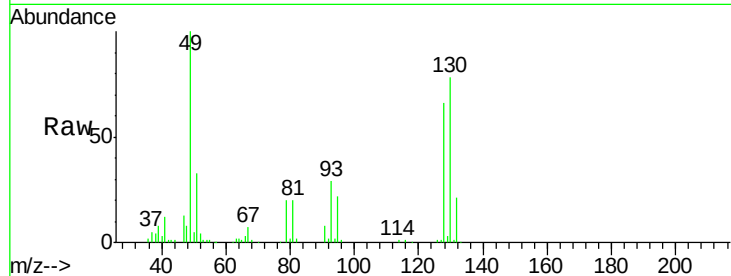


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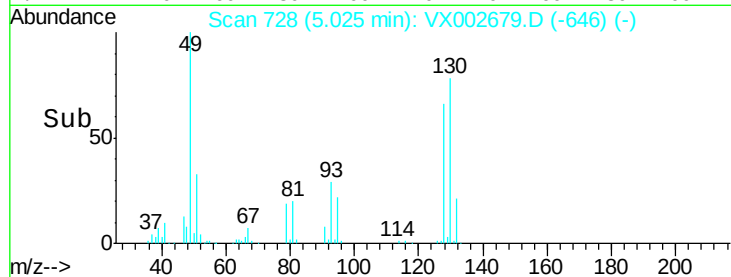
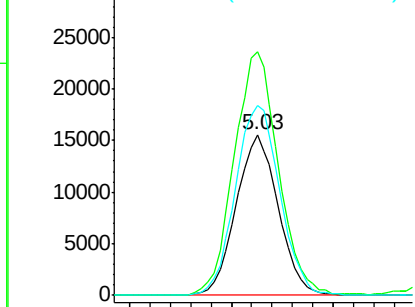
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 44732
Ion Ratio Lower Upper
128 100
49 158.4 0.0 423.0
130 125.0 0.0 324.3



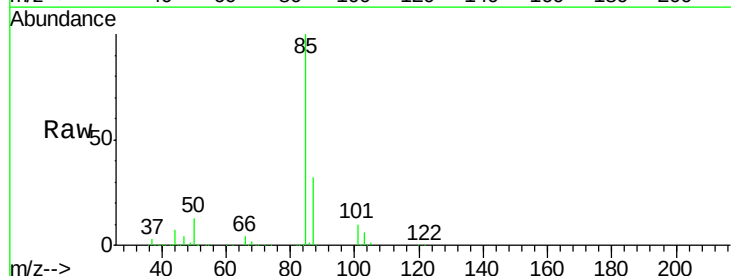
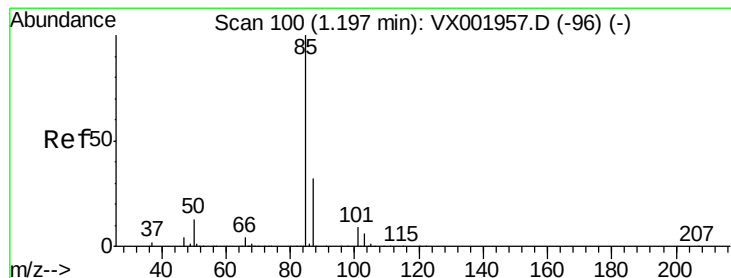
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



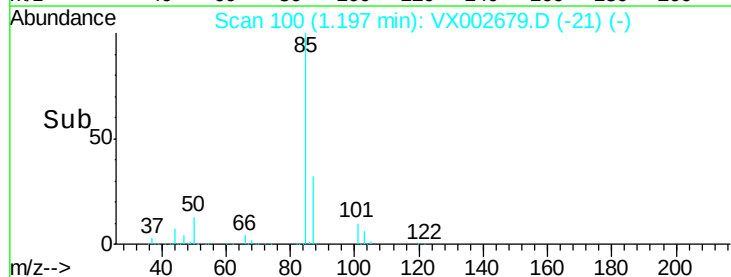
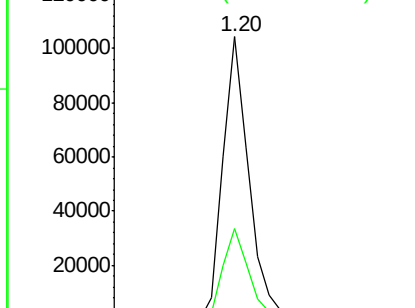
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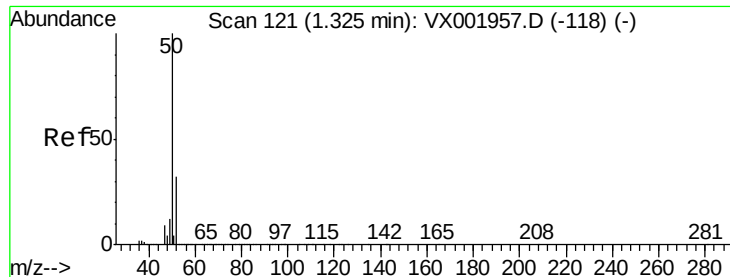
Dichlorodifluoromethane
Concen: 42.591 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 85 Resp: 101144
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

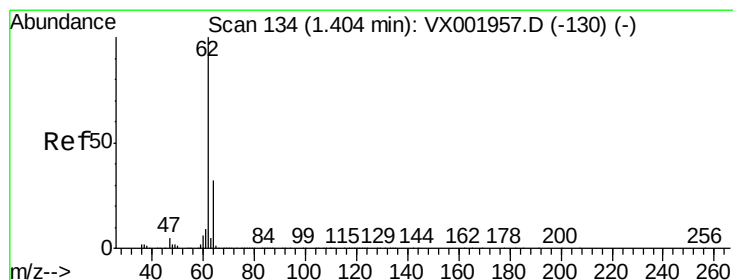
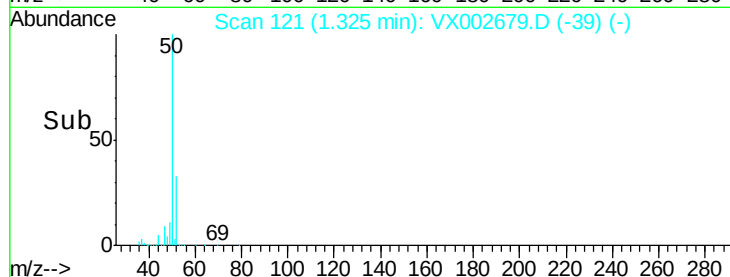
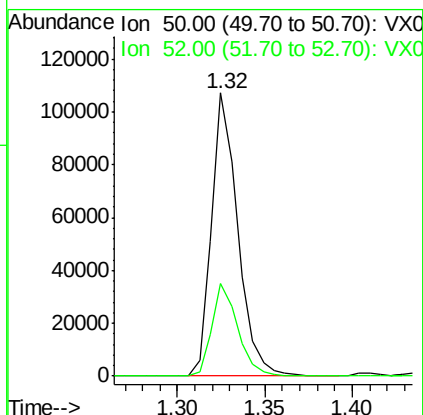
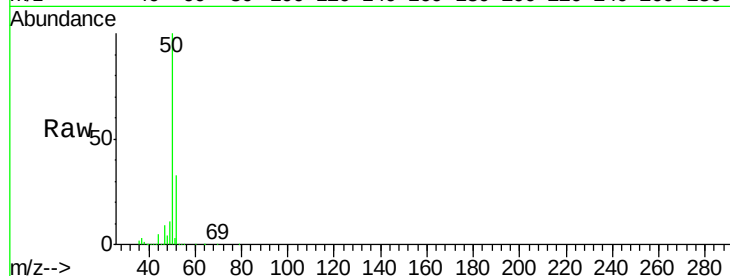




#3
Chloromethane
Concen: 39.420 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

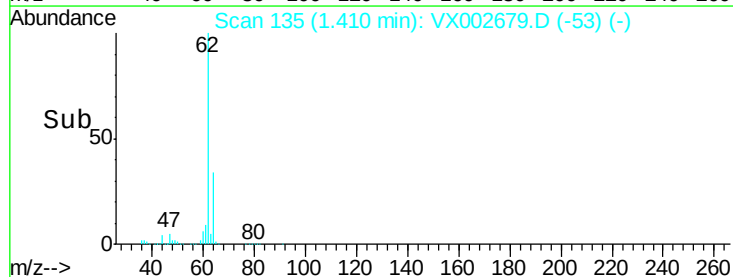
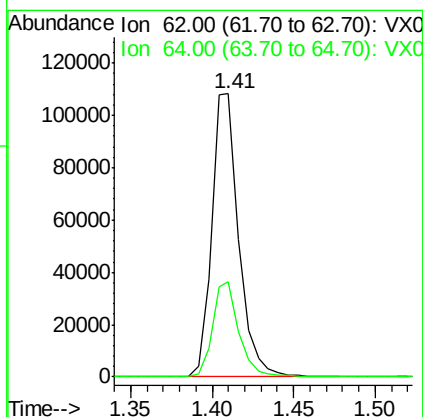
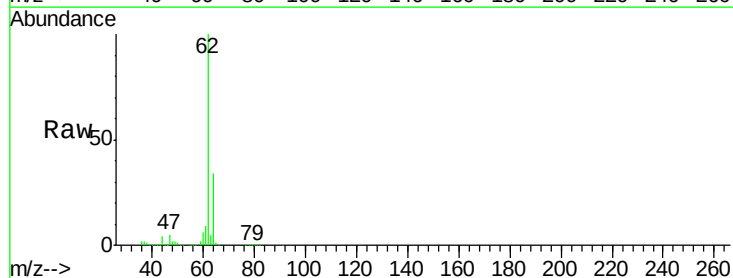
Instrument :
MSVOA_X
ClientSampled :

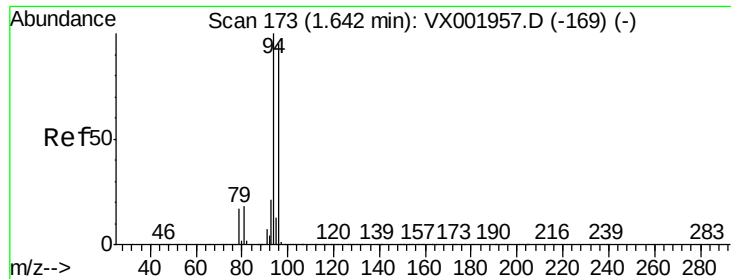
Tot Ion: 50 Resp: 111356
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 44.209 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 62 Resp: 124234
Ion Ratio Lower Upper
62 100
64 33.7 25.3 37.9





#5

Bromomethane

Concen: 44.591 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

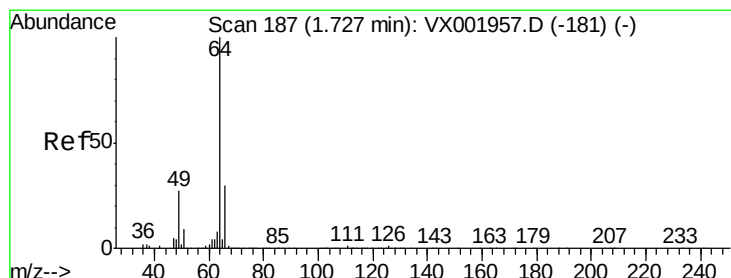
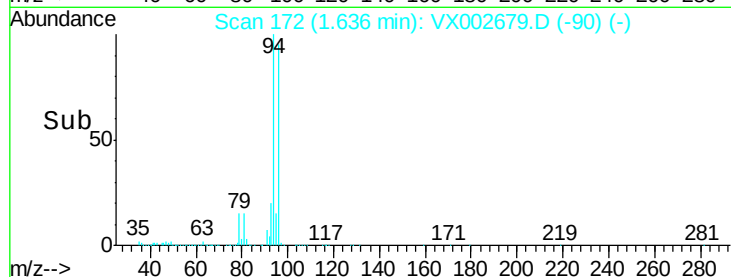
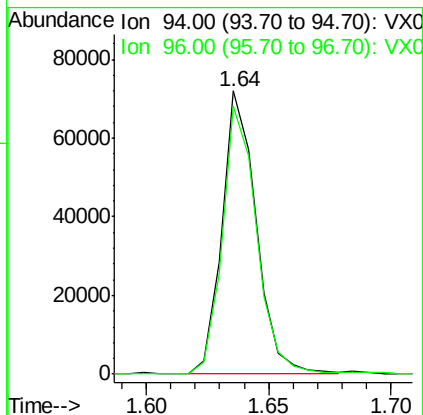
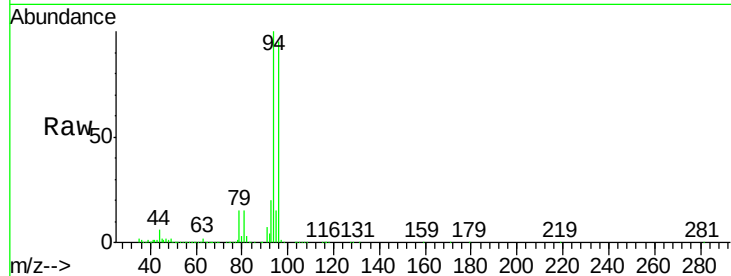
ClientSampleId :

Tot Ion: 94 Resp: 70204

Ion Ratio Lower Upper

94 100

96 94.7 75.7 113.5



#6

Chloroethane

Concen: 51.028 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002679.D

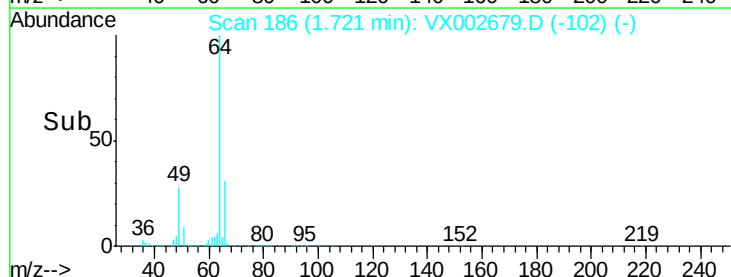
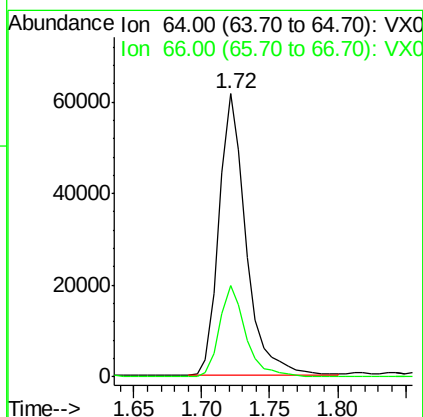
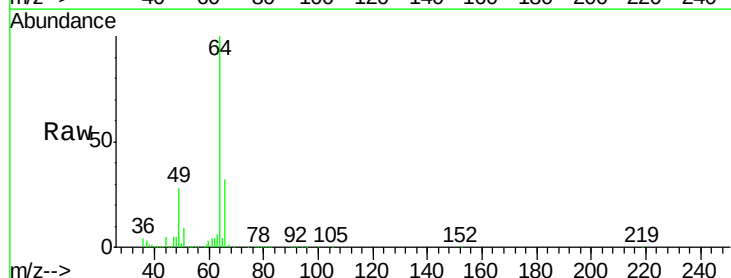
Acq: 18 Jun 2018 13:36

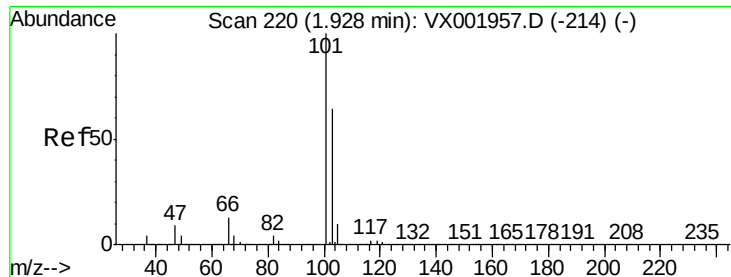
Tgt Ion: 64 Resp: 84832

Ion Ratio Lower Upper

64 100

66 32.4 24.3 36.5



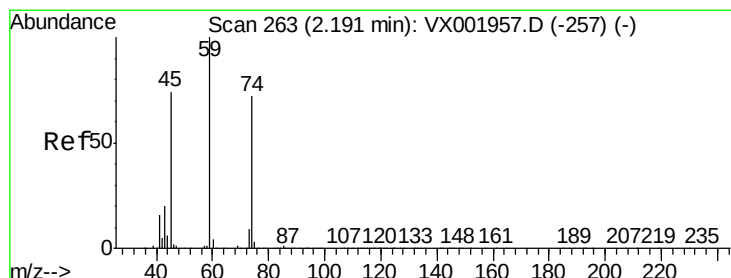
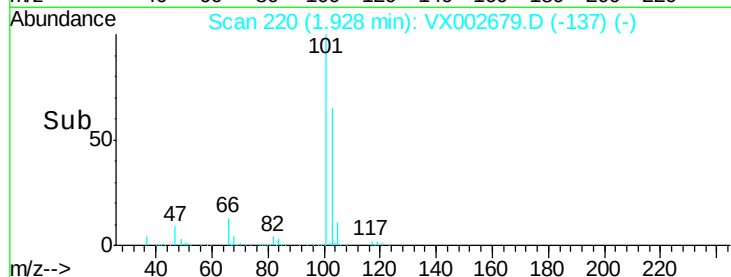
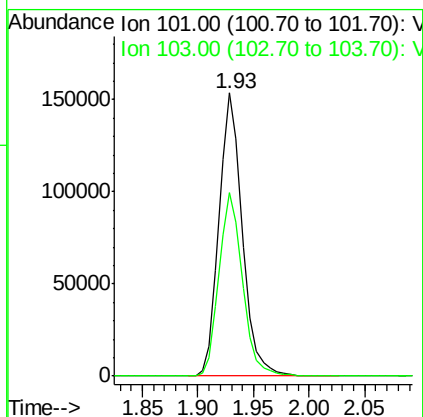
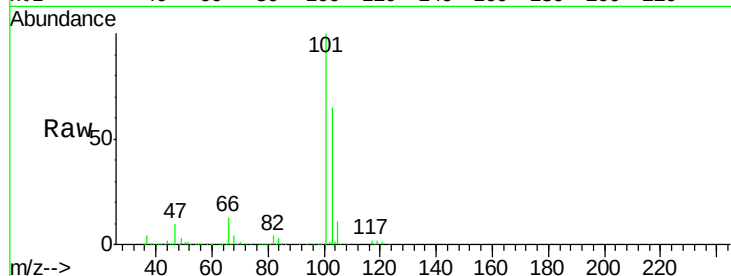


#7

Trichlorofluoromethane
Concen: 52.155 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :

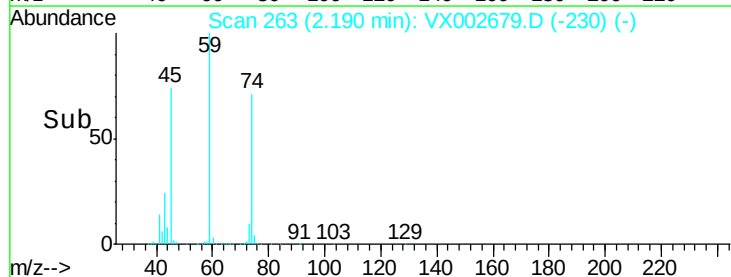
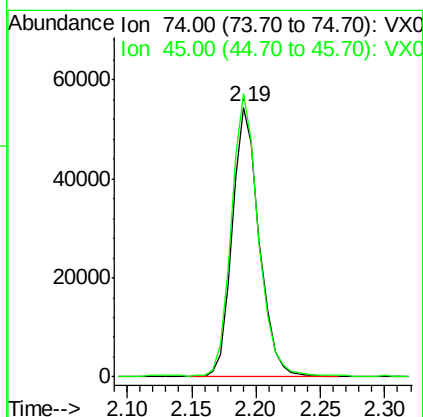
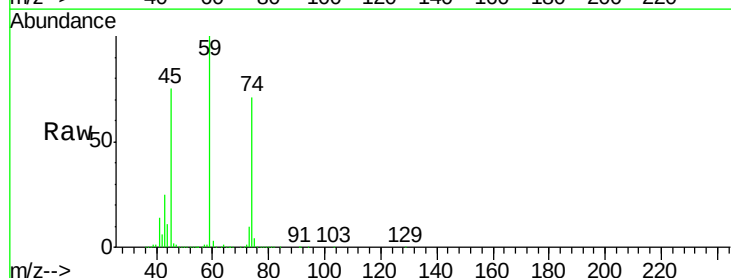
Tot Ion:101 Resp: 223542
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

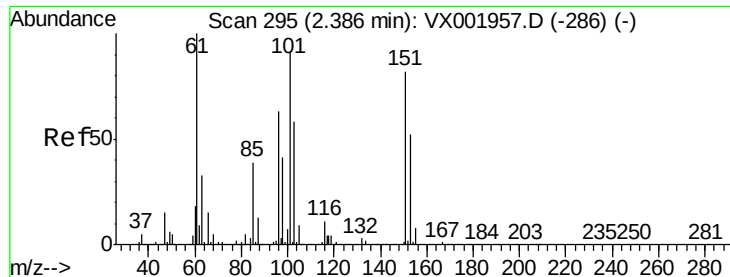


#8

Diethyl Ether
Concen: 49.304 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 74 Resp: 79532
Ion Ratio Lower Upper
74 100
45 105.0 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.279 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

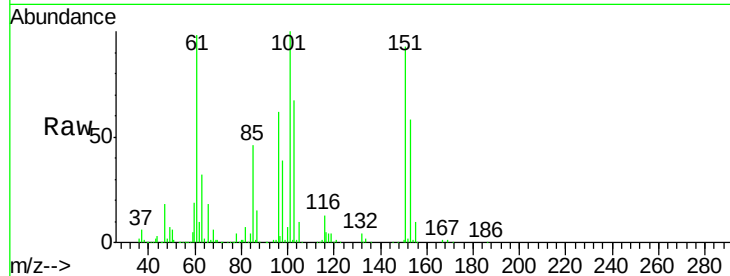
Tot Ion:101 Resp: 127594

Ion Ratio Lower Upper

101 100

85 45.5 0.0 87.0

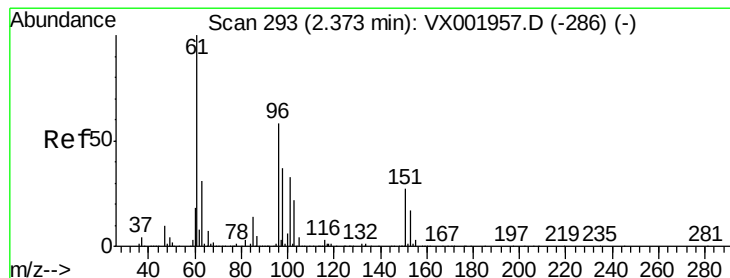
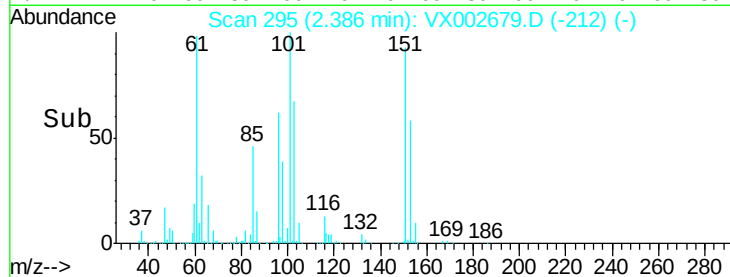
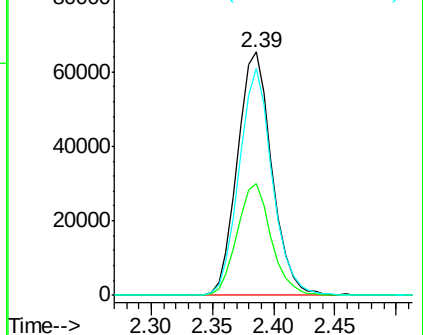
151 90.1 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 50.362 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

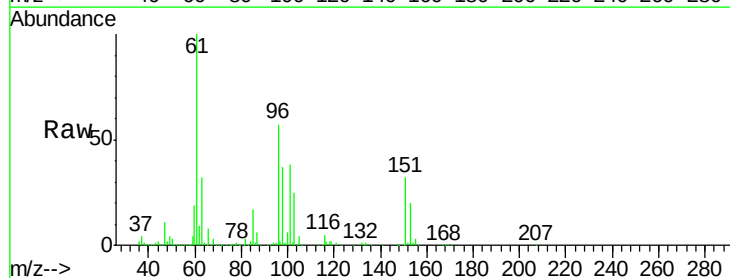
Tgt Ion: 96 Resp: 112079

Ion Ratio Lower Upper

96 100

61 176.3 137.5 206.3

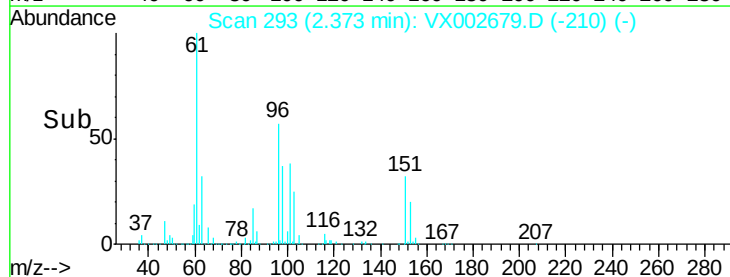
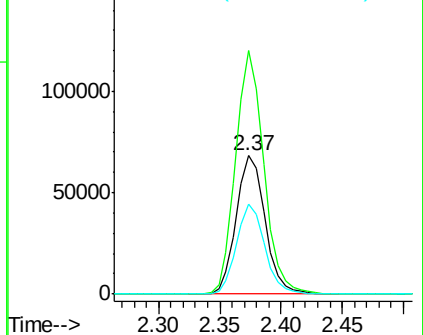
98 65.6 51.4 77.2

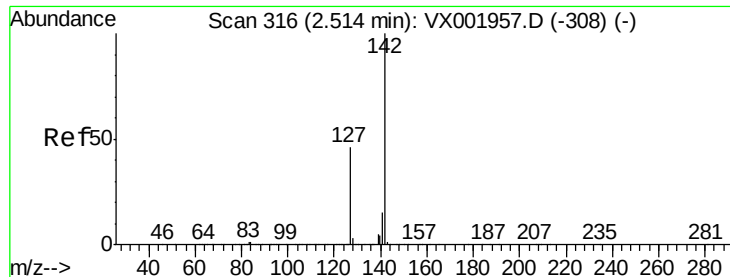


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

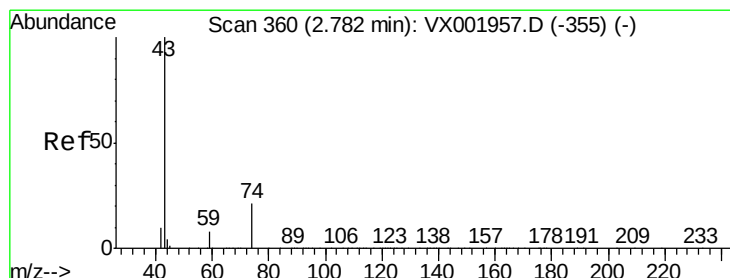
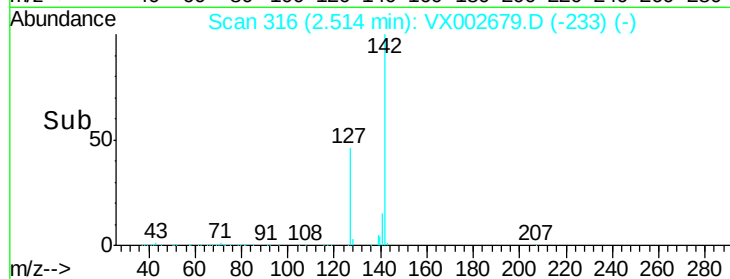
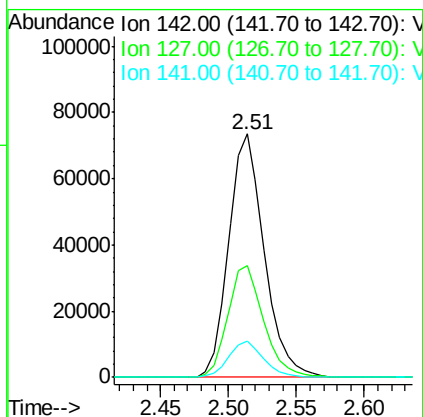
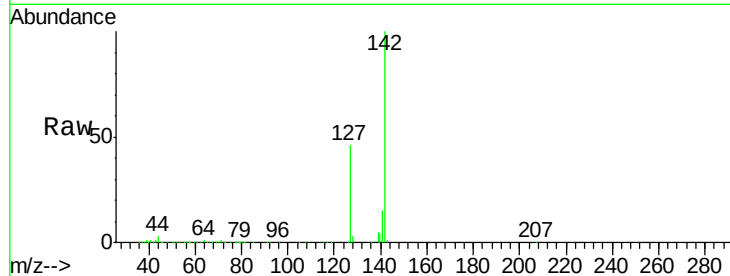




#11
Methvl Iodide
Concen: 38.182 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

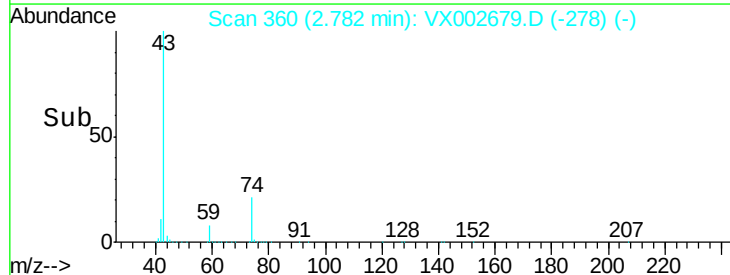
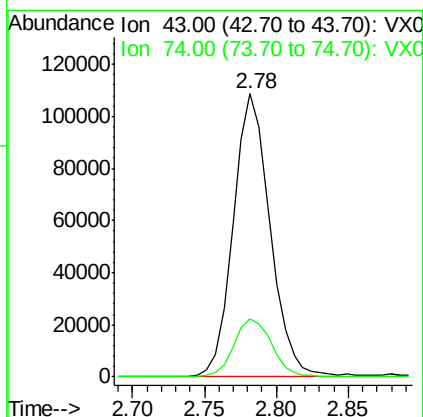
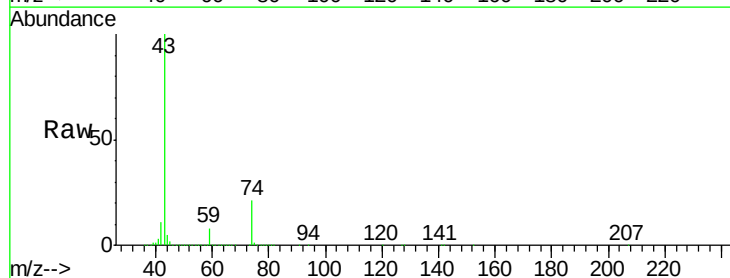
Instrument :
MSVOA_X
ClientSampleId :

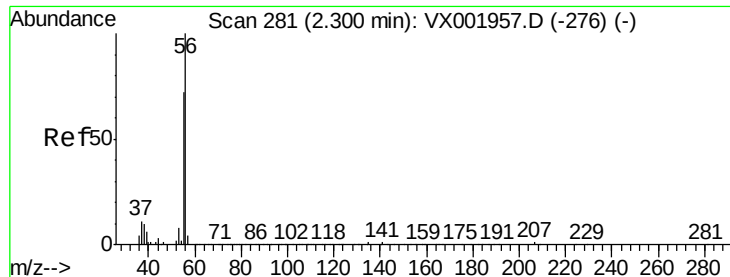
Tot Ion:142 Resp: 133497
Ion Ratio Lower Upper
142 100
127 45.6 23.2 69.6
141 14.9 7.4 22.2



#12
Methyl Acetate
Concen: 52.899 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 43 Resp: 190831
Ion Ratio Lower Upper
43 100
74 20.5 16.4 24.6





#13

Acrolein

Concen: 186.730 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

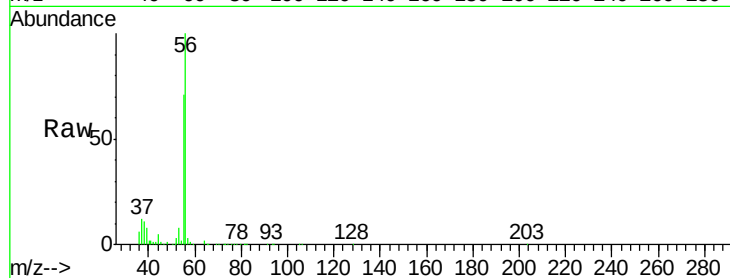
ClientSampleId :

Tot Ion: 56 Resp: 57350

Ion Ratio Lower Upper

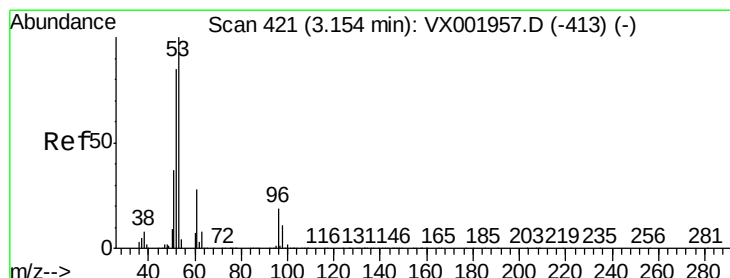
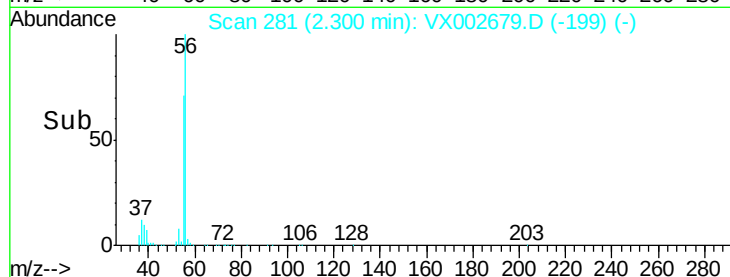
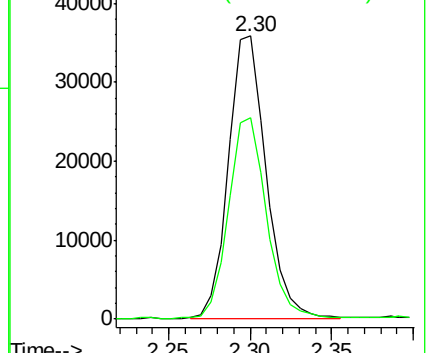
56 100

55 71.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 235.335 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

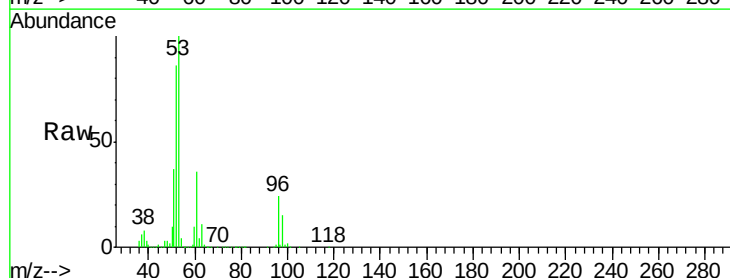
Tgt Ion: 53 Resp: 349263

Ion Ratio Lower Upper

53 100

52 83.5 41.5 124.6

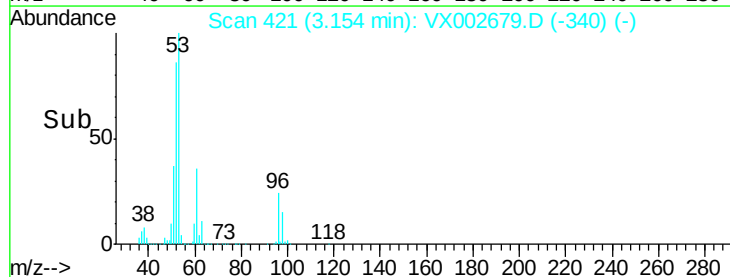
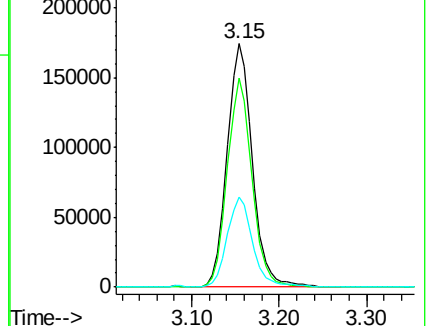
51 37.5 17.9 53.8

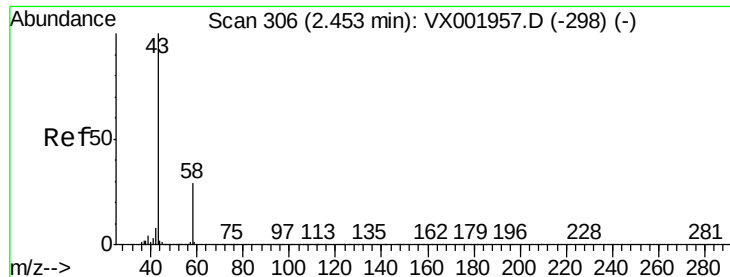


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 243.311 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

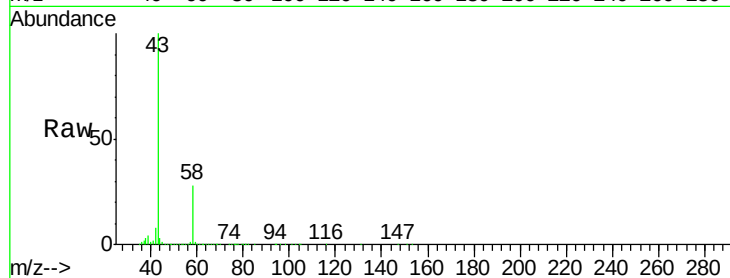
ClientSampleId :

Tot Ion: 58 Resp: 96264

Ion Ratio Lower Upper

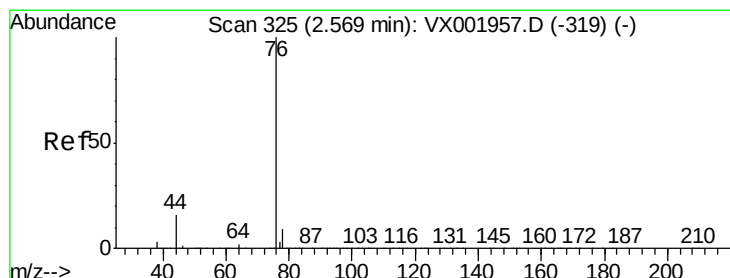
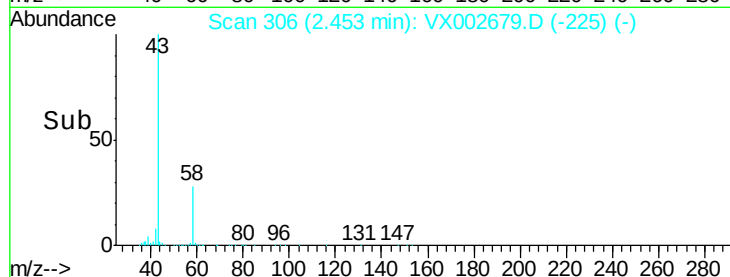
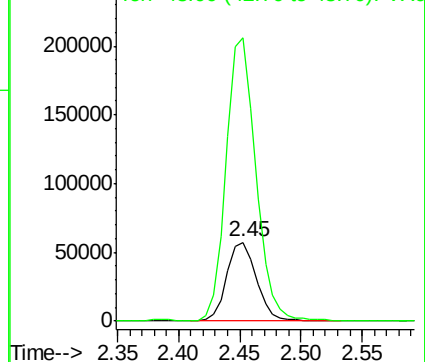
58 100

43 360.6 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 43.691 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX002679.D

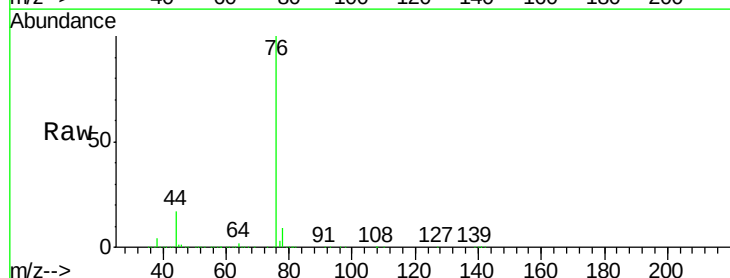
Acq: 18 Jun 2018 13:36

Tgt Ion: 76 Resp: 277659

Ion Ratio Lower Upper

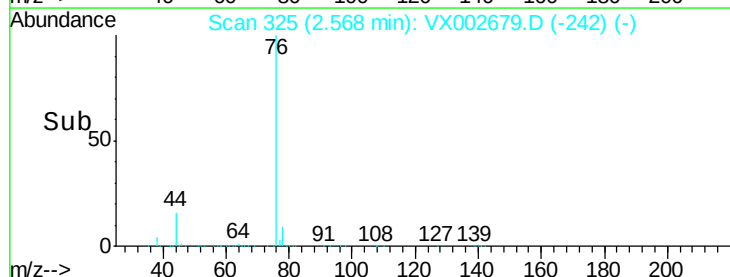
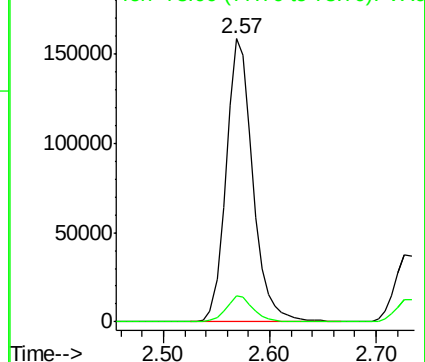
76 100

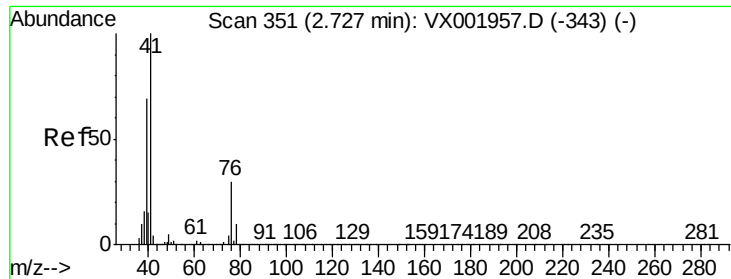
78 8.9 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

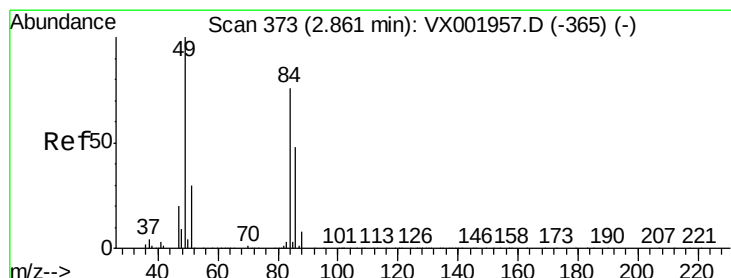
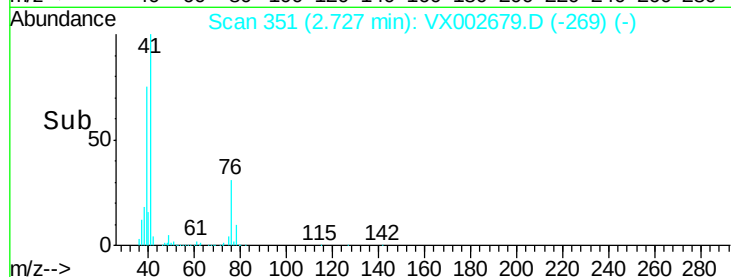
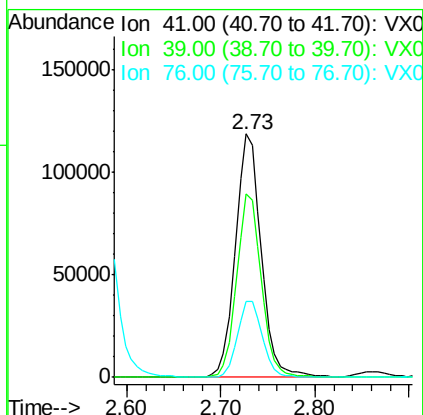
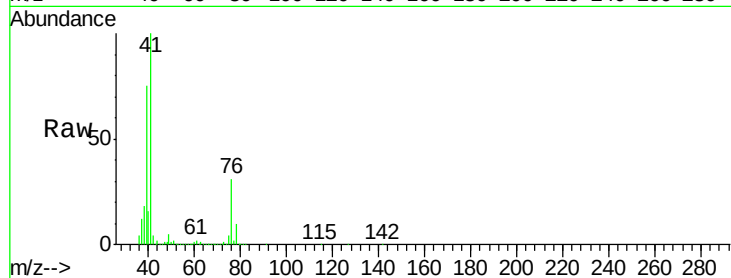




#17
Allvl chloride
Concen: 49.156 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

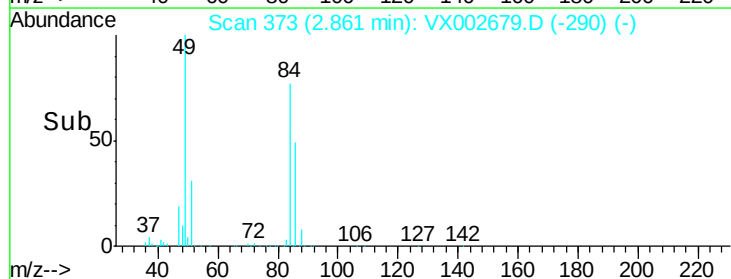
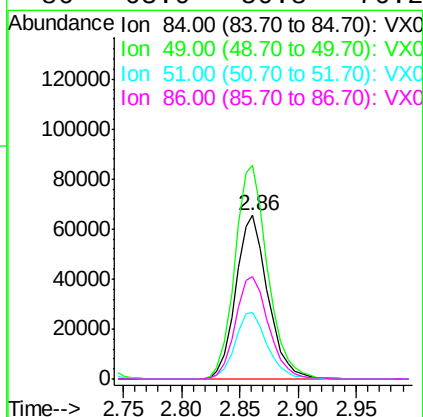
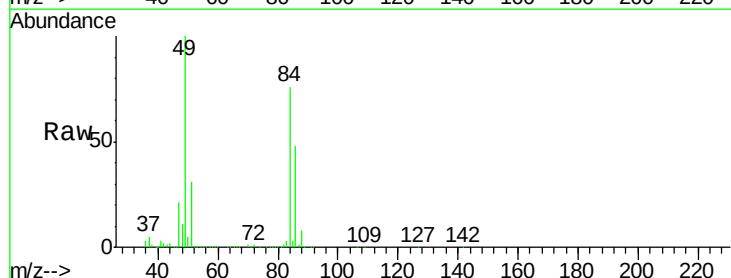
Instrument :
MSVOA_X
ClientSampleId :

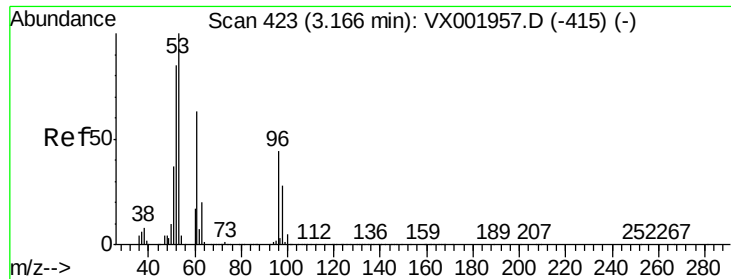
Tot Ion: 41 Resp: 225796
Ion Ratio Lower Upper
41 100
39 75.1 34.6 103.8
76 31.3 15.0 45.1



#18
Methylene Chloride
Concen: 50.375 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 84 Resp: 126005
Ion Ratio Lower Upper
84 100
49 130.7 104.7 157.1
51 40.7 31.0 46.4
86 63.0 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 51.749 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

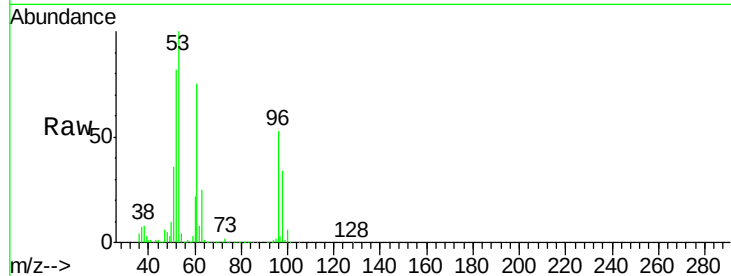
Tot Ion: 96 Resp: 121768

Ion Ratio Lower Upper

96 100

61 141.2 114.6 172.0

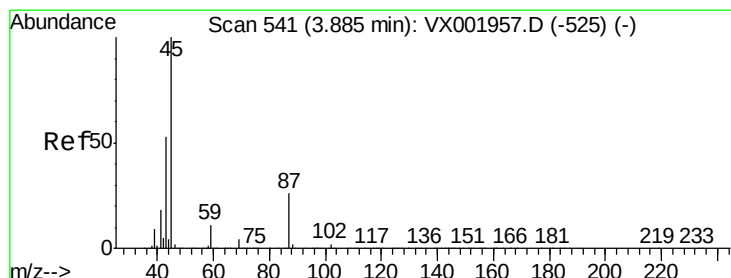
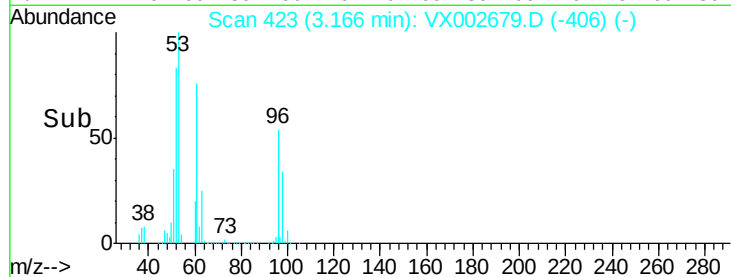
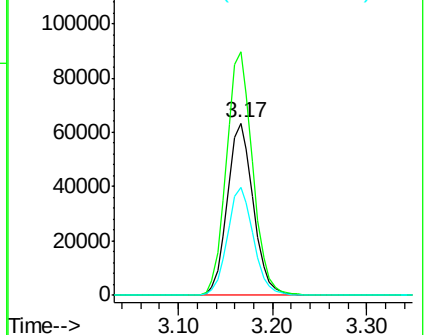
98 62.9 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 46.772 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Tgt Ion: 45 Resp: 410208

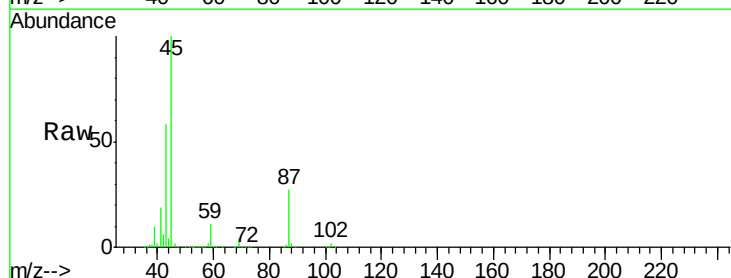
Ion Ratio Lower Upper

45 100

43 58.0 45.6 68.4

87 26.7 20.7 31.1

59 11.1 8.9 13.3

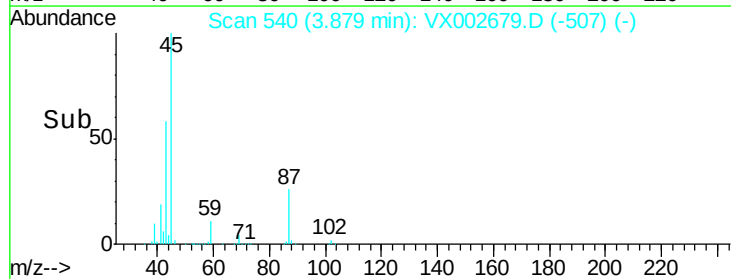
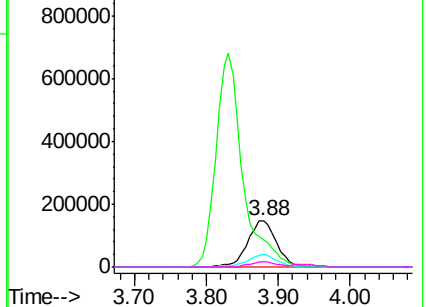


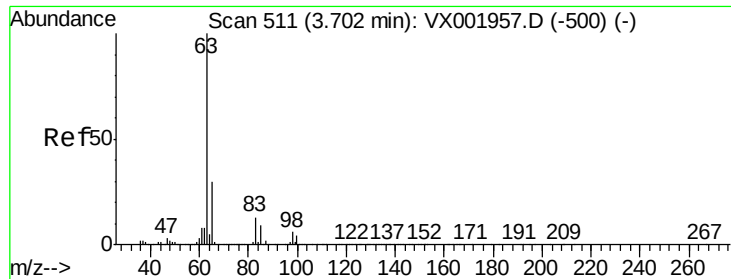
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

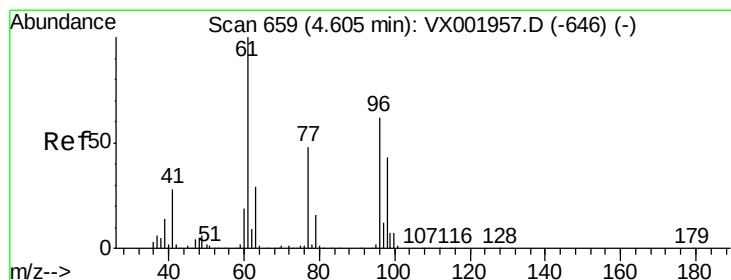
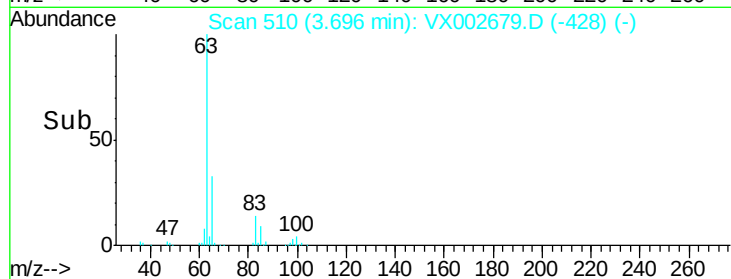
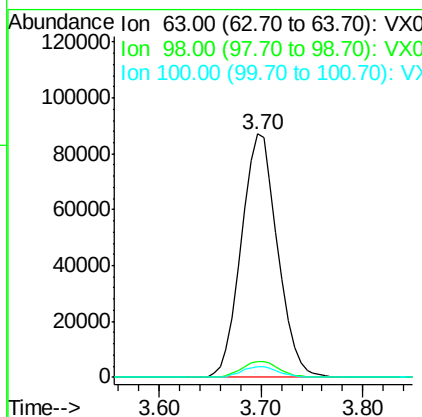
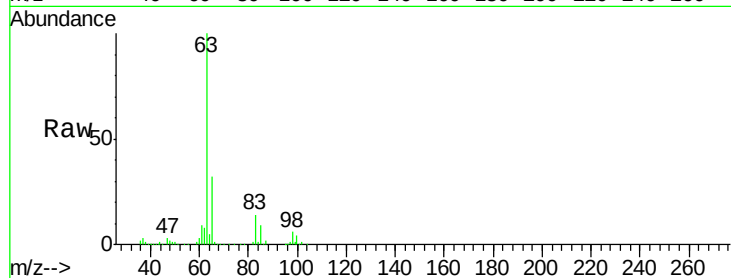




#21
 1,1-Dichloroethane
 Concen: 45.994 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

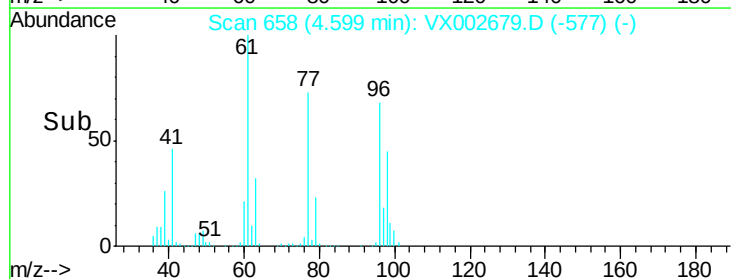
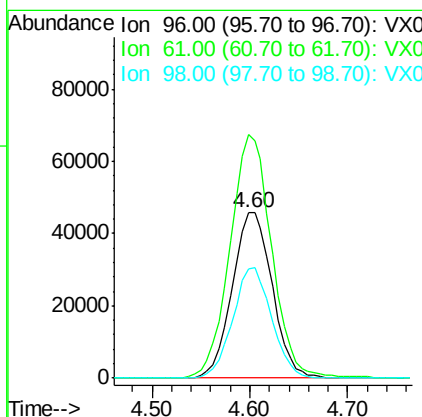
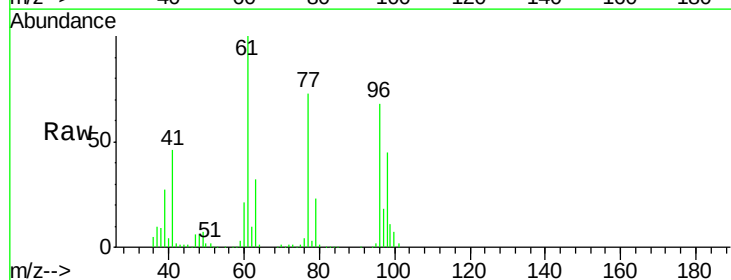
Instrument :
 MSVOA_X
 ClientSampleId :

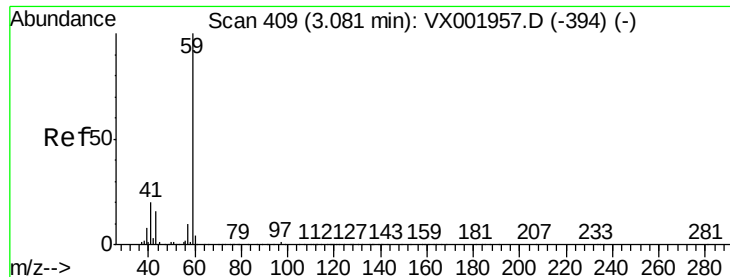
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.3	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 46.254 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	160.2	240.2#
98	65.0	54.1	81.1



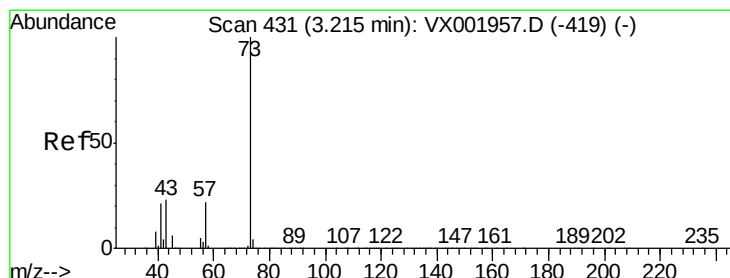
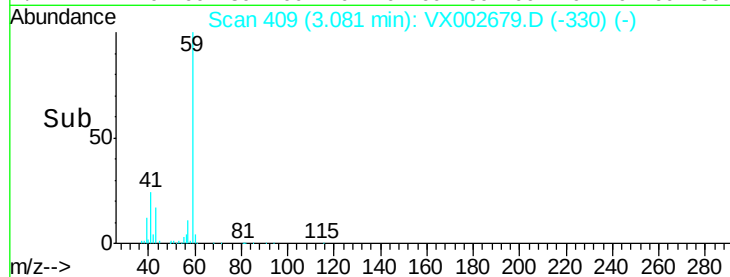
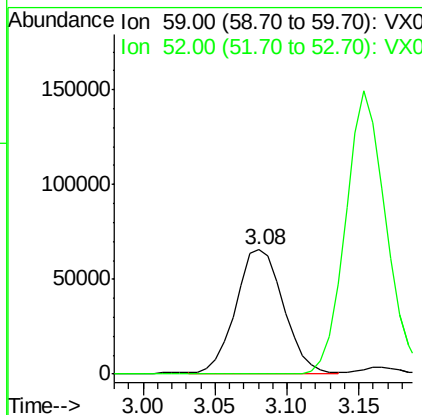
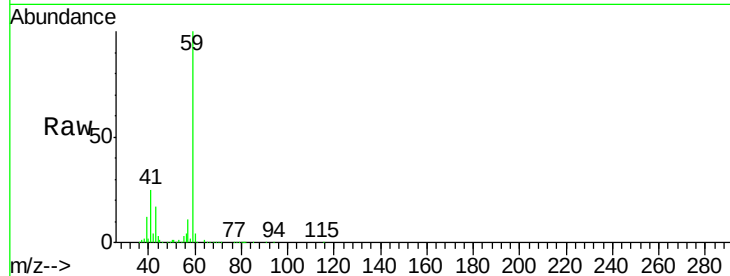


#23

tert-Butyl Alcohol
 Concen: 198.372 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Instrument :
 MSVOA_X
 ClientSampled :

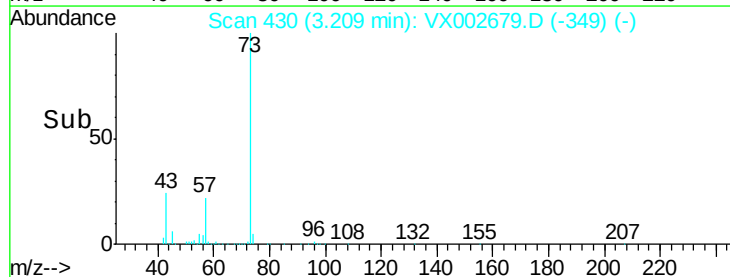
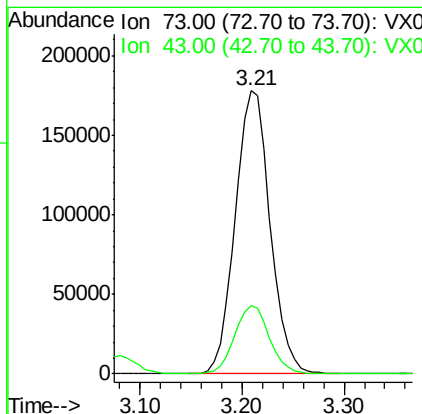
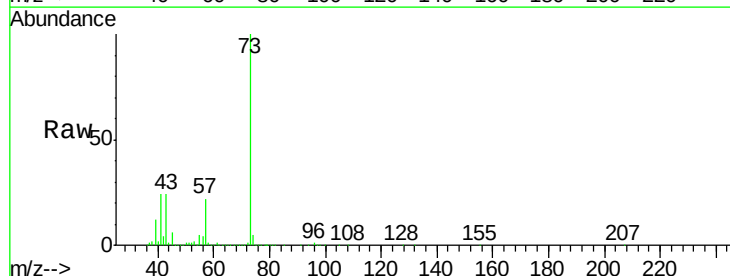
Tot Ion: 59 Resp: 152702
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

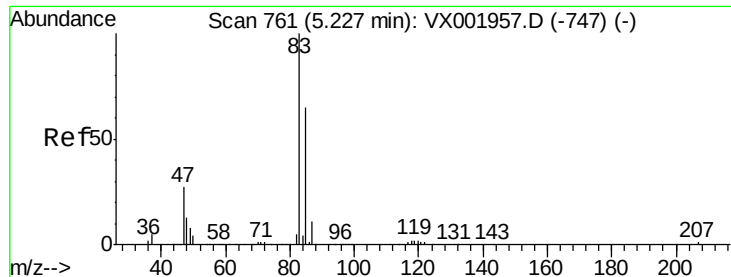


#24

Methyl tert-Butyl Ether
 Concen: 48.606 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion: 73 Resp: 422232
 Ion Ratio Lower Upper
 73 100
 43 23.9 19.0 28.4





#25

Chloroform

Concen: 46.034 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

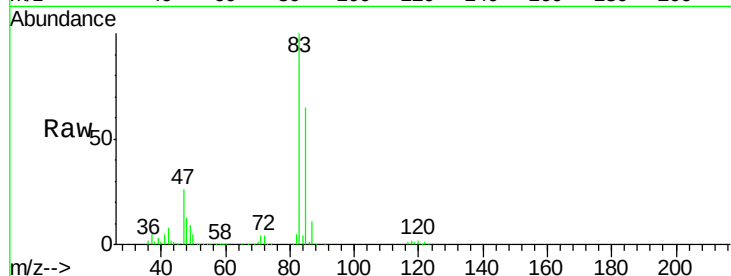
ClientSampleId :

Tot Ion: 83 Resp: 225961

Ion Ratio Lower Upper

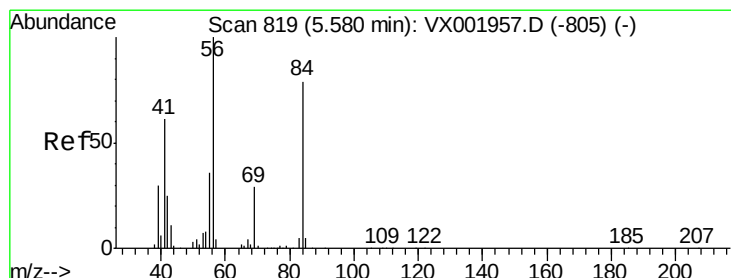
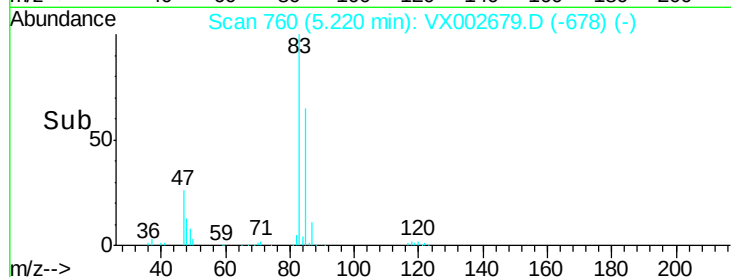
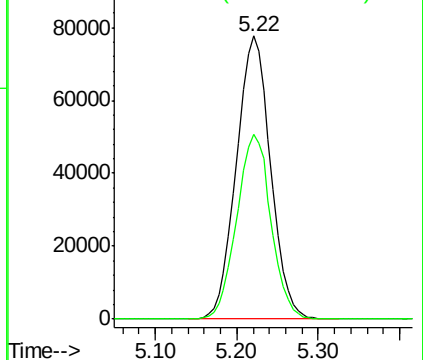
83 100

85 65.3 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 44.191 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

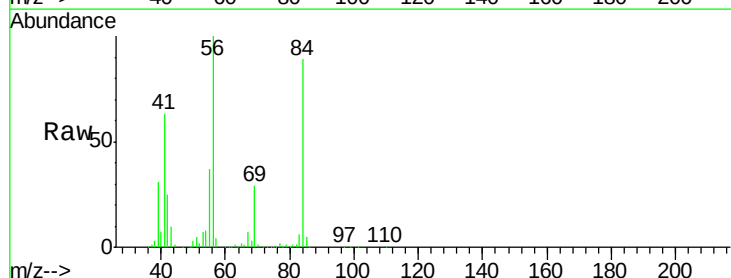
Tgt Ion: 56 Resp: 189869

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

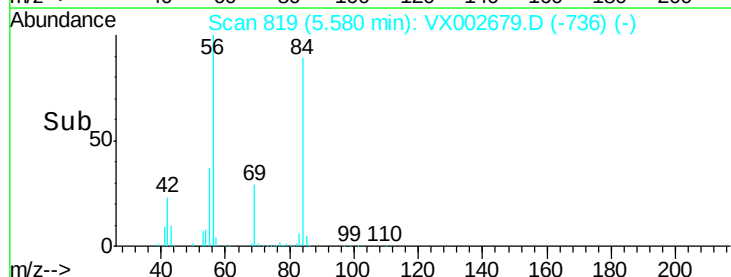
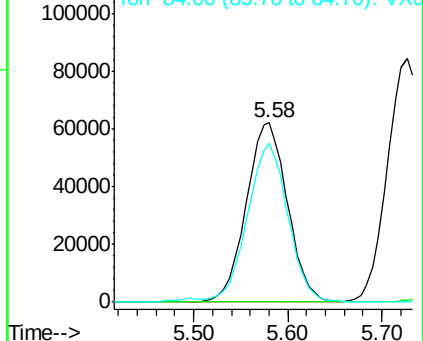
84 87.0 64.9 97.3

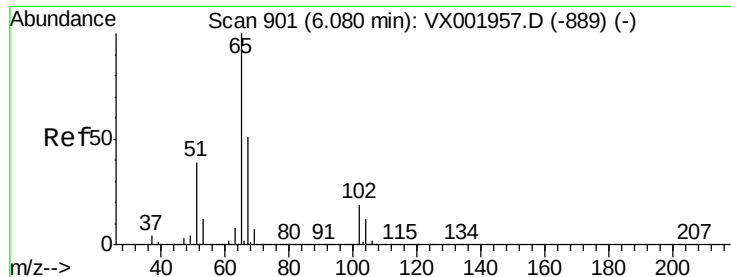


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 28.573 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

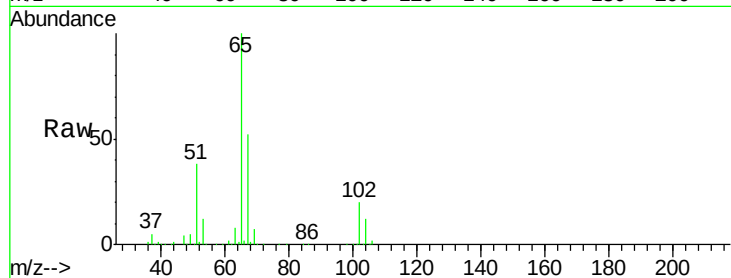
ClientSampleId :

Tot Ion: 65 Resp: 100578

Ion Ratio Lower Upper

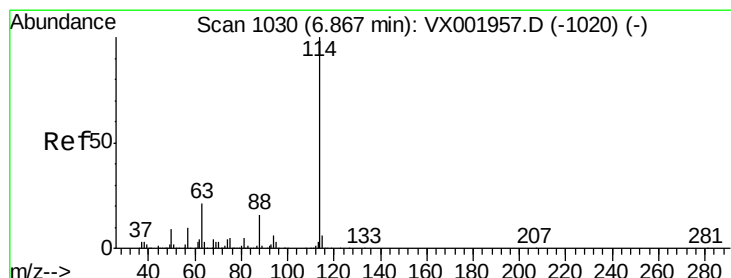
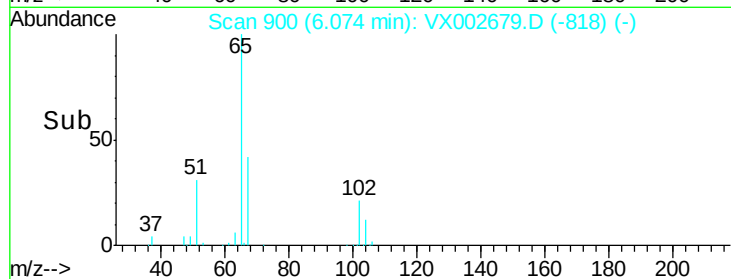
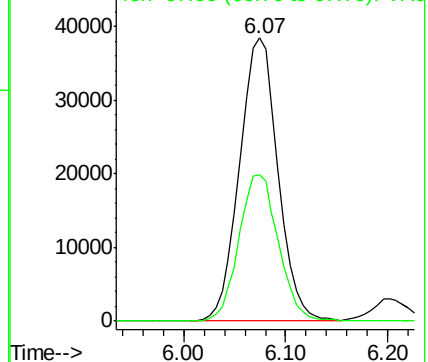
65 100

67 53.0 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

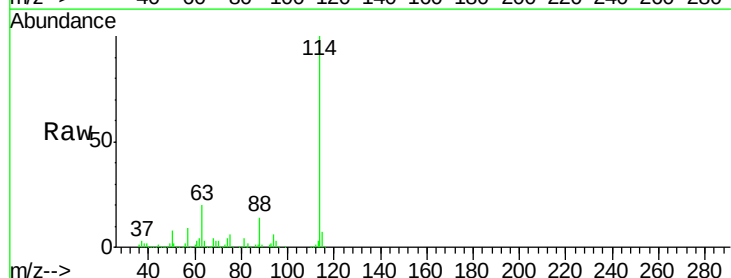
Tgt Ion: 114 Resp: 244694

Ion Ratio Lower Upper

114 100

63 20.3 17.1 25.7

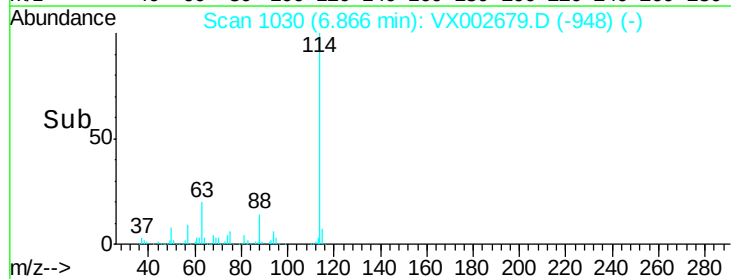
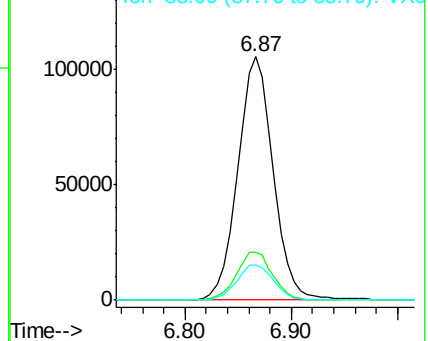
88 15.1 12.6 19.0

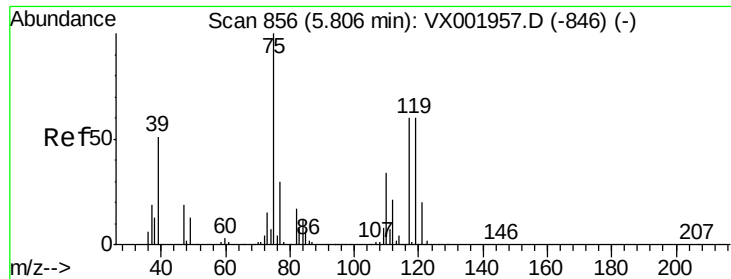


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

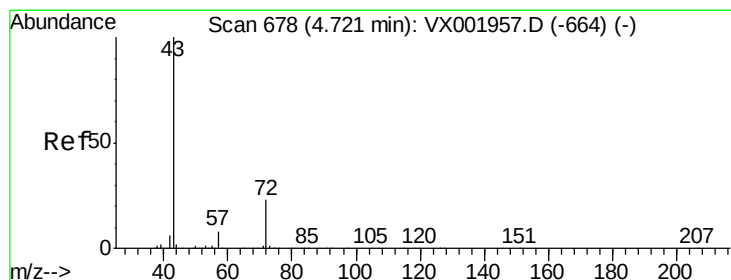
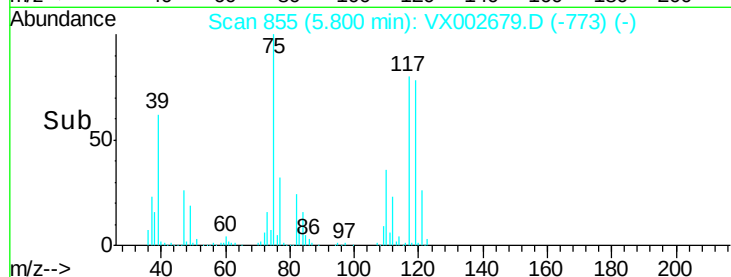
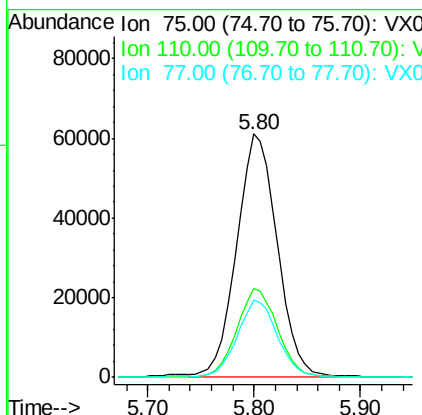
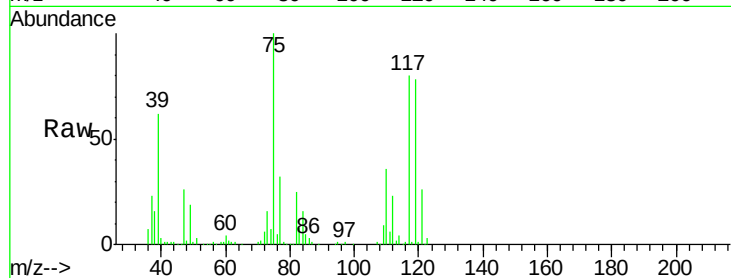




#29
 1,1-Dichloropropene
 Concen: 47.663 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

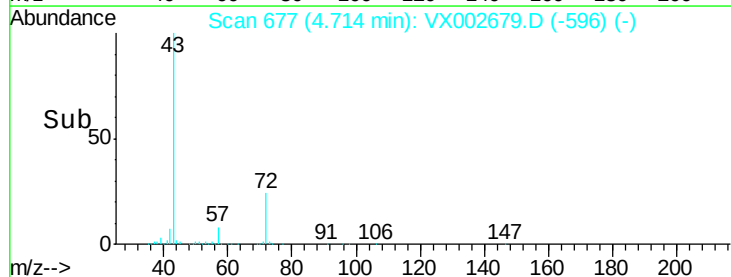
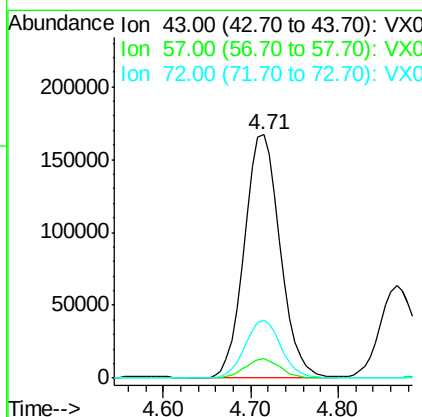
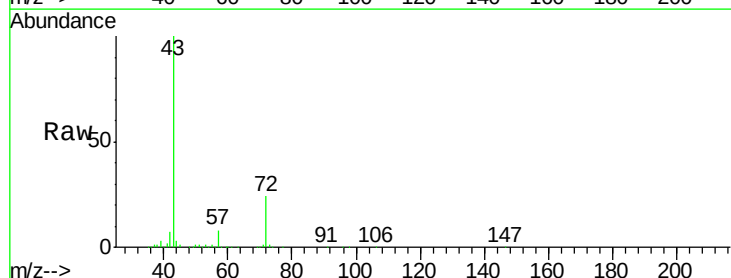
Instrument :
 MSVOA_X
 ClientSampleId :

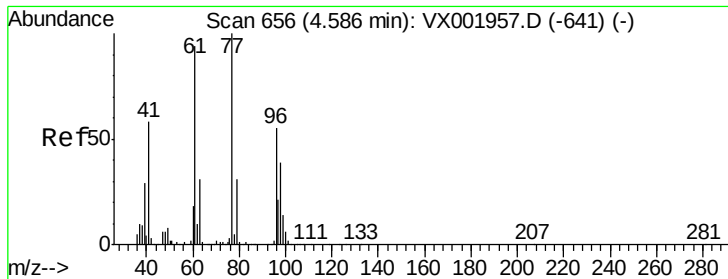
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.9	0.0	71.4
77	31.6	0.0	60.6



#30
 2-Butanone
 Concen: 199.042 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.1	9.1
72	23.9	18.1	27.1

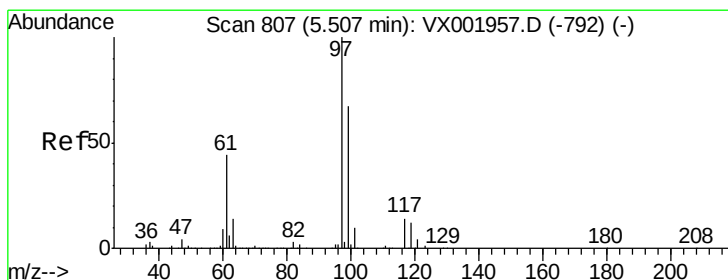
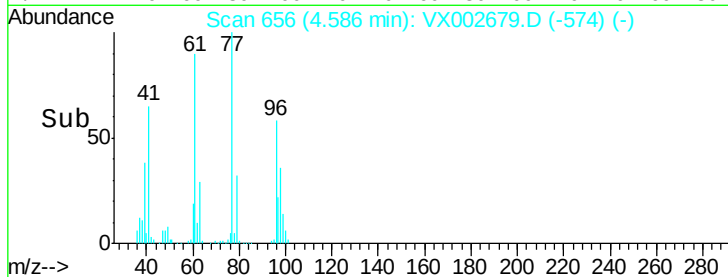
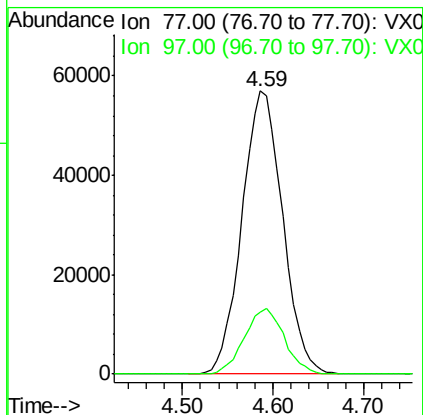
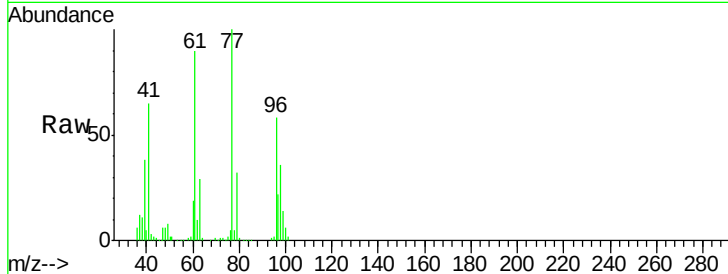




#31
 2,2-Dichloropropane
 Concen: 58.819 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

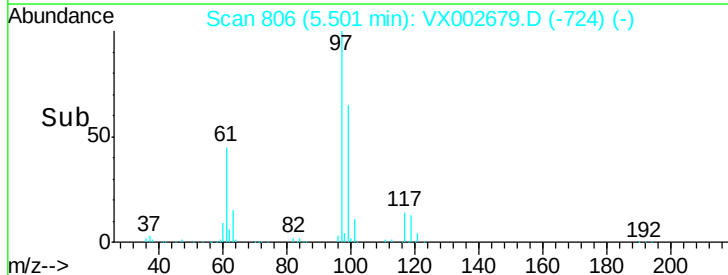
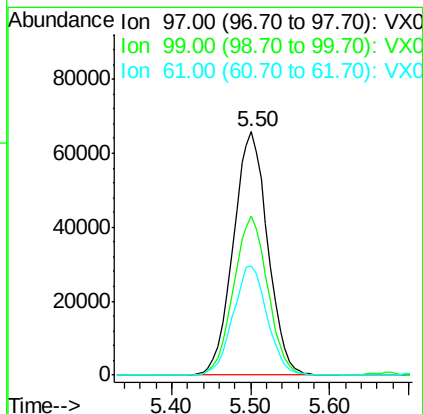
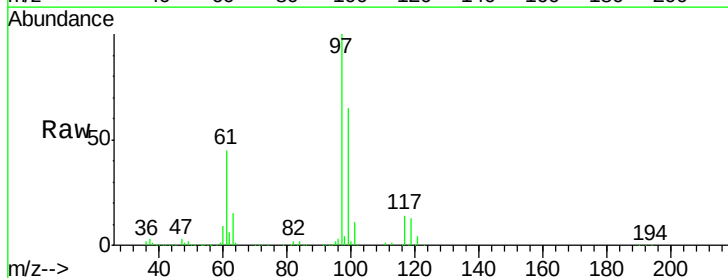
Instrument :
 MSVOA_X
 ClientSampleId :

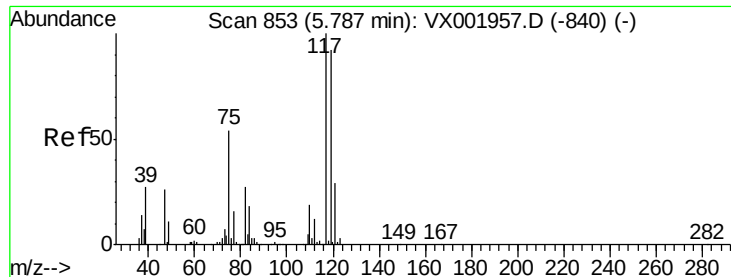
Tot Ion: 77 Resp: 176970
 Ion Ratio Lower Upper
 77 100
 97 22.9 18.7 28.1



#32
 1,1,1-Trichloroethane
 Concen: 44.611 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion: 97 Resp: 199468
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.7 77.5
 61 44.7 36.4 54.6

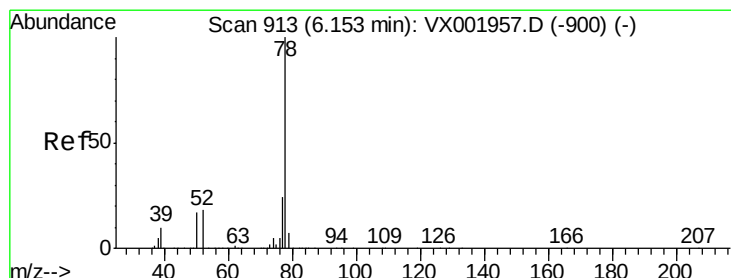
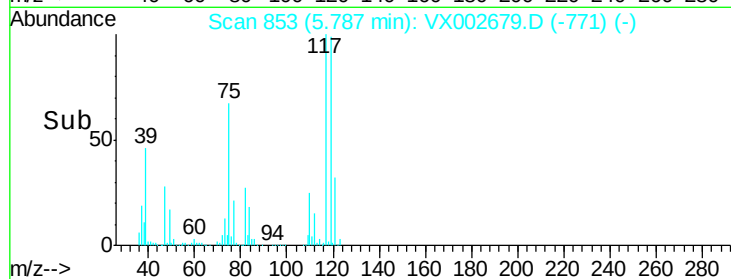
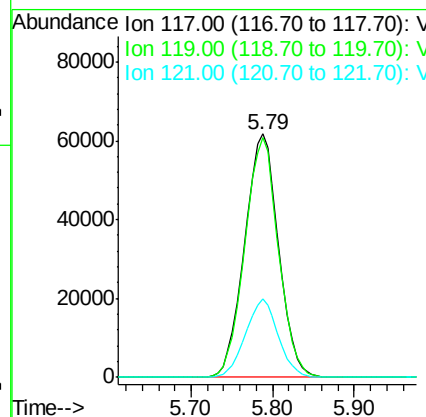
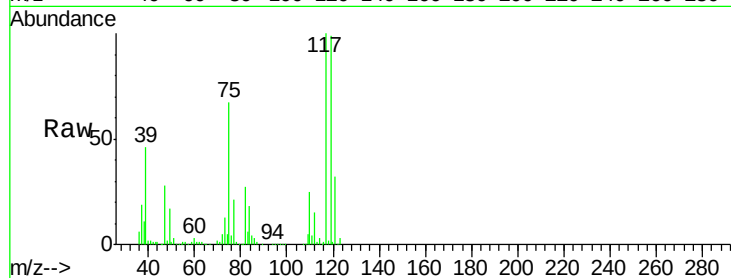




#33
Carbon Tetrachloride
Concen: 43.926 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

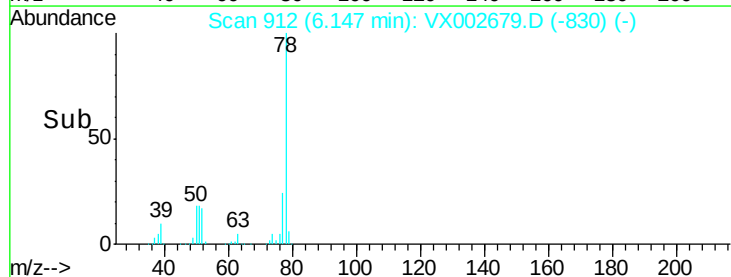
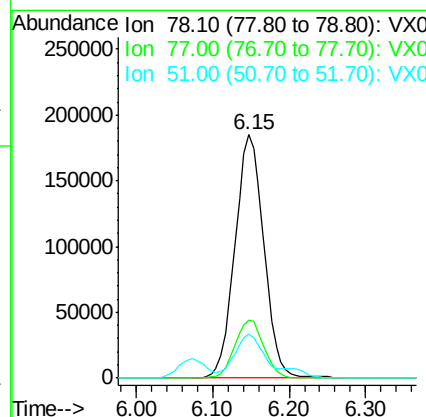
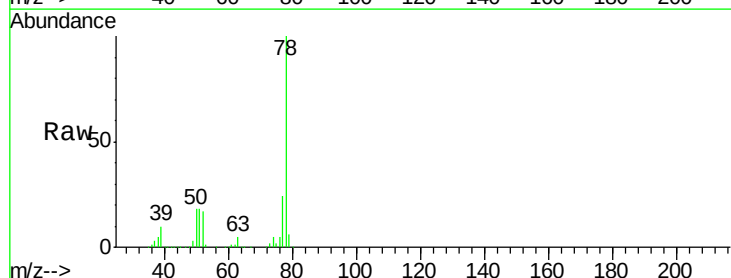
Instrument :
MSVOA_X
ClientSampled :

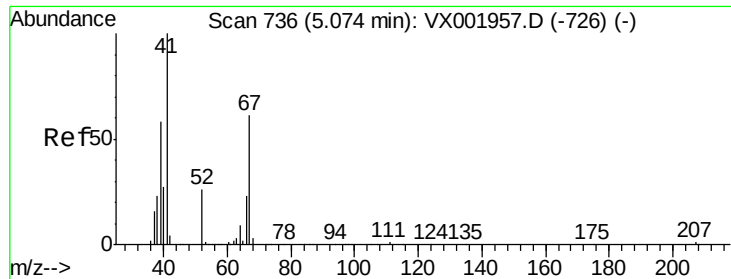
Tot Ion:117 Resp: 178479
Ion Ratio Lower Upper
117 100
119 98.7 73.3 109.9
121 32.4 23.6 35.4



#34
Benzene
Concen: 46.796 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 78 Resp: 483761
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0
51 17.7 13.8 20.6

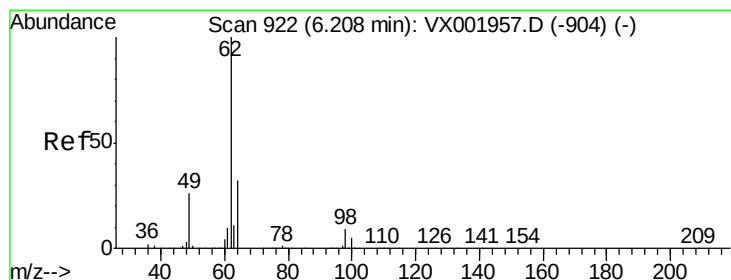
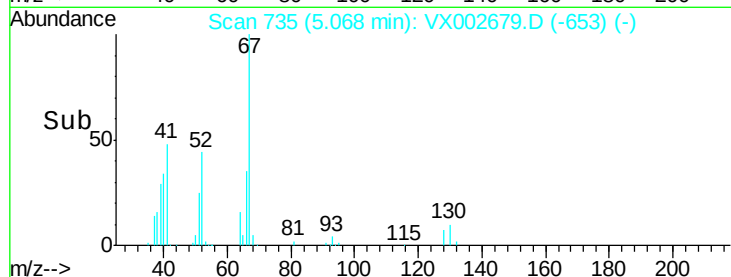
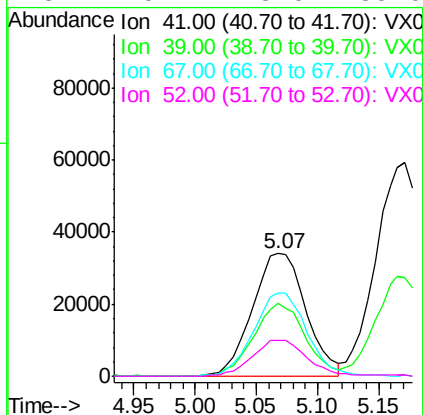
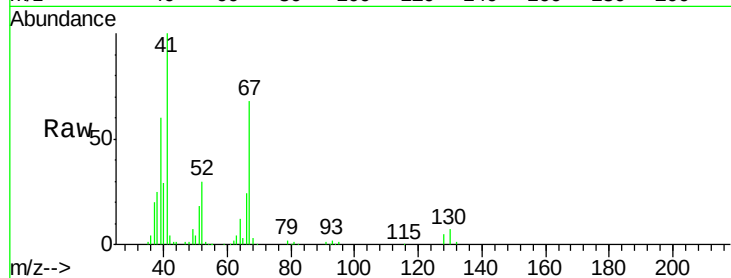




#35
Methacrylonitrile
Concen: 38.942 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

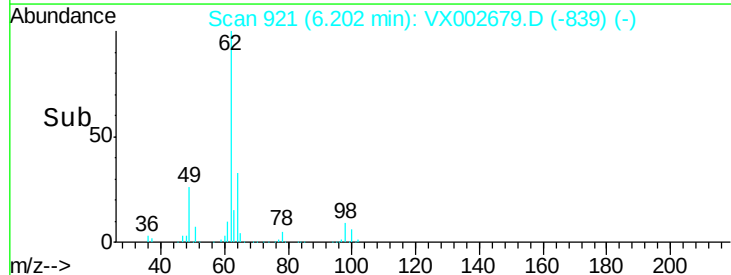
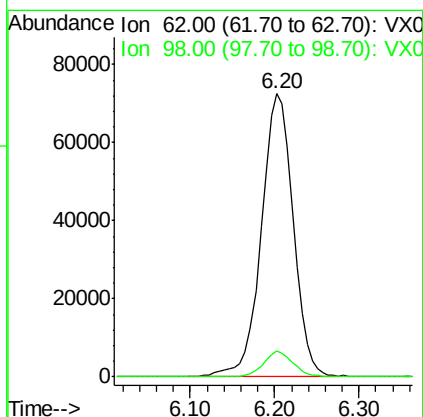
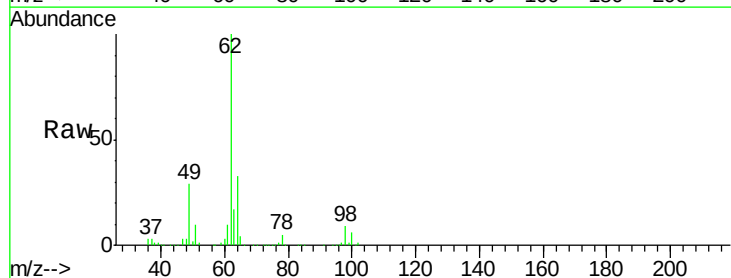
Instrument :
MSVOA_X
ClientSampled :

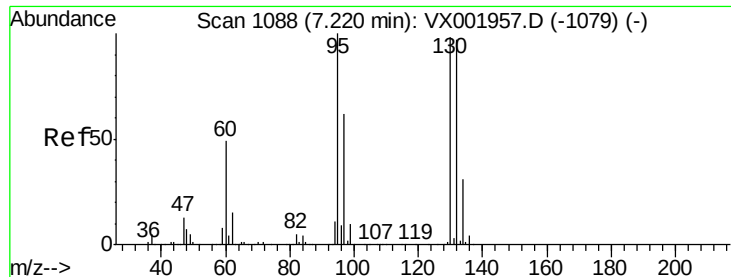
Tot Ion:	41	Resp:	102974
Ion	Ratio	Lower	Upper
41	100		
39	59.5	28.8	86.5
67	67.8	30.4	91.2
52	29.4	13.0	39.0



#36
1,2-Dichloroethane
Concen: 47.163 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion:	62	Resp:	189957
Ion	Ratio	Lower	Upper
62	100		
98	8.5	6.5	9.7

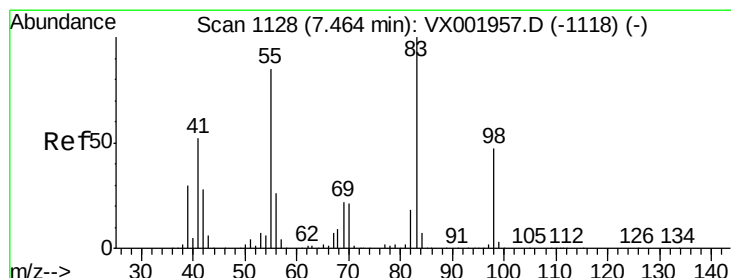
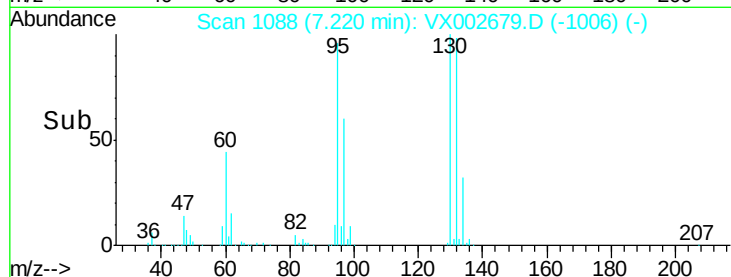
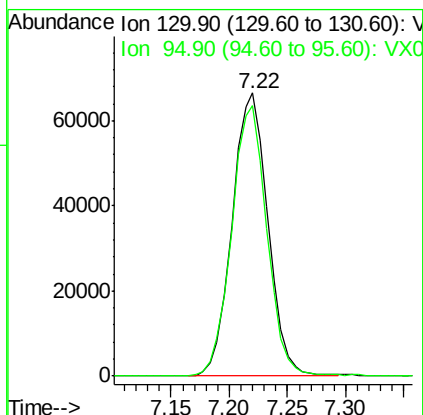
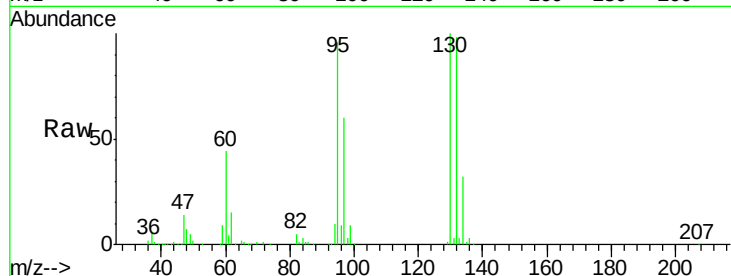




#37
 Trichloroethene
 Concen: 48.259 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

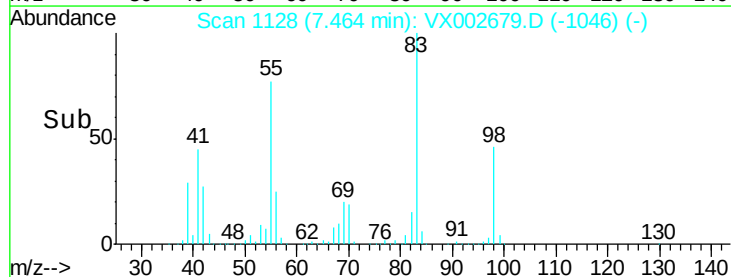
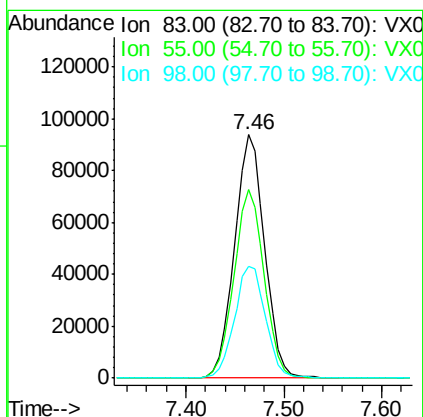
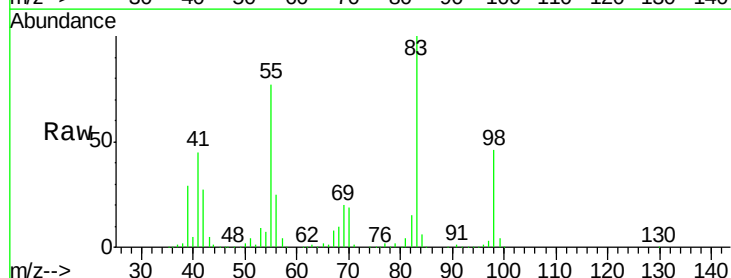
Instrument :
 MSVOA_X
 ClientSampleId :

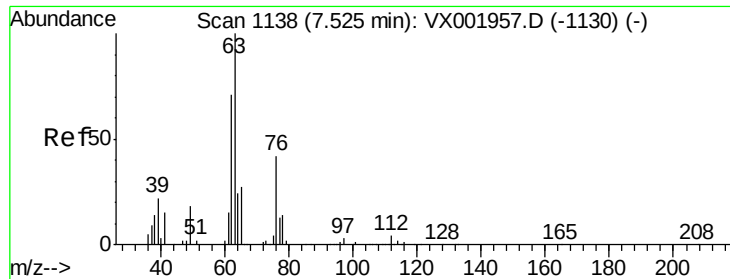
Tot Ion:130 Resp: 141520
 Ion Ratio Lower Upper
 130 100
 95 95.7 81.5 122.3



#38
 Methylcyclohexane
 Concen: 50.025 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion: 83 Resp: 199816
 Ion Ratio Lower Upper
 83 100
 55 77.9 40.6 121.8
 98 47.6 23.5 70.5

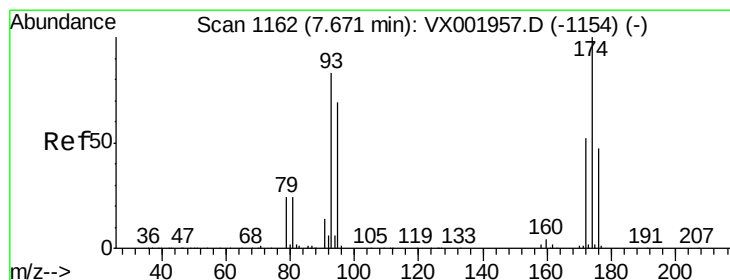
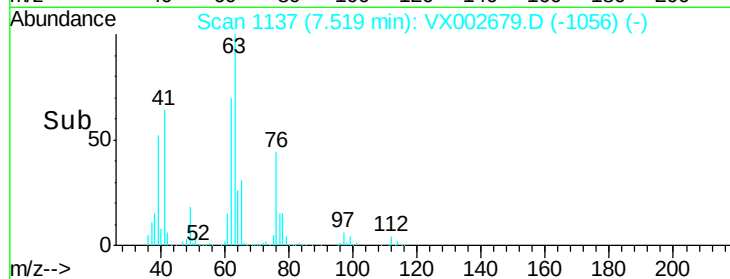
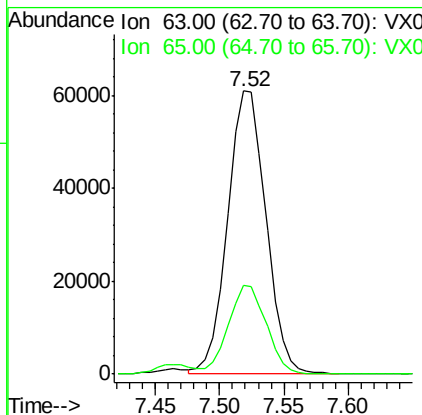
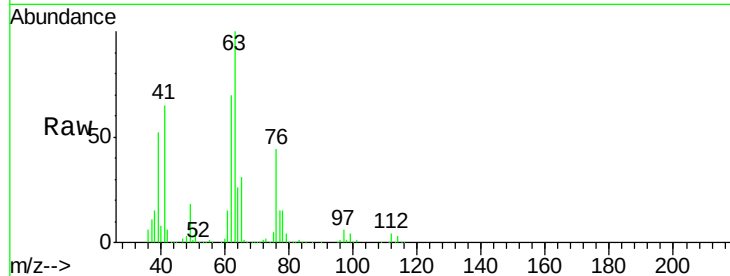




#39
 1,2-Dichloropropane
 Concen: 45.244 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

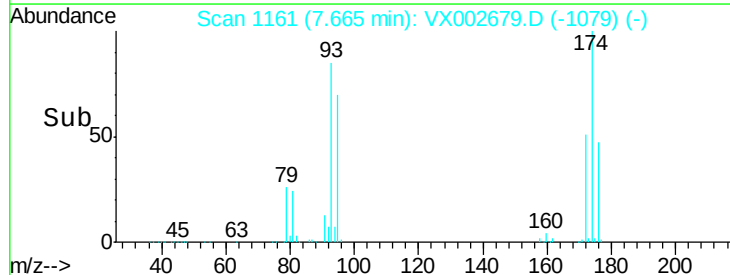
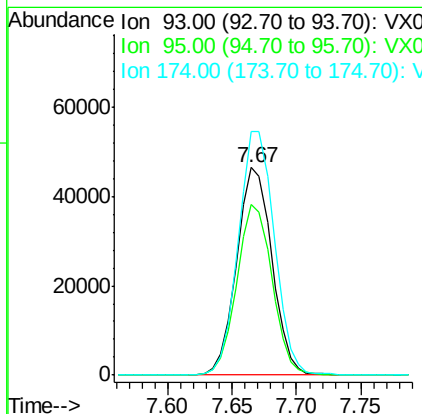
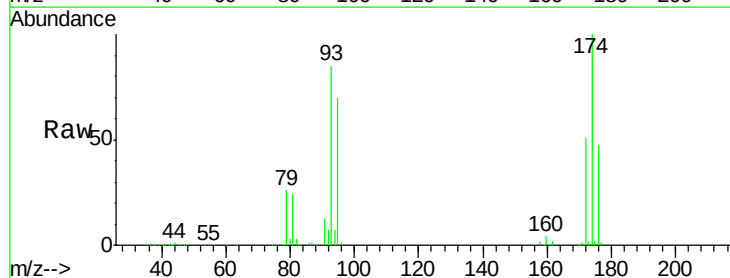
Instrument :
 MSVOA_X
 ClientSampleId :

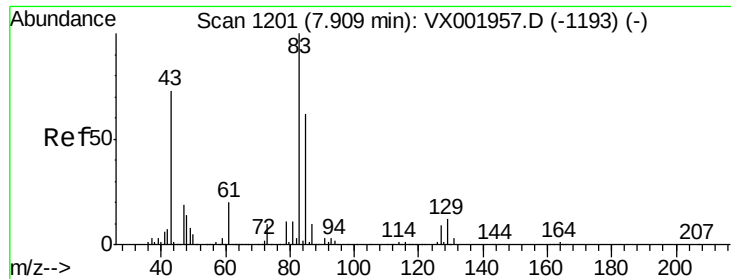
Tot Ion: 63 Resp: 126464
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.3 34.9



#40
 Dibromomethane
 Concen: 47.294 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion: 93 Resp: 88689
 Ion Ratio Lower Upper
 93 100
 95 82.2 0.0 162.6
 174 119.6 0.0 229.4

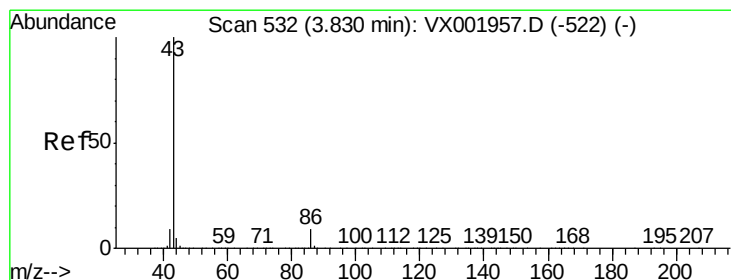
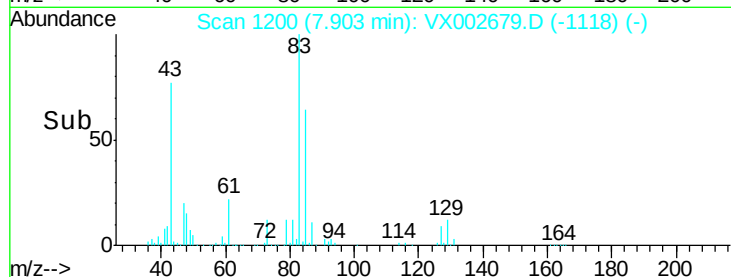
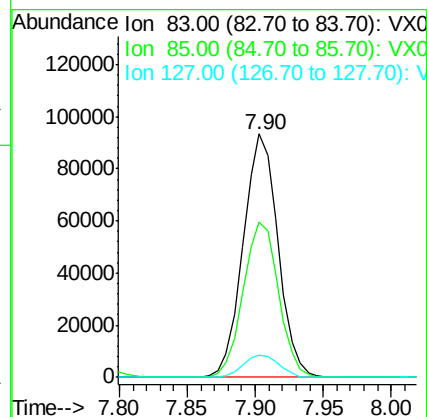
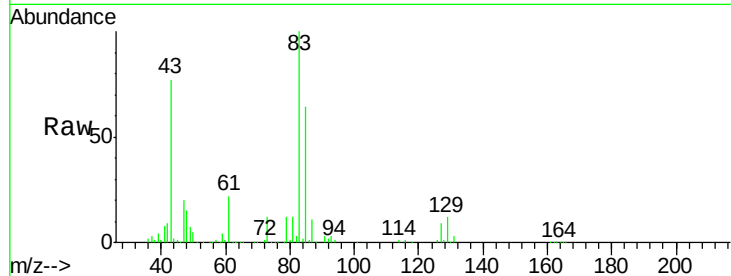




#41
Bromodichloromethane
Concen: 42.988 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

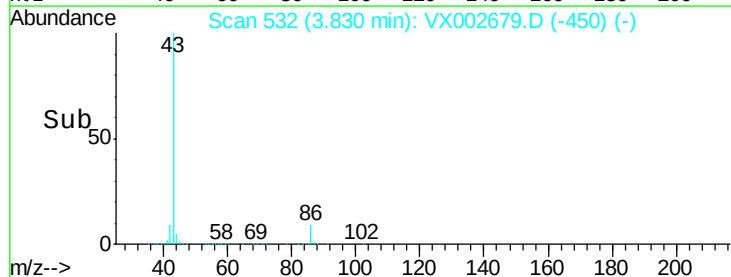
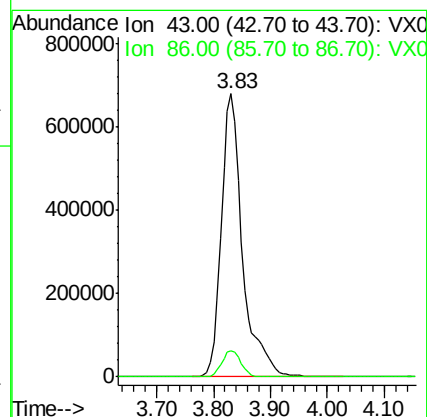
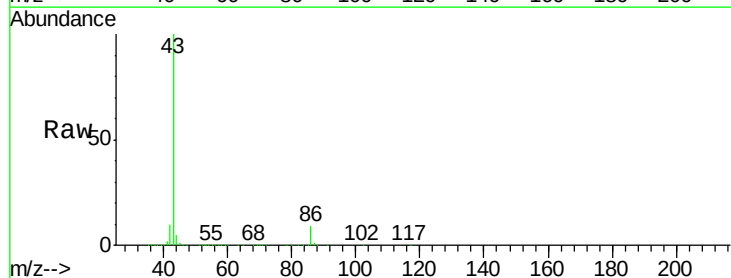
Instrument :
MSVOA_X
ClientSampleId :

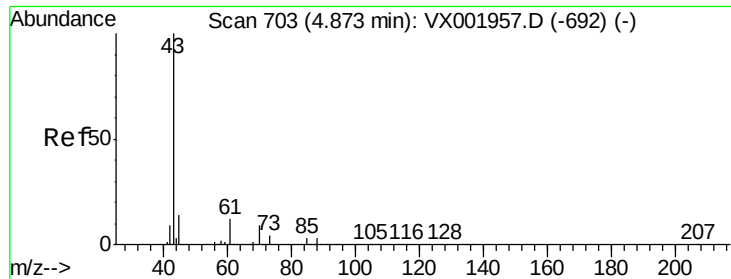
Tot Ion: 83 Resp: 167246
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.8
127 9.2 7.3 10.9



#42
Vinyl Acetate
Concen: 231.808 ug/l
RT: 3.83 min Scan# 532
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 43 Resp: 1751259
Ion Ratio Lower Upper
43 100
86 8.4 6.7 10.1

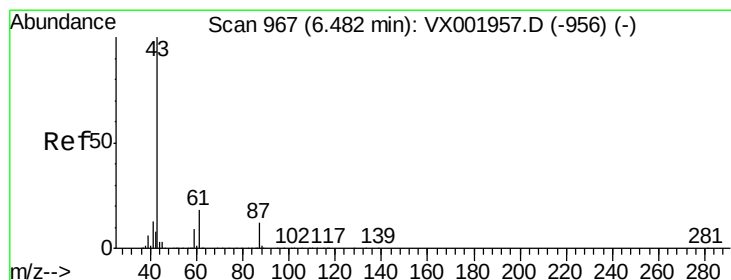
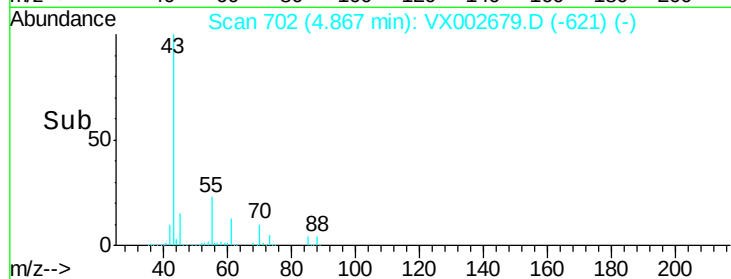
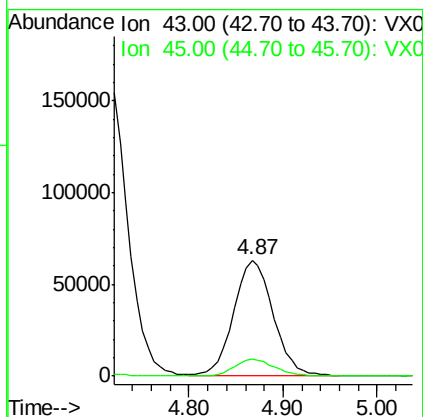
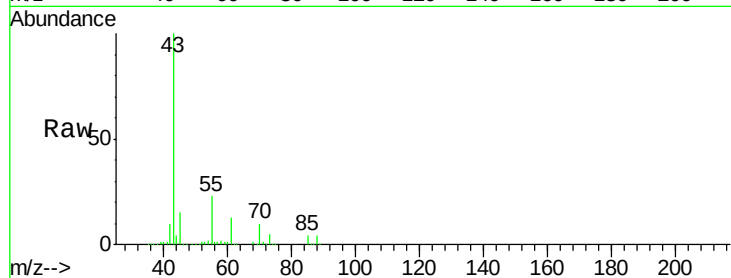




#43
Ethyl Acetate
Concen: 39.368 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

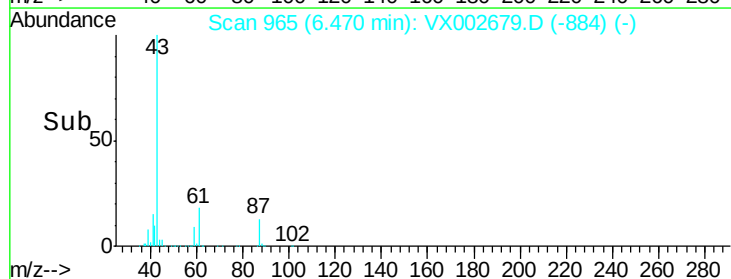
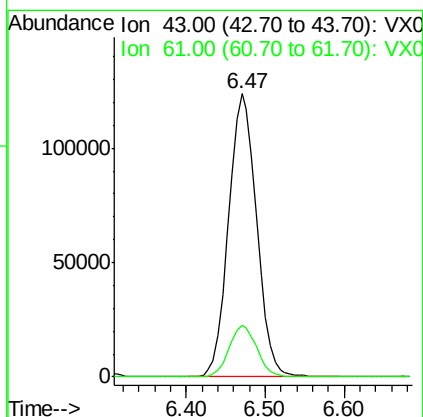
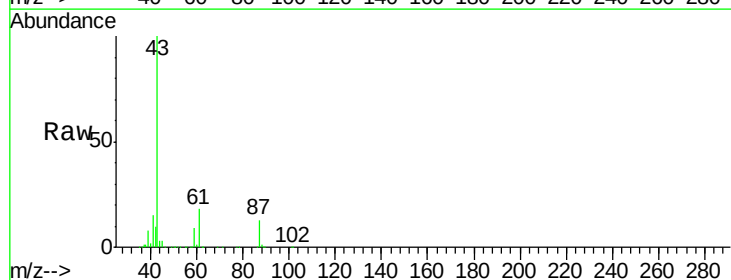
Instrument :
MSVOA_X
ClientSampleId :

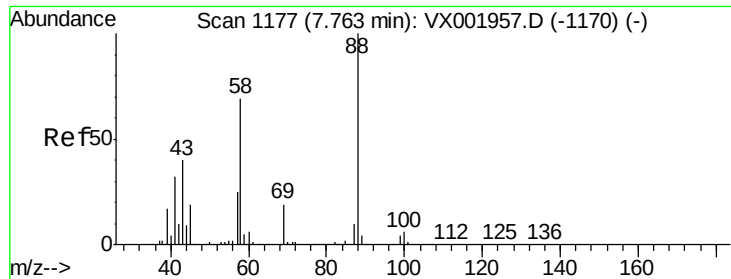
Tot Ion: 43 Resp: 184525
Ion Ratio Lower Upper
43 100
45 14.4 11.0 16.4



#44
Isopropyl Acetate
Concen: 39.185 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 43 Resp: 305415
Ion Ratio Lower Upper
43 100
61 18.0 14.5 21.7

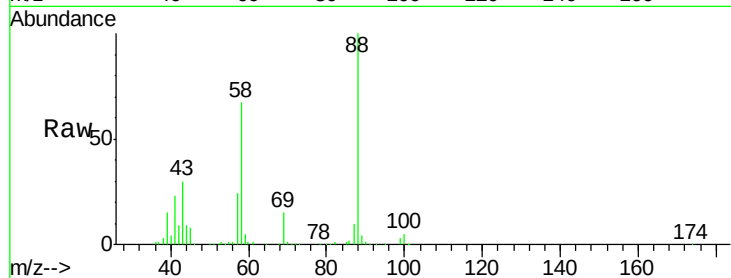




#45
 1,4-Dioxane
 Concen: 784.405 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	88	Resp	58162
Ion	Ratio	Lower	Upper
88	100		
43	35.2	43.2	64.8#
58	71.5	60.2	90.2

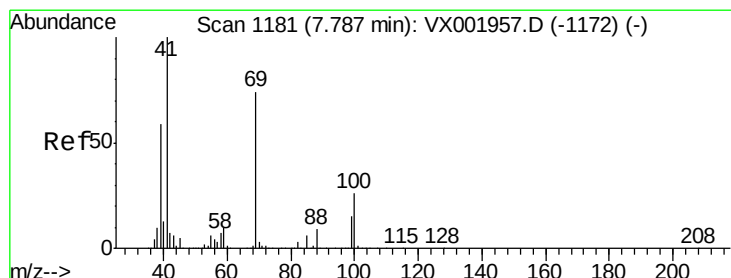
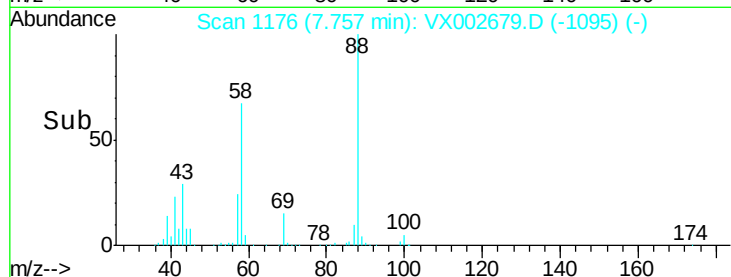
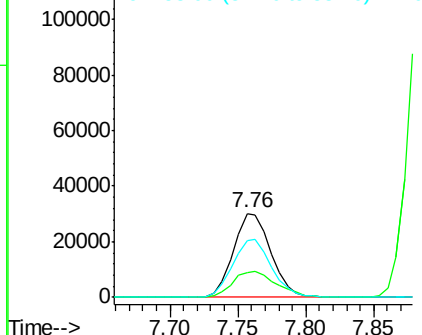


Abundance

Ion 88.00 (87.70 to 88.70): VX0

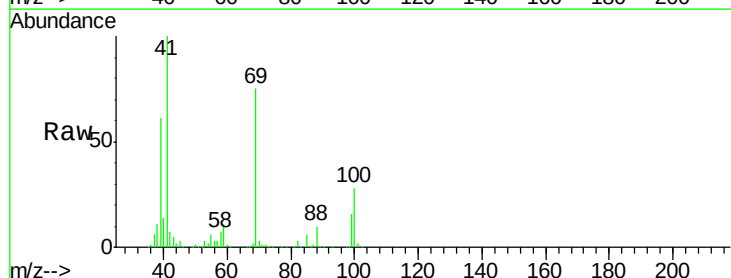
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
 Methyl methacrylate
 Concen: 39.799 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	41	Resp	157086
Ion	Ratio	Lower	Upper
41	100		
69	74.6	37.0	110.9
39	61.4	29.6	88.9

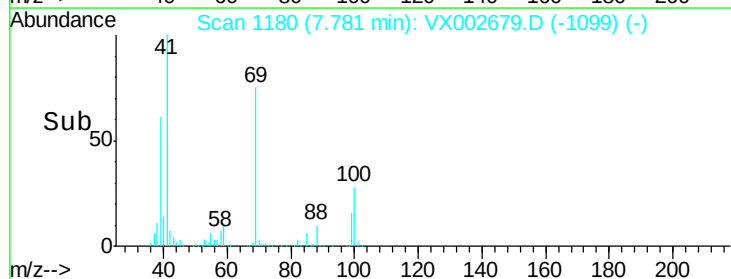
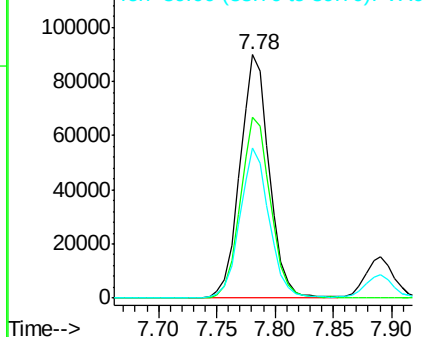


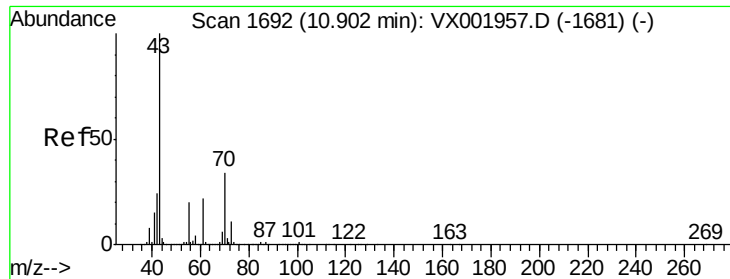
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 40.414 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

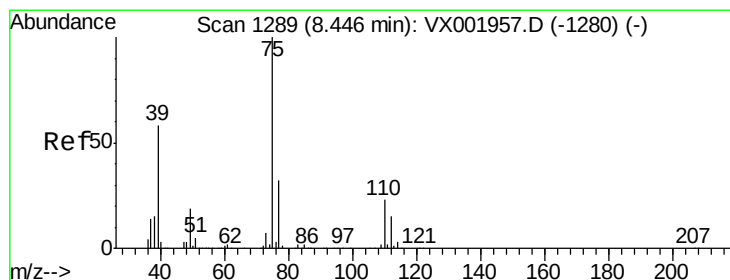
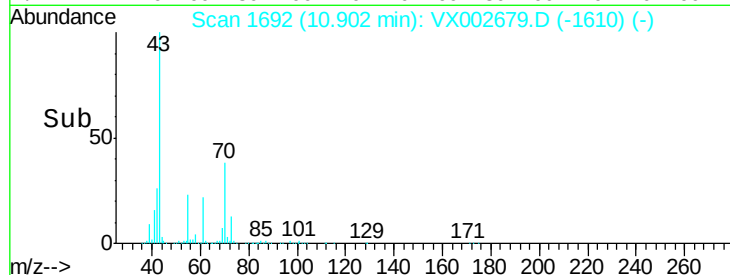
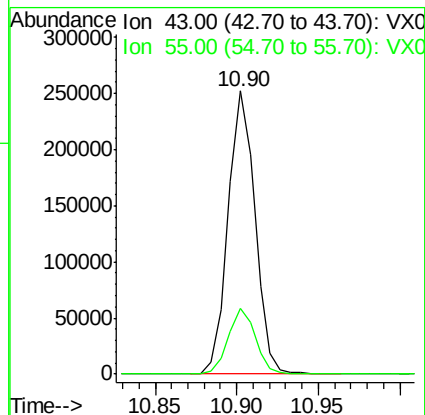
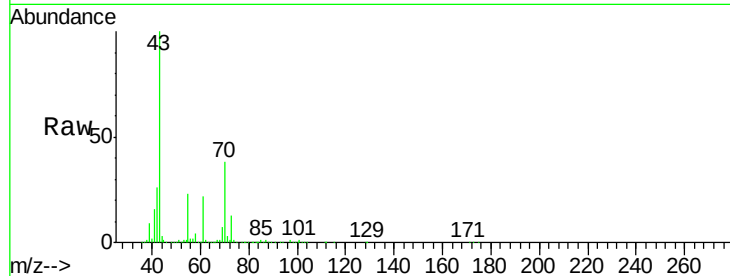
ClientSampleId :

Tot Ion: 43 Resp: 289789

Ion Ratio Lower Upper

43 100

55 23.5 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 44.967 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002679.D

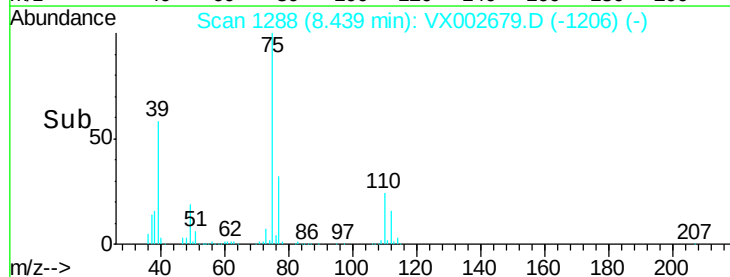
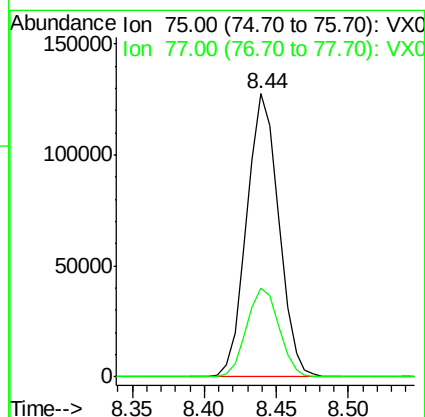
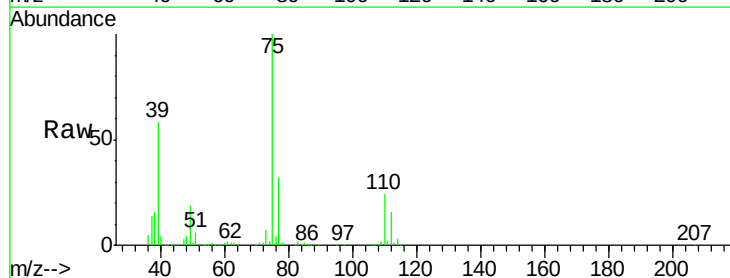
Acq: 18 Jun 2018 13:36

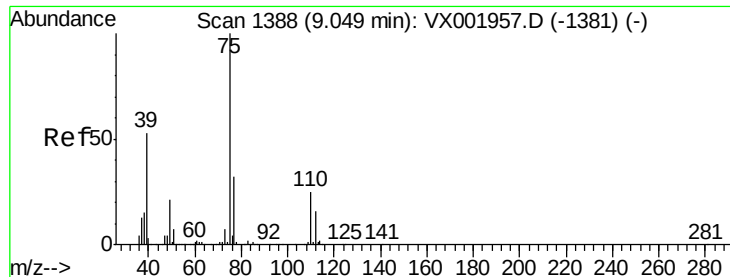
Tgt Ion: 75 Resp: 196592

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



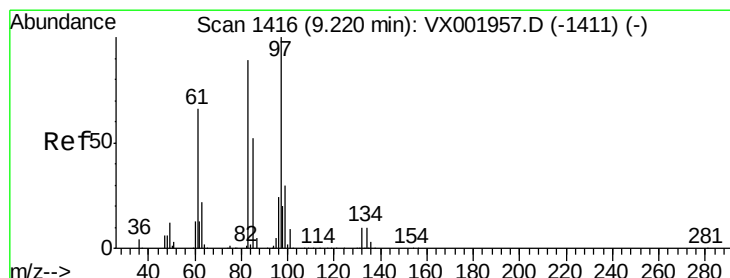
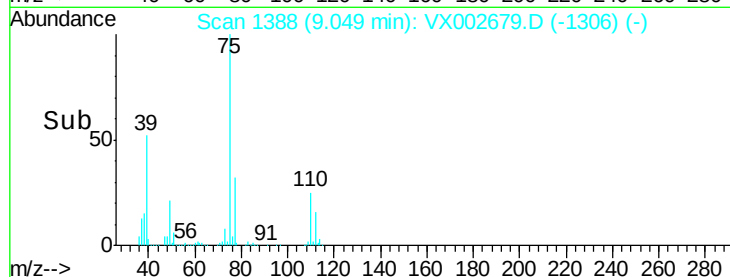
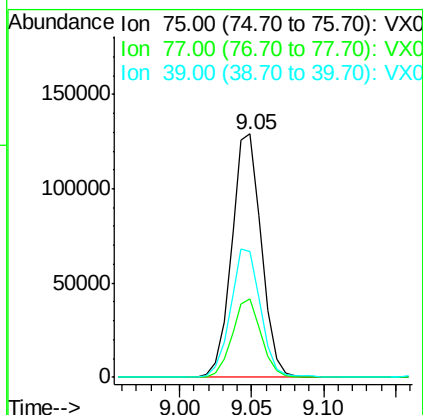
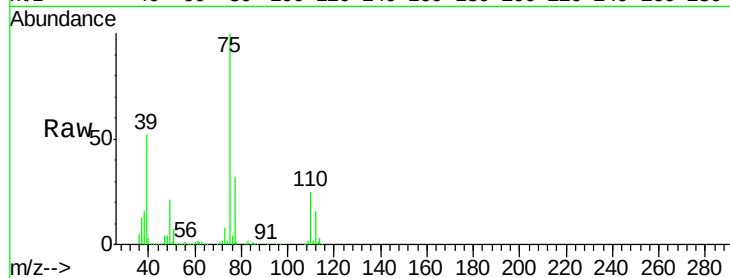


#49

cis-1,3-Dichloropropene
Concen: 43.895 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :

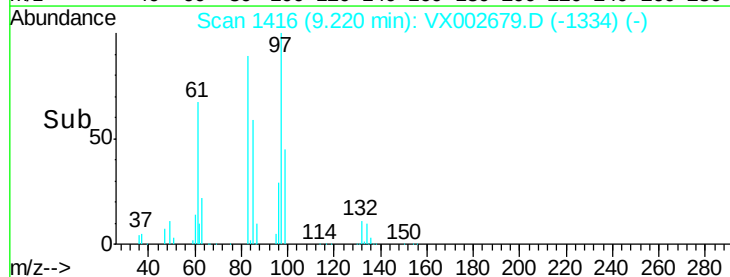
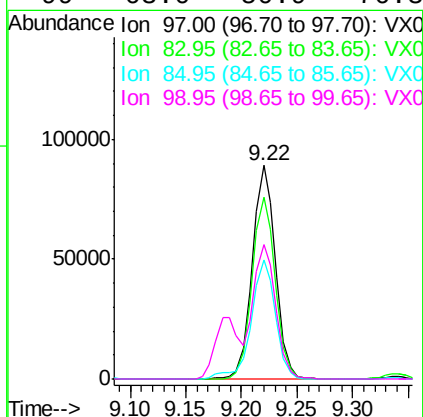
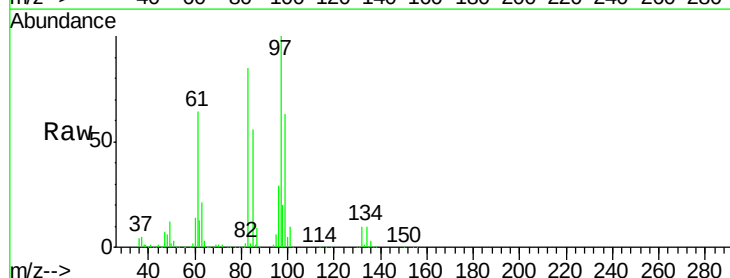
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.2
39	51.5	42.3	63.5

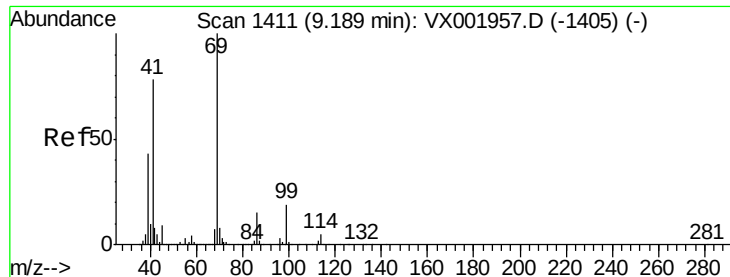


#50

1,1,2-Trichloroethane
Concen: 48.046 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.8	106.2
85	56.0	43.5	65.3
99	63.0	50.9	76.3





#51

Ethyl methacrylate

Concen: 42.793 ug/l

RT: 9.18 min Scan# 1410

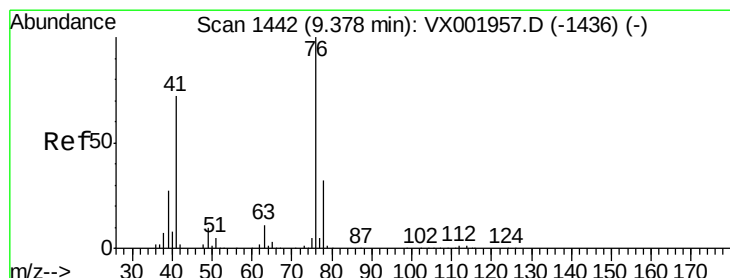
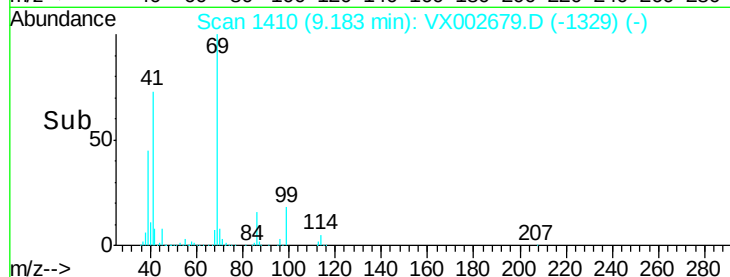
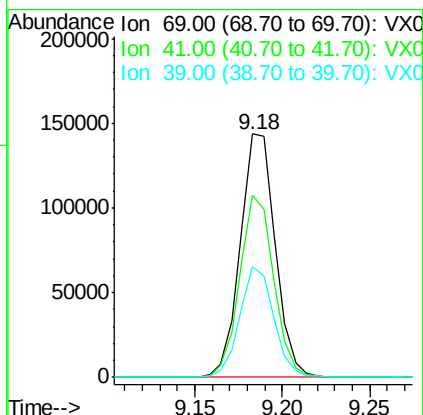
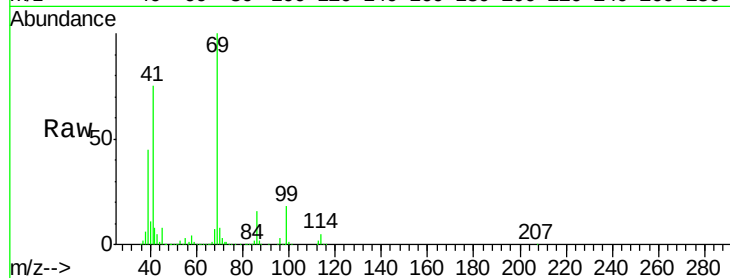
Delta R.T. -0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	199576
Ion	Ratio	Lower	Upper
69	100		
41	74.5	39.1	117.3
39	45.3	21.7	65.1



#52

1,3-Dichloropropane

Concen: 47.165 ug/l

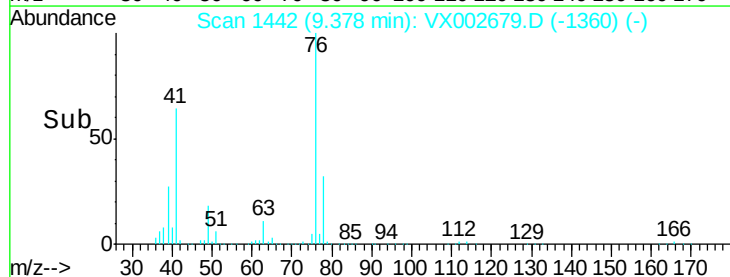
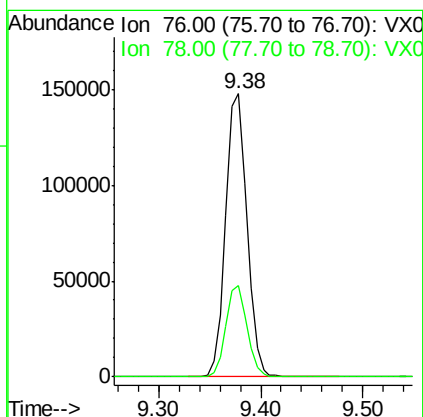
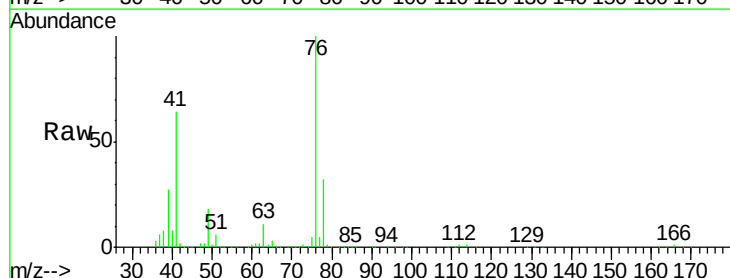
RT: 9.38 min Scan# 1442

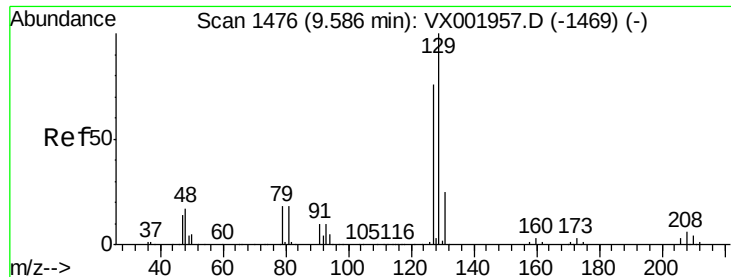
Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Tgt Ion:	76	Resp:	214190
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.4





#53

Dibromochloromethane

Concen: 42.741 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

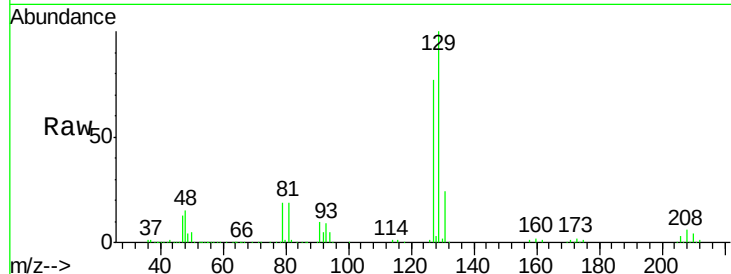
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 140577

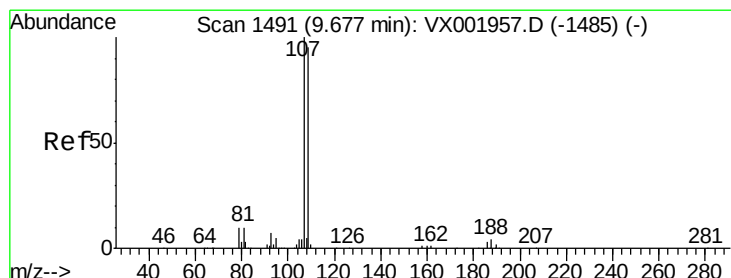
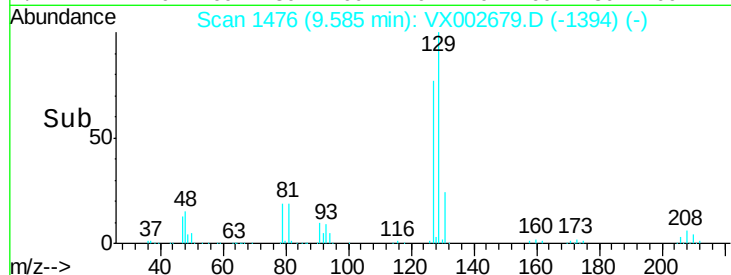
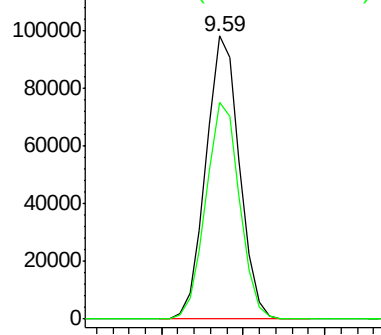
Ion Ratio Lower Upper

129 100

127 76.9 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 47.363 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002679.D

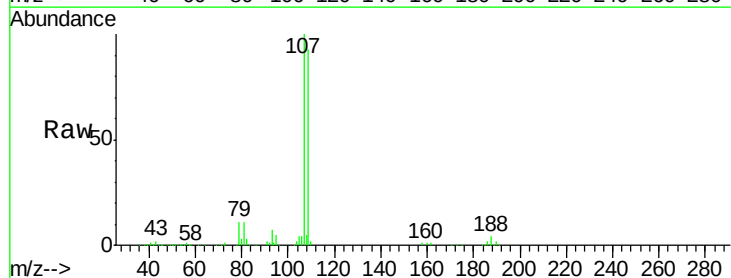
Acq: 18 Jun 2018 13:36

Tgt Ion:107 Resp: 138050

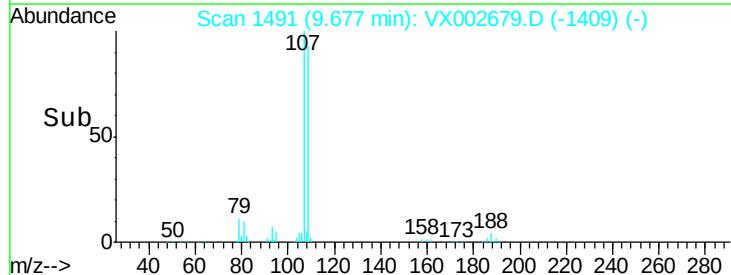
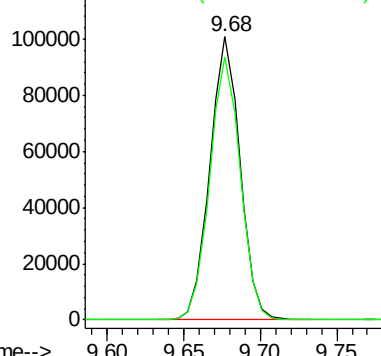
Ion Ratio Lower Upper

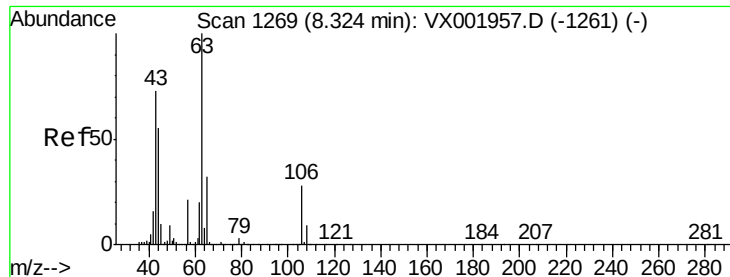
107 100

109 94.3 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

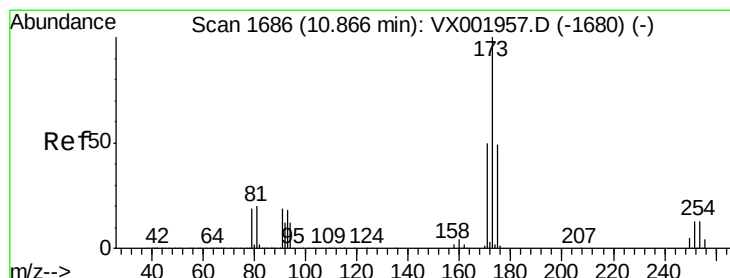
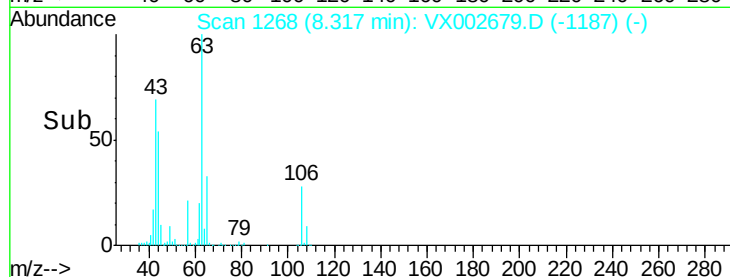
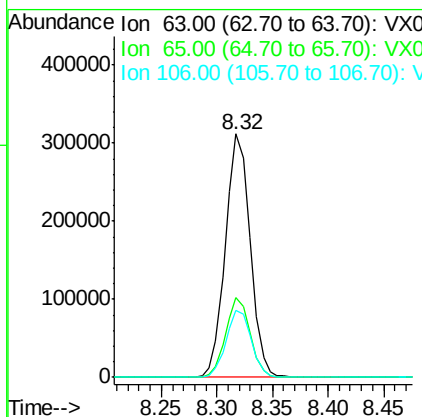
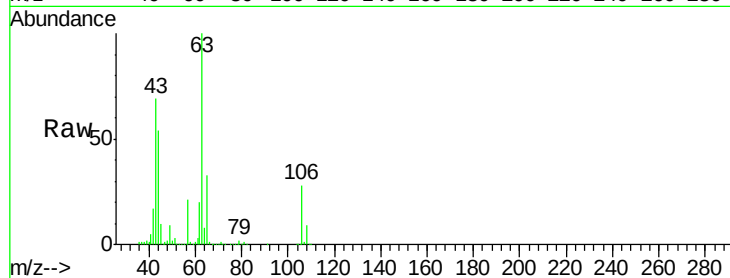




#55
2-Chloroethyl vinyl ether
Concen: 219.881 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

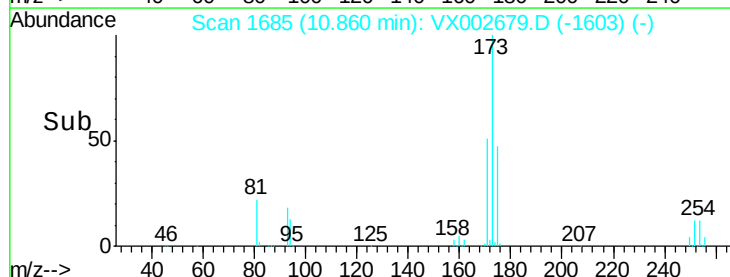
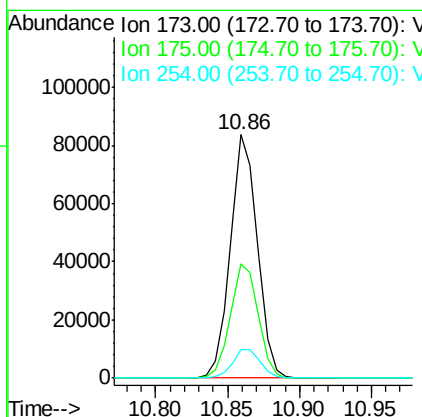
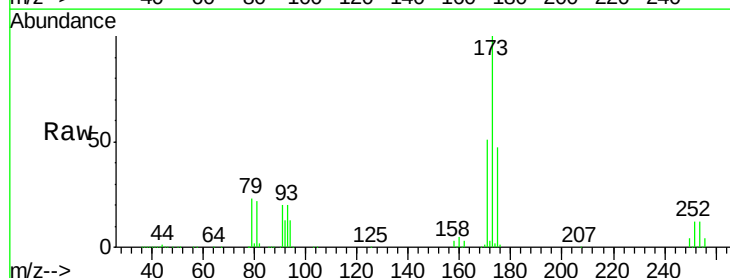
Instrument :
MSVOA_X
ClientSampleId :

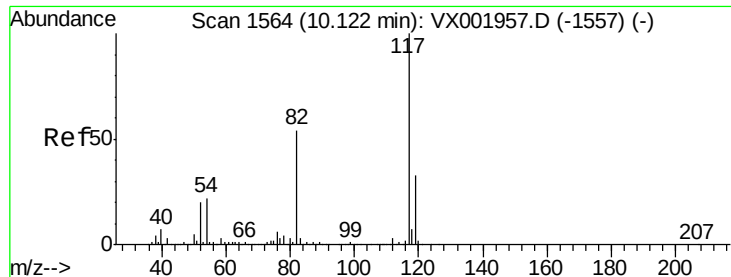
Tot Ion: 63 Resp: 481322
Ion Ratio Lower Upper
63 100
65 32.5 25.6 38.4
106 28.1 21.6 32.4



#56
Bromoform
Concen: 38.232 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 173 Resp: 110574
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.4
254 12.3 9.6 14.4

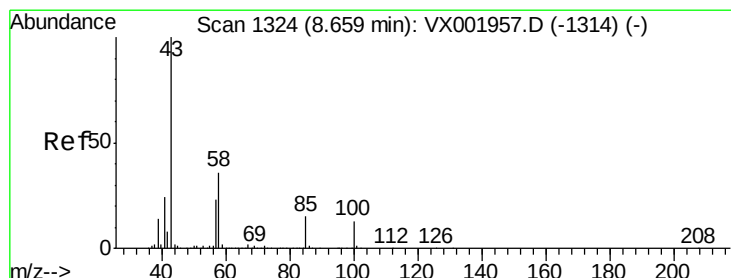
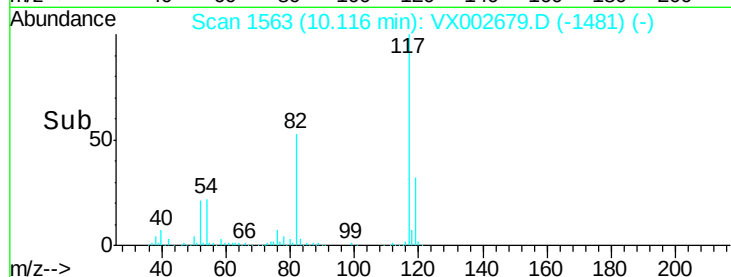
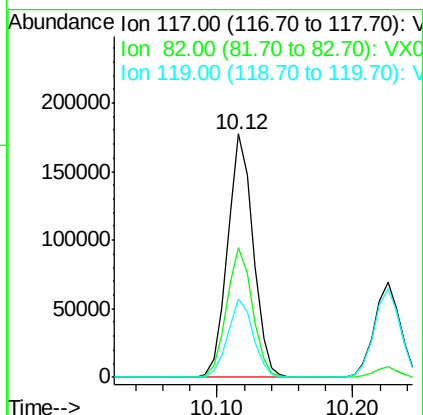
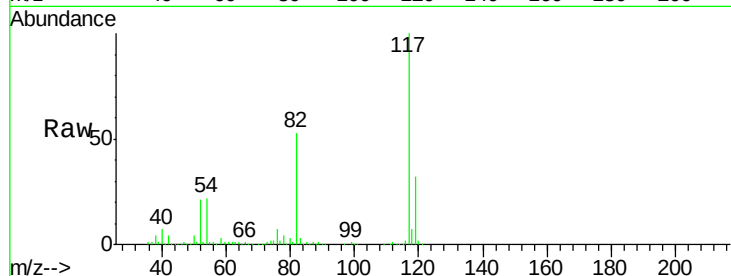




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

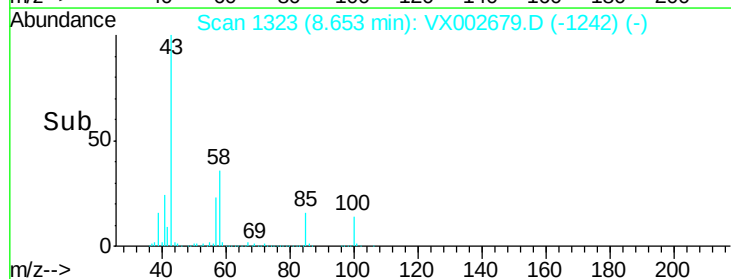
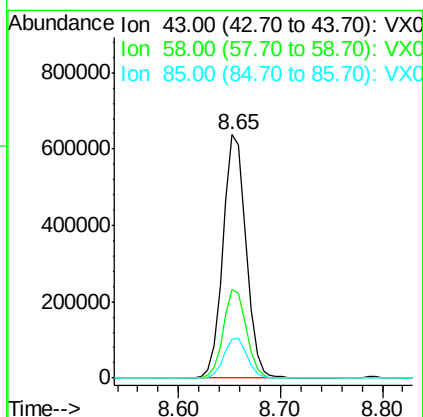
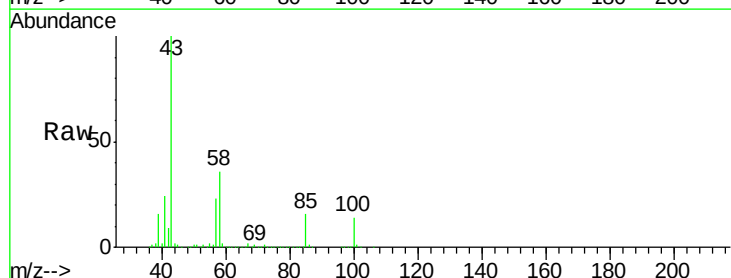
Instrument :
MSVOA_X
ClientSampleId :

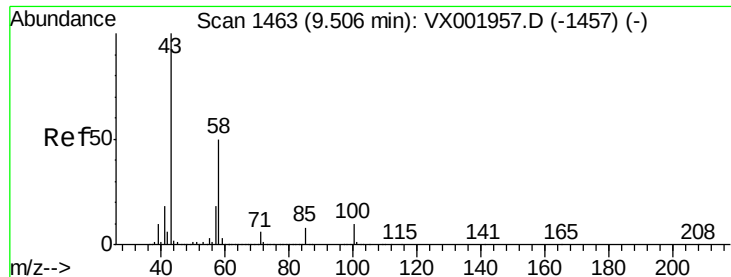
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	32.2	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 198.863 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.2	42.4
85	16.5	12.4	18.6

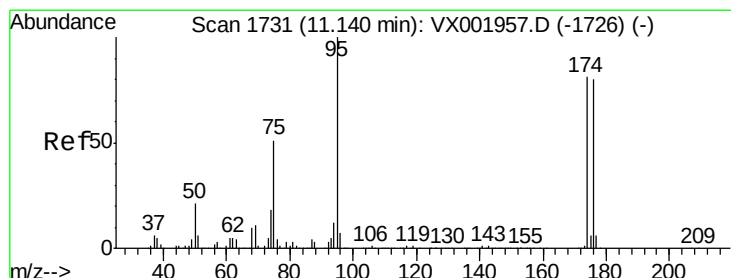
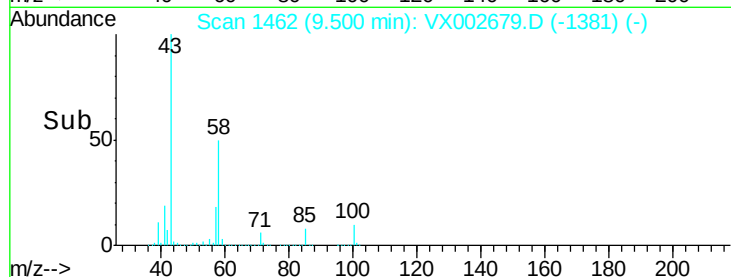
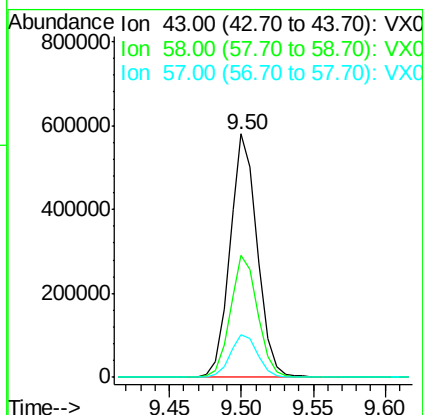
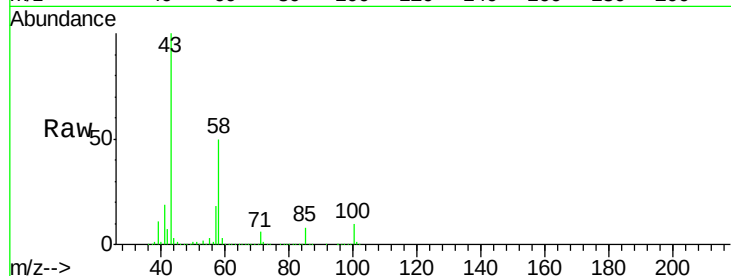




#59
2-Hexanone
Concen: 195.867 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

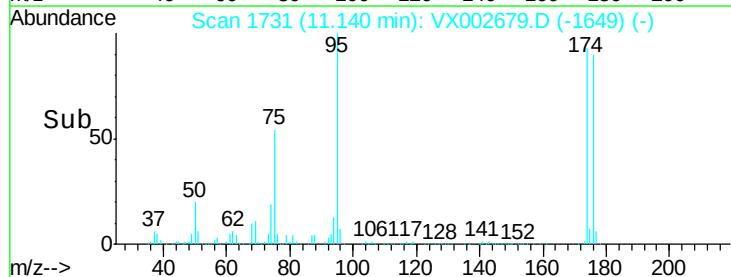
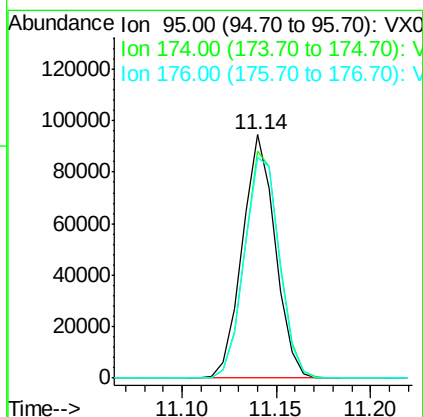
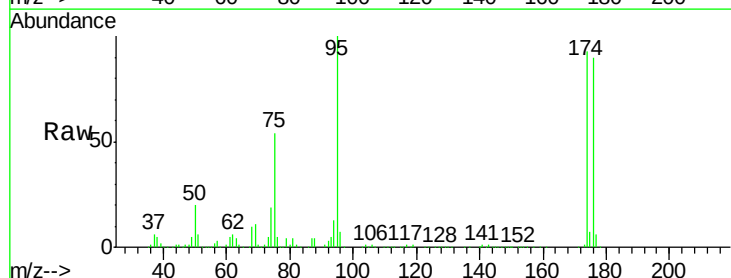
Instrument :
MSVOA_X
ClientSampleId :

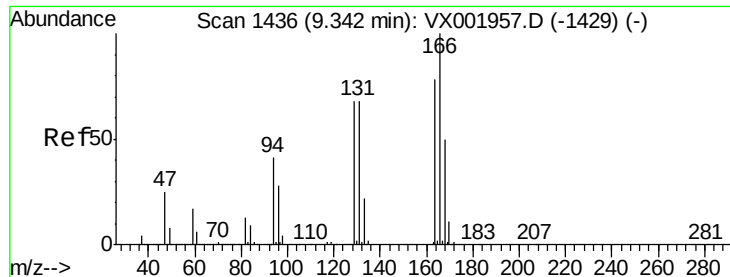
Tot Ion	Ratio	Lower	Upper
43	100		
58	50.3	39.6	59.4
57	17.8	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 28.876 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.7	71.8	107.6
176	96.1	70.1	105.1





#61

Tetrachloroethene

Concen: 44.542 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 157372

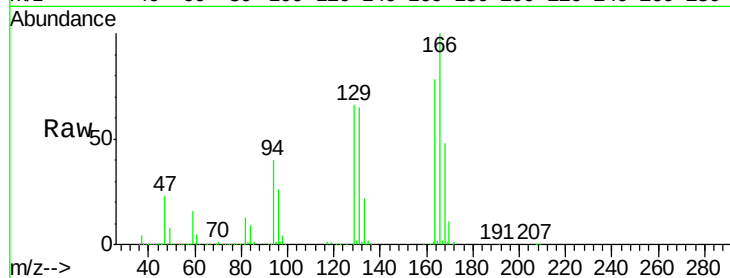
Ion Ratio Lower Upper

164 100

166 128.9 102.4 153.6

129 84.8 70.1 105.1

131 83.2 69.1 103.7

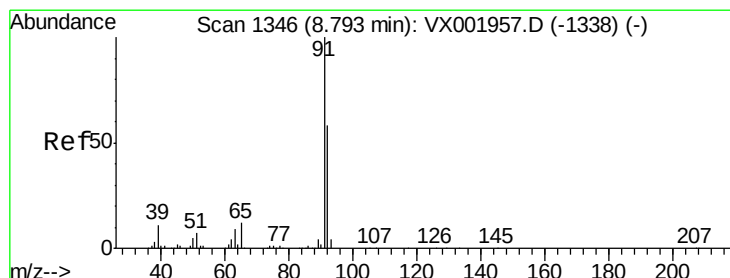
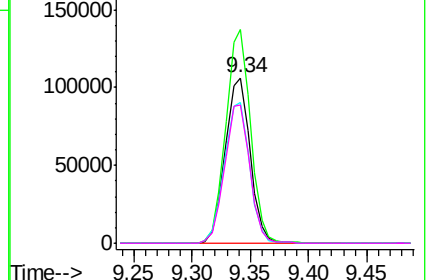
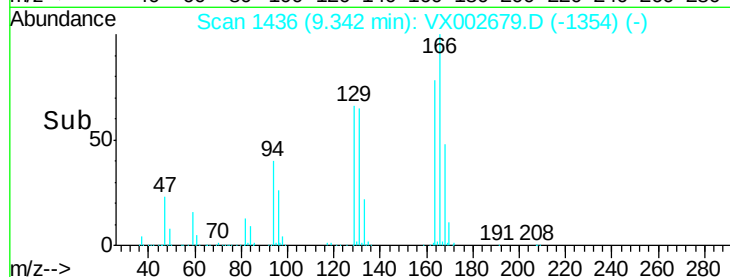


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 46.816 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002679.D

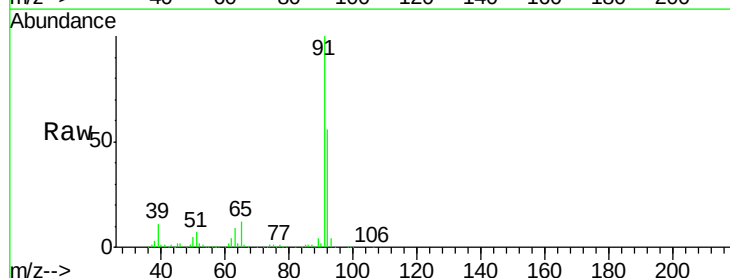
Acq: 18 Jun 2018 13:36

Tgt Ion: 91 Resp: 553822

Ion Ratio Lower Upper

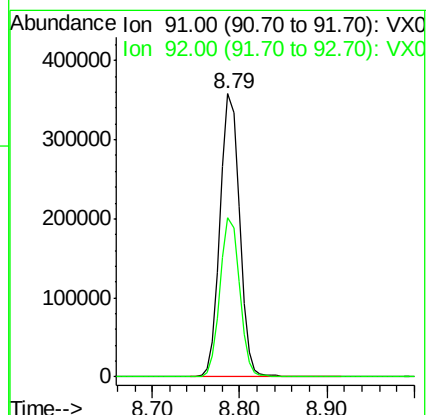
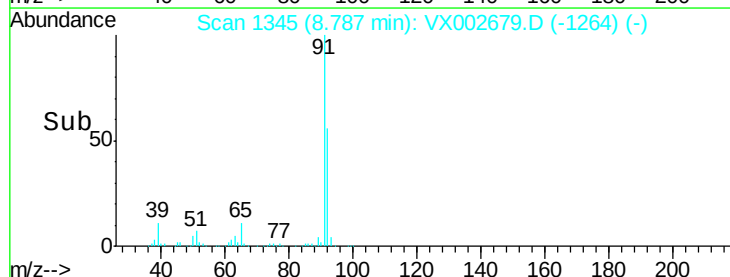
91 100

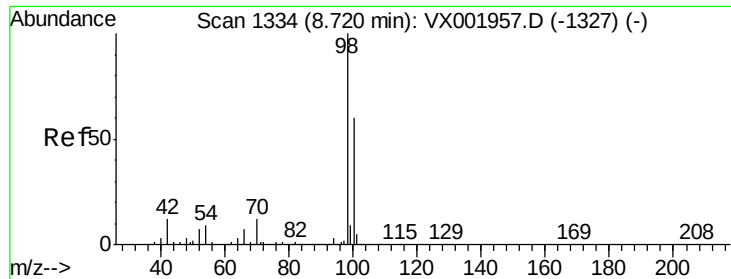
92 56.3 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

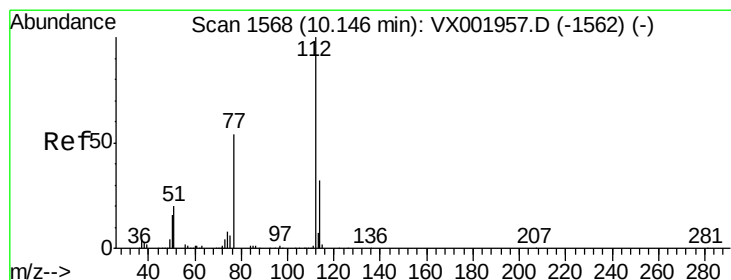
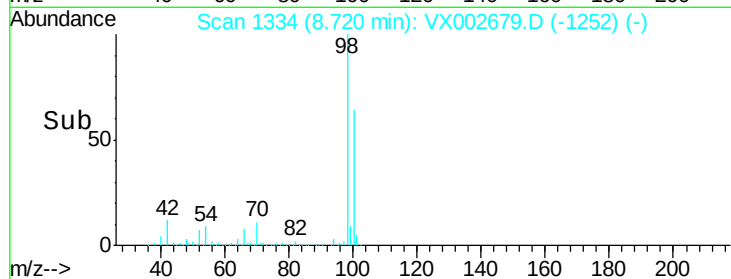
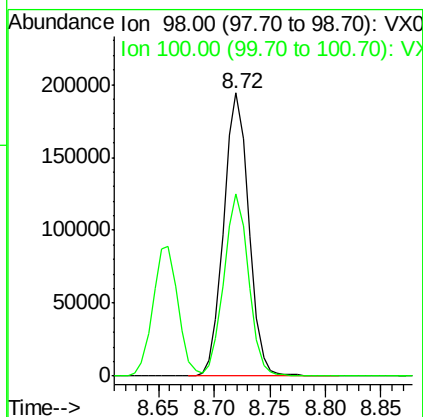
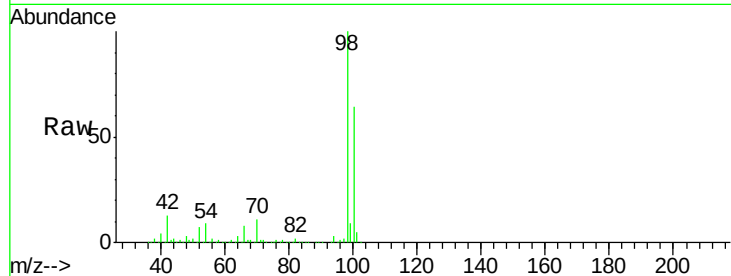




#63
Toluene-d8
Concen: 29.514 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

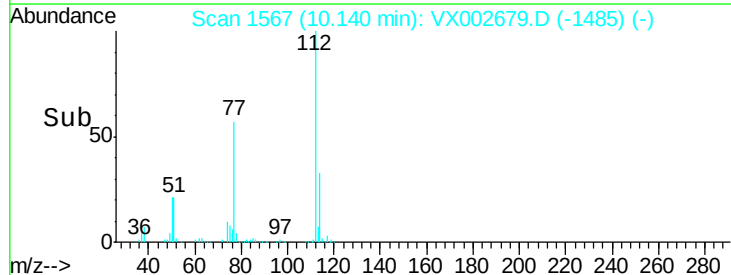
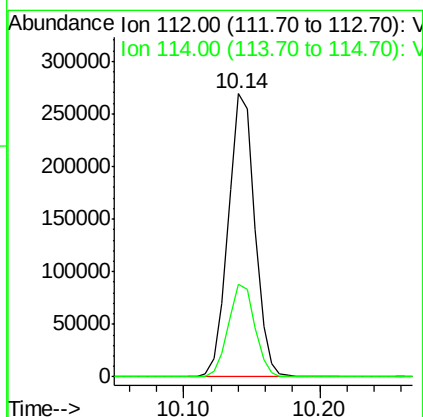
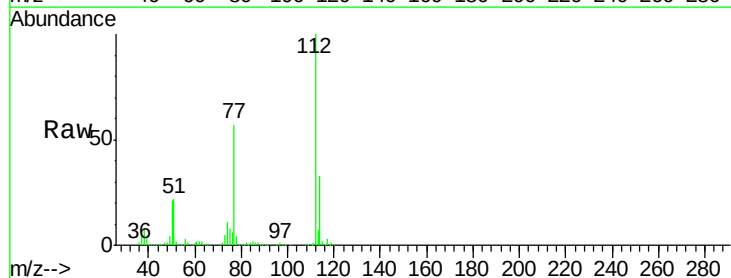
Instrument :
MSVOA_X
ClientSampleId :

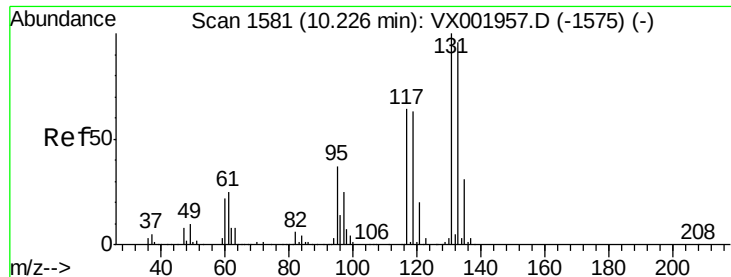
Tot Ion: 98 Resp: 304714
Ion Ratio Lower Upper
98 100
100 63.1 50.8 76.2



#64
Chlorobenzene
Concen: 47.804 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion: 112 Resp: 366014
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 44.048 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

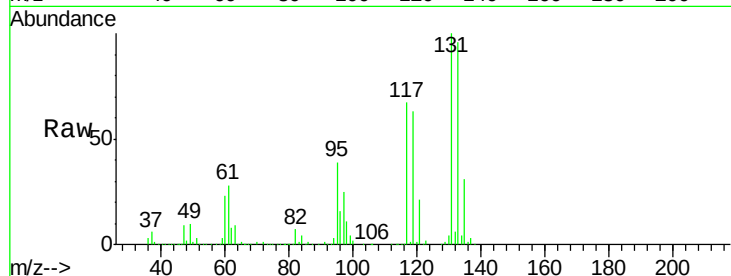
Tot Ion:131 Resp: 137245

Ion Ratio Lower Upper

131 100

133 96.6 0.0 191.2

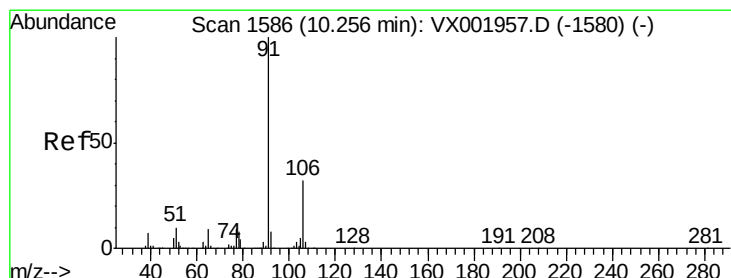
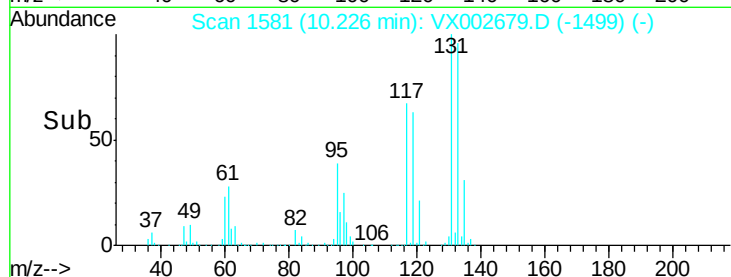
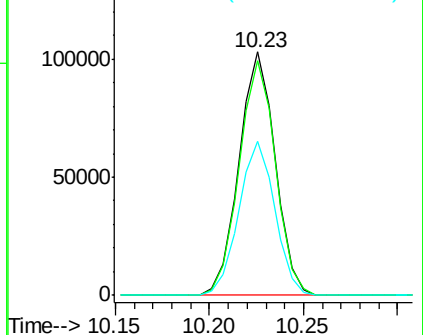
119 63.0 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 47.486 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002679.D

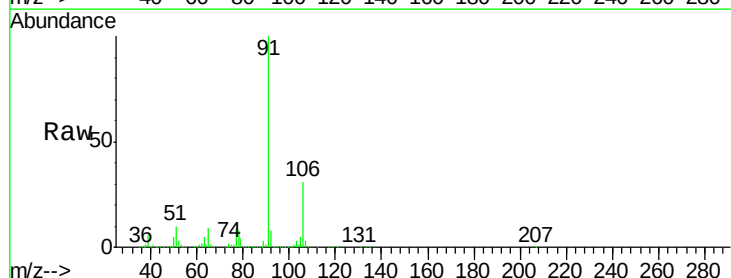
Acq: 18 Jun 2018 13:36

Tgt Ion: 91 Resp: 631363

Ion Ratio Lower Upper

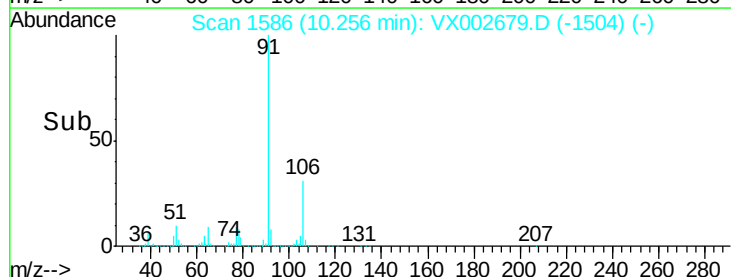
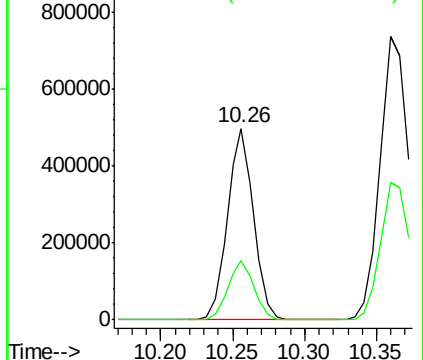
91 100

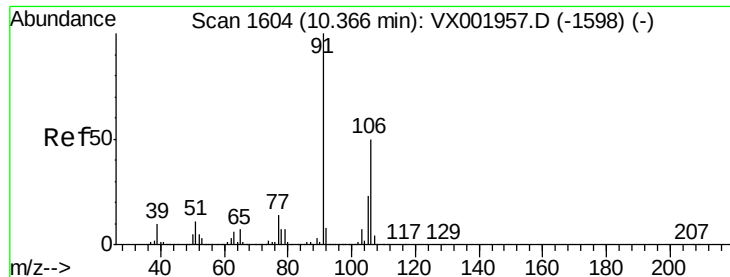
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 97.324 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

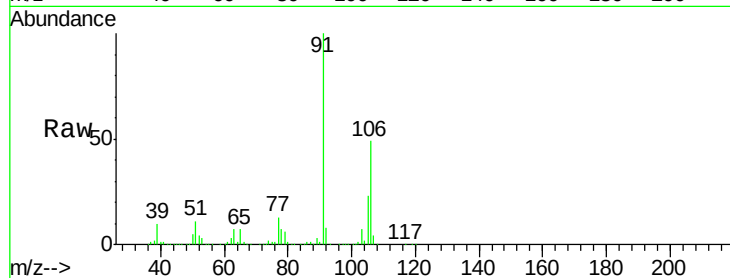
ClientSampleId :

Tot Ion:106 Resp: 491227

Ion Ratio Lower Upper

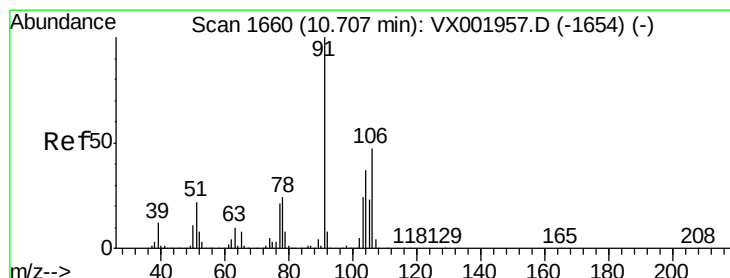
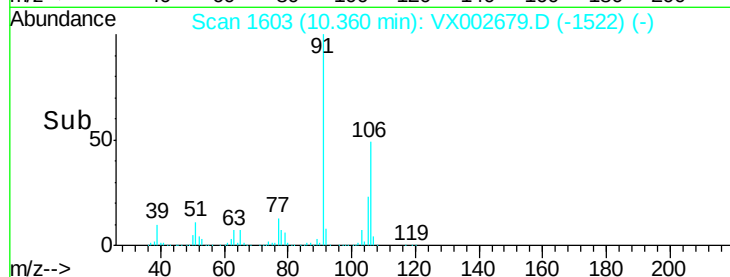
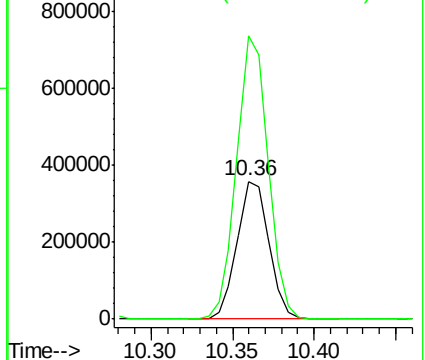
106 100

91 202.4 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 47.205 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002679.D

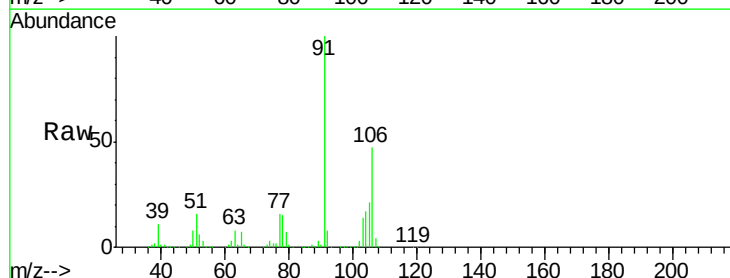
Acq: 18 Jun 2018 13:36

Tgt Ion:106 Resp: 238636

Ion Ratio Lower Upper

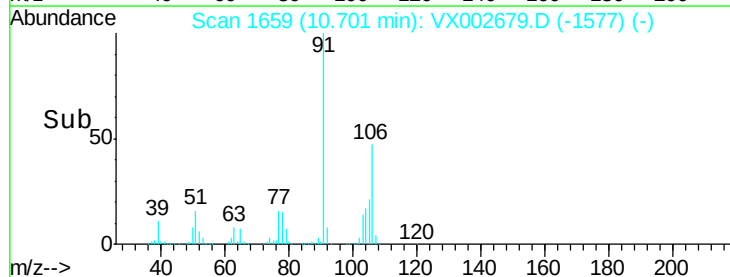
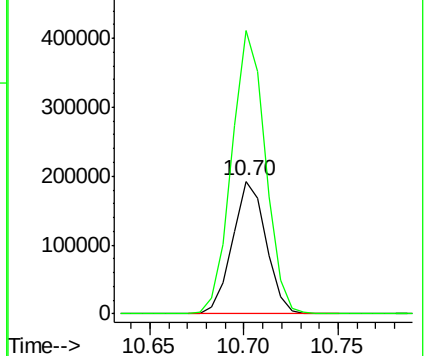
106 100

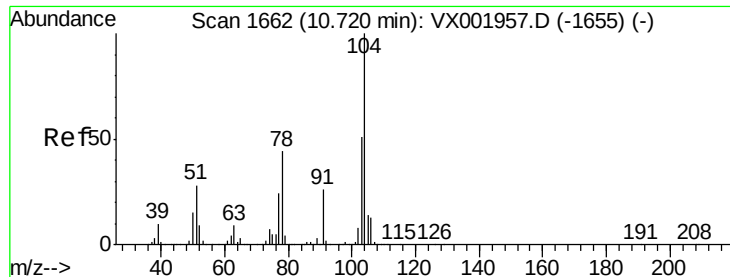
91 213.8 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

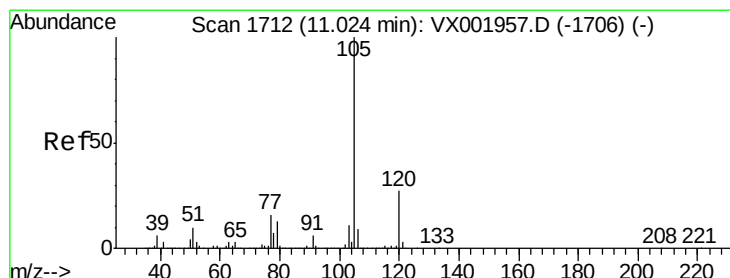
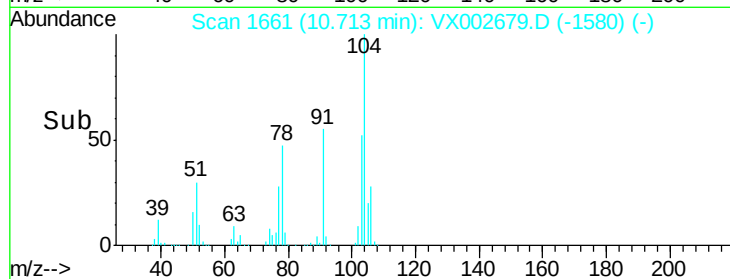
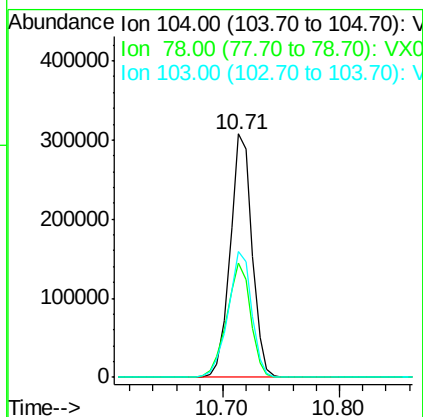
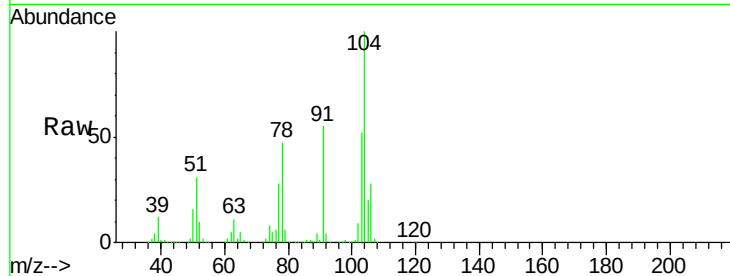




#69
Stvrene
Concen: 47.324 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

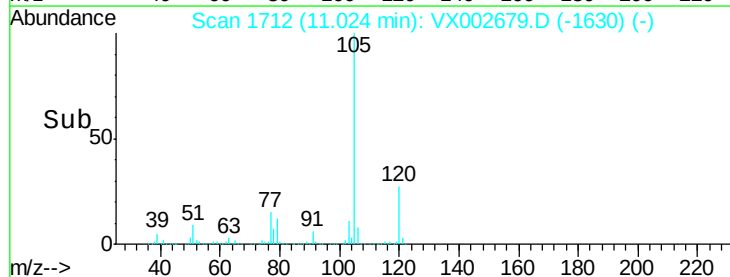
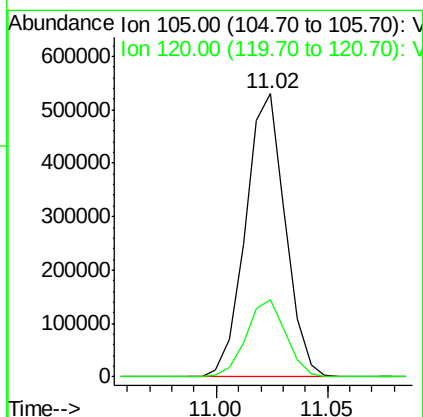
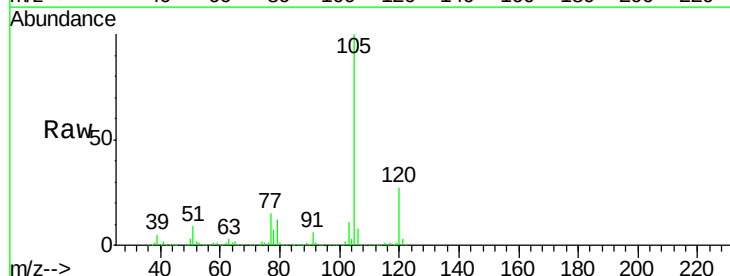
Instrument :
MSVOA_X
ClientSampled :

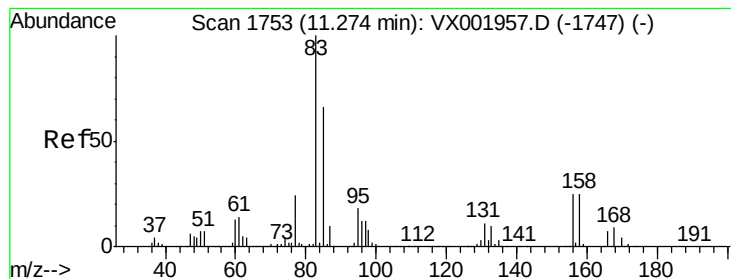
Tot Ion:104 Resp: 401608
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.8
103 55.5 44.9 67.3



#70
Isopropylbenzene
Concen: 48.696 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion:105 Resp: 658986
Ion Ratio Lower Upper
105 100
120 27.2 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 45.706 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

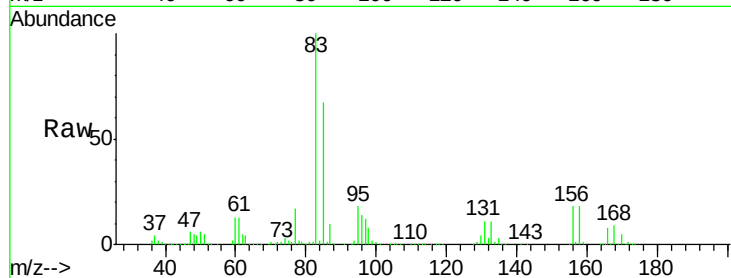
Tot Ion: 83 Resp: 193868

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

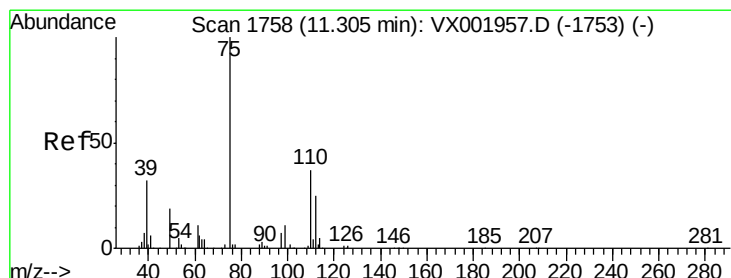
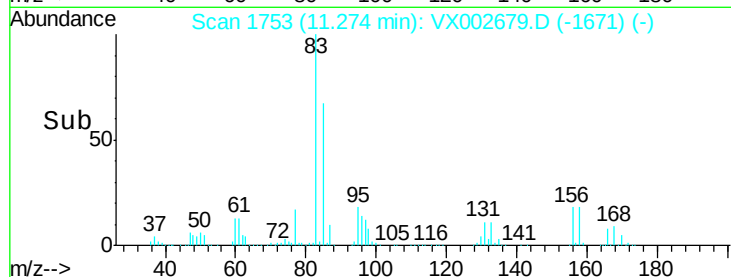
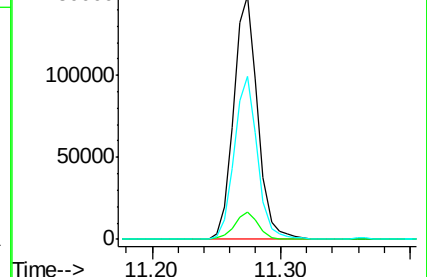
85 65.0 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 58.367 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002679.D

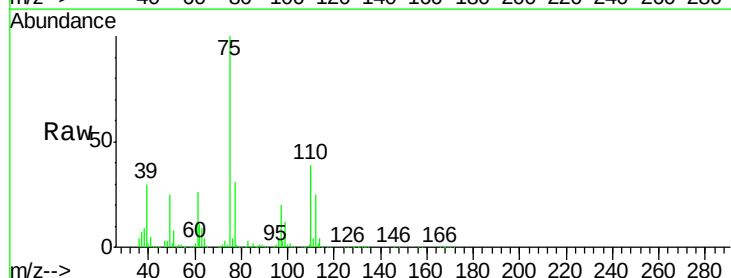
Acq: 18 Jun 2018 13:36

Tgt Ion: 75 Resp: 233180

Ion Ratio Lower Upper

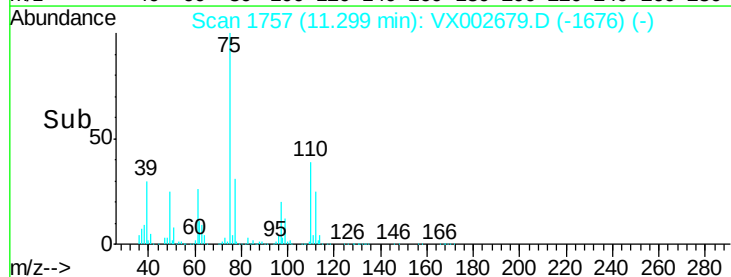
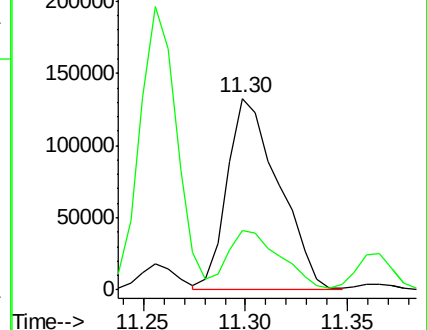
75 100

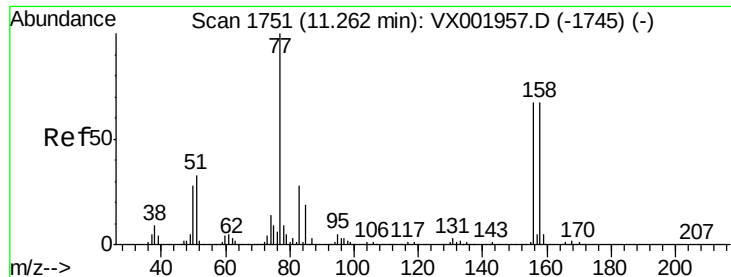
77 30.0 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 50.301 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

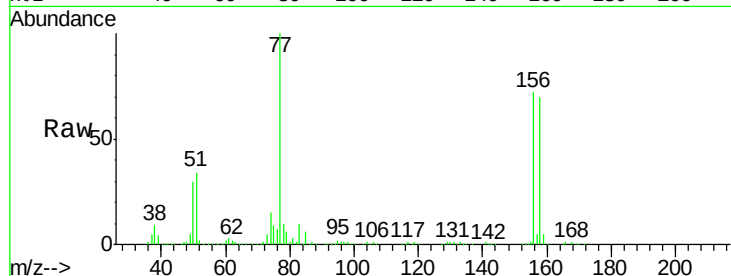
Tot Ion:156 Resp: 182837

Ion Ratio Lower Upper

156 100

77 134.8 0.0 301.0

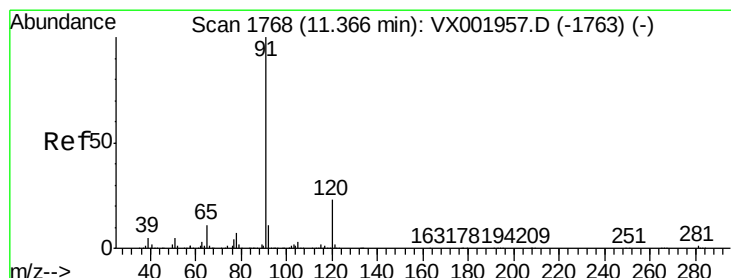
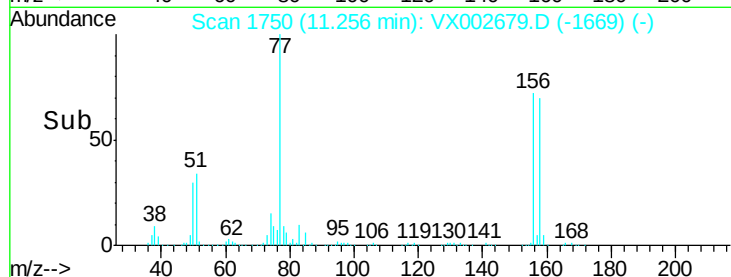
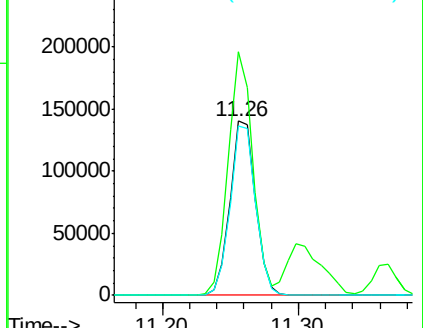
158 96.8 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 50.303 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002679.D

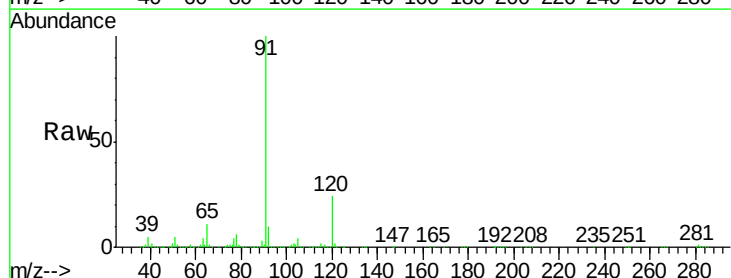
Acq: 18 Jun 2018 13:36

Tgt Ion: 91 Resp: 759886

Ion Ratio Lower Upper

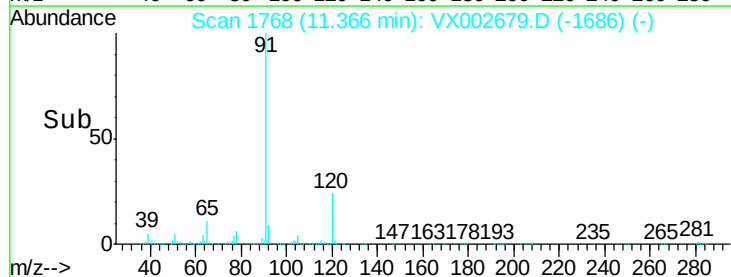
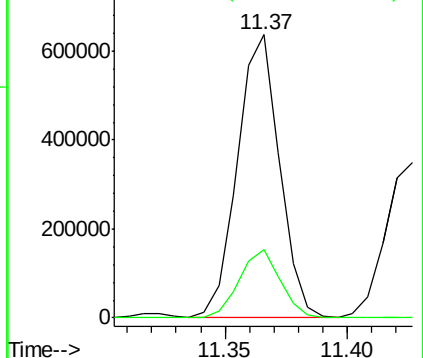
91 100

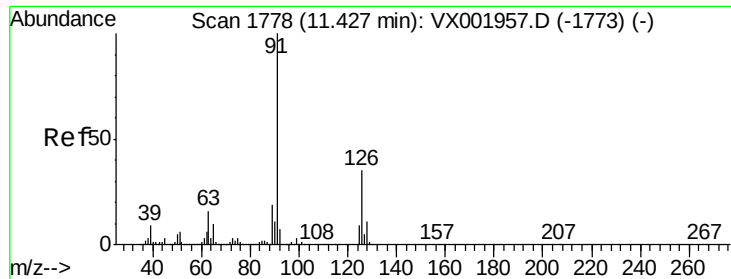
120 23.5 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 47.374 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

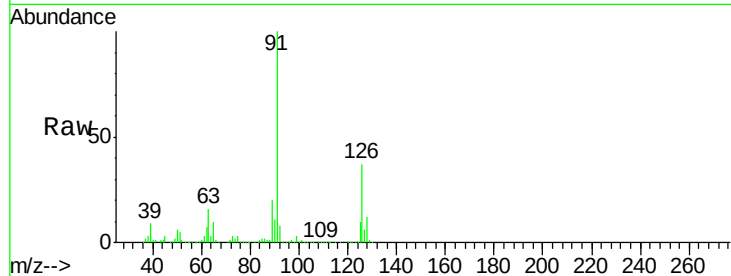
ClientSampled :

Tot Ion: 91 Resp: 441351

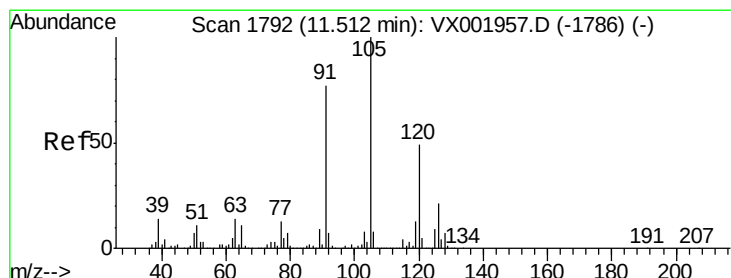
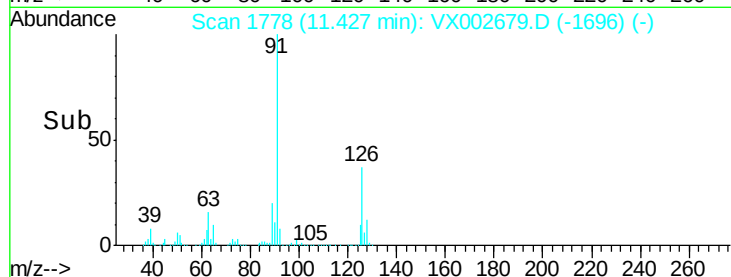
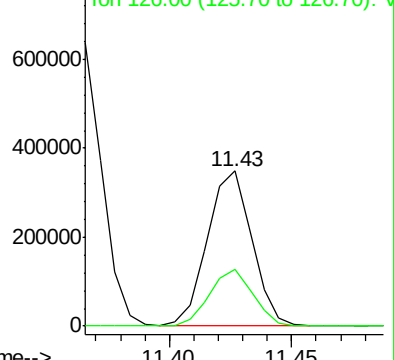
Ion Ratio Lower Upper

91 100

126 36.1 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX001957.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 48.760 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002679.D

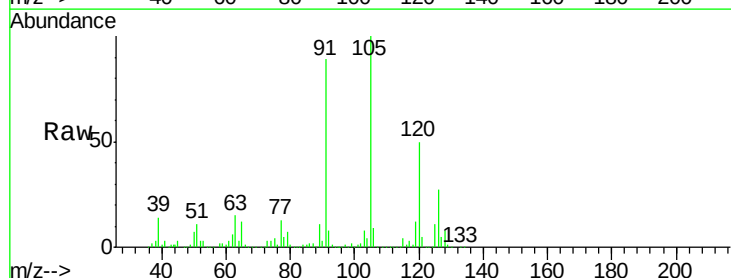
Acq: 18 Jun 2018 13:36

Tgt Ion: 105 Resp: 561035

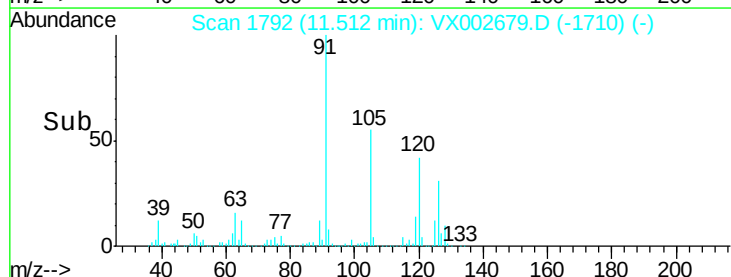
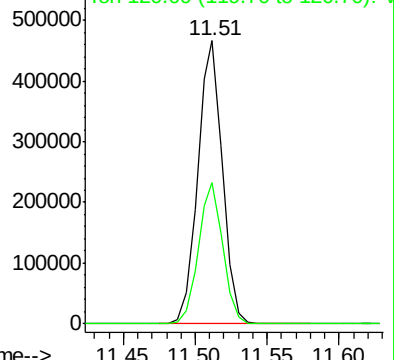
Ion Ratio Lower Upper

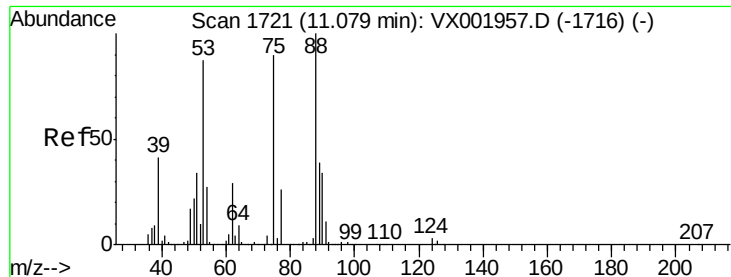
105 100

120 49.2 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX001957.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 38.643 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampleId :

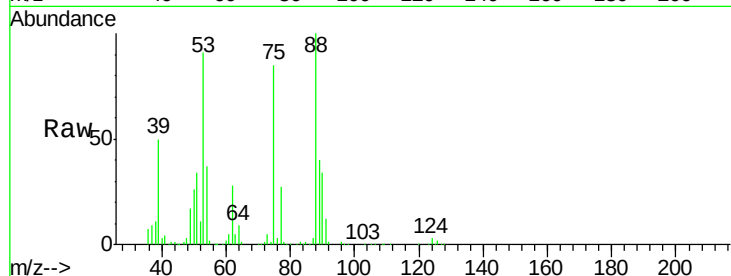
Tot Ion: 75 Resp: 55931

Ion Ratio Lower Upper

75 100

53 107.0 48.3 144.9

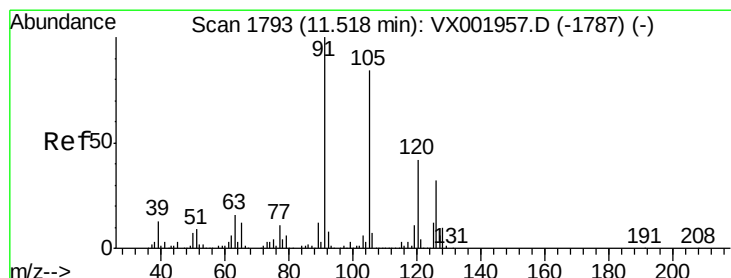
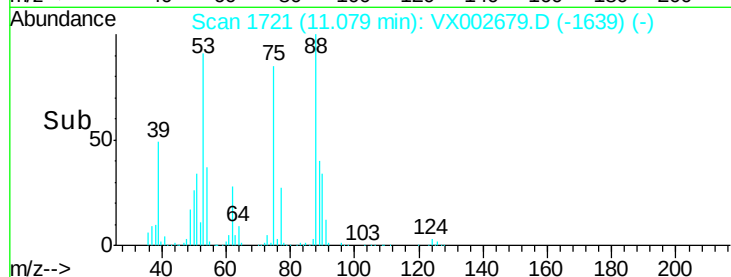
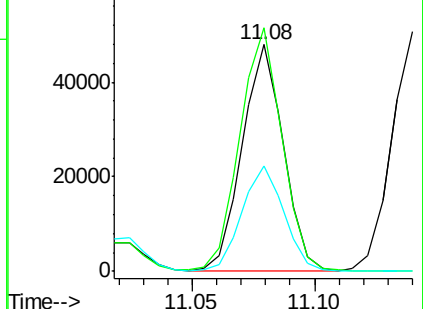
89 46.3 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 49.397 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002679.D

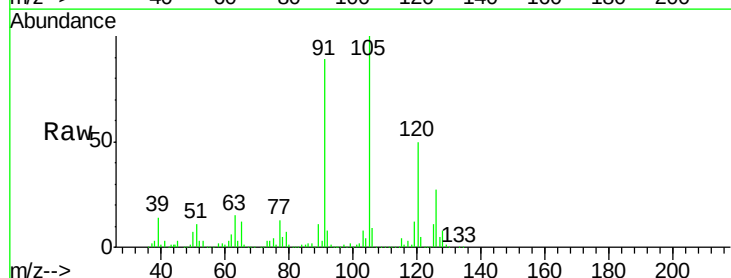
Acq: 18 Jun 2018 13:36

Tgt Ion: 91 Resp: 523374

Ion Ratio Lower Upper

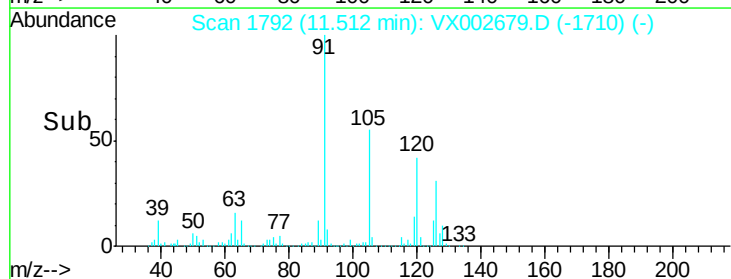
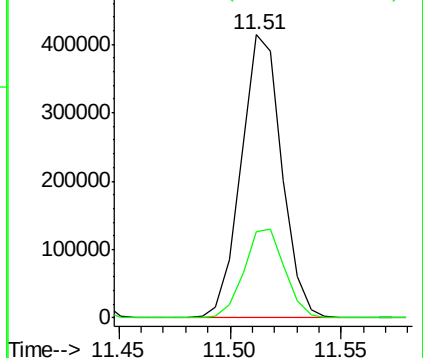
91 100

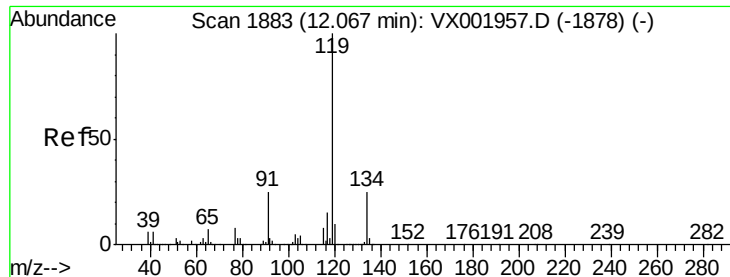
126 31.7 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

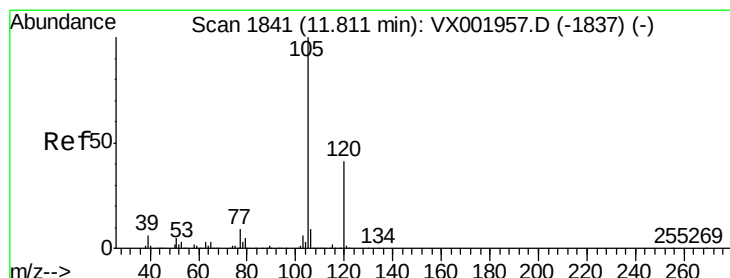
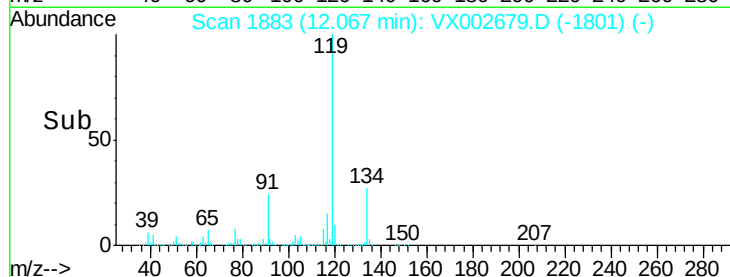
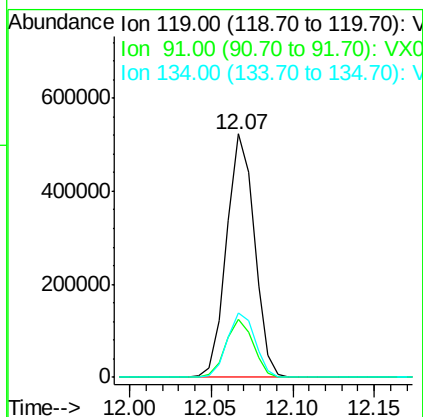
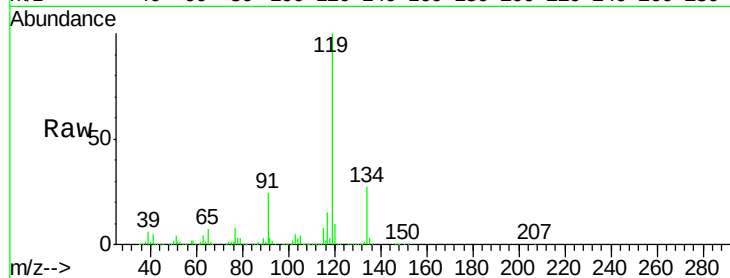




#79
tert-butylbenzene
Concen: 51.433 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

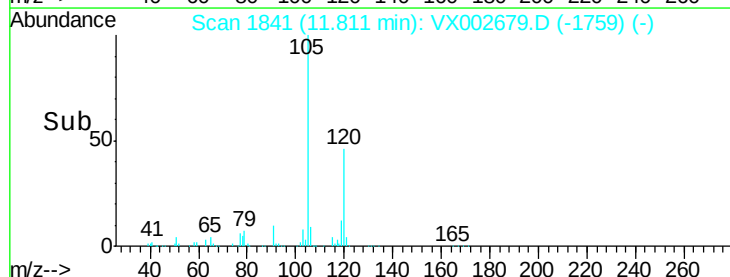
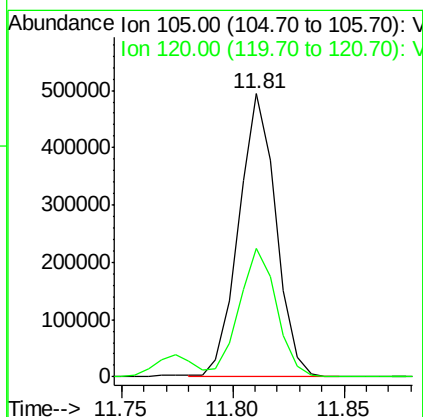
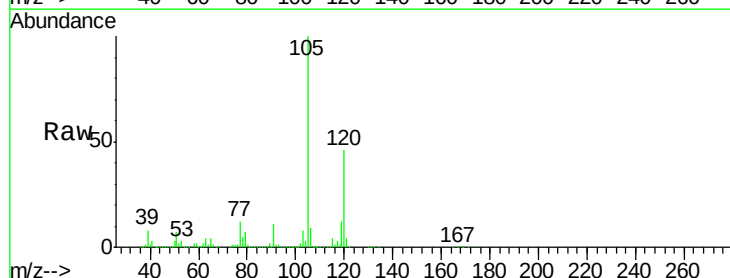
Instrument :
MSVOA_X
ClientSampleId :

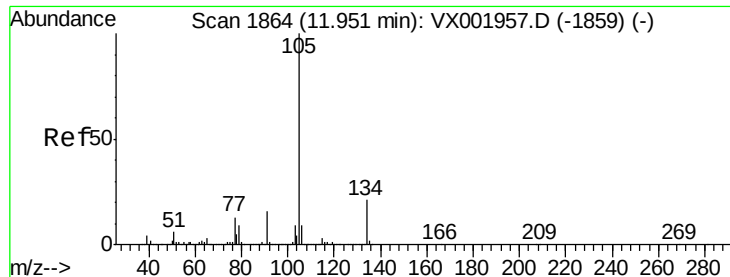
Tot Ion	Ratio	Lower	Upper
119	100		
91	23.6	0.0	48.0
134	26.9	0.0	52.6



#80
1,2,4-Trimethylbenzene
Concen: 49.464 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002679.D
Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	89.2





#81

sec-Butylbenzene

Concen: 50.620 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

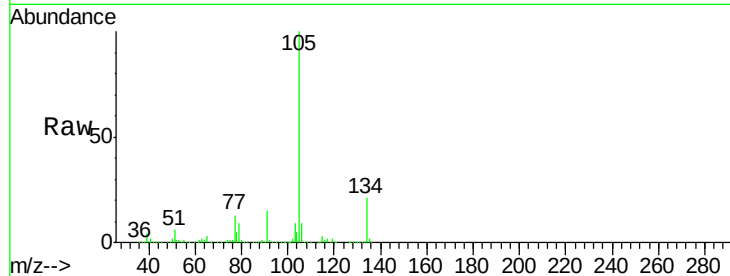
ClientSampleId :

Tot Ion:105 Resp: 682703

Ion Ratio Lower Upper

105 100

134 21.1 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

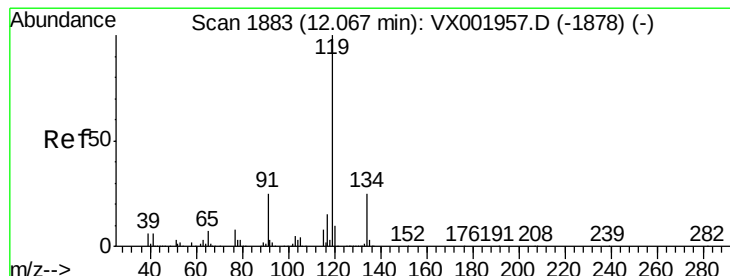
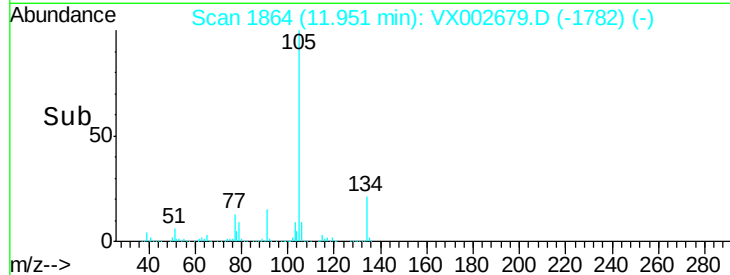
600000

400000

200000

0

Time--> 11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 51.433 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

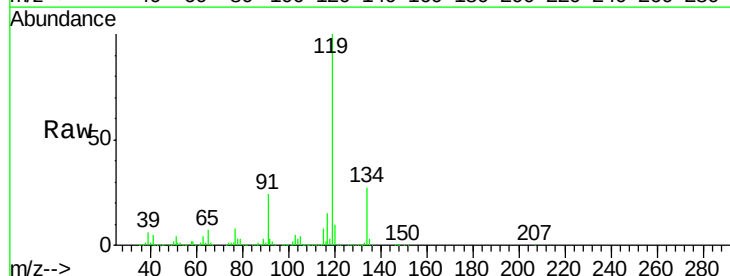
Tgt Ion:119 Resp: 620534

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.6

91 23.6 0.0 48.0



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

12.07

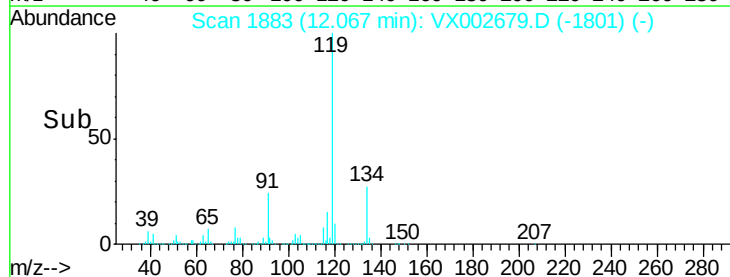
600000

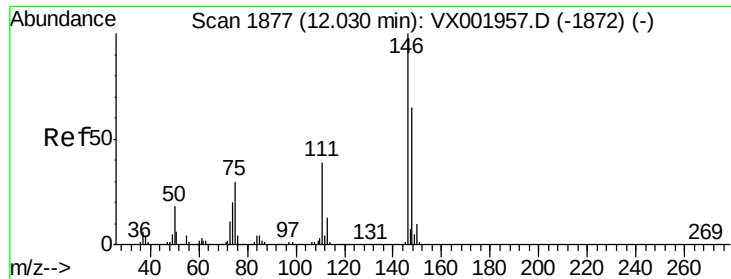
400000

200000

0

Time--> 12.00 12.05 12.10 12.15

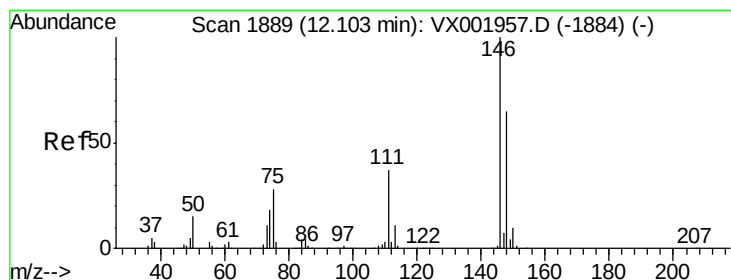
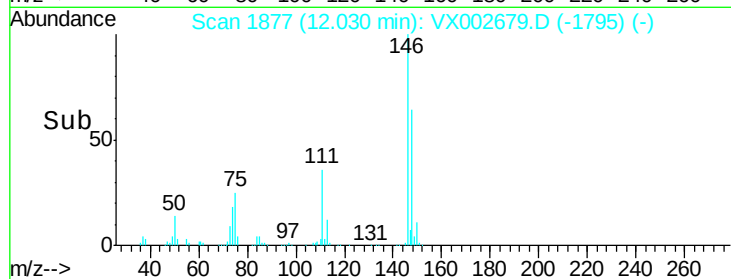
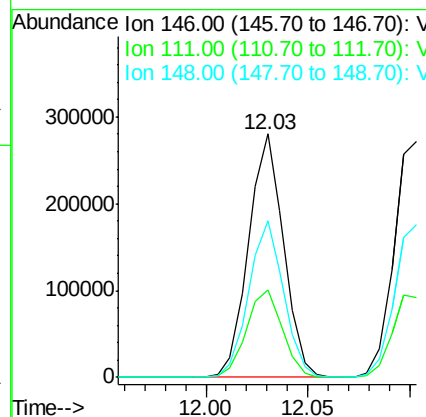
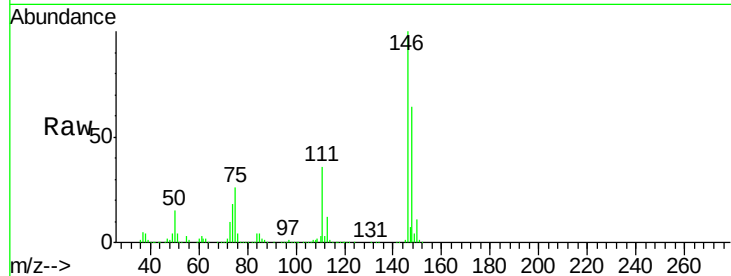




#83
 1,3-Dichlorobenzene
 Concen: 51.833 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

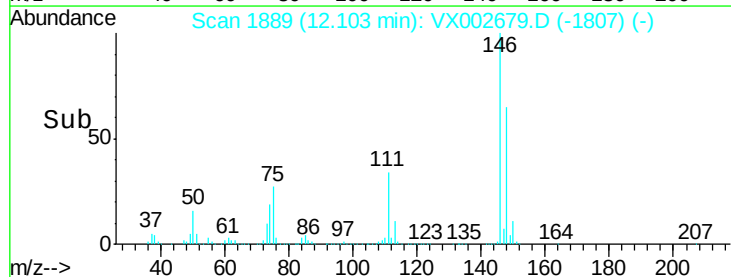
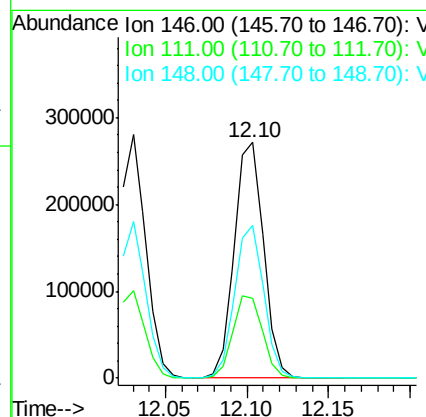
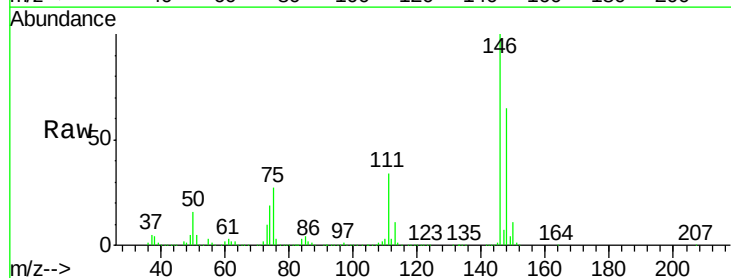
Instrument :
 MSVOA_X
 ClientSampleId :

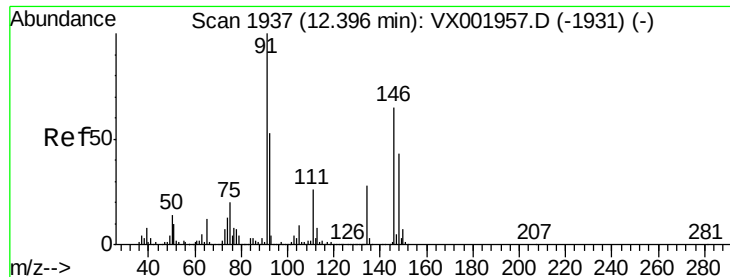
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.5
148	64.0	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 52.975 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.5	55.5
148	64.3	32.0	96.0





#85

n-Butylbenzene

Concen: 54.355 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Instrument :

MSVOA_X

ClientSampled :

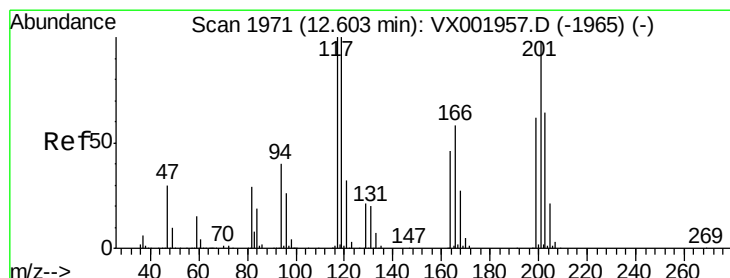
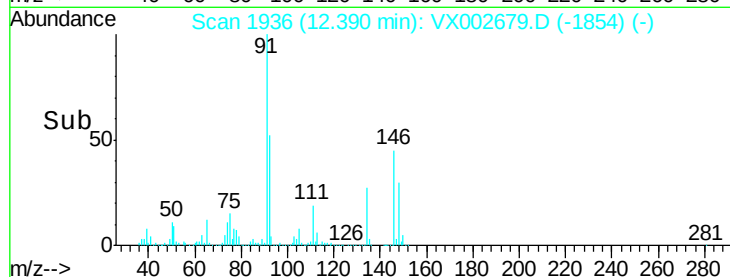
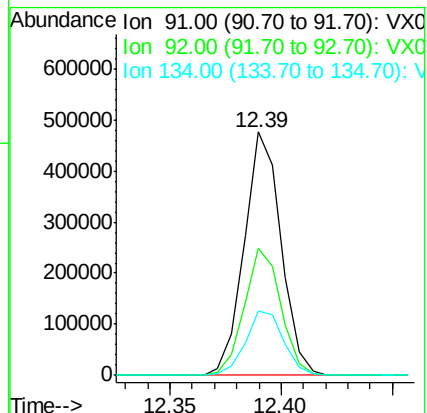
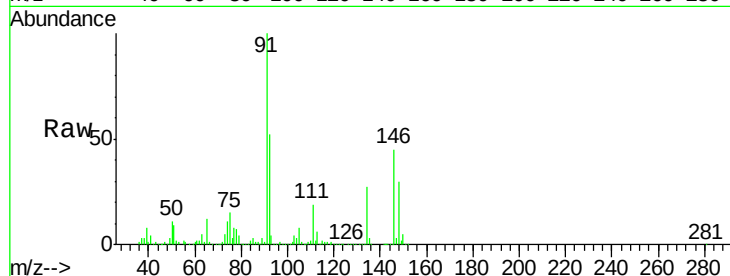
Tot Ion: 91 Resp: 549970

Ion Ratio Lower Upper

91 100

92 51.9 0.0 105.2

134 27.4 0.0 53.2



#86

Hexachloroethane

Concen: 39.425 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002679.D

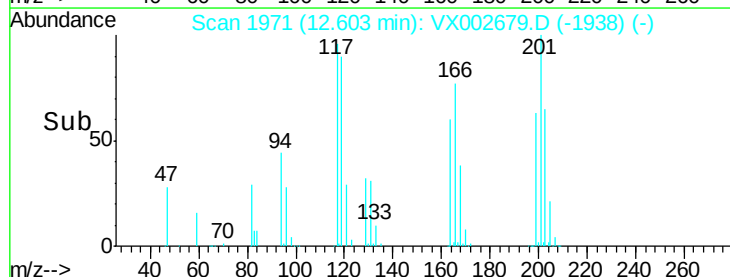
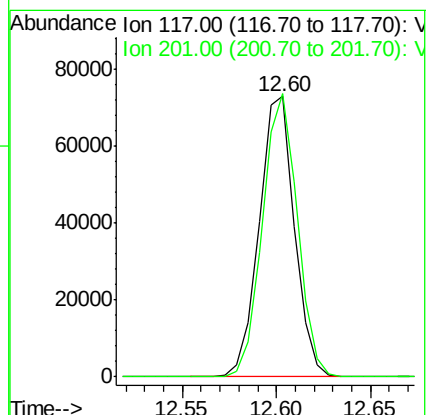
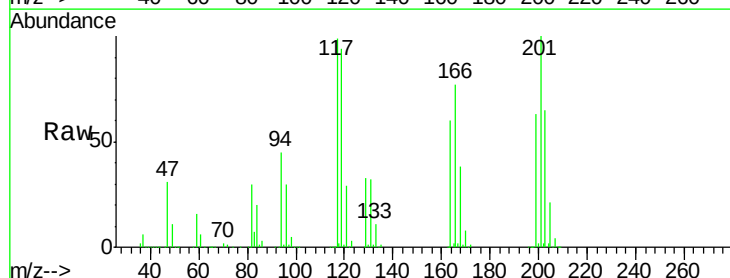
Acq: 18 Jun 2018 13:36

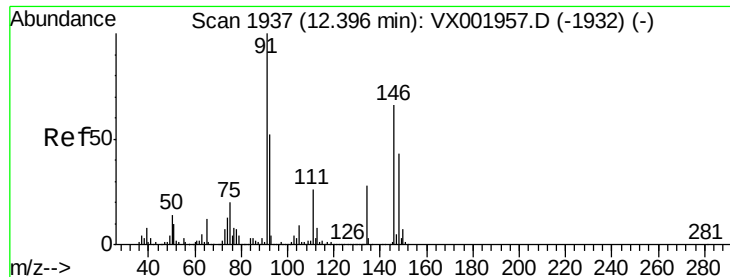
Tgt Ion: 117 Resp: 94654

Ion Ratio Lower Upper

117 100

201 99.4 47.6 142.8

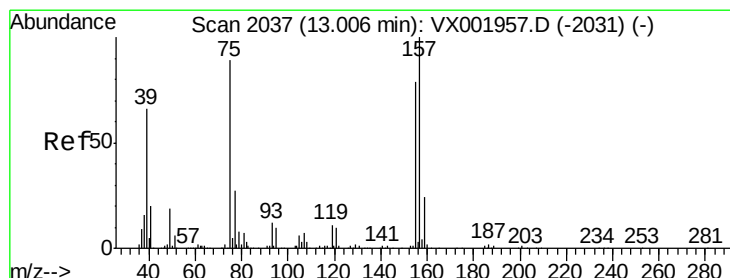
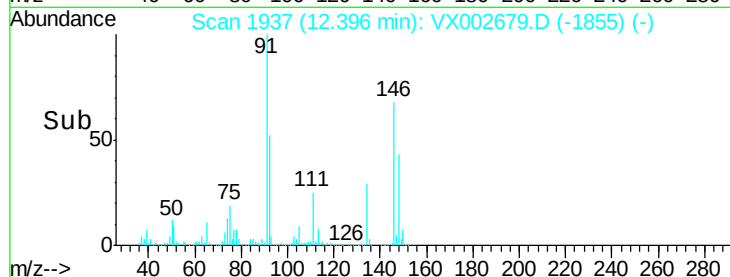
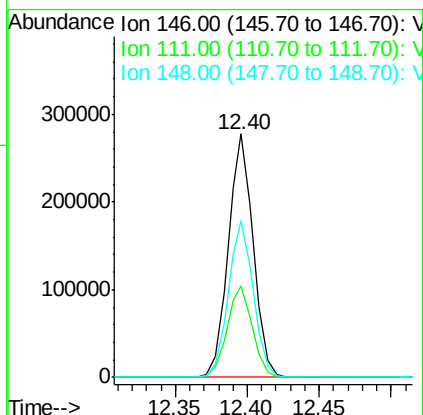
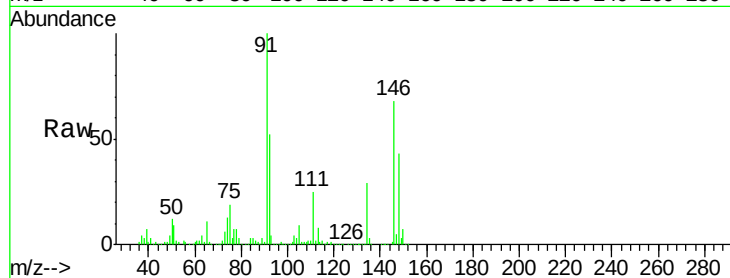




#87
 1,2-Dichlorobenzene
 Concen: 50.787 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

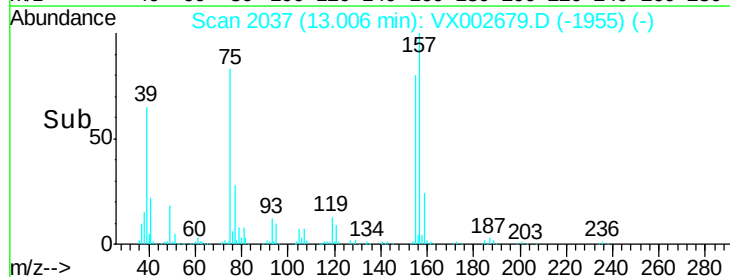
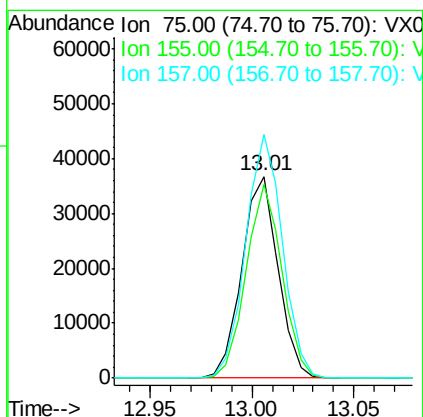
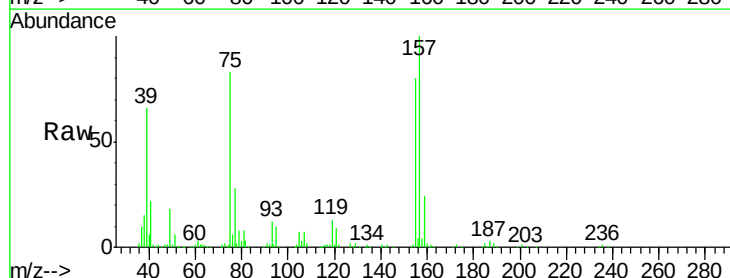
Instrument :
 MSVOA_X
 ClientSampleId :

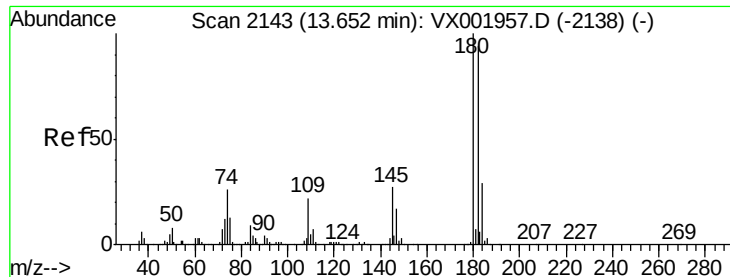
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.0	59.9
148	64.2	32.8	98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 36.748 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	73.1	109.7
157	122.5	93.1	139.7

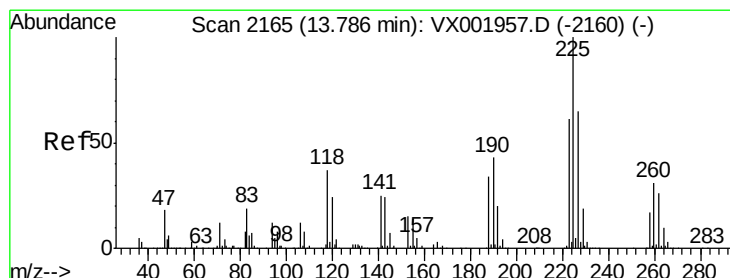
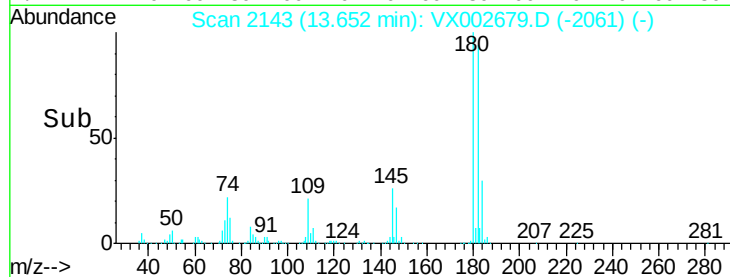
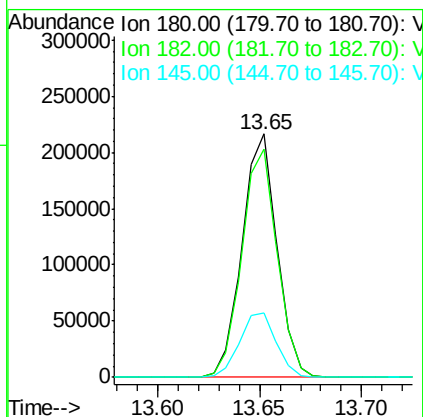
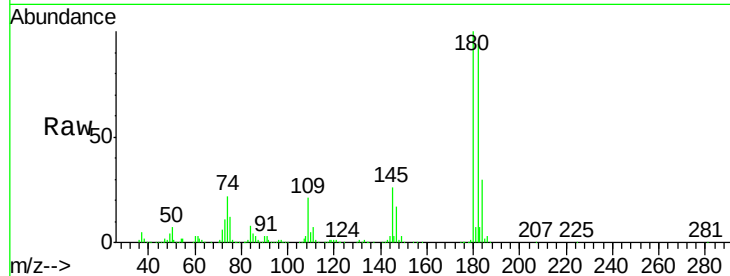




#89
 1,2,4-Trichlorobenzene
 Concen: 54.426 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

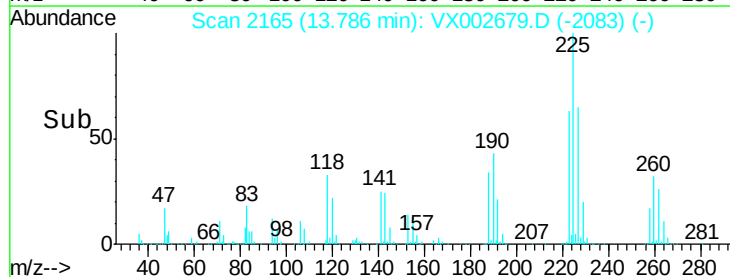
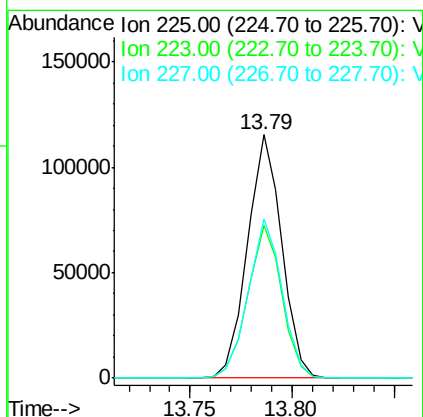
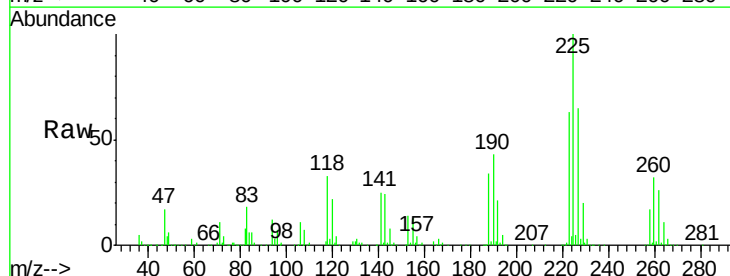
Instrument :
 MSVOA_X
 ClientSampled :

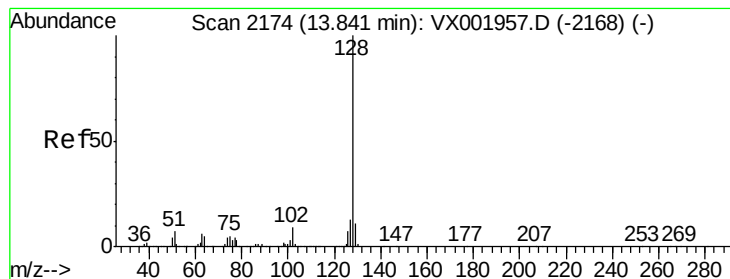
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	27.8	22.9	34.3



#90
 Hexachlorobutadiene
 Concen: 53.827 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002679.D
 Acq: 18 Jun 2018 13:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	0.0	122.4
227	64.4	0.0	128.0





#91

Naphthalene

Concen: 47.147 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

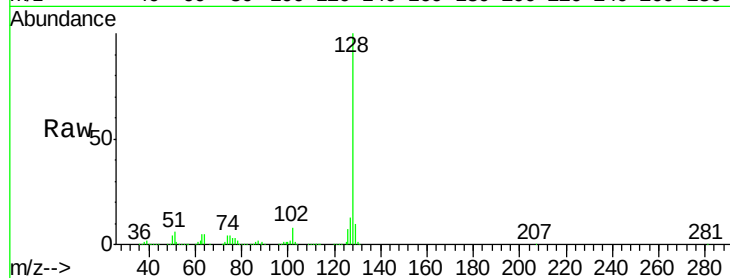
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 700907

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

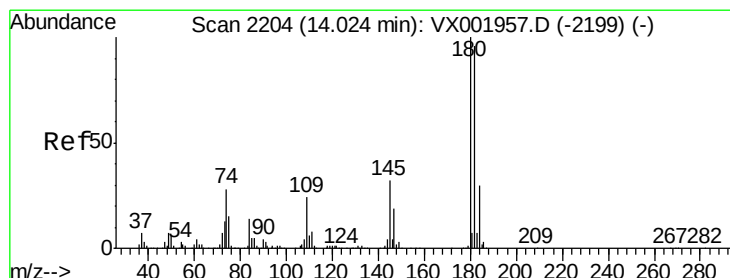
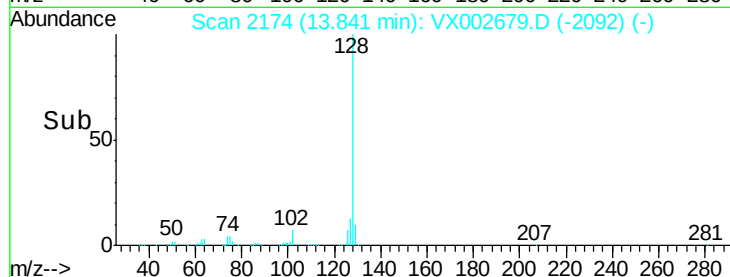
13.84

400000

200000

0

Time-->



#92

1,2,3-Trichlorobenzene

Concen: 52.586 ug/l

RT: 14.02 min Scan# 2204

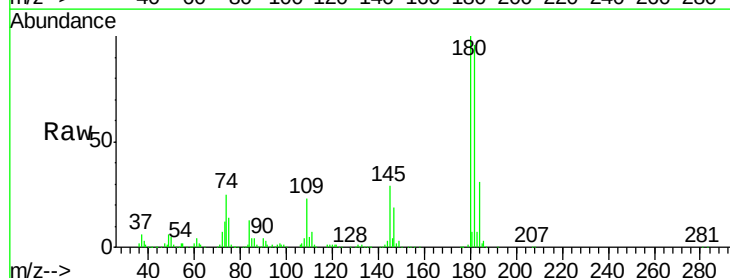
Delta R.T. -0.00 min

Lab File: VX002679.D

Acq: 18 Jun 2018 13:36

Tgt Ion:180 Resp: 258755

Ion	Ratio	Lower	Upper
180	100		
182	95.4	0.0	191.0
145	29.1	0.0	60.6



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

14.02

250000

200000

150000

100000

50000

0

Time-->

