

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002678.D
 Acq On : 18 Jun 2018 13:10
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 18 15:00:34 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	44848	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	247168	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	231087	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	102635	29.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.93%
60) 4-Bromofluorobenzene	11.14	95	111408	28.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.87%
63) Toluene-d8	8.72	98	307608	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	42428	17.820	ug/l 99
3) Chloromethane	1.32	50	47660	16.828	ug/l 97
4) Vinyl Chloride	1.41	62	52709	18.708	ug/l 99
5) Bromomethane	1.64	94	30289	19.189	ug/l 98
6) Chloroethane	1.73	64	35947	21.567	ug/l 95
7) Trichlorofluoromethane	1.93	101	95041	22.117	ug/l 100
8) Diethyl Ether	2.19	74	33509	20.719	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52909	22.863	ug/l 98
10) 1,1-Dichloroethene	2.38	96	47034	21.080	ug/l 93
11) Methyl Iodide	2.51	142	44824	12.787	ug/l 97
12) Methyl Acetate	2.78	43	80505	22.259	ug/l 99
13) Acrolein	2.30	56	22960	74.564	ug/l 98
14) Acrylonitrile	3.15	53	145977	98.106	ug/l 99
15) Acetone	2.45	58	42434	106.976	ug/l 99
16) Carbon Disulfide	2.57	76	112328	17.630	ug/l 99
17) Allyl chloride	2.73	41	94604	20.542	ug/l 89
18) Methylene Chloride	2.86	84	53914	21.498	ug/l 99
19) trans-1,2-Dichloroethene	3.17	96	50257	21.303	ug/l 100
20) Diisopropyl ether	3.88	45	169671	19.296	ug/l 99
21) 1,1-Dichloroethane	3.70	63	100940	21.566	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	54424	19.349	ug/l # 79
23) tert-Butyl Alcohol	3.07	59	68780	89.120	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	176613	20.278	ug/l 98
25) Chloroform	5.22	83	95575	19.421	ug/l 95
26) Cyclohexane	5.58	56	79780	18.520	ug/l # 95
29) 1,1-Dichloropropene	5.81	75	67972	19.656	ug/l 99
30) 2-Butanone	4.71	43	198113	82.133	ug/l 97
31) 2,2-Dichloropropane	4.59	77	73369	24.141	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	82138	18.186	ug/l 100
33) Carbon Tetrachloride	5.79	117	71475	17.415	ug/l 95
34) Benzene	6.15	78	202401	19.383	ug/l 98
35) Methacrylonitrile	5.07	41	43470	16.275	ug/l 98
36) 1,2-Dichloroethane	6.20	62	79930	19.647	ug/l 99
37) Trichloroethene	7.21	130	58572	19.773	ug/l 89
38) Methylcyclohexane	7.46	83	80294	19.901	ug/l 99
39) 1,2-Dichloropropane	7.52	63	53633	18.996	ug/l 98
40) Dibromomethane	7.66	93	36606	19.325	ug/l 98

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 ClientSampleId :

Quant Time: Jun 18 15:00:34 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)
41) Bromodichloromethane	7.90	83	66572	16.940	ug/l	97
42) Vinyl Acetate	3.83	43	722822	94.720	ug/l	99
43) Ethyl Acetate	4.86	43	76175	16.089	ug/l	100
44) Isopropyl Acetate	6.47	43	123700	15.712	ug/l	100
45) 1,4-Dioxane	7.76	88	25565	341.333	ug/l #	85
46) Methyl methacrylate	7.78	41	64228	16.110	ug/l	96
47) n-amyl Acetate	10.90	43	111556	15.402	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	78665	17.813	ug/l	100
49) cis-1,3-Dichloropropene	9.04	75	70157	16.410	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	53611	19.714	ug/l	98
51) Ethyl methacrylate	9.18	69	79051	16.781	ug/l	96
52) 1,3-Dichloropropane	9.38	76	88152	19.217	ug/l	100
53) Dibromochloromethane	9.59	129	53127	15.991	ug/l	98
54) 1,2-Dibromoethane	9.68	107	55903	18.987	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	190243	86.038	ug/l	98
56) Bromoform	10.86	173	40611	13.901	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	404260	80.388	ug/l	98
59) 2-Hexanone	9.50	43	310961	79.687	ug/l	100
61) Tetrachloroethene	9.34	164	64756	18.372	ug/l	98
62) Toluene	8.79	91	229374	19.436	ug/l	99
64) Chlorobenzene	10.14	112	150903	19.757	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	54681	17.592	ug/l	99
66) Ethyl Benzene	10.26	91	256570	19.344	ug/l	100
67) m/p-Xylenes	10.36	106	197465	39.217	ug/l	98
68) o-Xylene	10.70	106	95546	18.946	ug/l	99
69) Styrene	10.71	104	156469	18.482	ug/l	99
70) Isopropylbenzene	11.02	105	264310	19.578	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	79926	18.889	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	90745	22.769	ug/l	94
73) Bromobenzene	11.26	156	72772	20.069	ug/l	94
74) n-propylbenzene	11.37	91	305948	20.302	ug/l	99
75) 2-Chlorotoluene	11.43	91	178096	19.162	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	221920	19.334	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	20593	14.262	ug/l	92
78) 4-Chlorotoluene	11.51	91	204727	19.369	ug/l	97
79) tert-butylbenzene	12.07	119	243655	20.244	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	227927	19.642	ug/l	98
81) sec-Butylbenzene	11.95	105	272723	20.270	ug/l	99
82) p-Isopropyltoluene	12.07	119	243655	20.244	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	133015	20.701	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	132691	20.747	ug/l	99
85) n-Butylbenzene	12.39	91	209190	20.724	ug/l	99
86) Hexachloroethane	12.60	117	34536	14.420	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	134896	20.383	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	16421	13.324	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	100956	21.479	ug/l	97
90) Hexachlorobutadiene	13.79	225	51768	20.706	ug/l	99
91) Naphthalene	13.84	128	268661	18.115	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	99772	20.325	ug/l	99

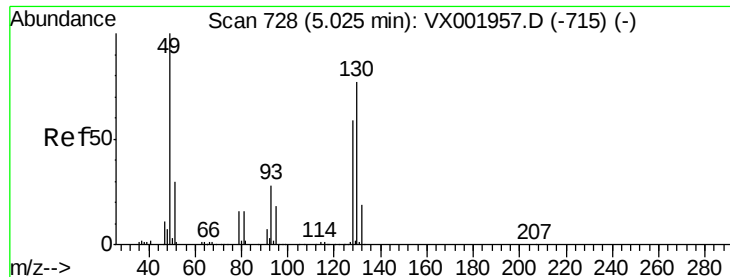
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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QLast Update : Mon Jun 18 14:58:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

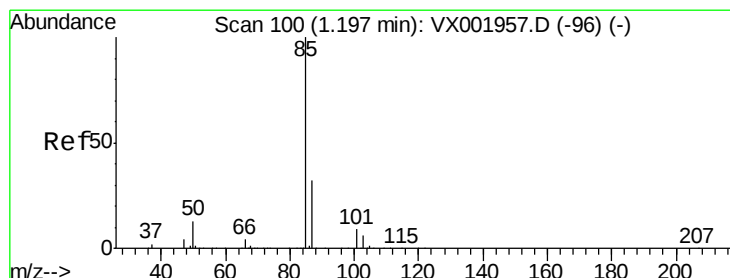
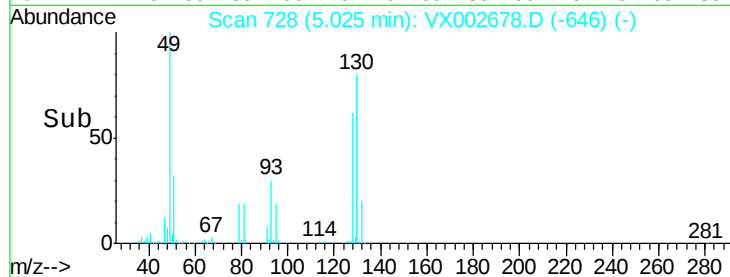
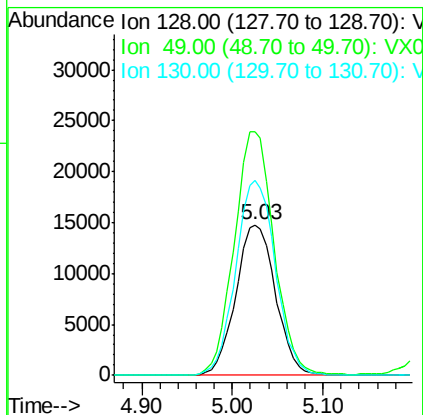
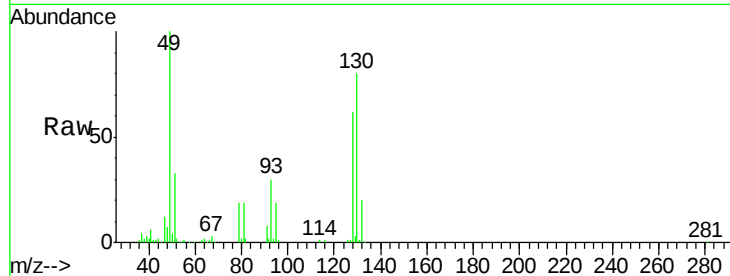


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

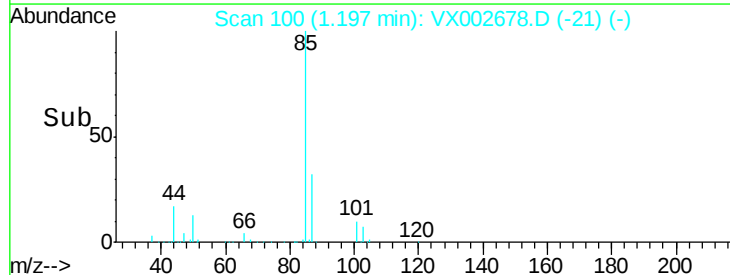
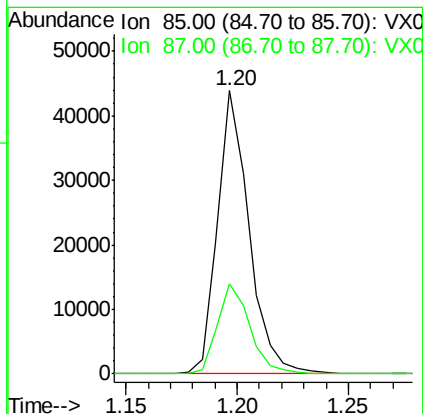
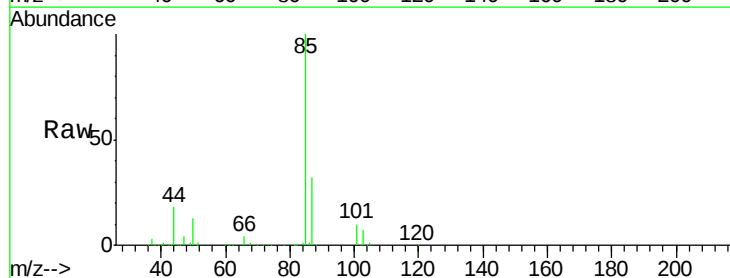
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 Ion Ratio Lower Upper
 128 100
 49 162.5 0.0 423.0
 130 129.2 0.0 324.3

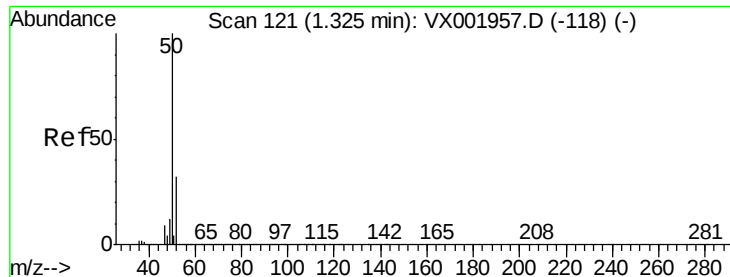


#2

Dichlorodifluoromethane
 Concen: 17.820 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 85 Resp: 42428
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.2 48.5

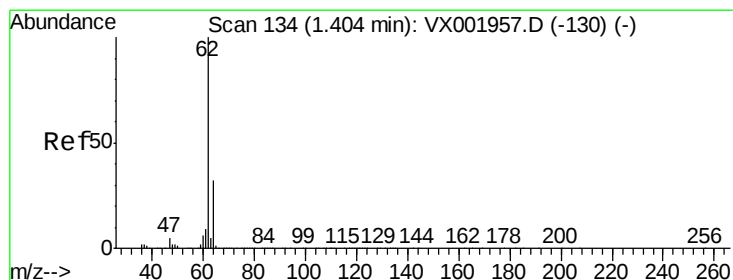
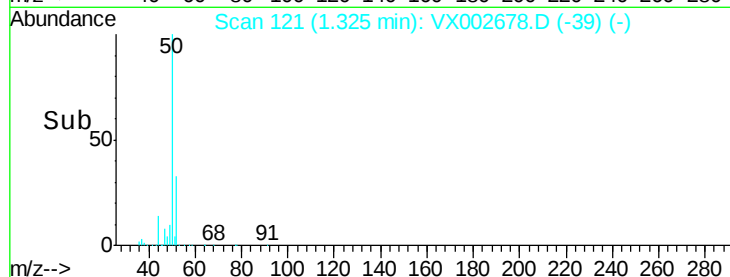
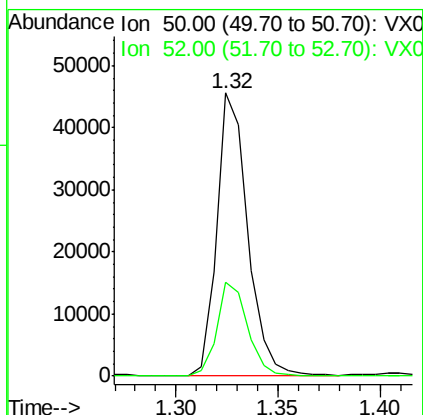
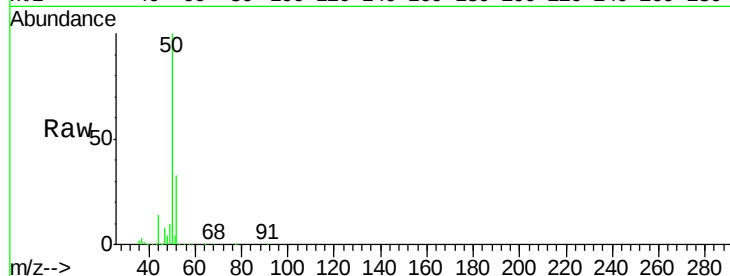




#3
Chloromethane
Concen: 16.828 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

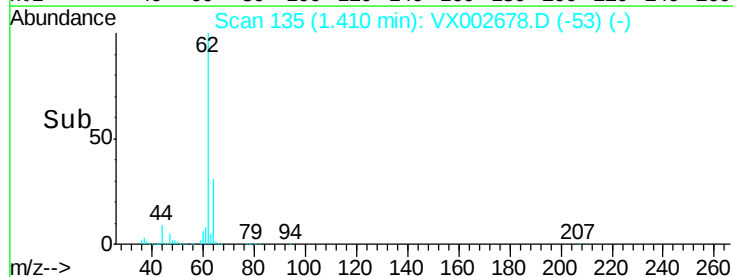
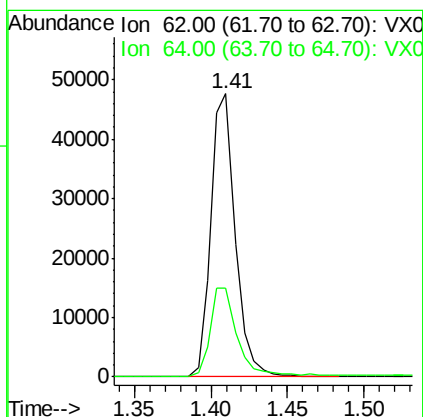
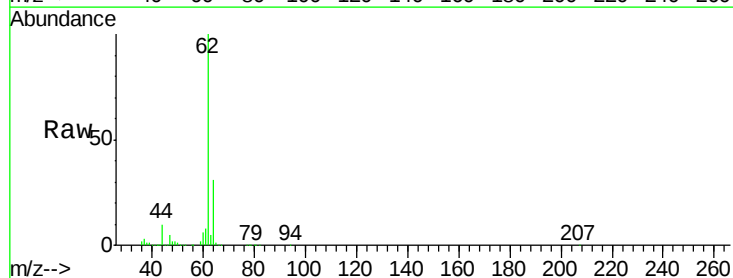
Instrument :
MSVOA_X
ClientSampled :

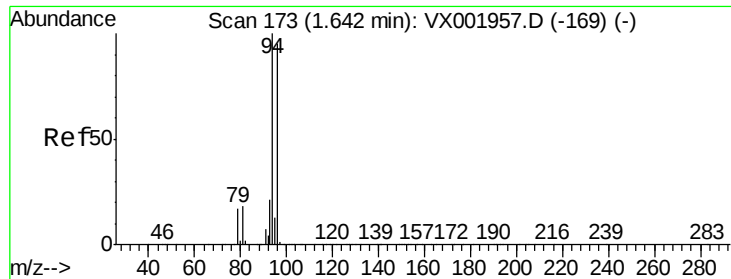
Tot Ion: 50 Resp: 47660
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 18.708 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 62 Resp: 52709
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





#5

Bromomethane

Concen: 19.189 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

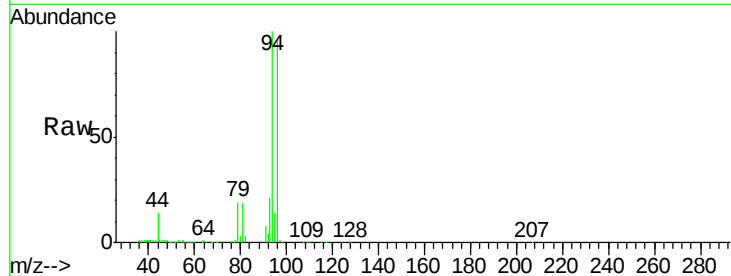
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 30289

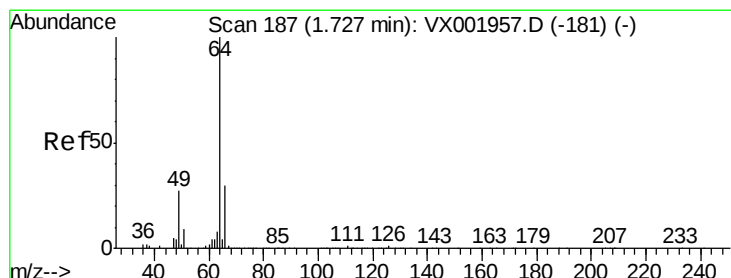
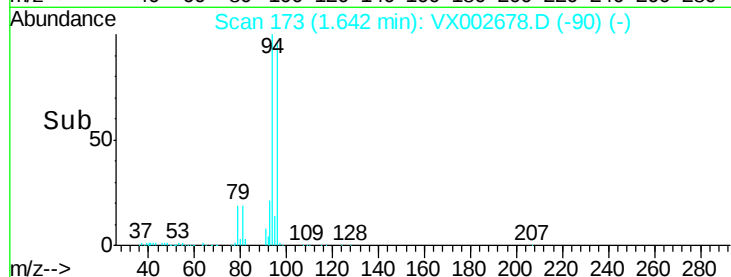
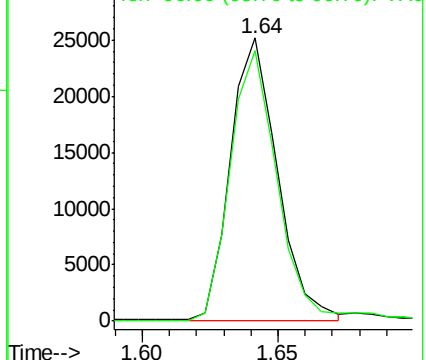
Ion Ratio Lower Upper

94 100

96 96.2 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0
Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 21.567 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002678.D

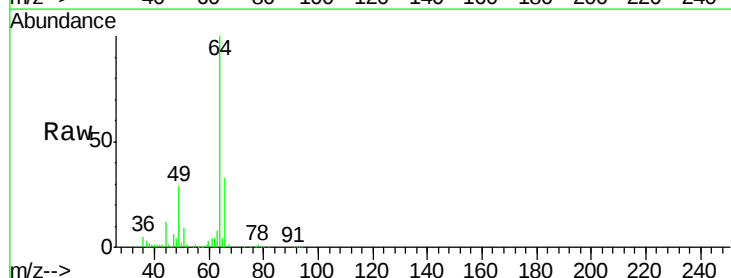
Acq: 18 Jun 2018 13:10

Tgt Ion: 64 Resp: 35947

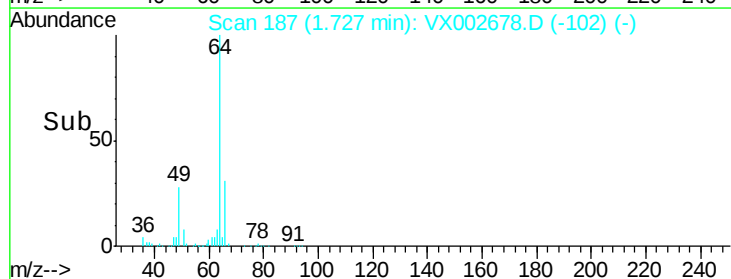
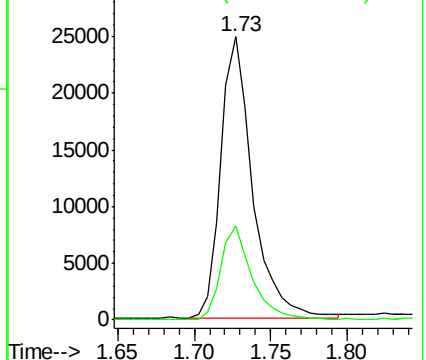
Ion Ratio Lower Upper

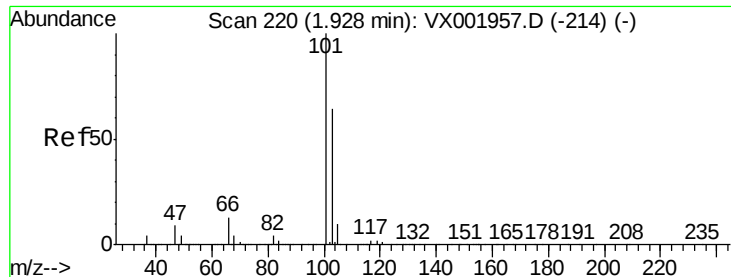
64 100

66 33.3 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0
Ion 66.00 (65.70 to 66.70): VX0



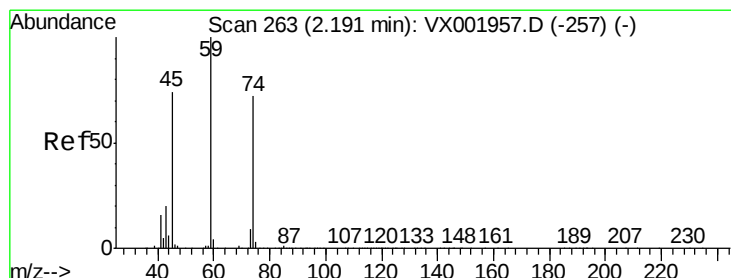
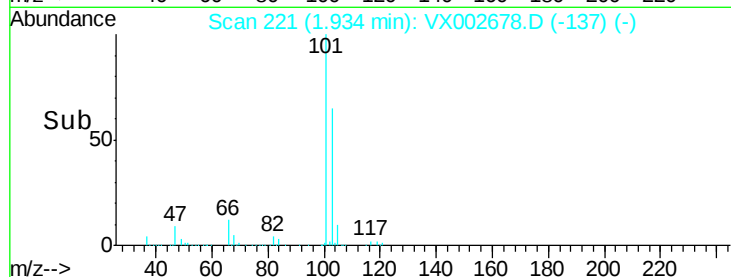
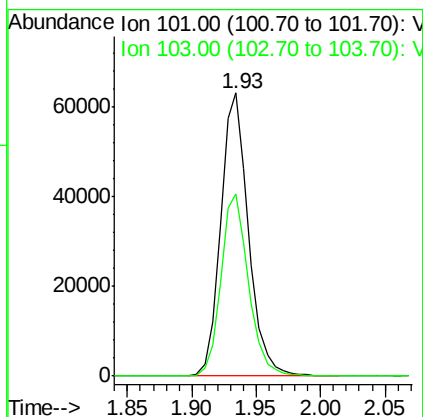
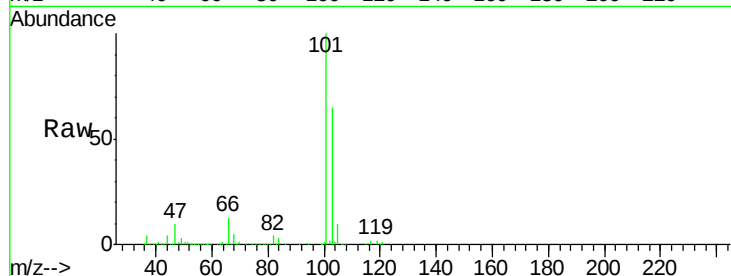


#7

Trichlorofluoromethane
Concen: 22.117 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :

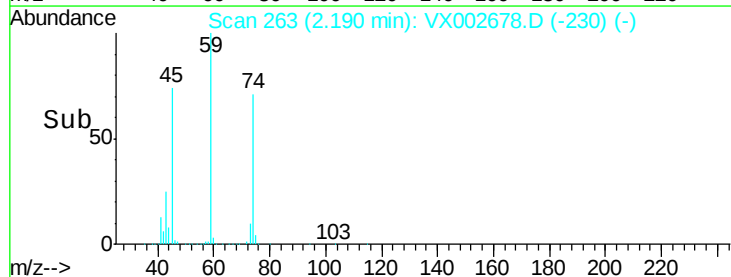
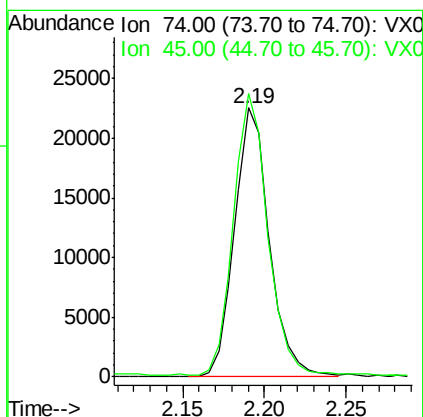
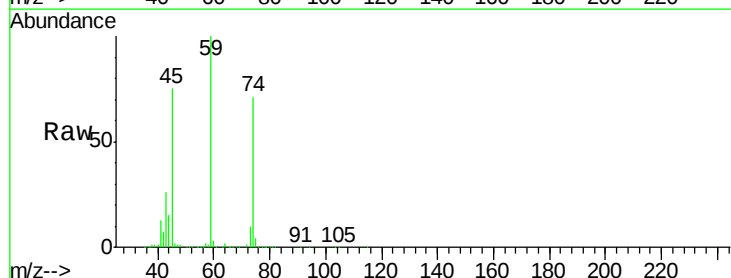
Tot Ion:101 Resp: 95041
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

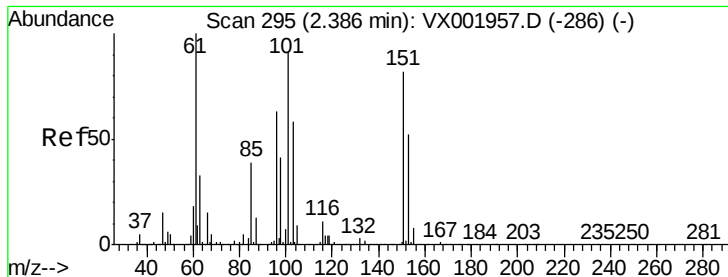


#8

Diethyl Ether
Concen: 20.719 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 74 Resp: 33509
Ion Ratio Lower Upper
74 100
45 102.1 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.863 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

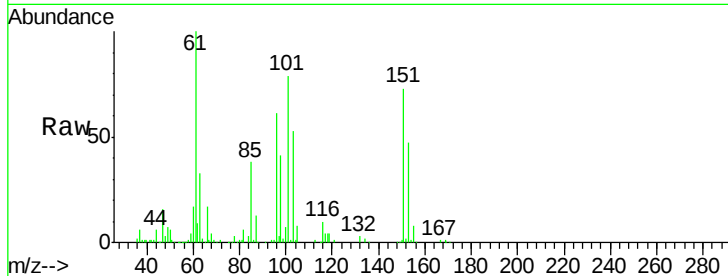
Tot Ion:101 Resp: 52909

Ion Ratio Lower Upper

101 100

85 46.7 0.0 87.0

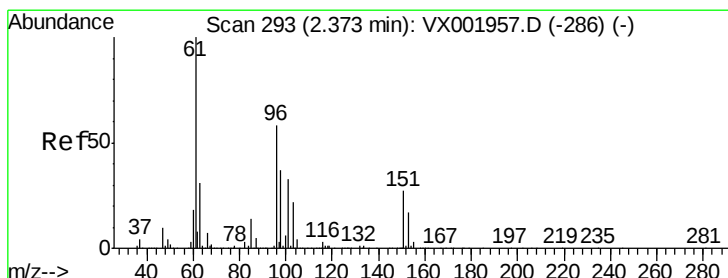
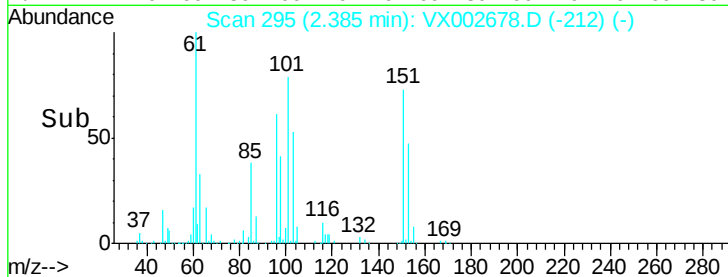
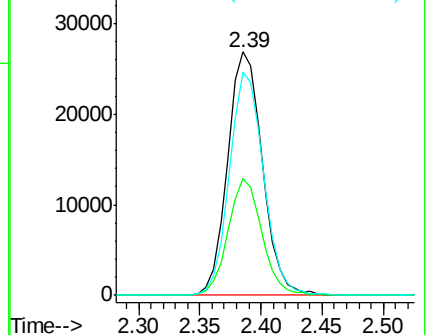
151 90.0 0.0 177.6



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: 21.080 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

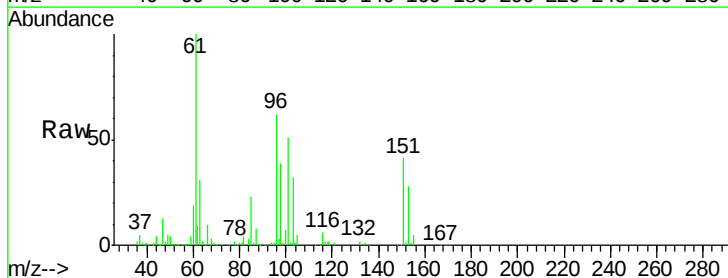
Tgt Ion: 96 Resp: 47034

Ion Ratio Lower Upper

96 100

61 160.4 137.5 206.3

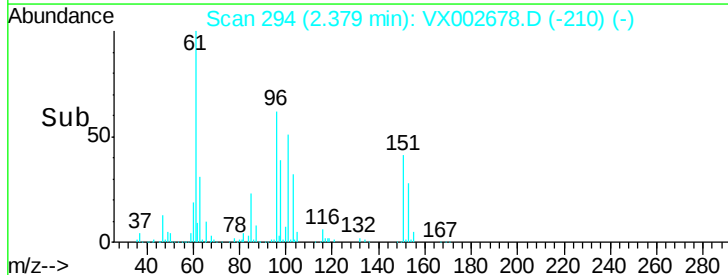
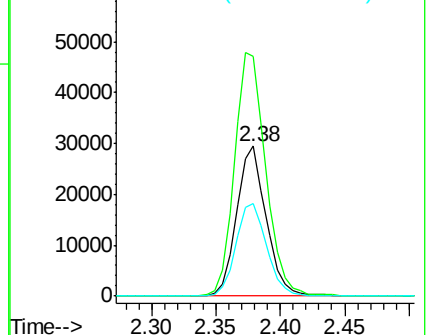
98 62.0 51.4 77.2

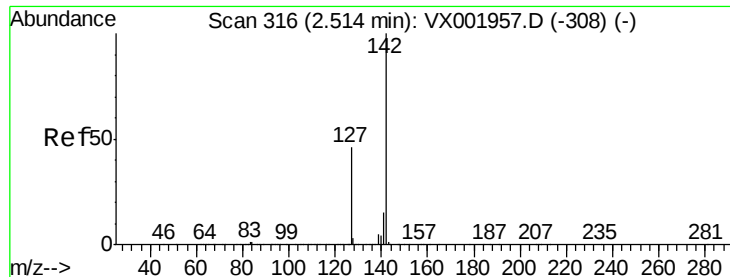


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

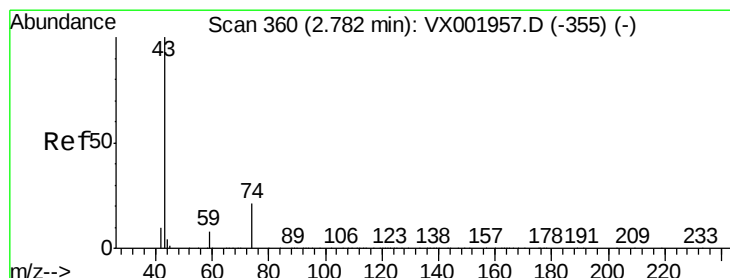
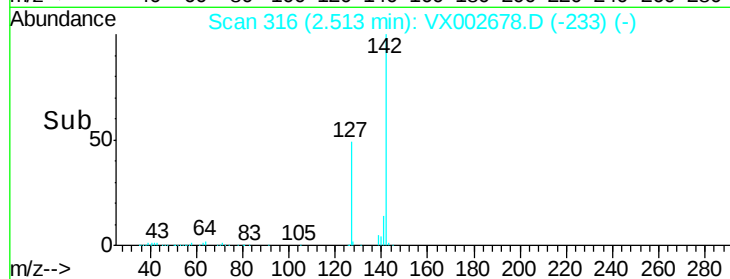
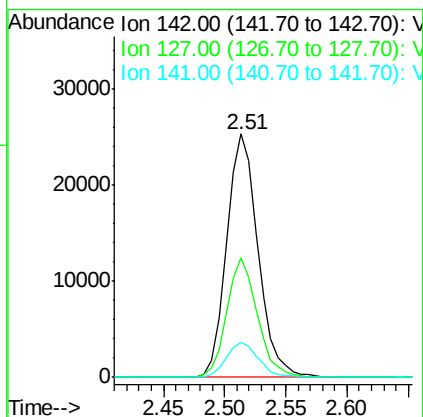
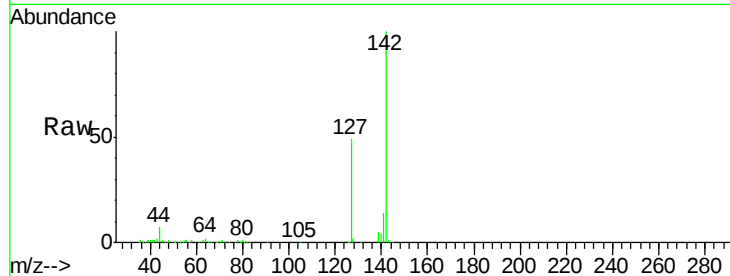




#11
Methvl Iodide
Concen: 12.787 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

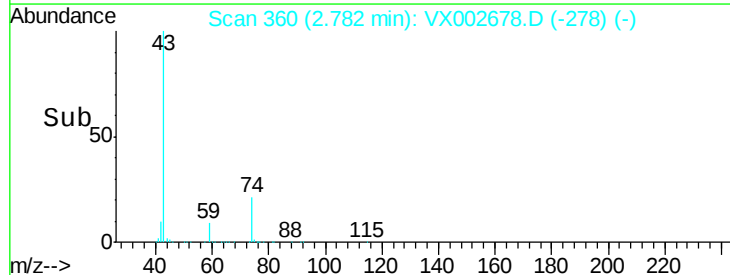
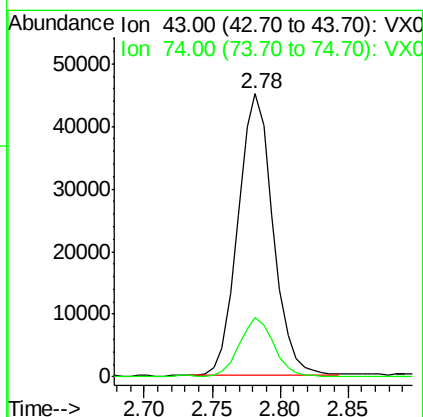
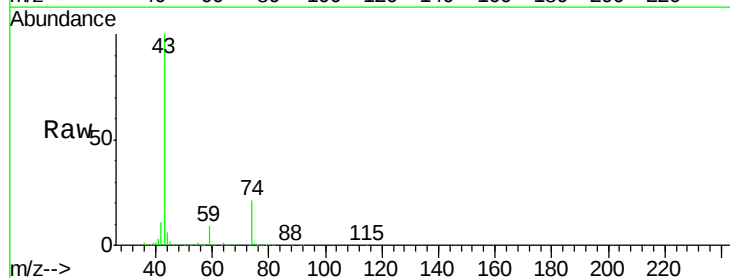
Instrument :
MSVOA_X
ClientSampleId :

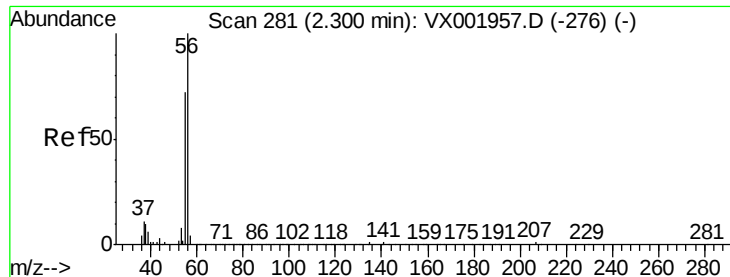
Tot Ion:142 Resp: 44824
Ion Ratio Lower Upper
142 100
127 48.9 23.2 69.6
141 14.4 7.4 22.2



#12
Methyl Acetate
Concen: 22.259 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 43 Resp: 80505
Ion Ratio Lower Upper
43 100
74 20.7 16.4 24.6





#13

Acrolein

Concen: 74.564 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

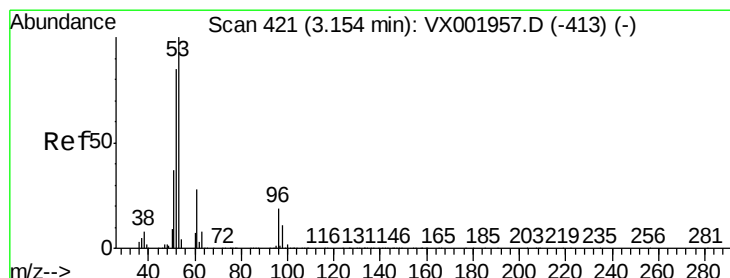
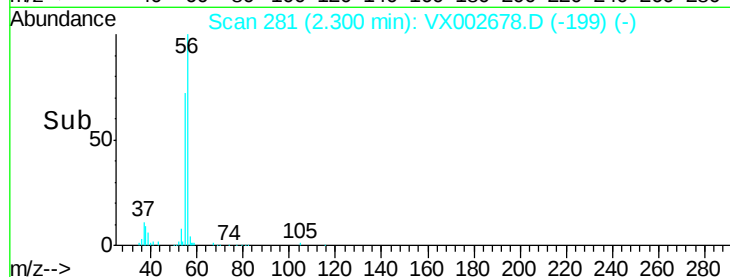
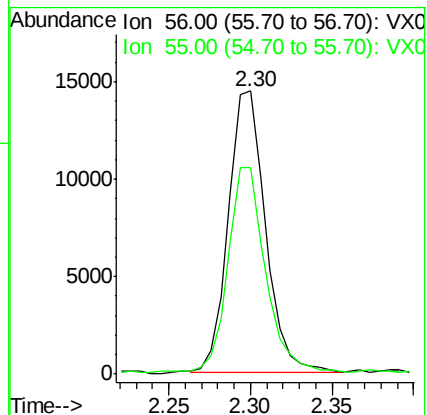
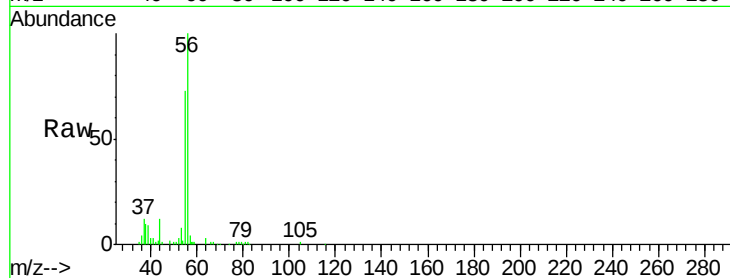
ClientSampleId :

Tot Ion: 56 Resp: 22960

Ion Ratio Lower Upper

56 100

55 73.1 57.3 85.9



#14

Acrylonitrile

Concen: 98.106 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

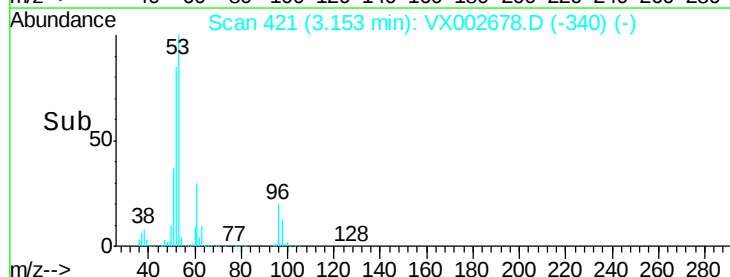
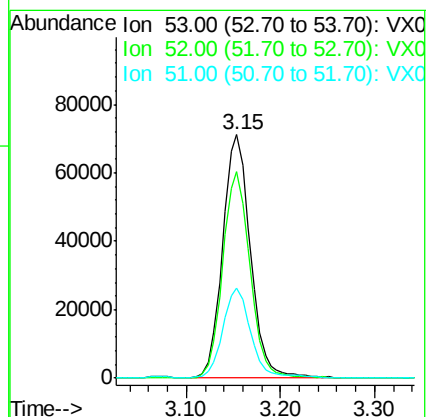
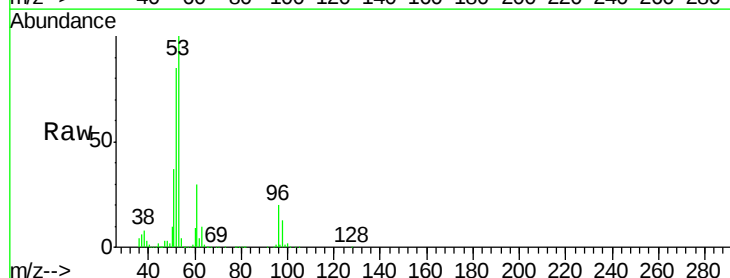
Tgt Ion: 53 Resp: 145977

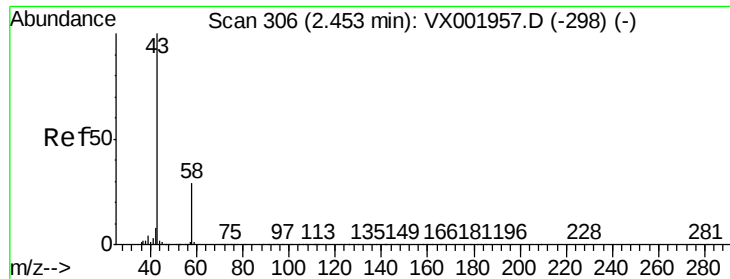
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 37.0 17.9 53.8





#15

Acetone

Concen: 106.976 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

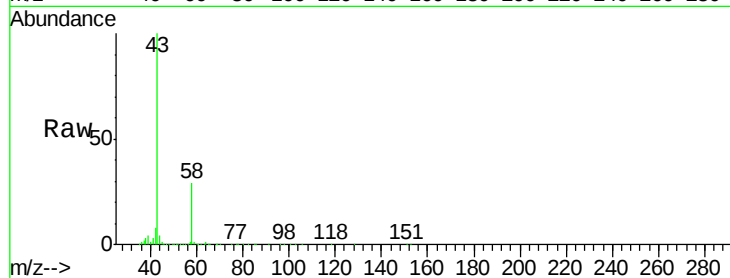
ClientSampled :

Tot Ion: 58 Resp: 42434

Ion Ratio Lower Upper

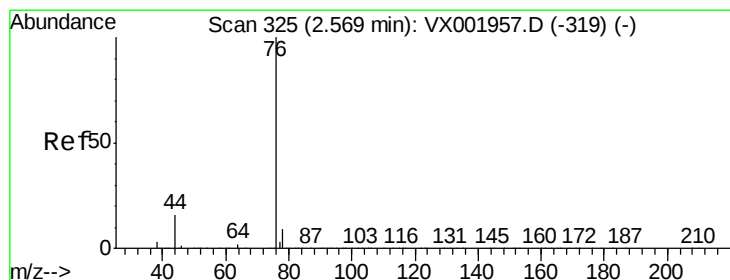
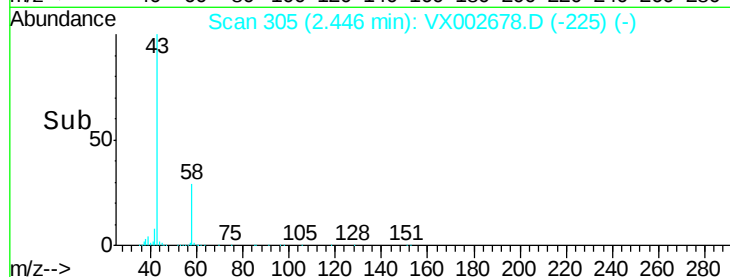
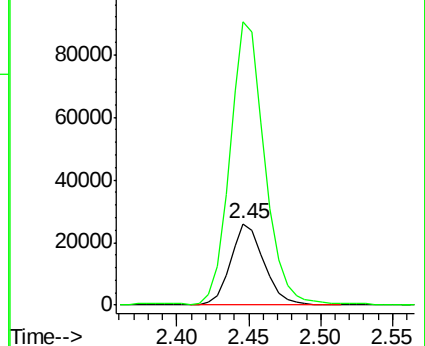
58 100

43 346.0 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.630 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002678.D

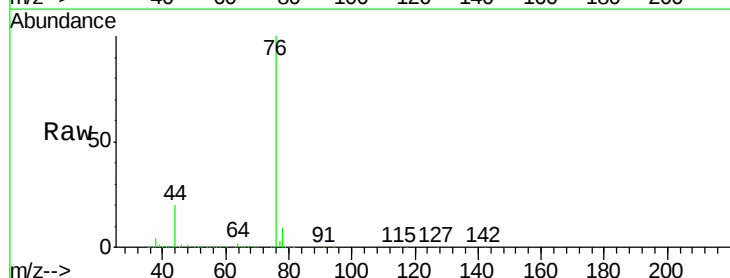
Acq: 18 Jun 2018 13:10

Tgt Ion: 76 Resp: 112328

Ion Ratio Lower Upper

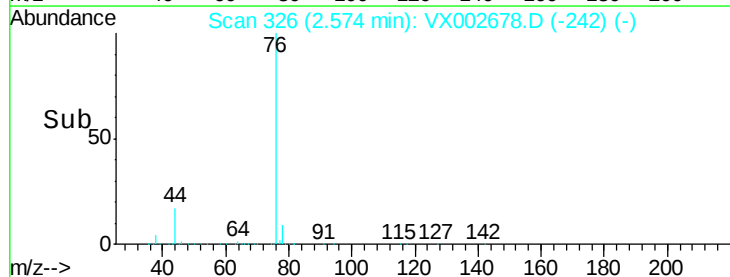
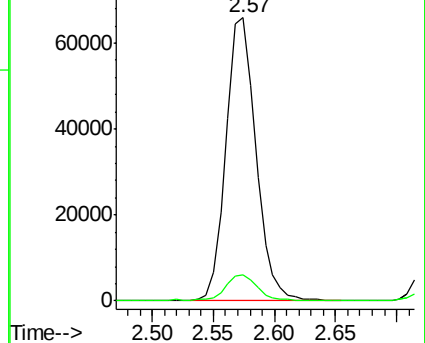
76 100

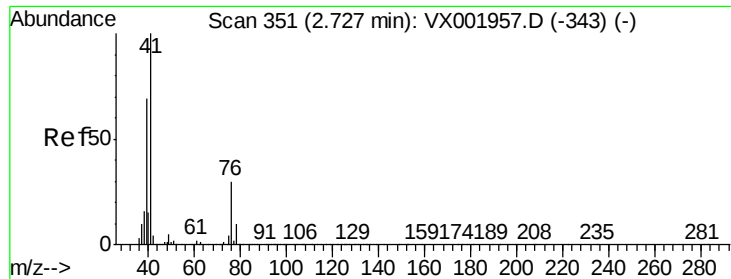
78 8.8 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

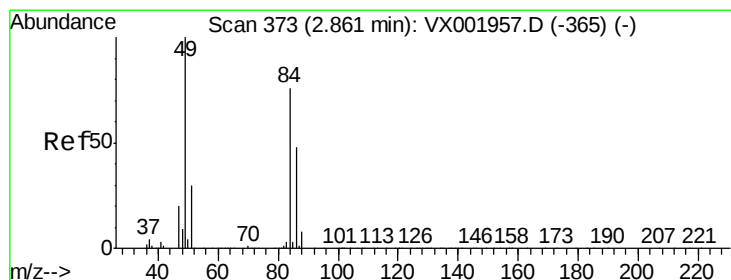
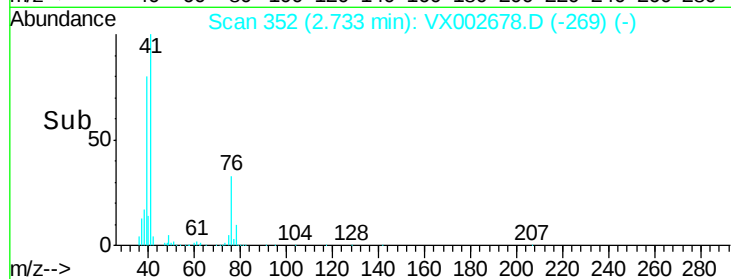
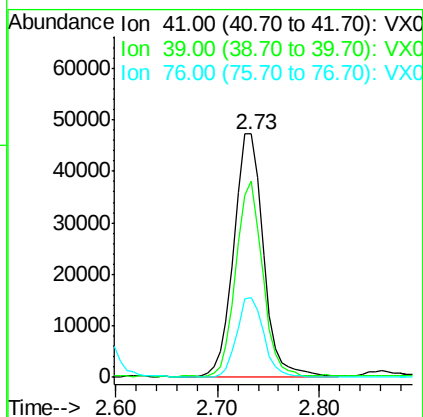
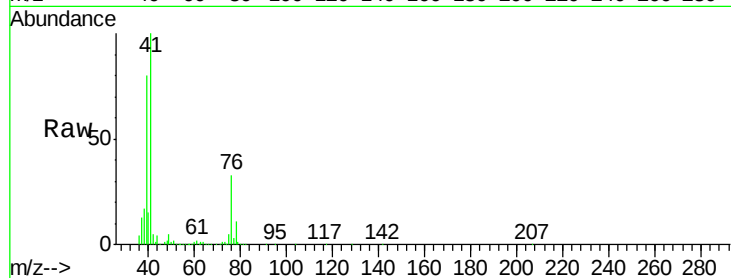




#17
Allvl chloride
Concen: 20.542 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

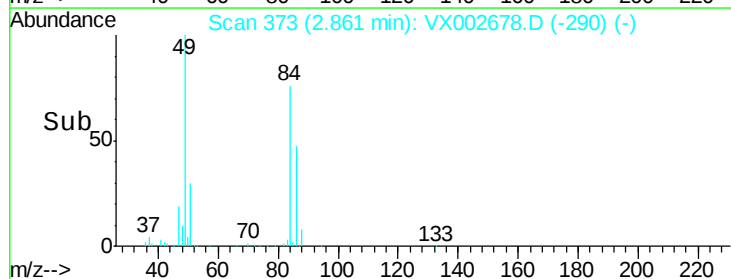
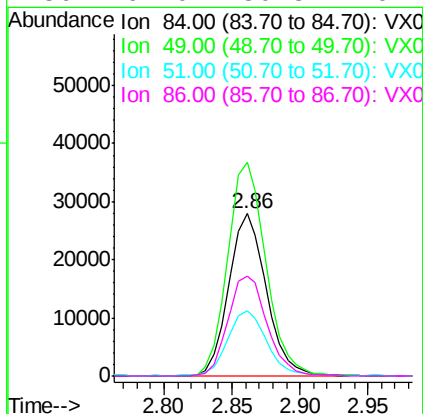
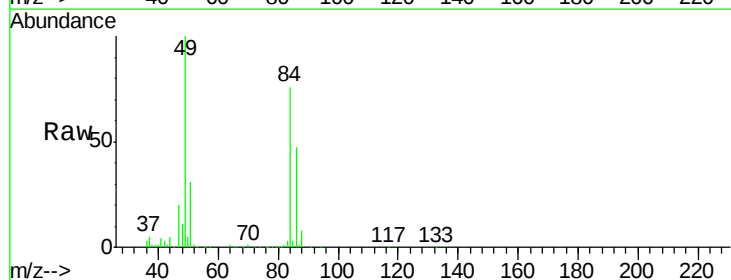
Instrument :
MSVOA_X
ClientSampleId :

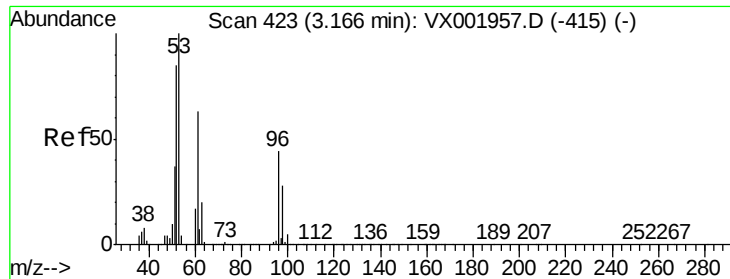
Tot Ion: 41 Resp: 94604
Ion Ratio Lower Upper
41 100
39 80.2 34.6 103.8
76 32.8 15.0 45.1



#18
Methylene Chloride
Concen: 21.498 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 84 Resp: 53914
Ion Ratio Lower Upper
84 100
49 131.5 104.7 157.1
51 39.7 31.0 46.4
86 62.0 50.8 76.2

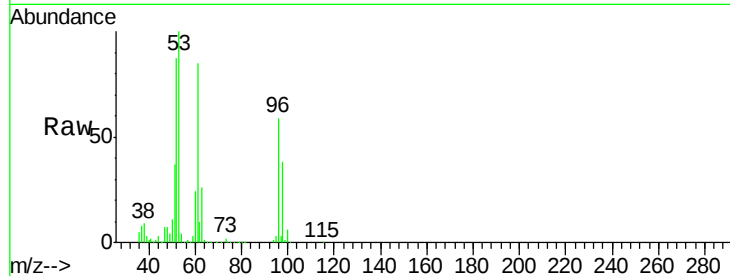




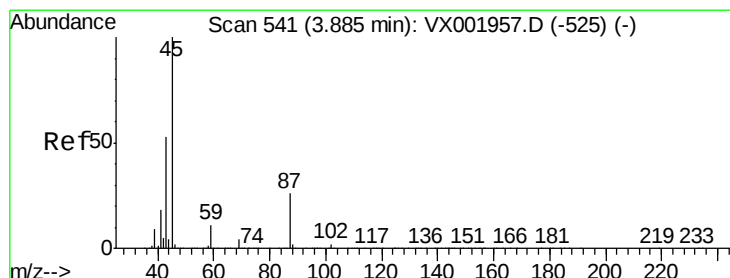
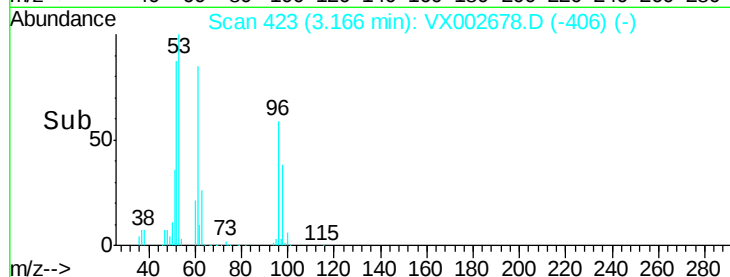
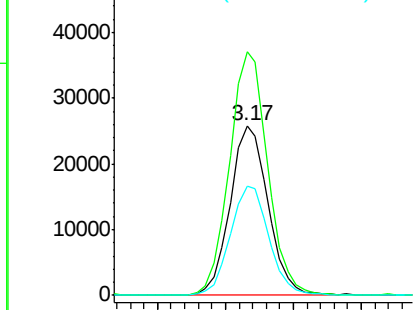
#19
trans-1,2-Dichloroethene
Concen: 21.303 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 50257
Ion Ratio Lower Upper
96 100
61 143.2 114.6 172.0
98 64.7 51.3 76.9

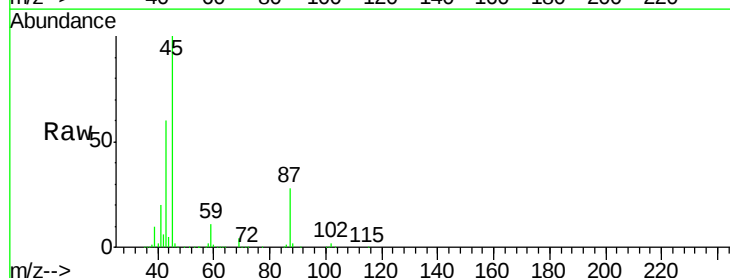


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

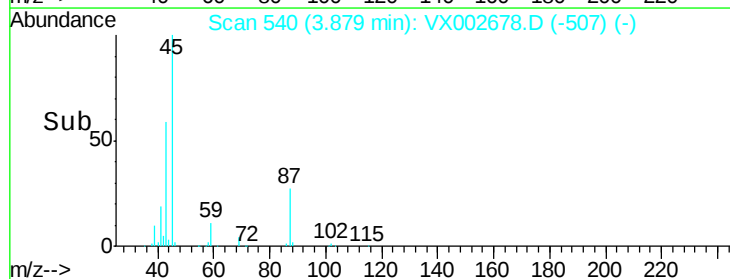
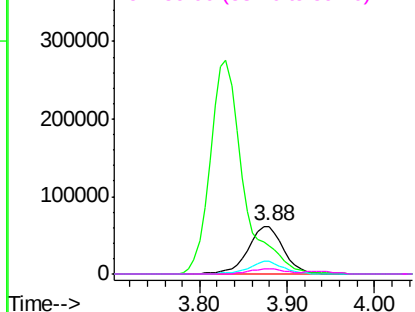


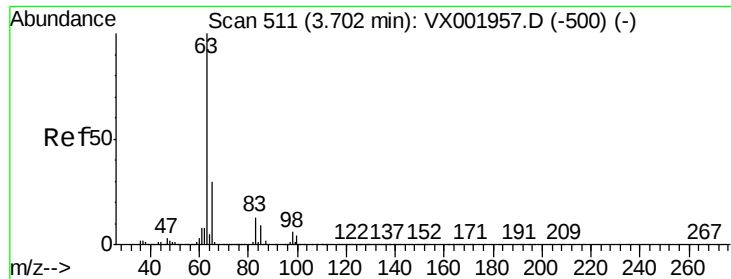
#20
Diisopropyl ether
Concen: 19.296 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 45 Resp: 169671
Ion Ratio Lower Upper
45 100
43 57.7 45.6 68.4
87 27.5 20.7 31.1
59 10.9 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: 21.566 ug/l

RT: 3.70 min Scan# 511

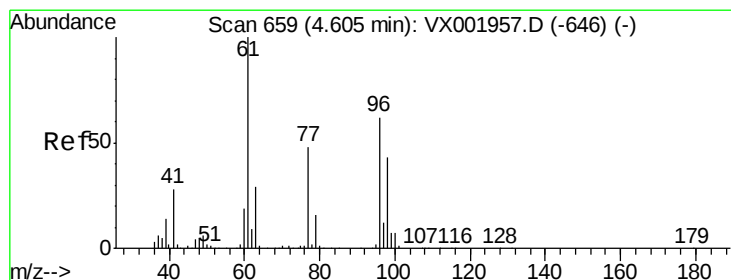
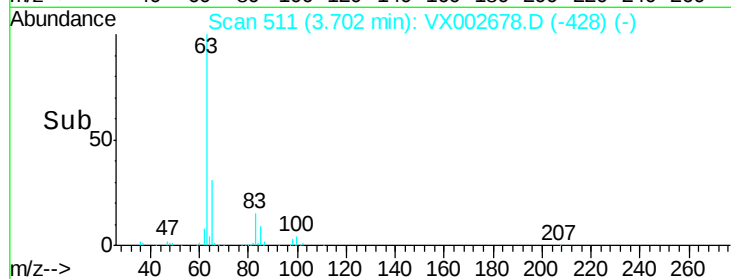
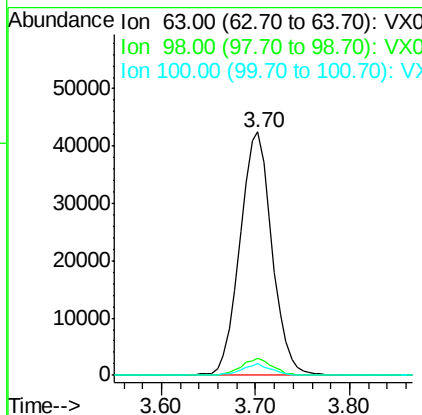
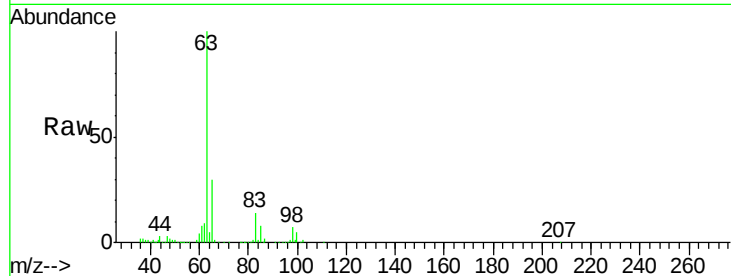
Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	100940
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.1	9.3
100	4.7	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 19.349 ug/l

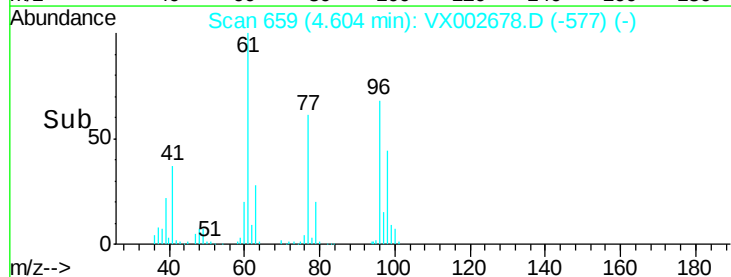
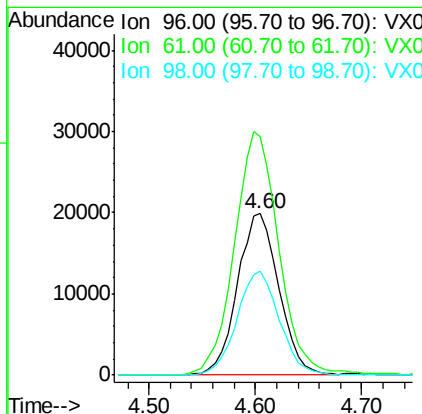
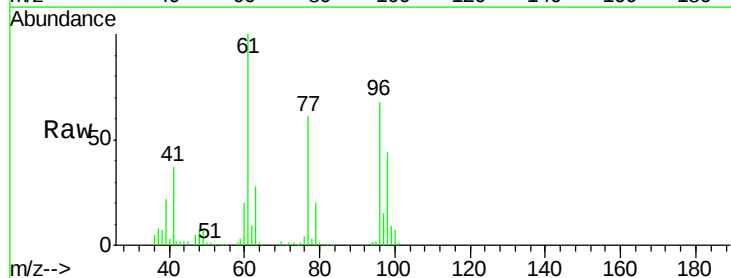
RT: 4.60 min Scan# 659

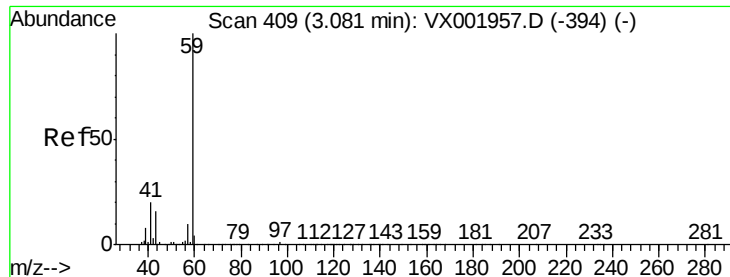
Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	96	Resp:	54424
Ion	Ratio	Lower	Upper
96	100		
61	159.6	160.2	240.2#
98	65.4	54.1	81.1



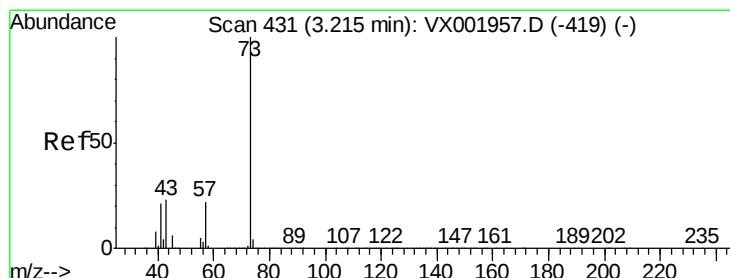
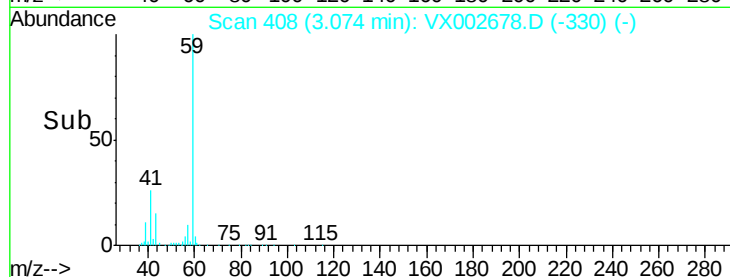
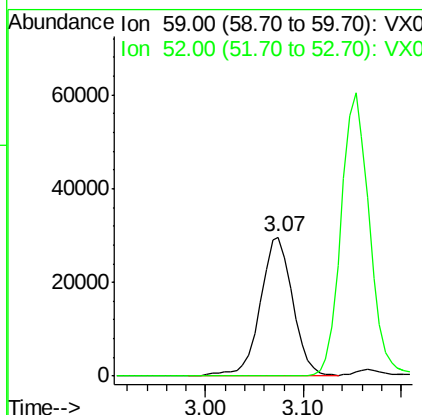
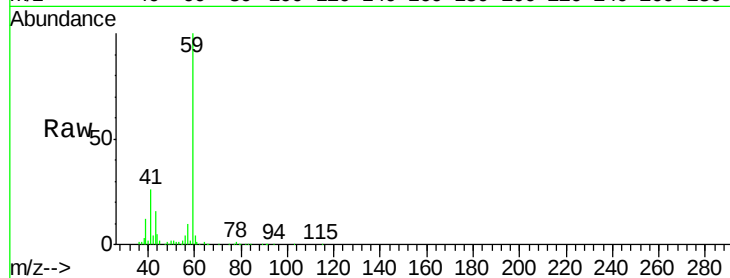


#23

tert-Butyl Alcohol
 Concen: 89.120 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

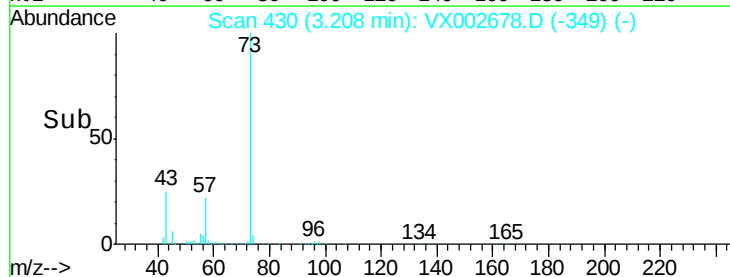
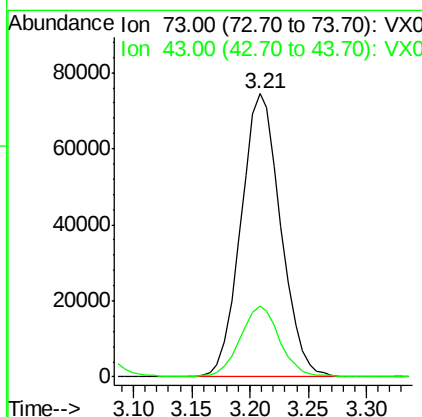
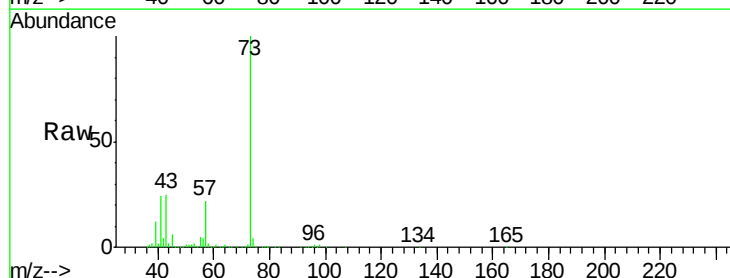
Tot Ion: 59 Resp: 68780
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.2 0.2#

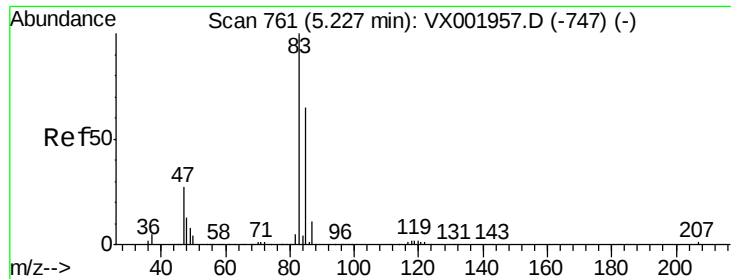


#24

Methyl tert-Butyl Ether
 Concen: 20.278 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 73 Resp: 176613
 Ion Ratio Lower Upper
 73 100
 43 24.5 19.0 28.4





#25

Chloroform

Concen: 19.421 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

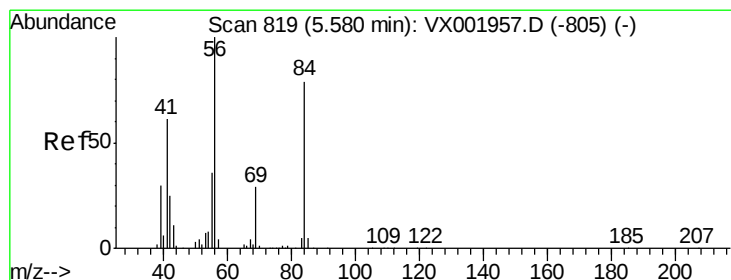
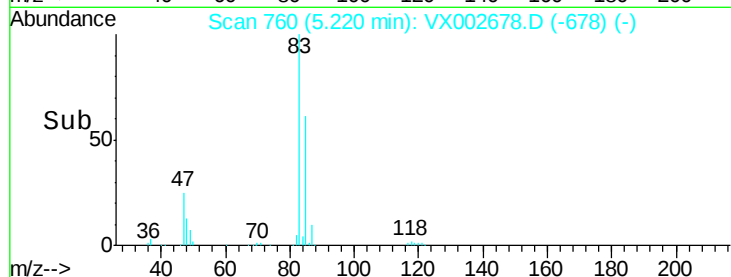
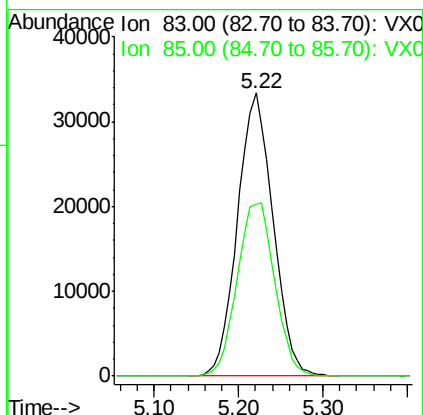
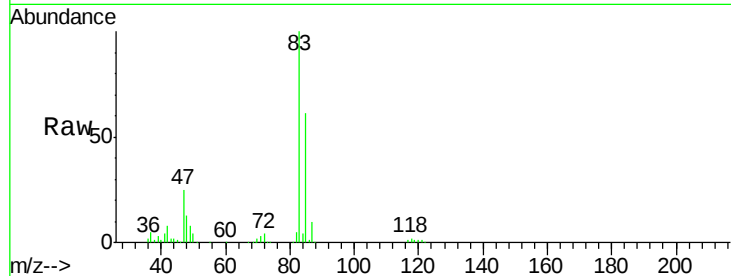
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 95575

Ion Ratio Lower Upper

83 100

85 60.8 51.9 77.9



#26

Cyclohexane

Concen: 18.520 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

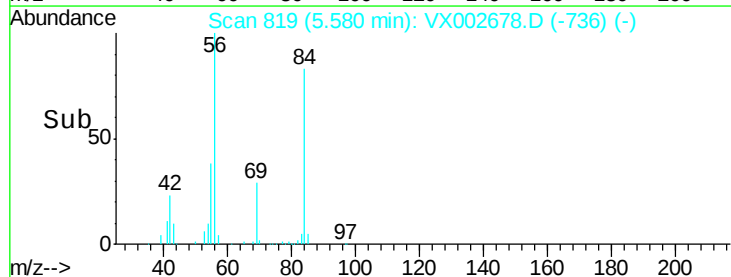
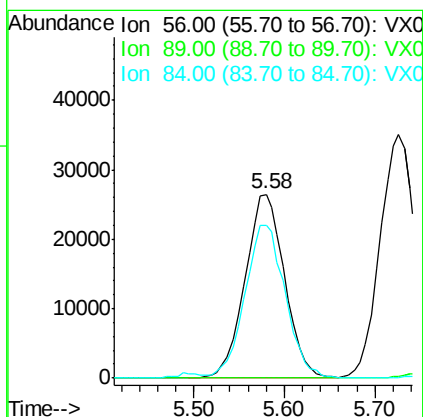
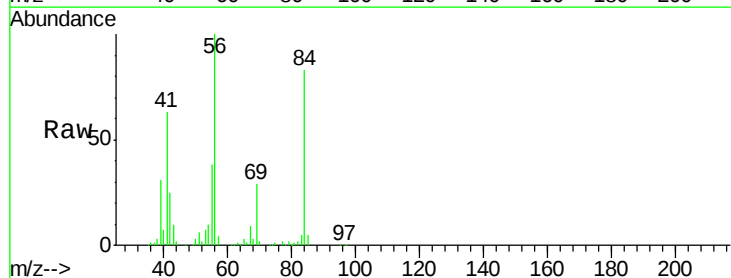
Tgt Ion: 56 Resp: 79780

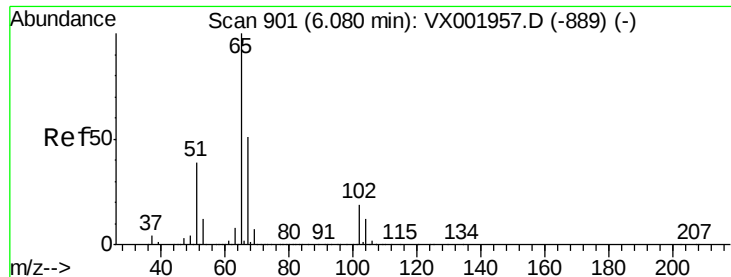
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.3 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 29.082 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

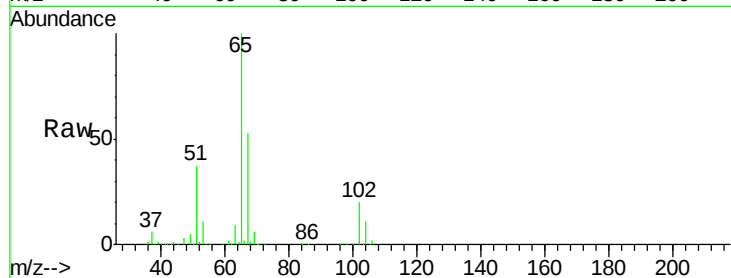
ClientSampled :

Tot Ion: 65 Resp: 102635

Ion Ratio Lower Upper

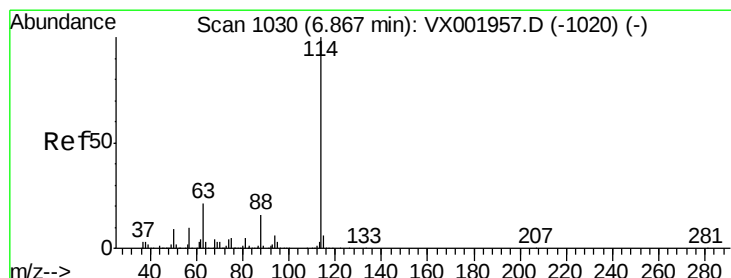
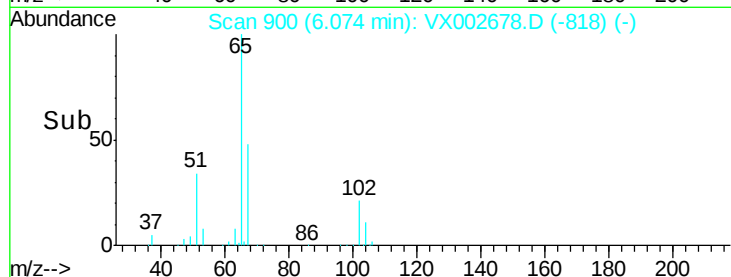
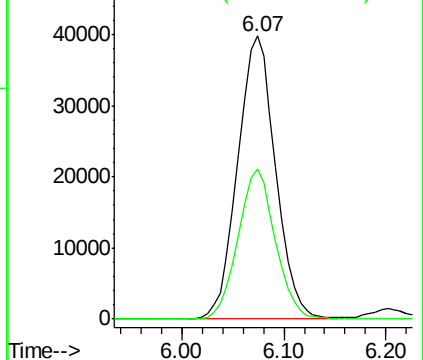
65 100

67 52.0 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: VX002678.D

Acq: 18 Jun 2018 13:10

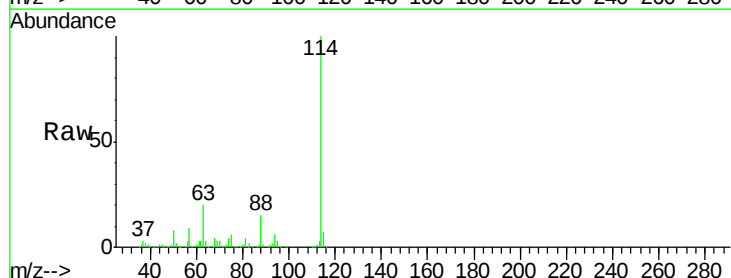
Tgt Ion: 114 Resp: 247168

Ion Ratio Lower Upper

114 100

63 20.3 17.1 25.7

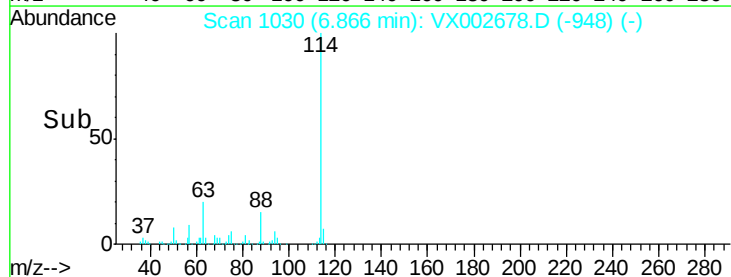
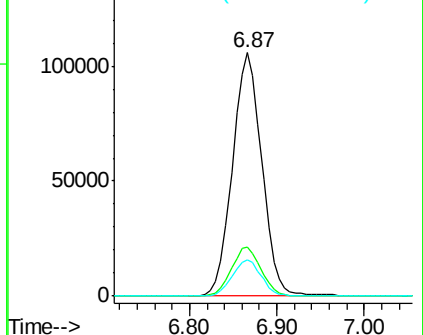
88 14.8 12.6 19.0

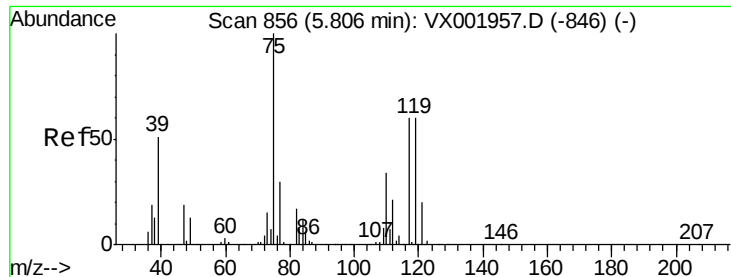


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.656 ug/l

RT: 5.81 min Scan# 856

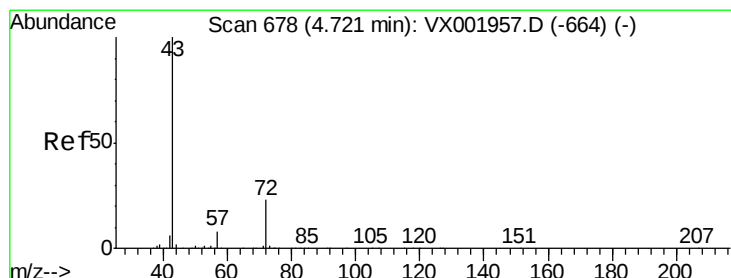
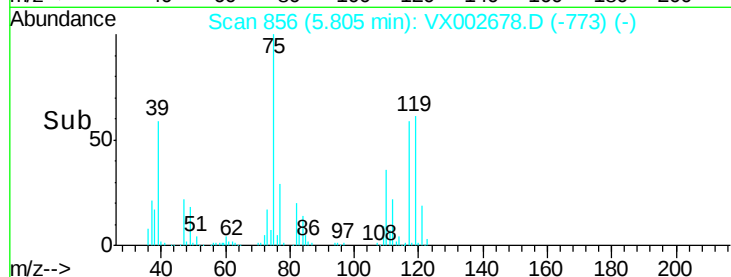
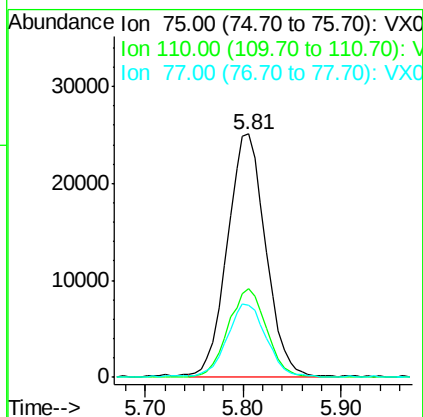
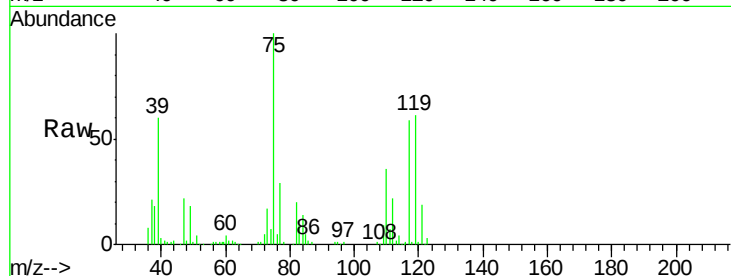
Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	67972
Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	71.4
77	30.9	0.0	60.6



#30

2-Butanone

Concen: 82.133 ug/l

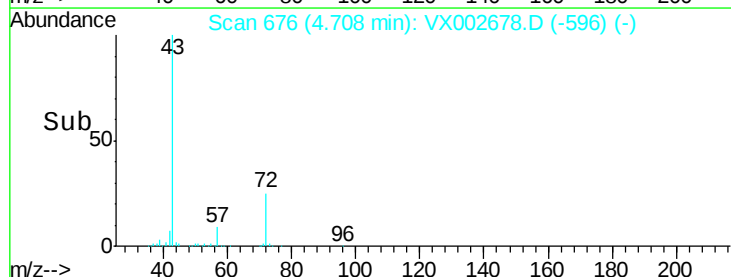
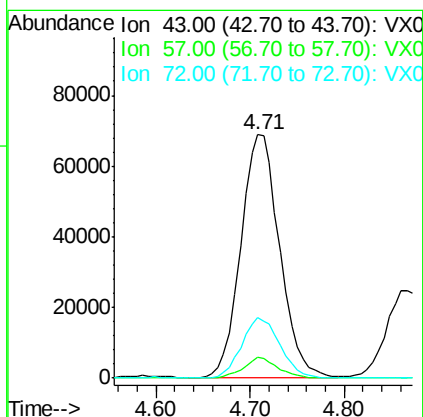
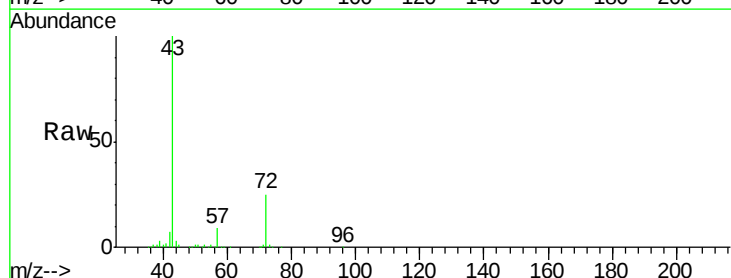
RT: 4.71 min Scan# 676

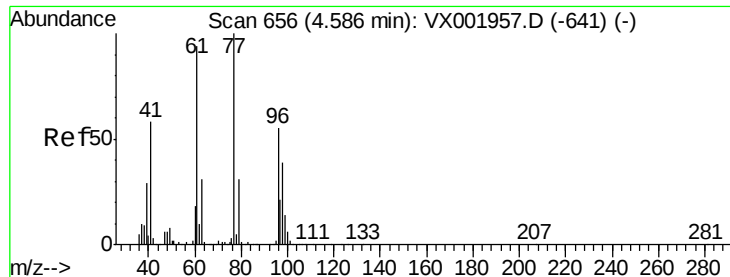
Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	43	Resp:	198113
Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.1	9.1
72	24.5	18.1	27.1





#31

2,2-Dichloropropane

Concen: 24.141 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

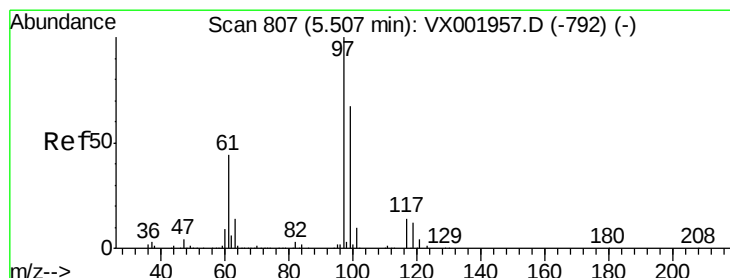
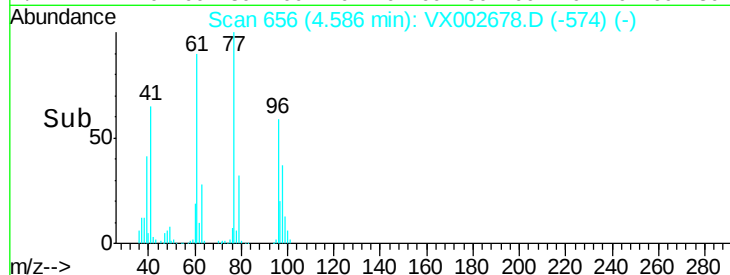
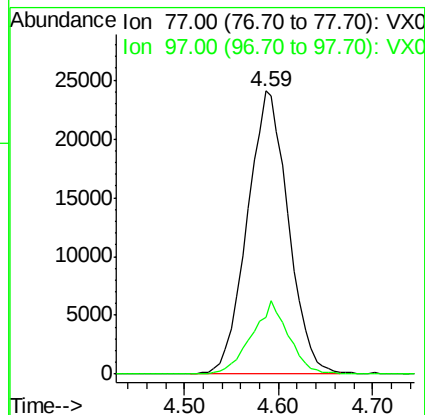
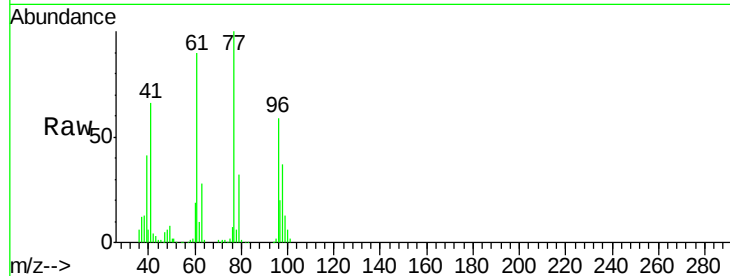
ClientSampled :

Tot Ion: 77 Resp: 73369

Ion Ratio Lower Upper

77 100

97 23.4 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 18.186 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

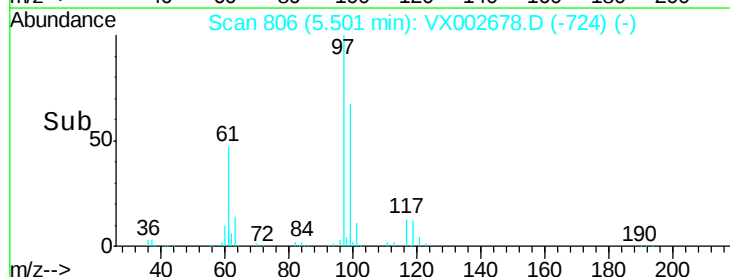
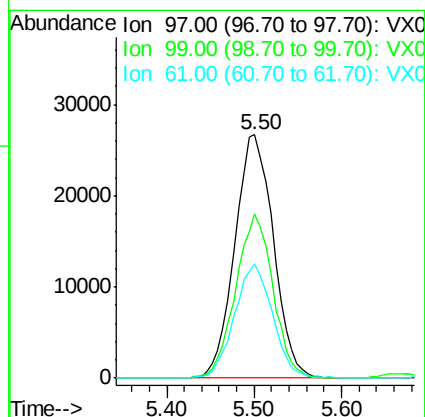
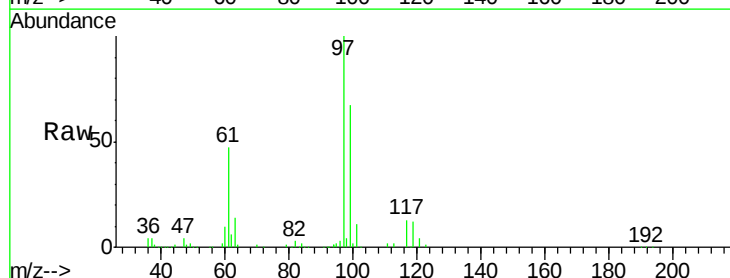
Tgt Ion: 97 Resp: 82138

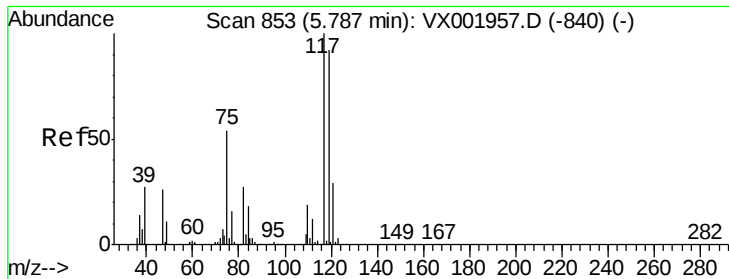
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 46.0 36.4 54.6

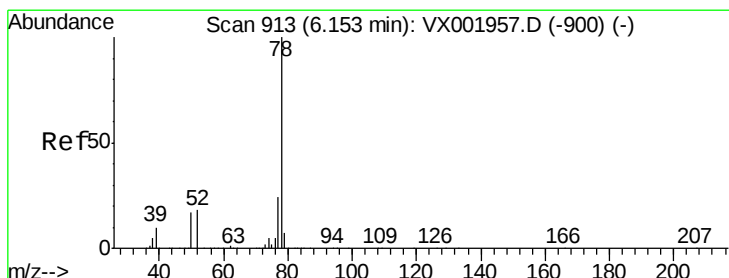
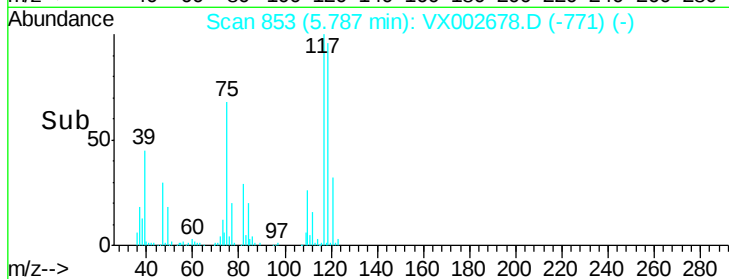
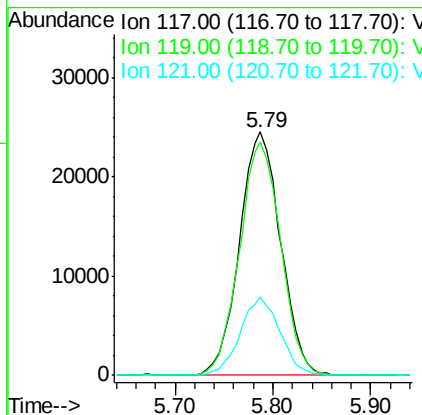
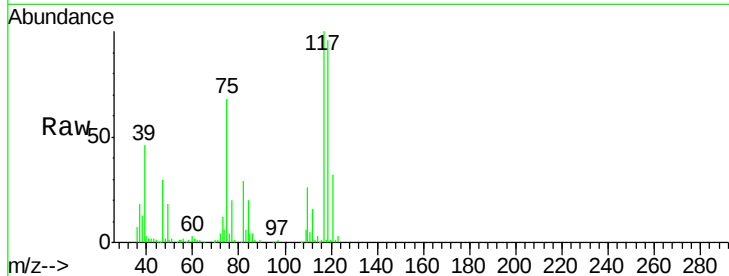




#33
Carbon Tetrachloride
Concen: 17.415 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

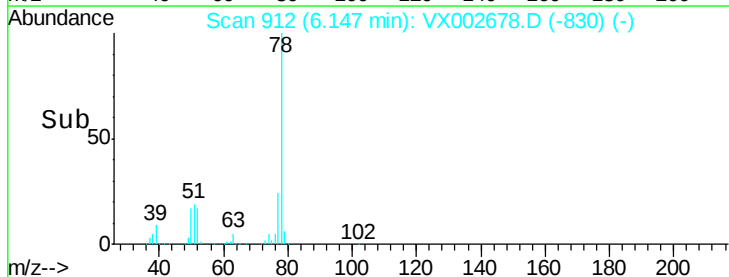
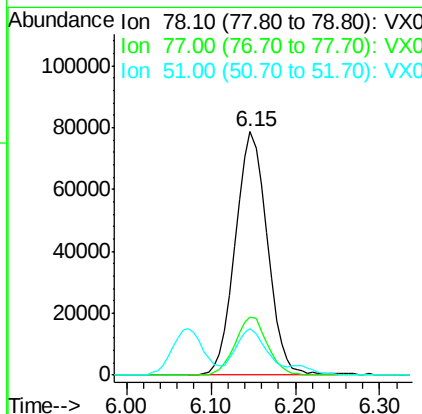
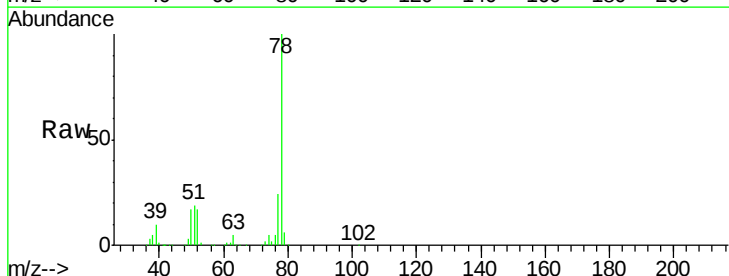
Instrument :
MSVOA_X
ClientSampleId :

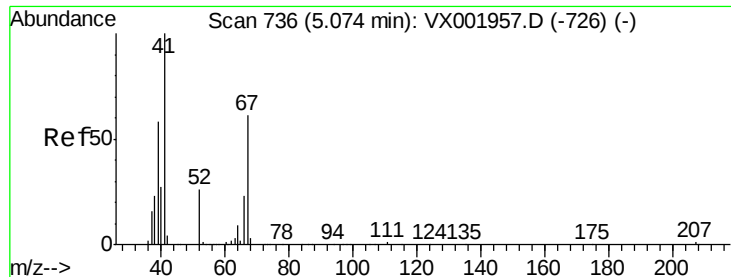
Tot Ion:117 Resp: 71475
Ion Ratio Lower Upper
117 100
119 95.7 73.3 109.9
121 32.4 23.6 35.4



#34
Benzene
Concen: 19.383 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 78 Resp: 202401
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0
51 18.6 13.8 20.6

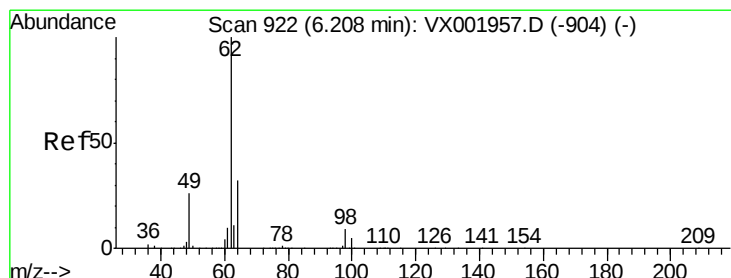
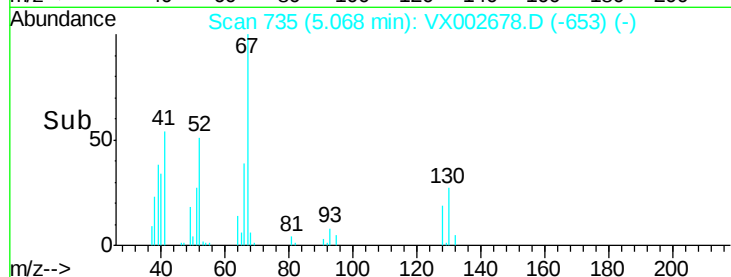
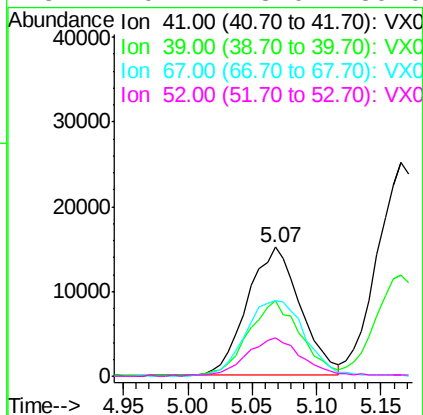
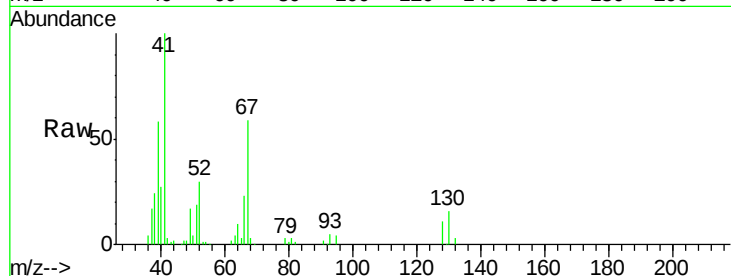




#35
Methacrylonitrile
Concen: 16.275 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

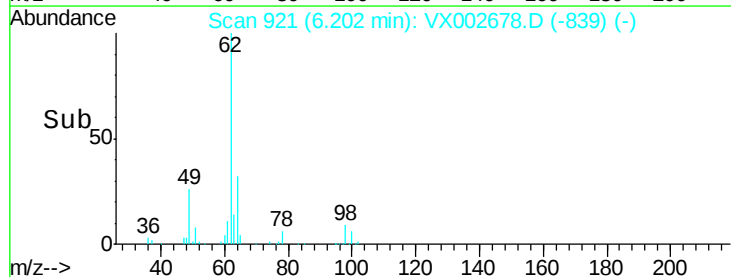
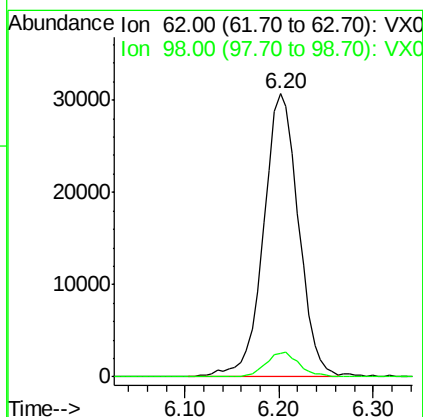
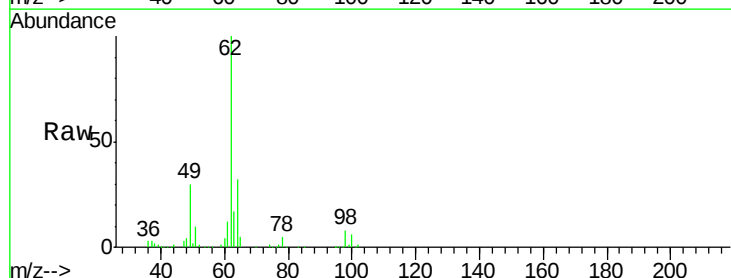
Instrument :
MSVOA_X
ClientSampleId :

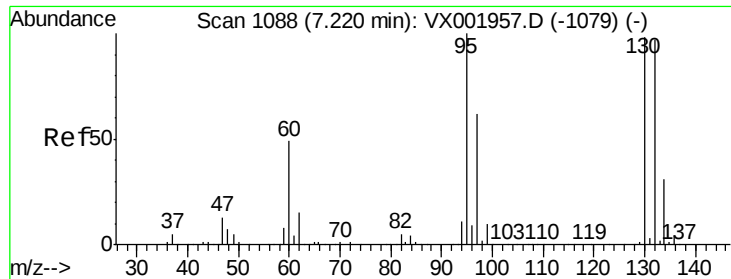
Tot Ion:	41	Resp:	43470
Ion	Ratio	Lower	Upper
41	100		
39	57.2	28.8	86.5
67	59.2	30.4	91.2
52	29.4	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.647 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion:	62	Resp:	79930
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7

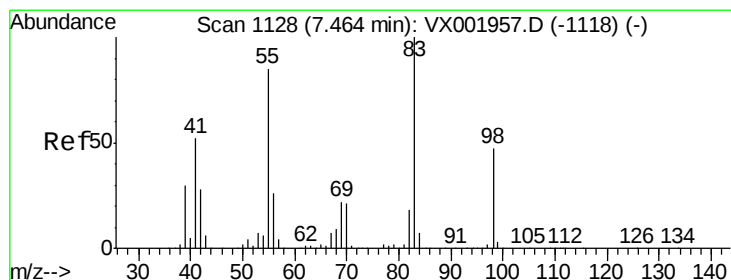
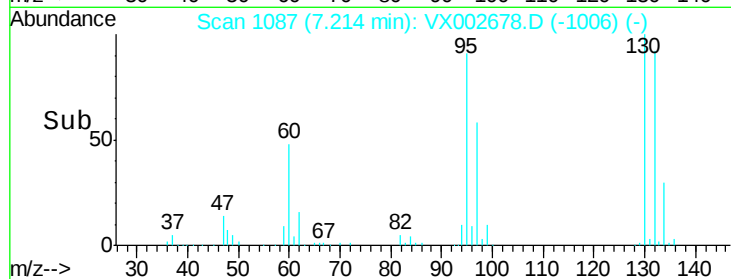
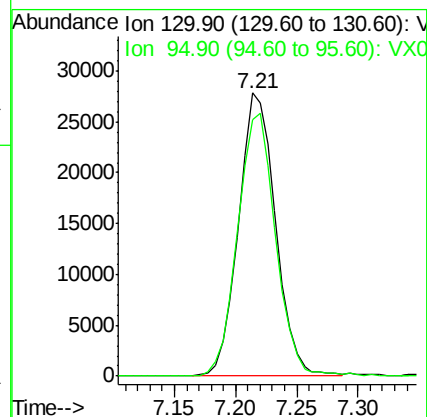
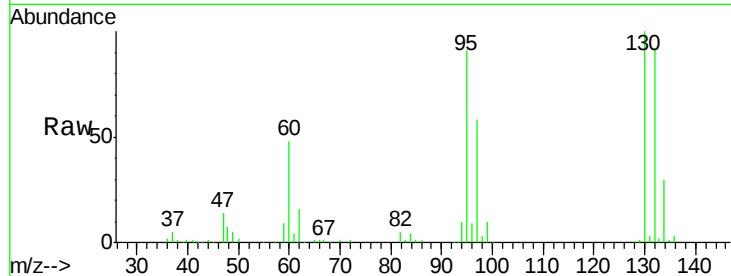




#37
 Trichloroethene
 Concen: 19.773 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

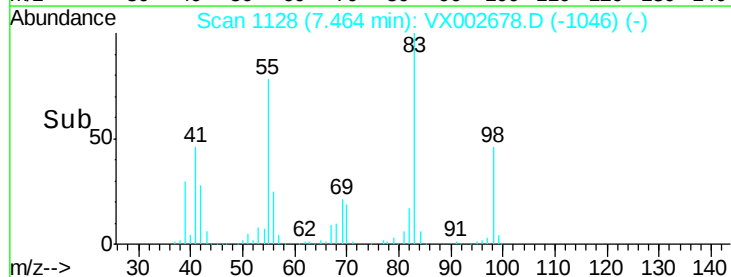
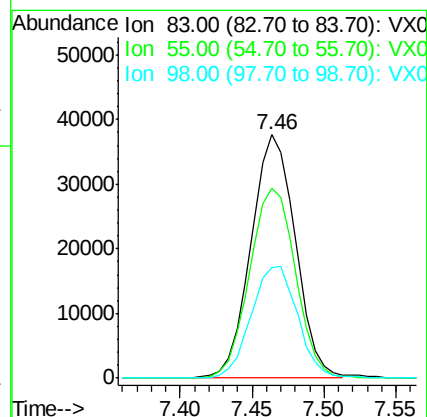
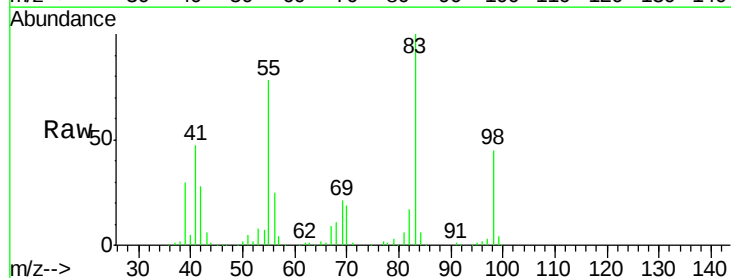
Instrument :
 MSVOA_X
 ClientSampleId :

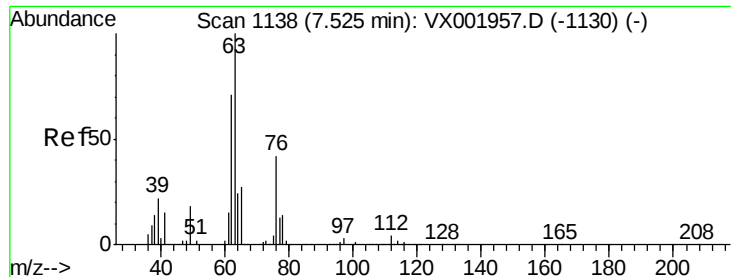
Tot Ion:130 Resp: 58572
 Ion Ratio Lower Upper
 130 100
 95 90.5 81.5 122.3



#38
 Methylcyclohexane
 Concen: 19.901 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 83 Resp: 80294
 Ion Ratio Lower Upper
 83 100
 55 80.9 40.6 121.8
 98 48.1 23.5 70.5

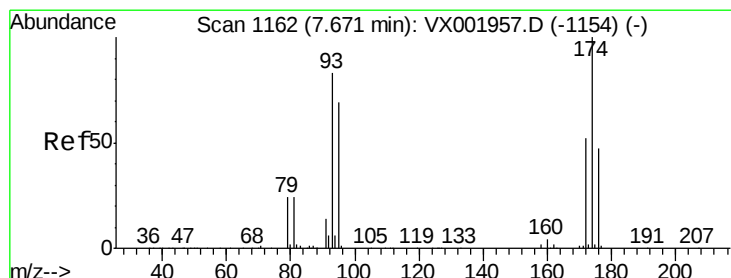
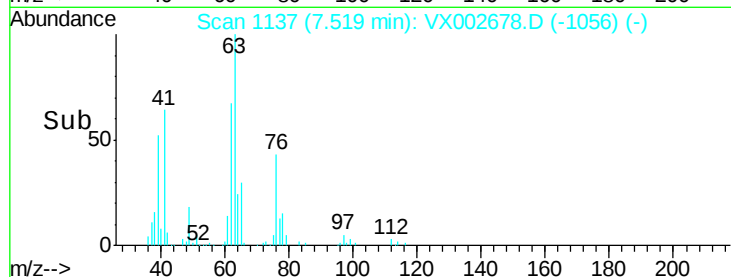
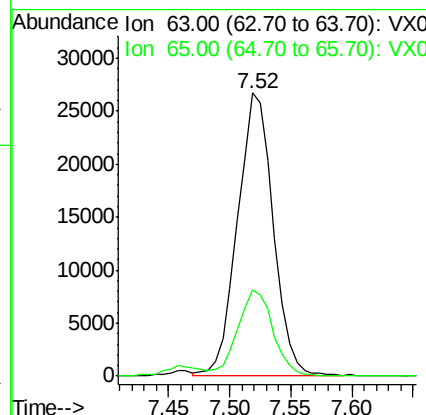
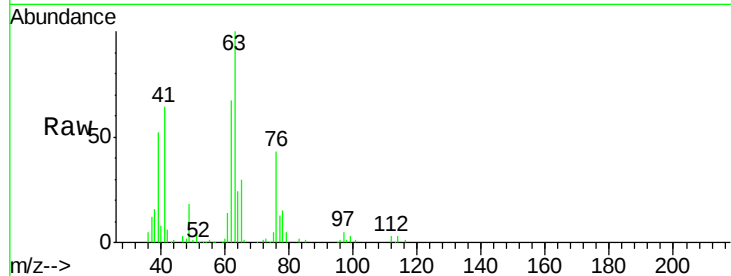




#39
 1,2-Dichloropropane
 Concen: 18.996 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

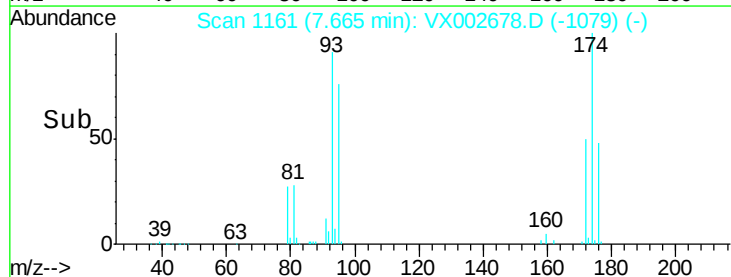
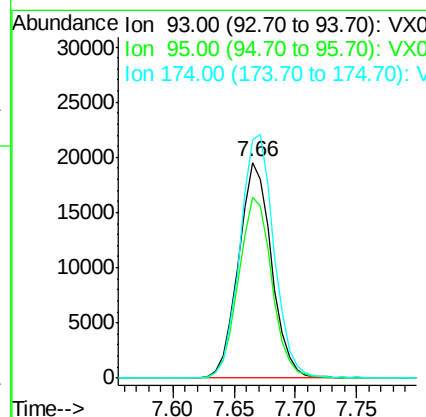
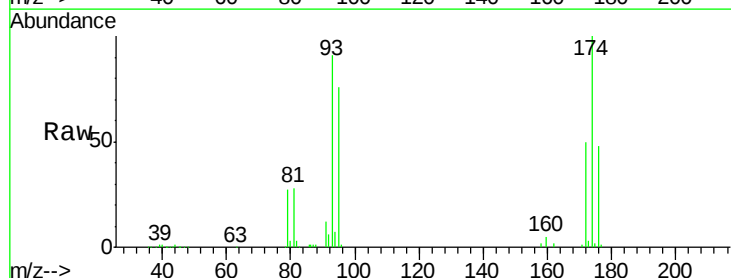
Instrument :
 MSVOA_X
 ClientSampleId :

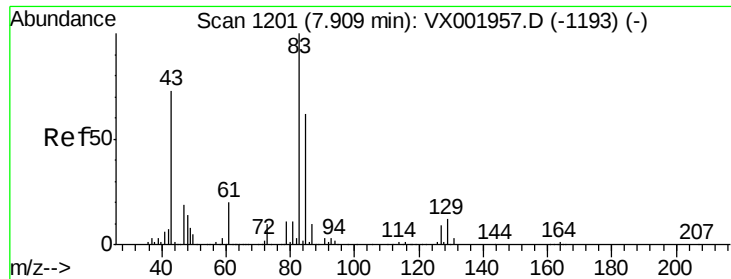
Tot Ion: 63 Resp: 53633
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.3 34.9



#40
 Dibromomethane
 Concen: 19.325 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 93 Resp: 36606
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 162.6
 174 115.6 0.0 229.4

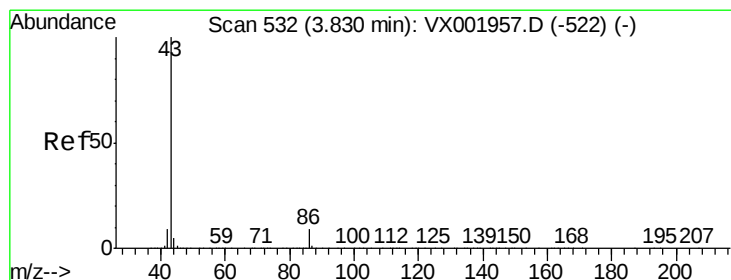
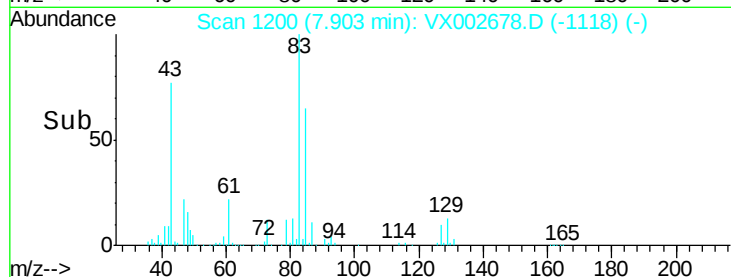
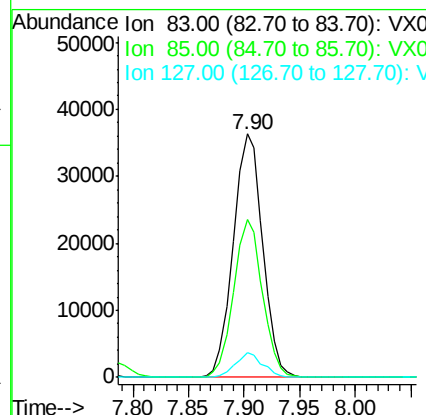
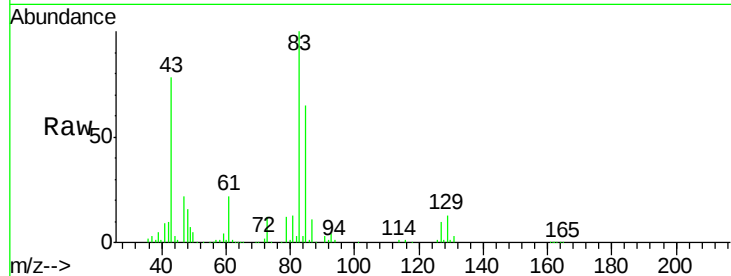




#41
 Bromodichloromethane
 Concen: 16.940 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

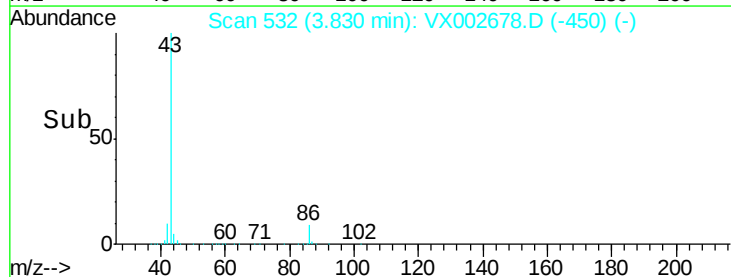
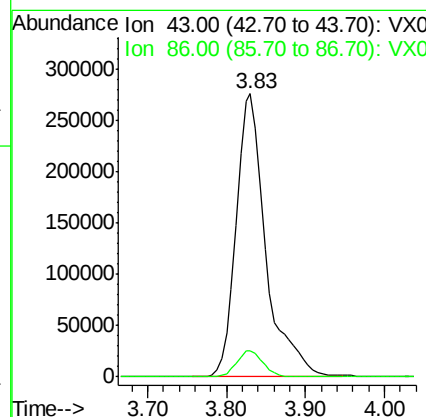
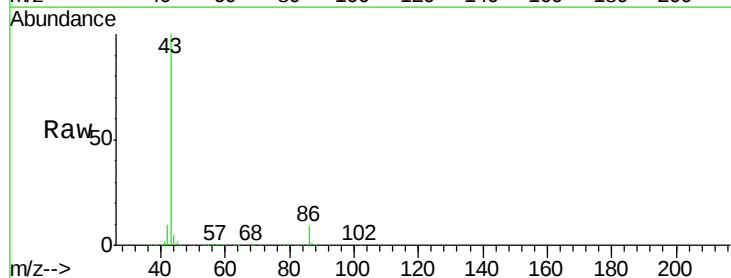
Instrument :
 MSVOA_X
 ClientSampleId :

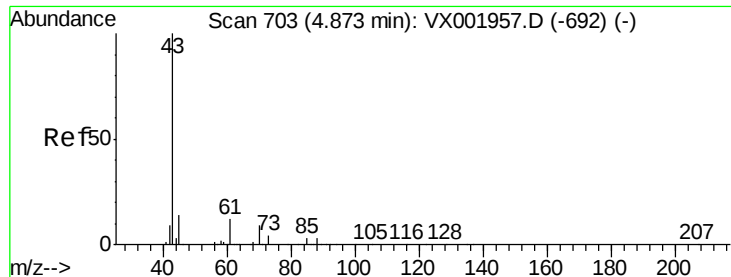
Tot Ion: 83 Resp: 66572
 Ion Ratio Lower Upper
 83 100
 85 65.1 49.8 74.8
 127 10.0 7.3 10.9



#42
 Vinyl Acetate
 Concen: 94.720 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 43 Resp: 722822
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1

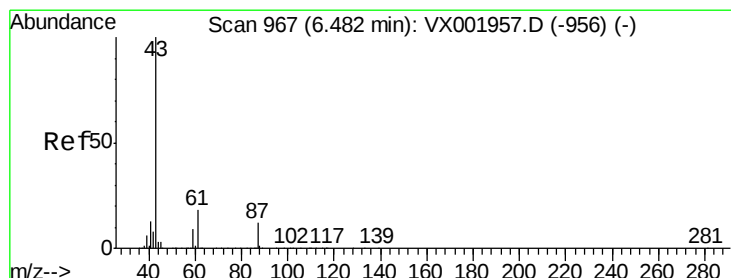
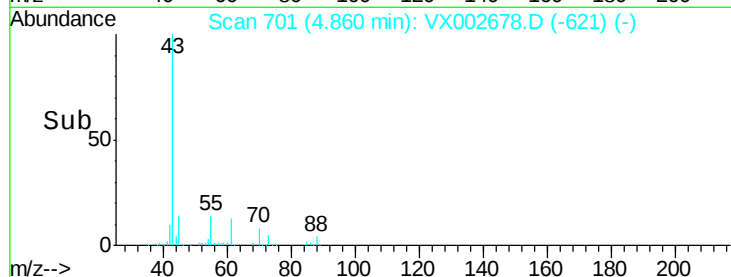
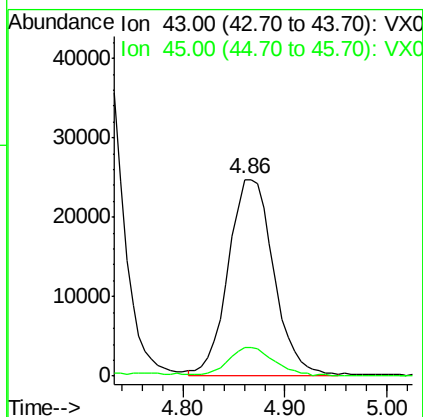
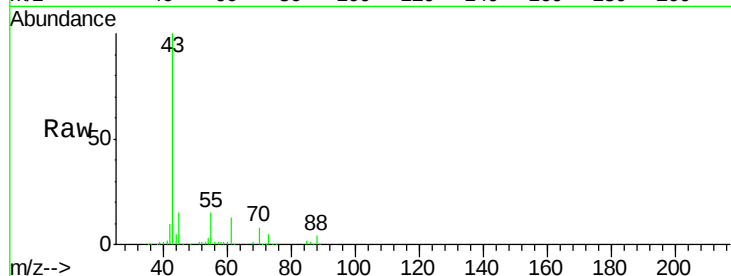




#43
Ethyl Acetate
Concen: 16.089 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

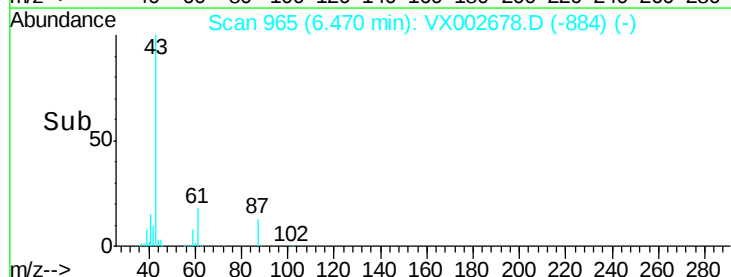
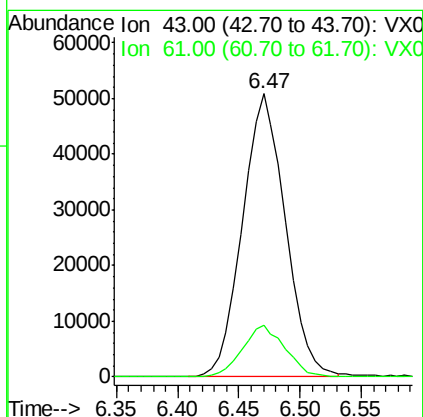
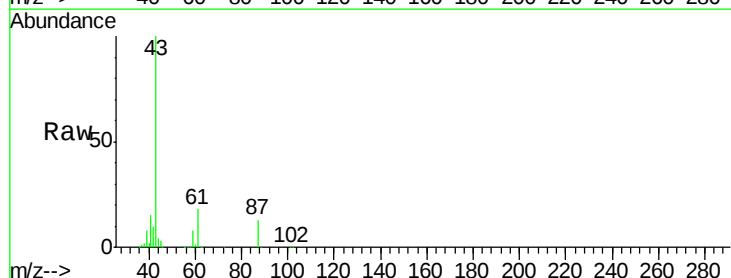
Instrument :
MSVOA_X
ClientSampleId :

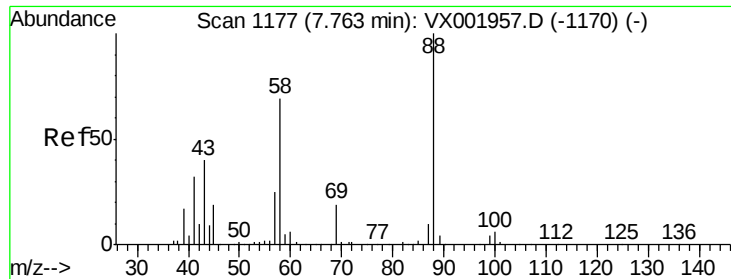
Tot Ion: 43 Resp: 76175
Ion Ratio Lower Upper
43 100
45 13.9 11.0 16.4



#44
Isopropyl Acetate
Concen: 15.712 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 43 Resp: 123700
Ion Ratio Lower Upper
43 100
61 18.2 14.5 21.7





#45

1,4-Dioxane

Concen: 341.333 ug/l

RT: 7.76 min Scan# 1176

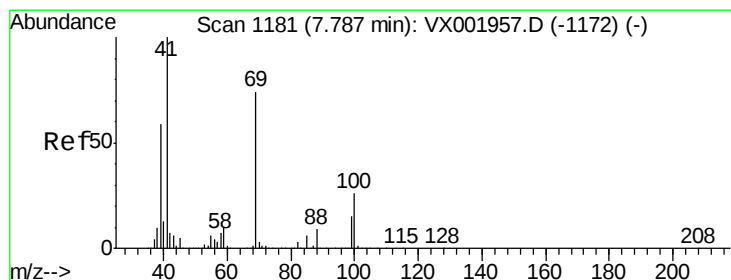
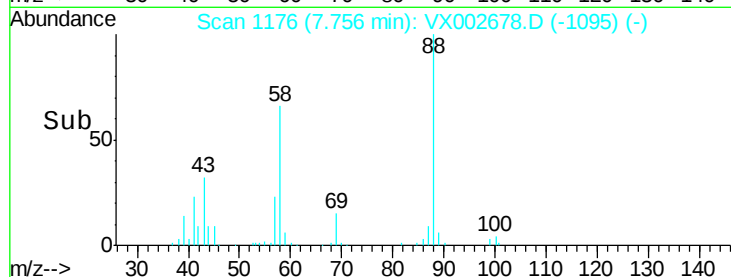
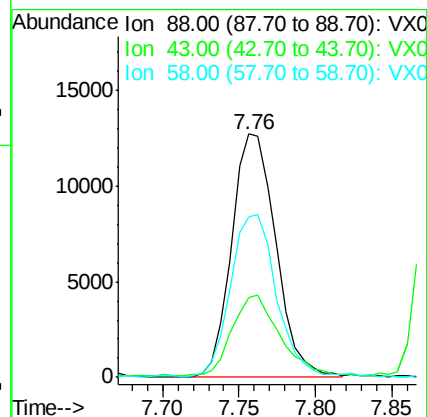
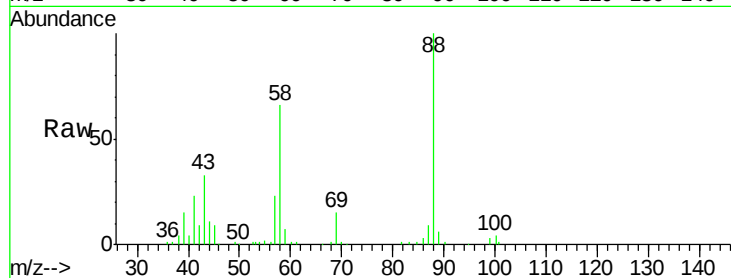
Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	88	Resp:	25565
Ion	Ratio	Lower	Upper
88	100		
43	35.5	43.2	64.8#
58	69.4	60.2	90.2



#46

Methyl methacrylate

Concen: 16.110 ug/l

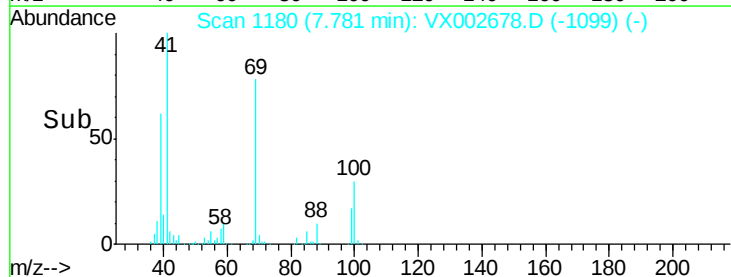
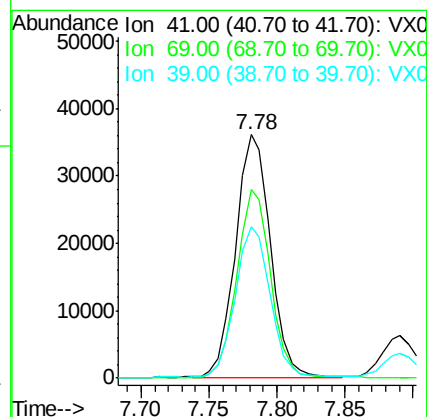
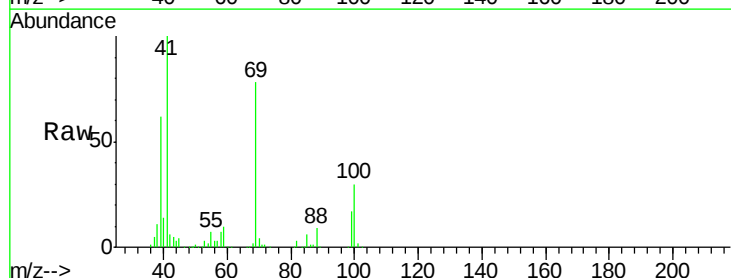
RT: 7.78 min Scan# 1180

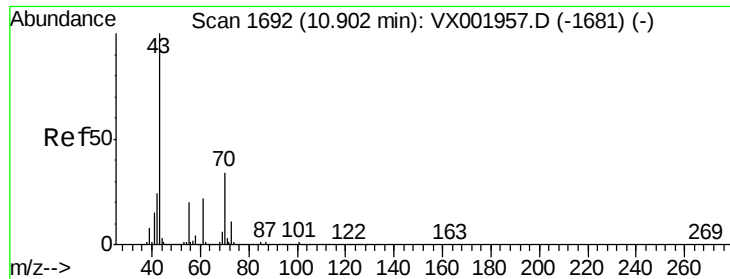
Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	41	Resp:	64228
Ion	Ratio	Lower	Upper
41	100		
69	78.1	37.0	110.9
39	61.8	29.6	88.9





#47

n-amvl Acetate

Concen: 15.402 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

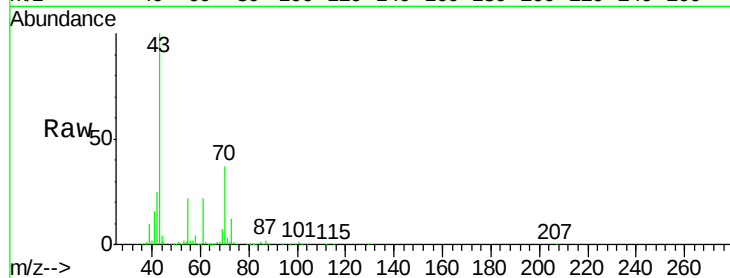
ClientSampleId :

Tot Ion: 43 Resp: 111556

Ion Ratio Lower Upper

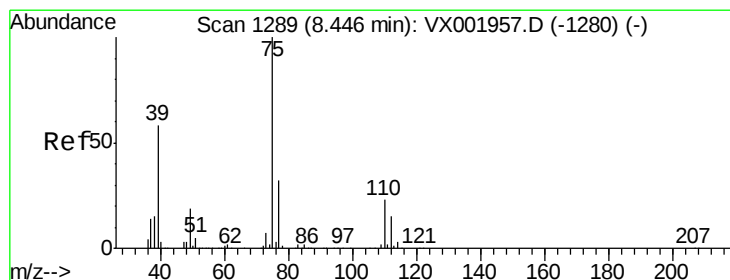
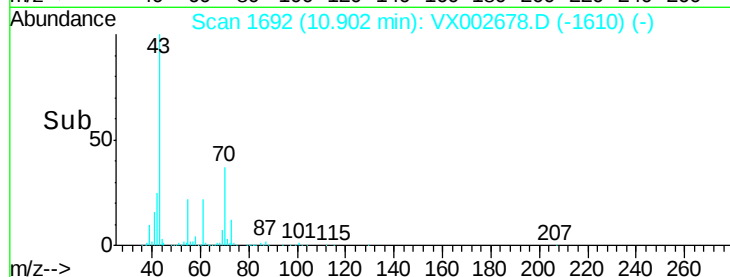
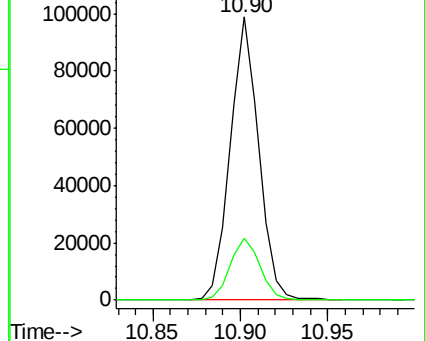
43 100

55 23.4 0.1 0.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.813 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002678.D

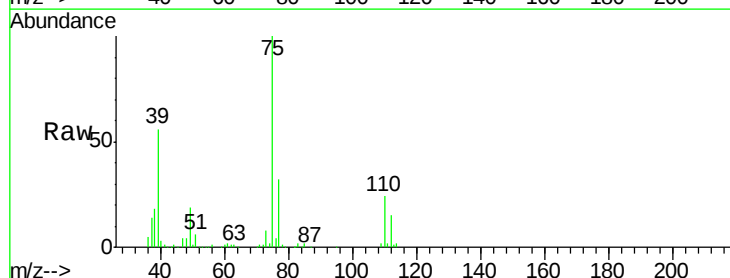
Acq: 18 Jun 2018 13:10

Tgt Ion: 75 Resp: 78665

Ion Ratio Lower Upper

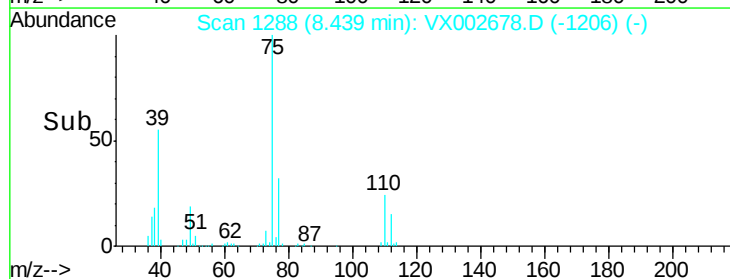
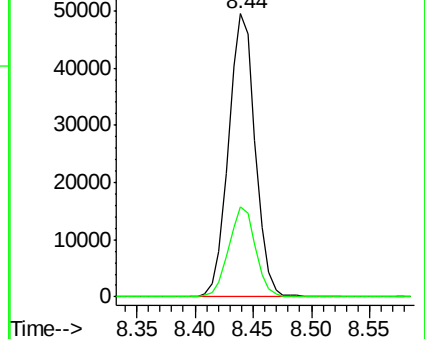
75 100

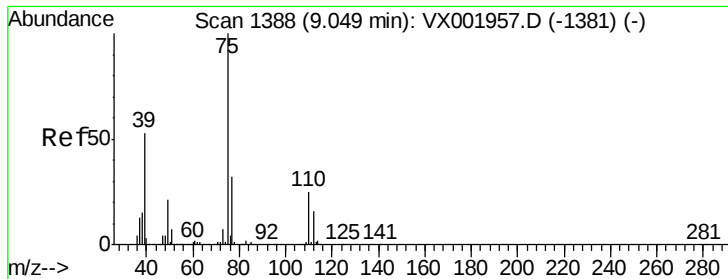
77 31.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



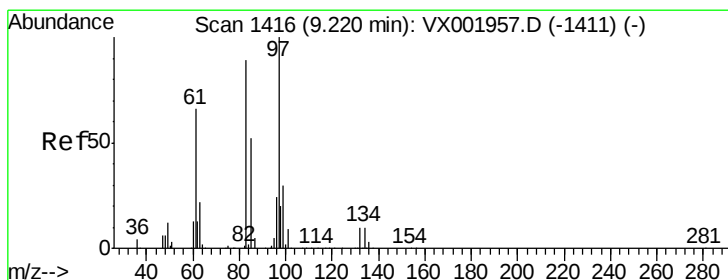
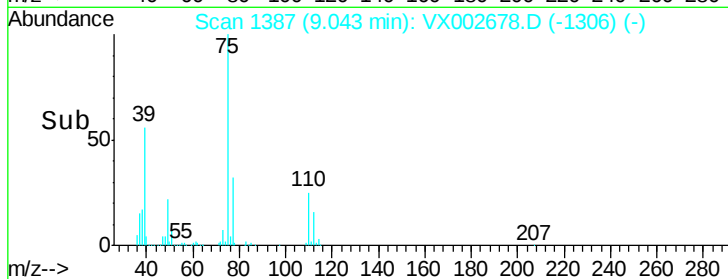
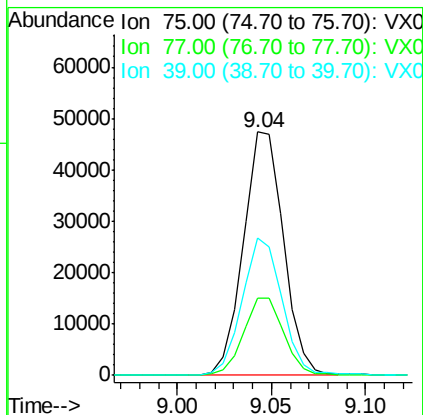
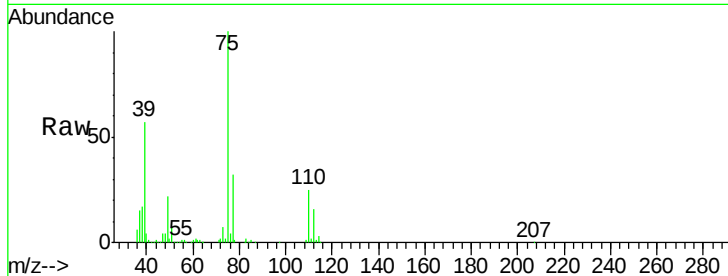


#49

cis-1,3-Dichloropropene
 Concen: 16.410 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

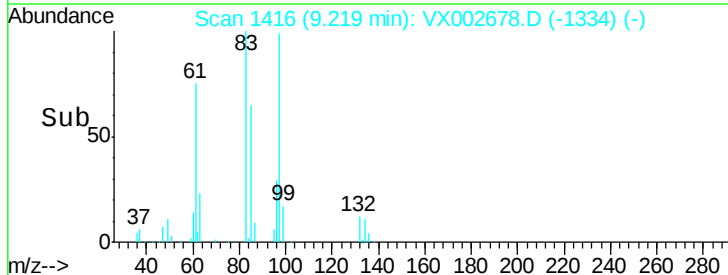
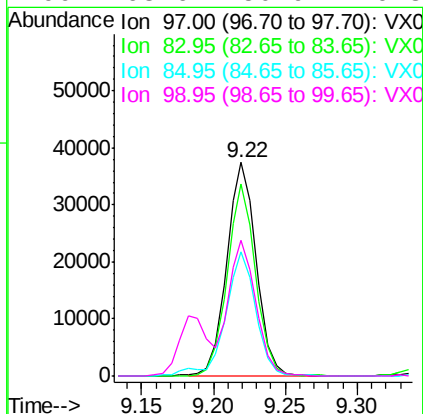
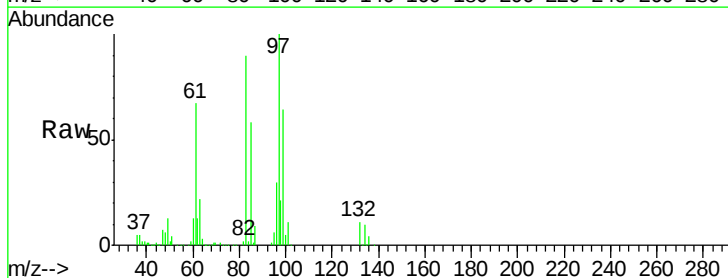
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	56.3	42.3	63.5

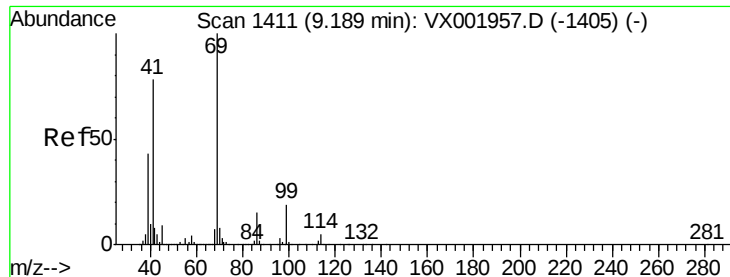


#50

1,1,2-Trichloroethane
 Concen: 19.714 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.8	106.2
85	58.1	43.5	65.3
99	63.6	50.9	76.3





#51

Ethyl methacrylate

Concen: 16.781 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :

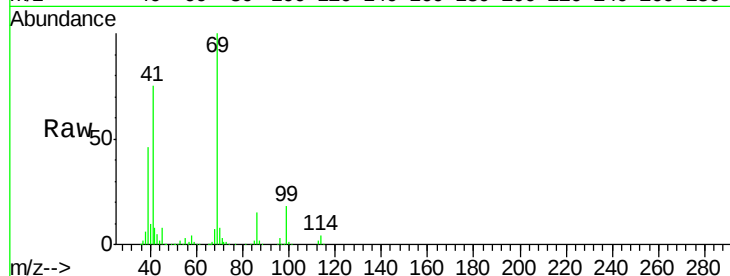
Tot Ion: 69 Resp: 79051

Ion Ratio Lower Upper

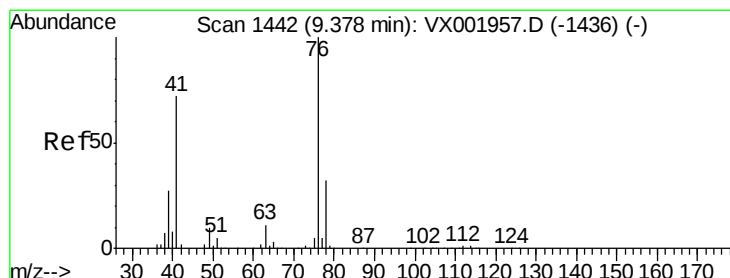
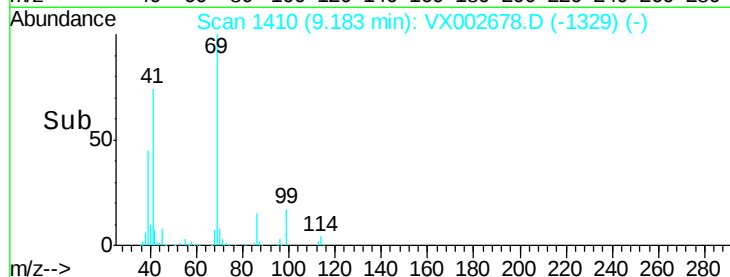
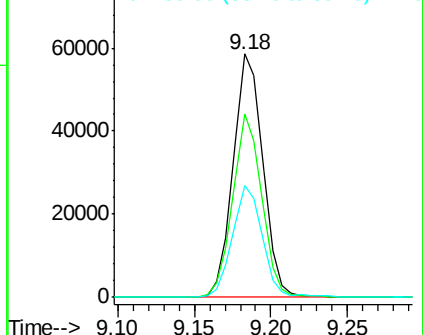
69 100

41 75.1 39.1 117.3

39 45.9 21.7 65.1



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



#52

1,3-Dichloropropane

Concen: 19.217 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002678.D

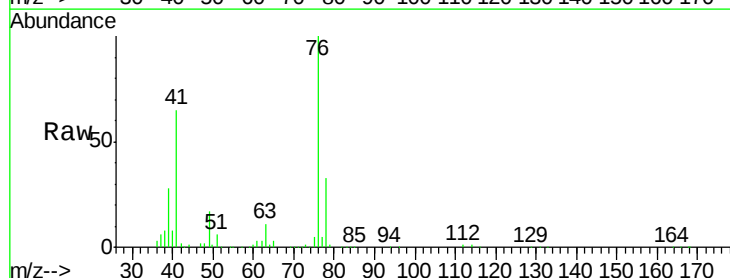
Acq: 18 Jun 2018 13:10

Tgt Ion: 76 Resp: 88152

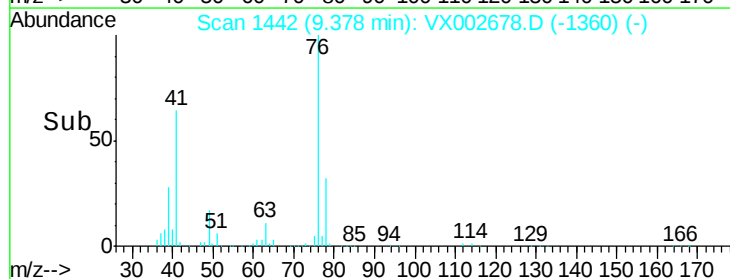
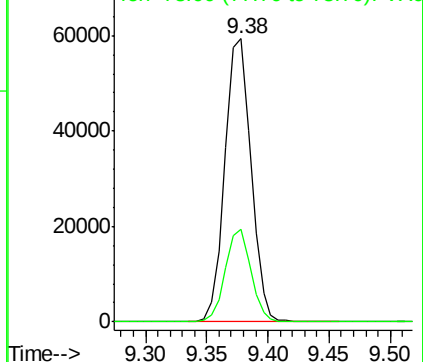
Ion Ratio Lower Upper

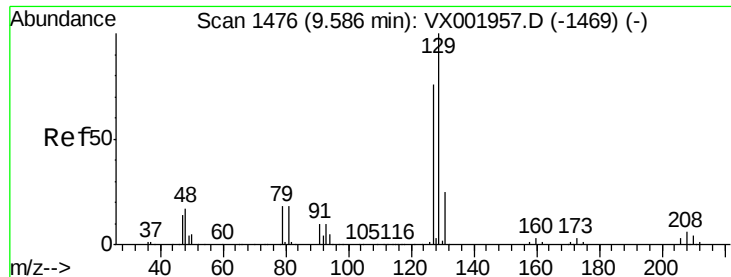
76 100

78 31.8 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 15.991 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

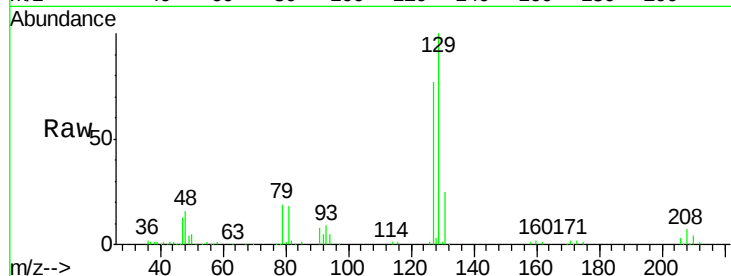
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 53127

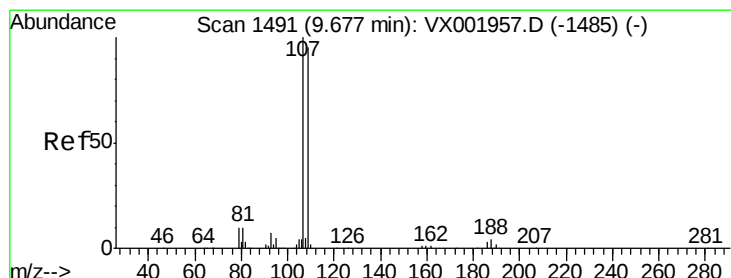
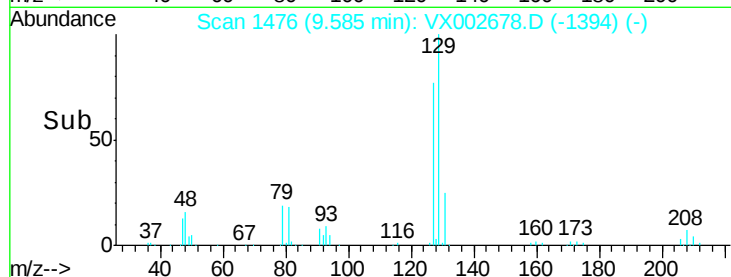
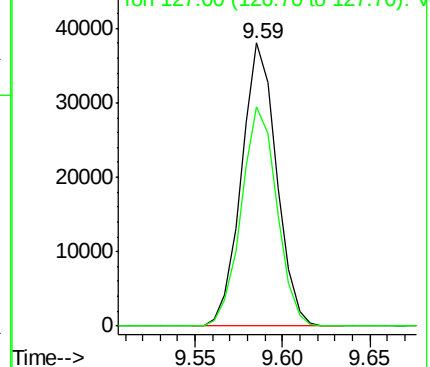
Ion Ratio Lower Upper

129 100

127 78.4 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: 18.987 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002678.D

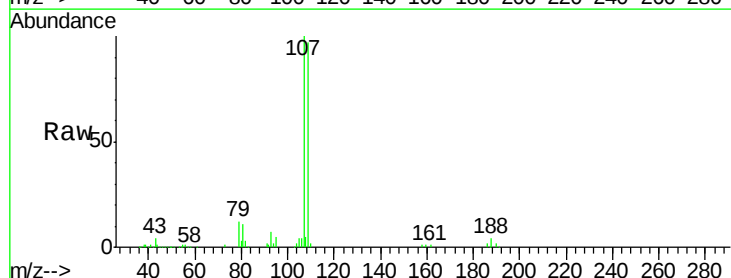
Acq: 18 Jun 2018 13:10

Tgt Ion:107 Resp: 55903

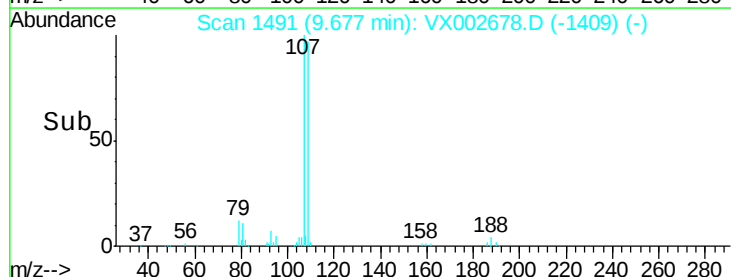
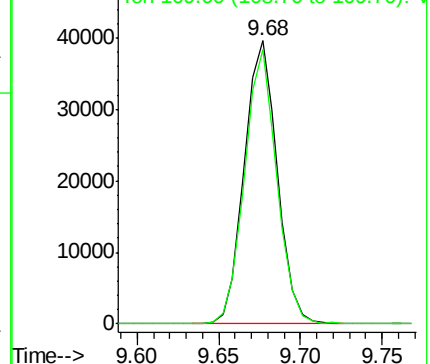
Ion Ratio Lower Upper

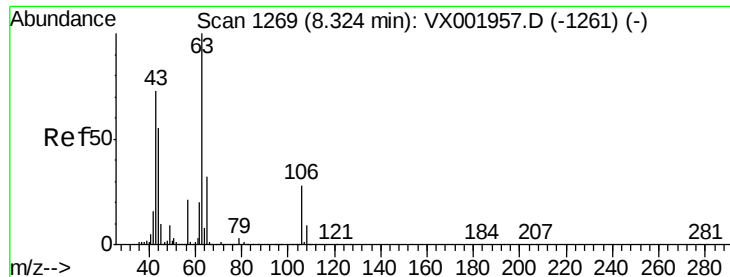
107 100

109 94.6 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: 86.038 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

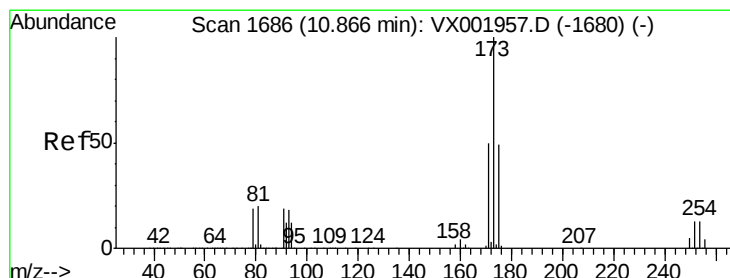
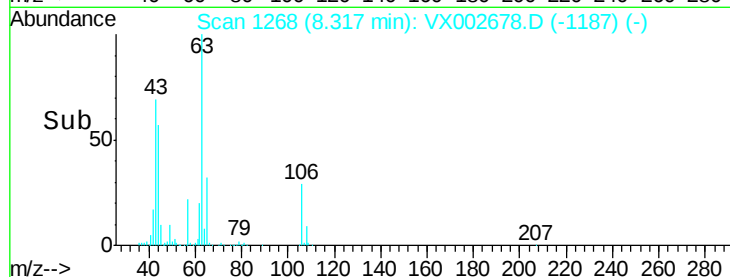
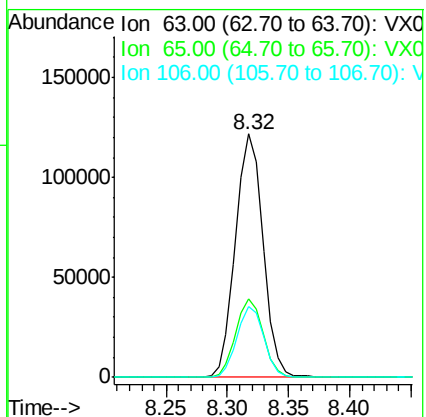
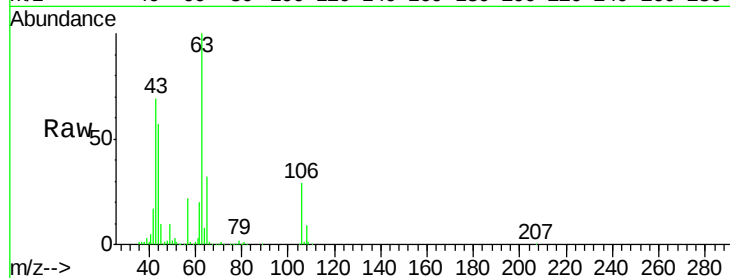
Tot Ion: 63 Resp: 190243

Ion Ratio Lower Upper

63 100

65 32.2 25.6 38.4

106 28.5 21.6 32.4



#56

Bromoform

Concen: 13.901 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

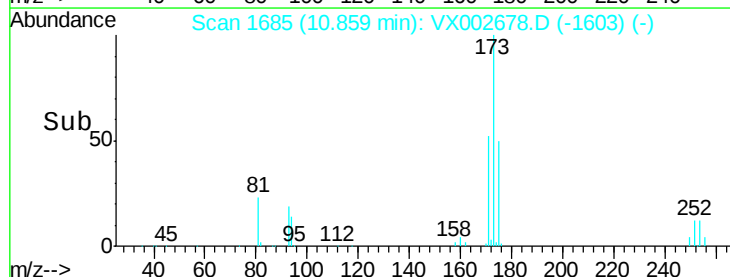
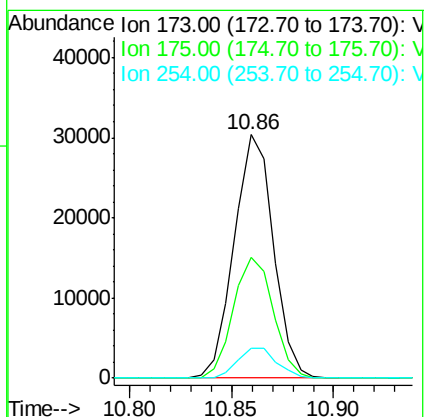
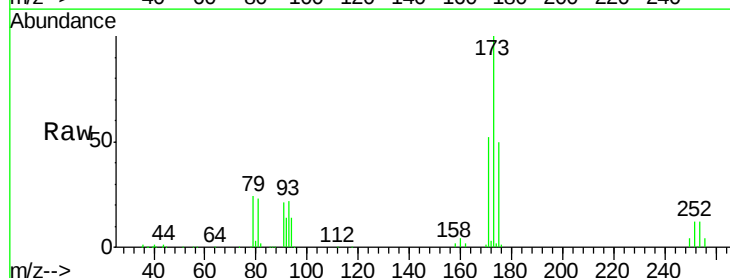
Tgt Ion:173 Resp: 40611

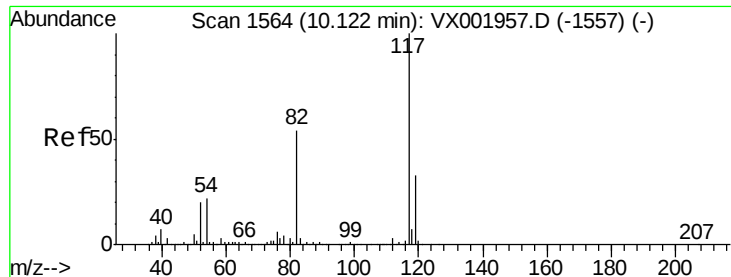
Ion Ratio Lower Upper

173 100

175 50.3 39.0 58.4

254 12.5 9.6 14.4

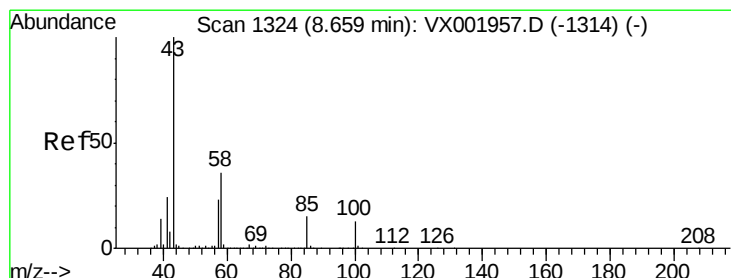
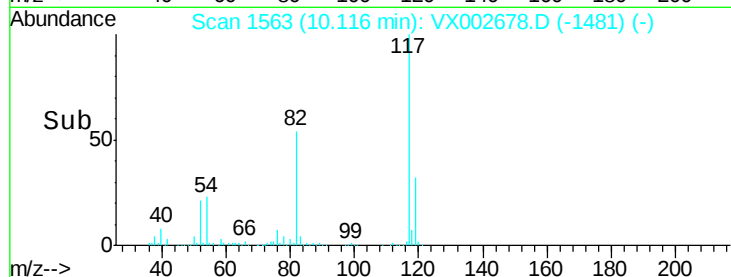
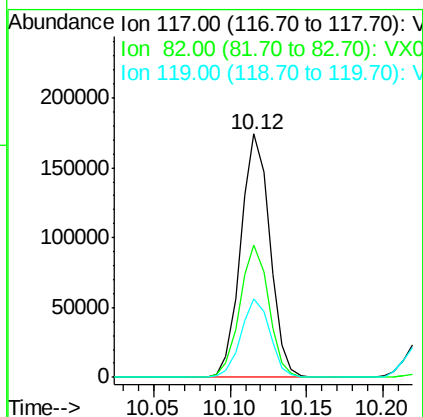
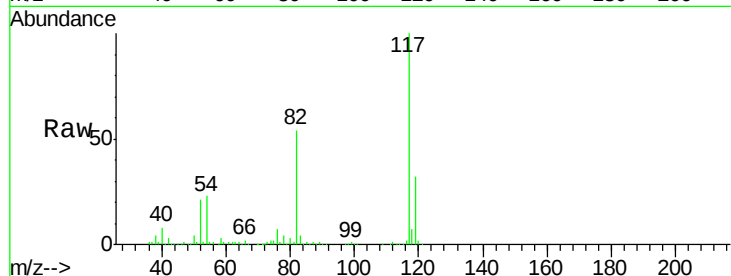




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

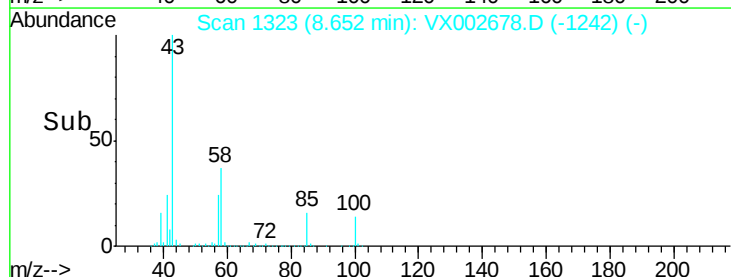
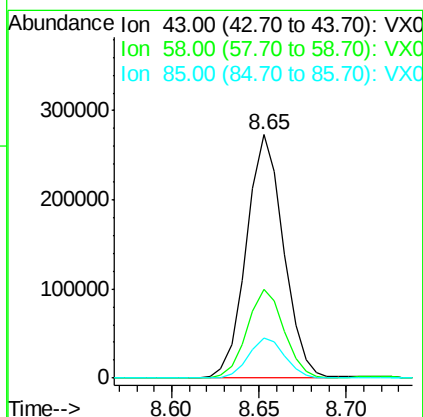
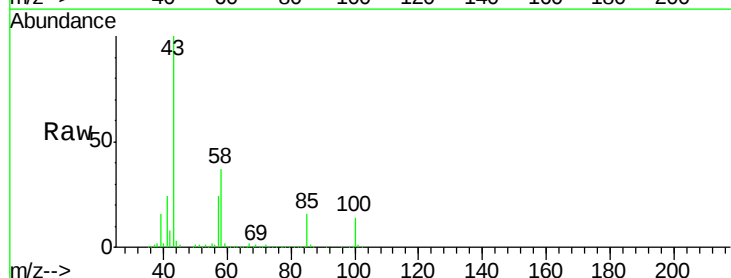
Instrument :
MSVOA_X
ClientSampled :

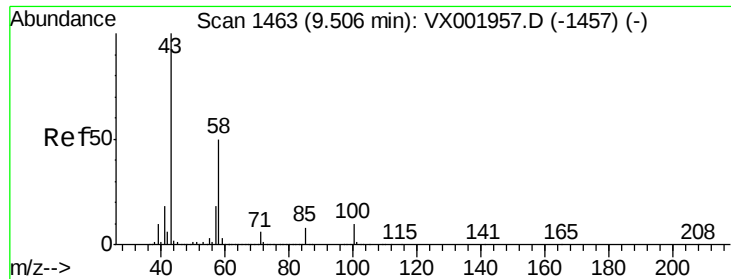
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	31.9	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 80.388 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.2	42.4
85	16.5	12.4	18.6

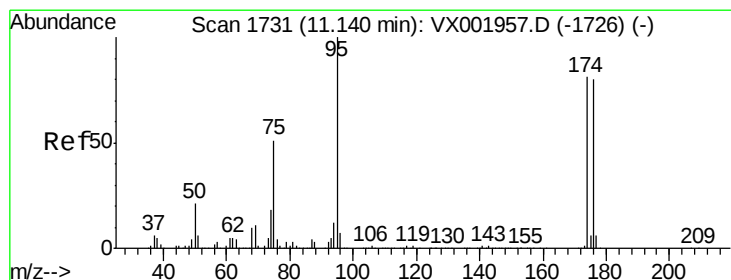
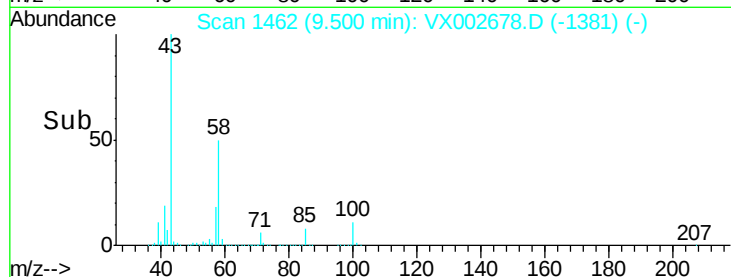
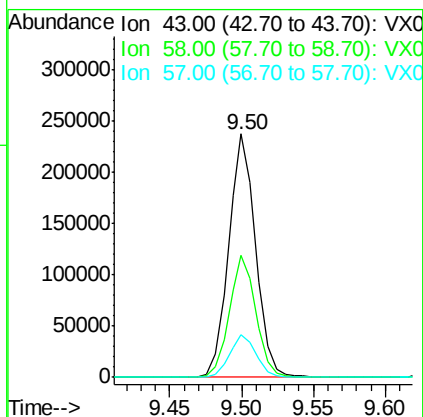
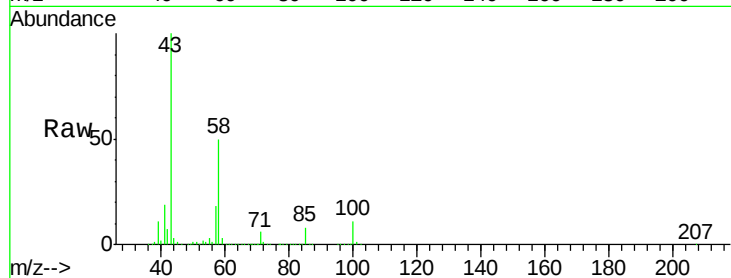




#59
2-Hexanone
Concen: 79.687 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

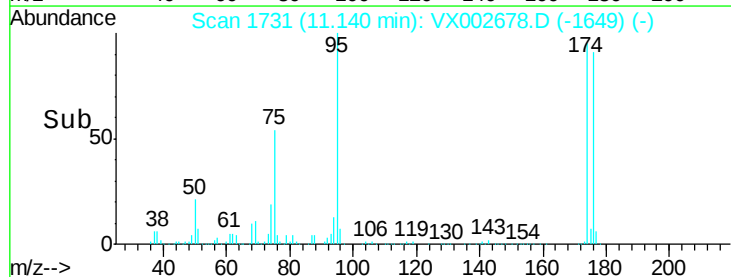
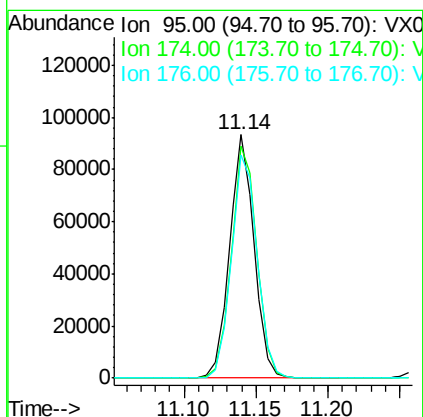
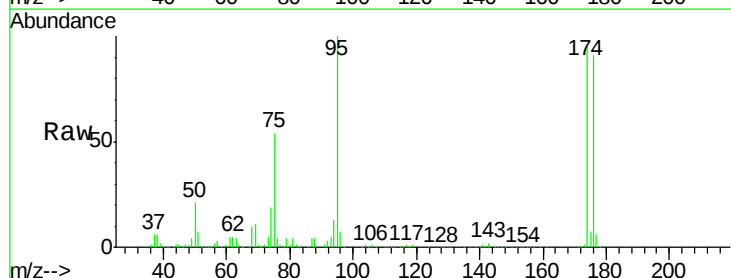
Instrument :
MSVOA_X
ClientSampleId :

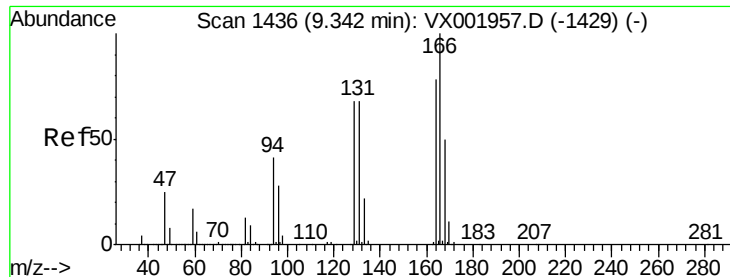
Tot Ion: 43 Resp: 310961
Ion Ratio Lower Upper
43 100
58 49.6 39.6 59.4
57 17.6 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 28.163 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 95 Resp: 111408
Ion Ratio Lower Upper
95 100
174 99.0 71.8 107.6
176 96.3 70.1 105.1





#61

Tetrachloroethene

Concen: 18.372 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 64756

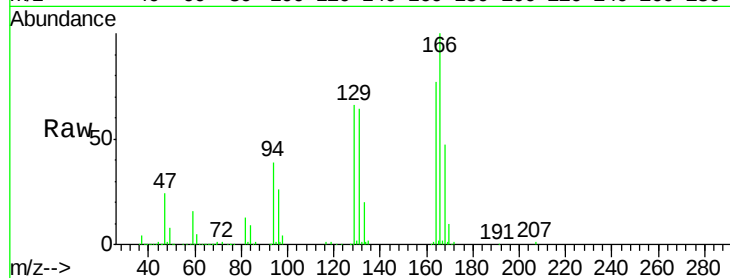
Ion Ratio Lower Upper

164 100

166 130.6 102.4 153.6

129 86.5 70.1 105.1

131 83.5 69.1 103.7

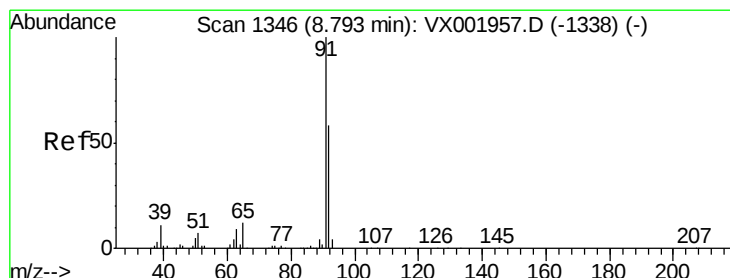
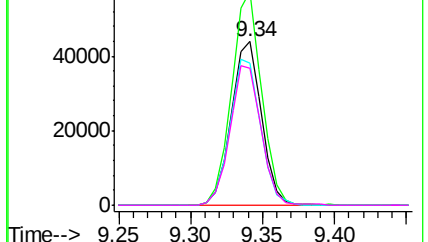
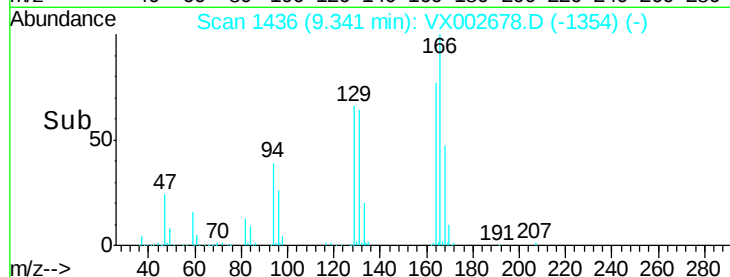


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.436 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002678.D

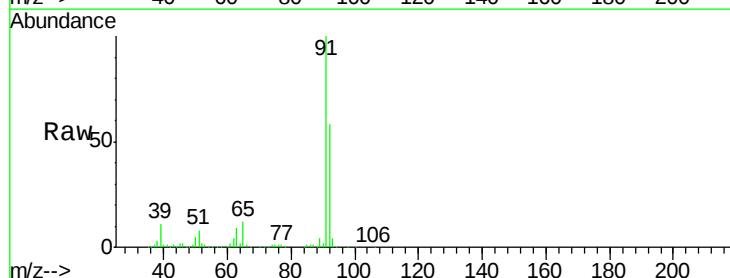
Acq: 18 Jun 2018 13:10

Tgt Ion: 91 Resp: 229374

Ion Ratio Lower Upper

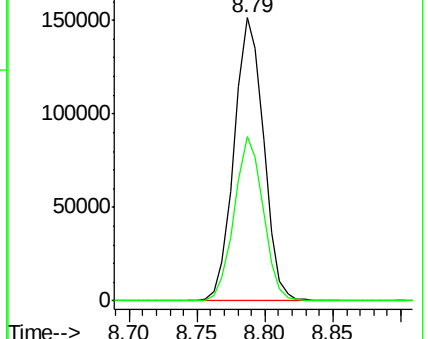
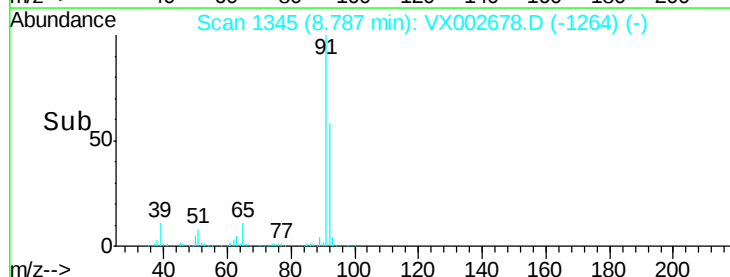
91 100

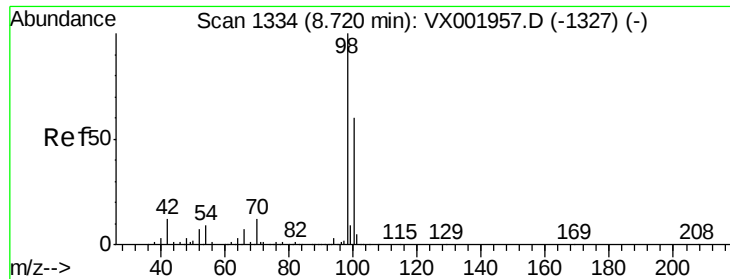
92 57.0 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

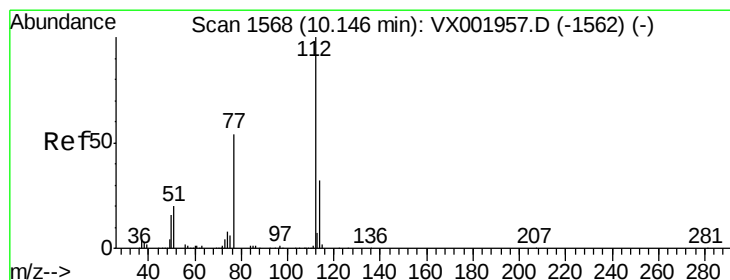
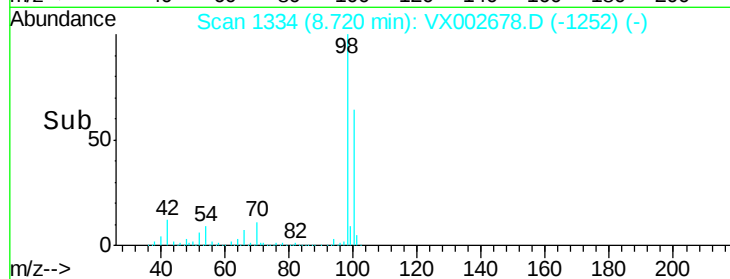
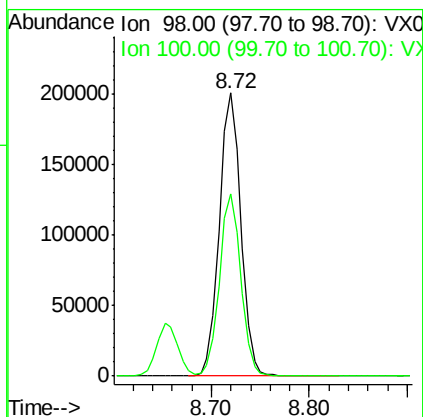
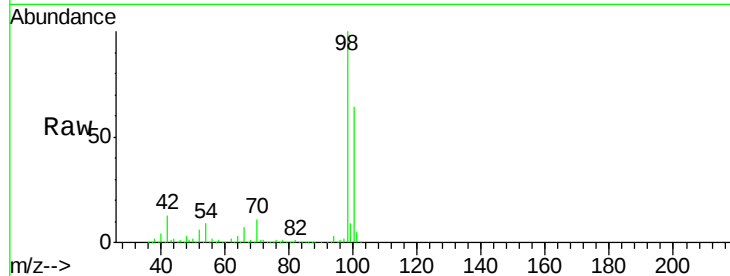




#63
Toluene-d8
Concen: 29.866 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

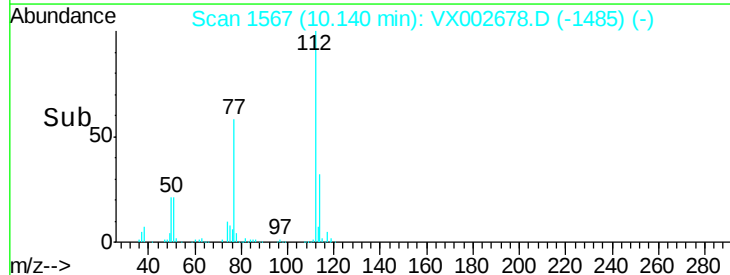
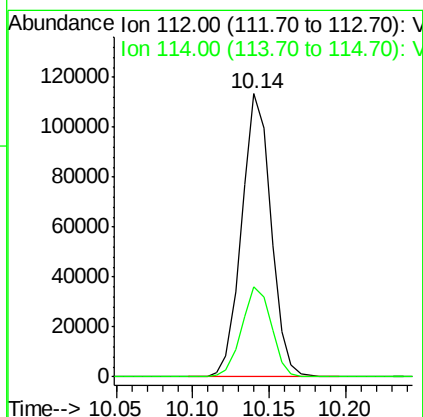
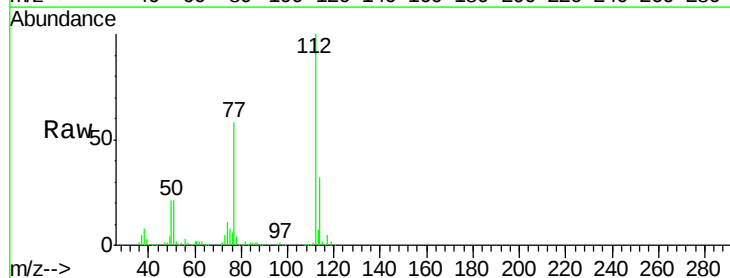
Instrument :
MSVOA_X
ClientSampled :

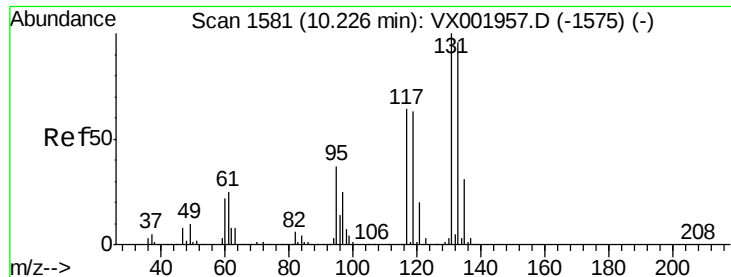
Tot Ion: 98 Resp: 307608
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



#64
Chlorobenzene
Concen: 19.757 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 112 Resp: 150903
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 17.592 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

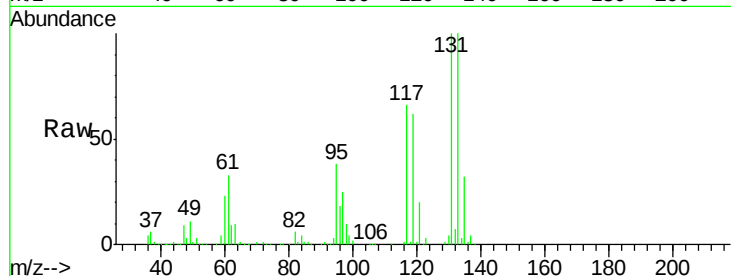
Tot Ion:131 Resp: 54681

Ion Ratio Lower Upper

131 100

133 97.9 0.0 191.2

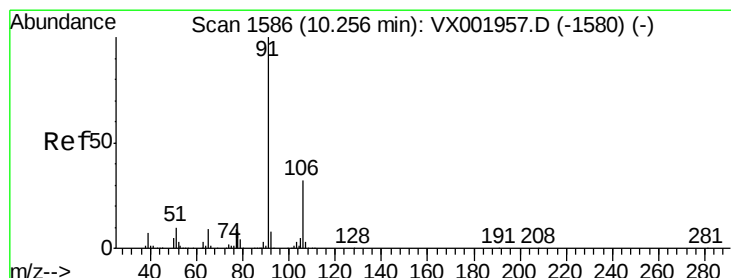
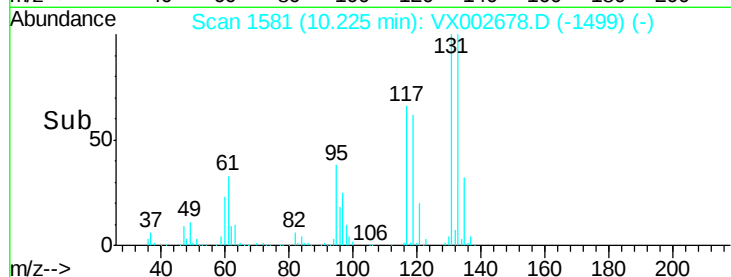
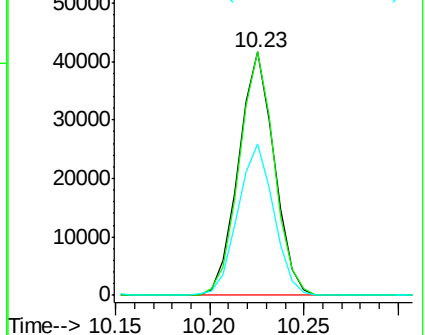
119 62.7 0.0 125.4



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: 19.344 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002678.D

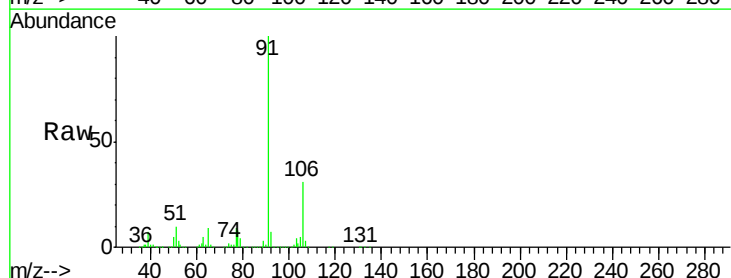
Acq: 18 Jun 2018 13:10

Tgt Ion: 91 Resp: 256570

Ion Ratio Lower Upper

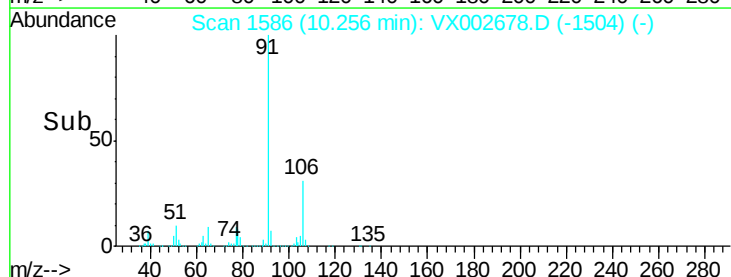
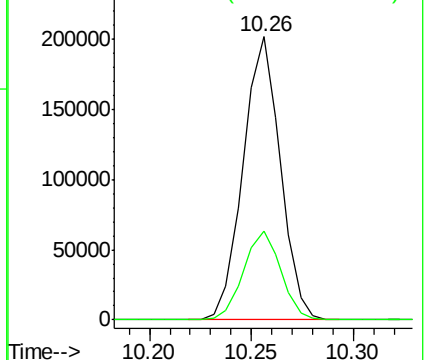
91 100

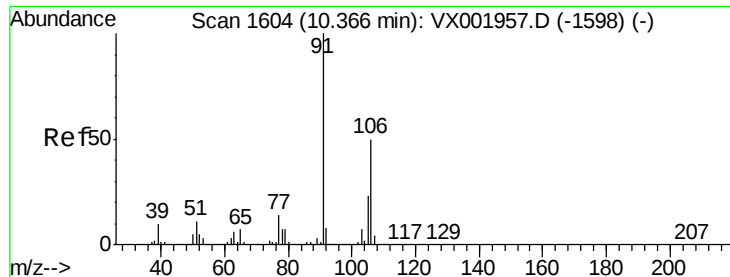
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 39.217 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

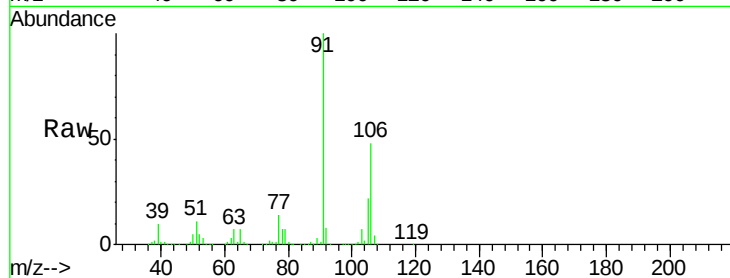
ClientSampled :

Tot Ion:106 Resp: 197465

Ion Ratio Lower Upper

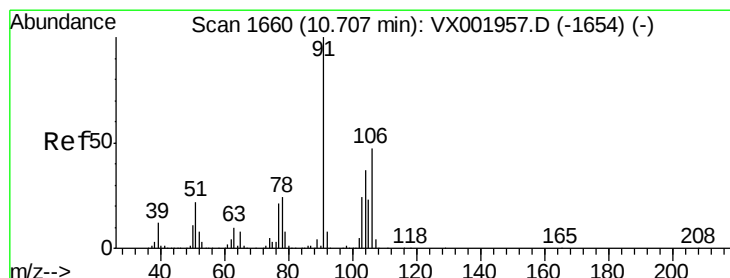
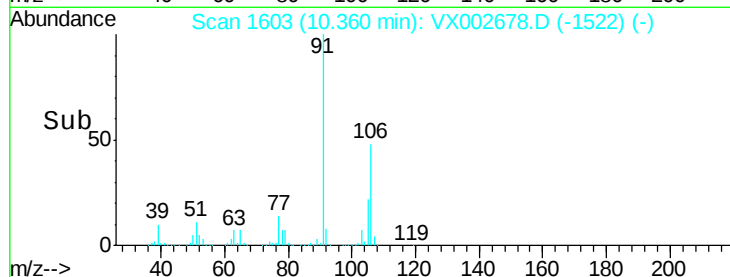
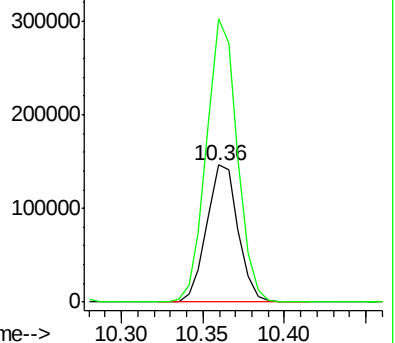
106 100

91 201.8 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.946 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002678.D

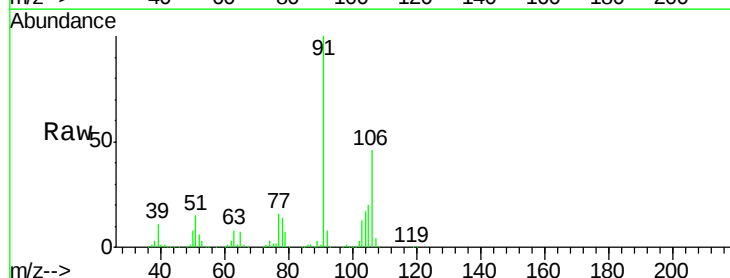
Acq: 18 Jun 2018 13:10

Tgt Ion:106 Resp: 95546

Ion Ratio Lower Upper

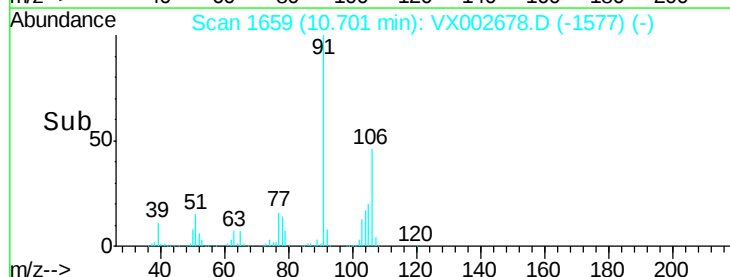
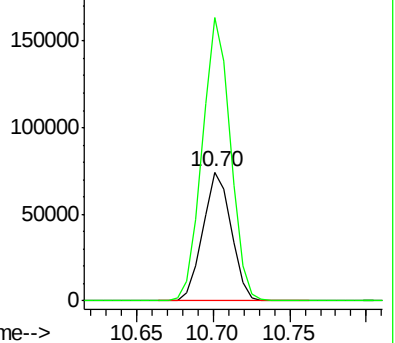
106 100

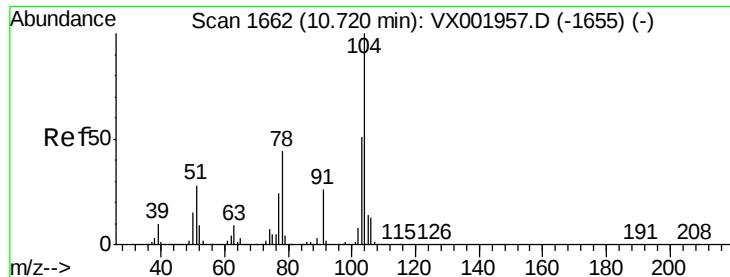
91 217.3 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

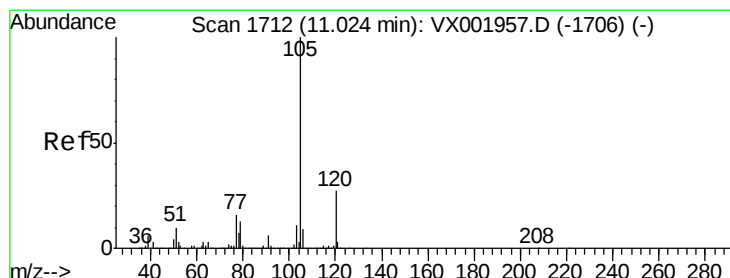
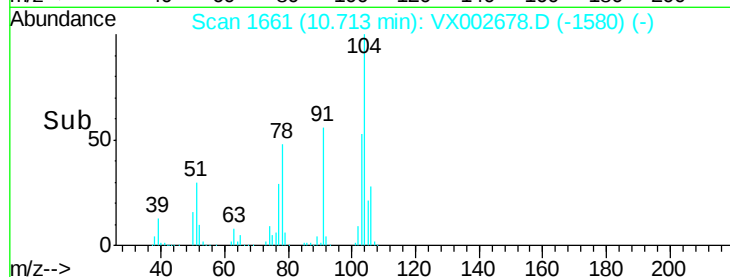
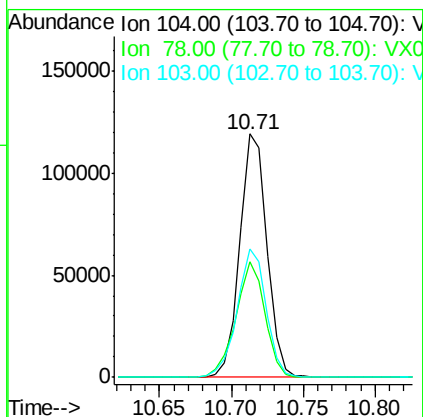
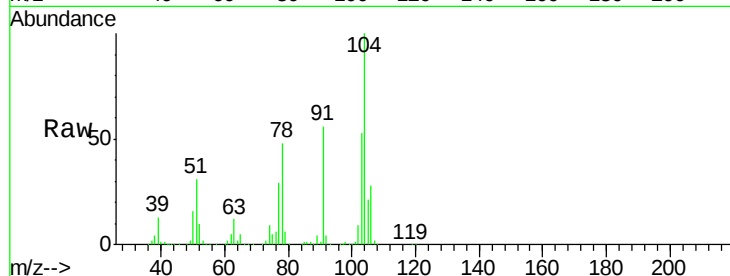




#69
Stvrene
Concen: 18.482 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

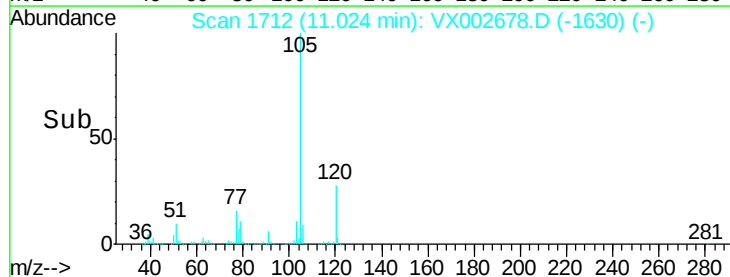
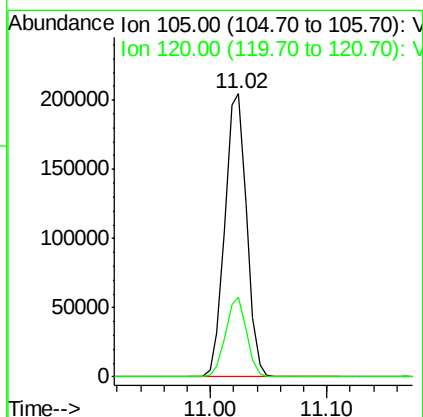
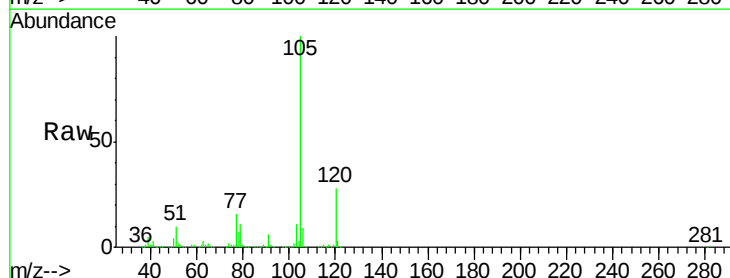
Instrument :
MSVOA_X
ClientSampleId :

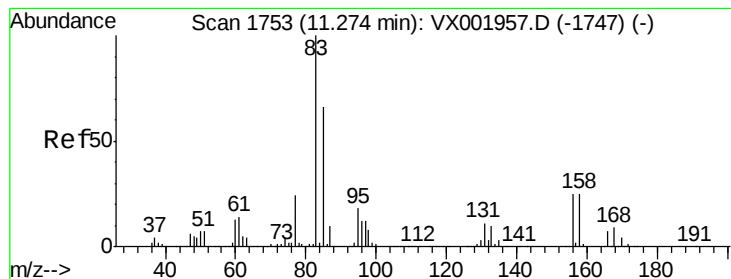
Tot Ion:104 Resp: 156469
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 56.3 44.9 67.3



#70
Isopropylbenzene
Concen: 19.578 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion:105 Resp: 264310
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 18.889 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampled :

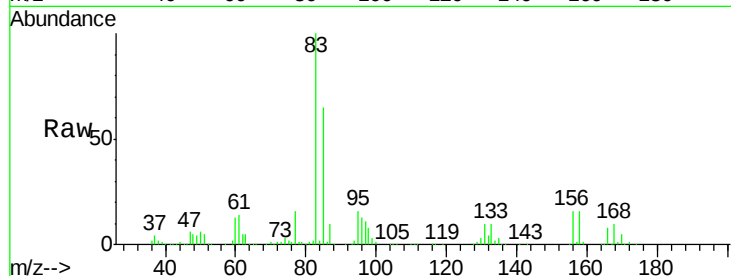
Tot Ion: 83 Resp: 79926

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

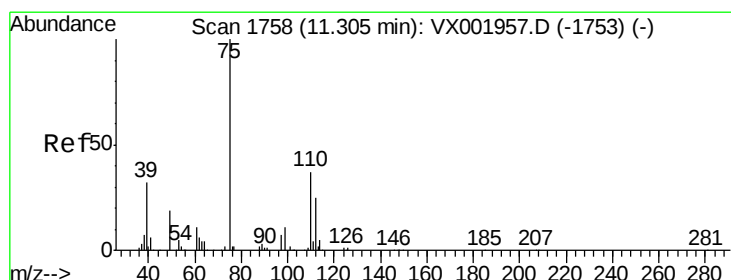
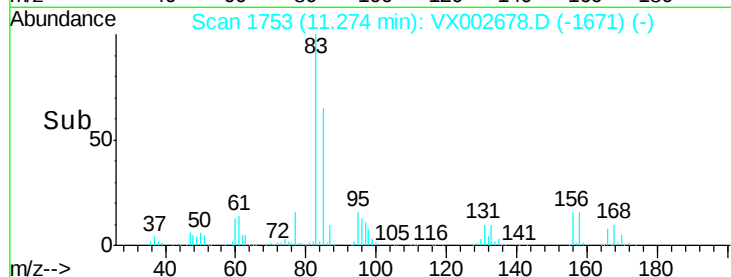
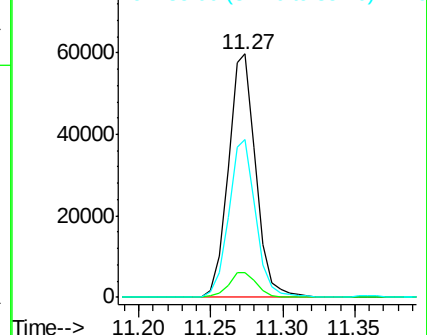
85 64.1 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.769 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002678.D

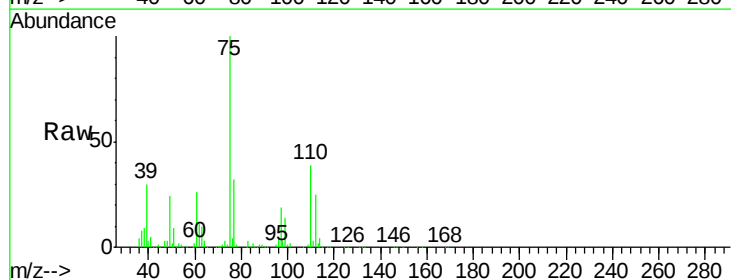
Acq: 18 Jun 2018 13:10

Tgt Ion: 75 Resp: 90745

Ion Ratio Lower Upper

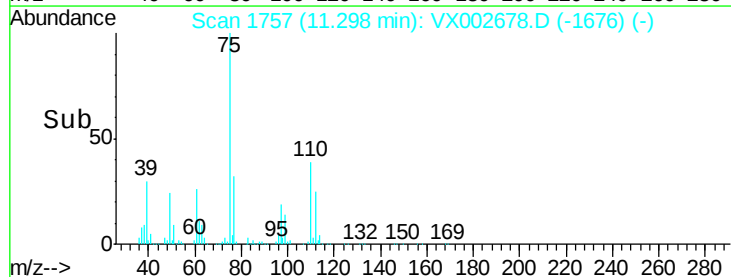
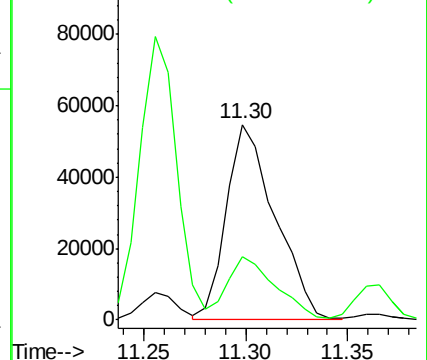
75 100

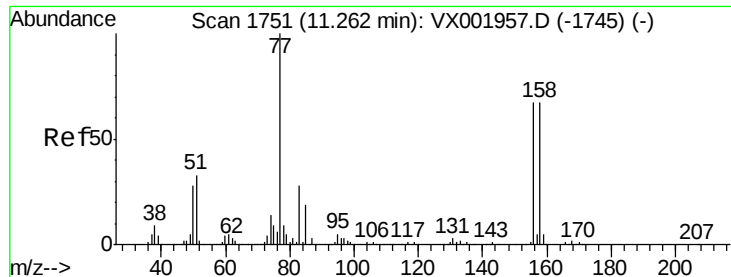
77 32.2 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.069 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

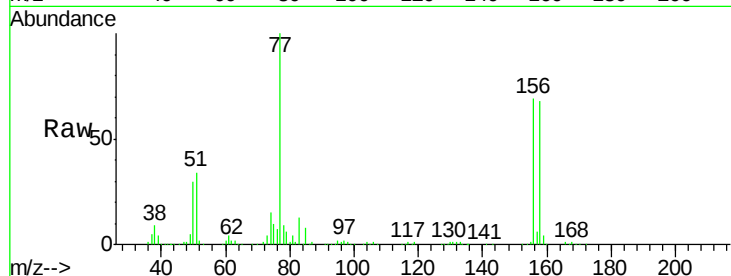
Tot Ion:156 Resp: 72772

Ion Ratio Lower Upper

156 100

77 138.1 0.0 301.0

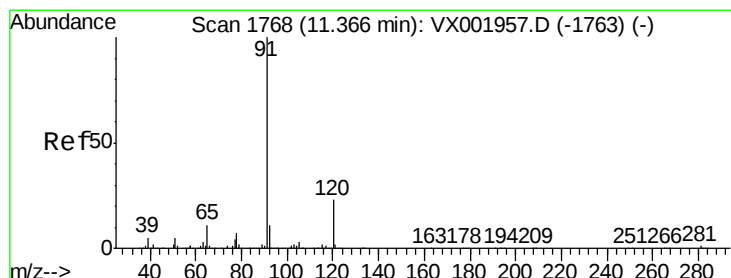
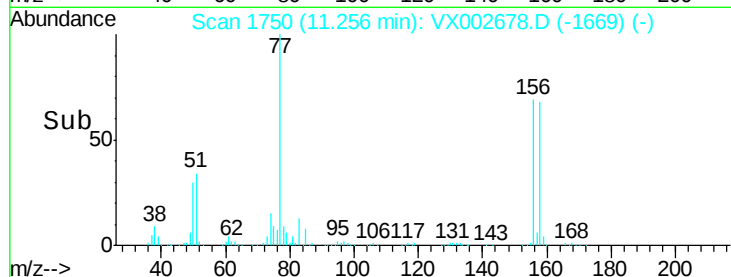
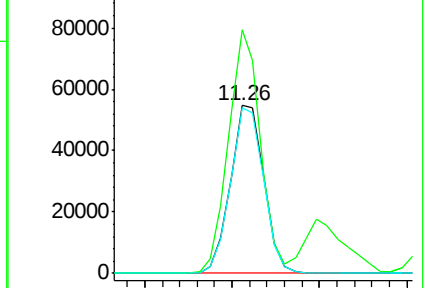
158 97.7 0.0 196.2



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: 20.302 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002678.D

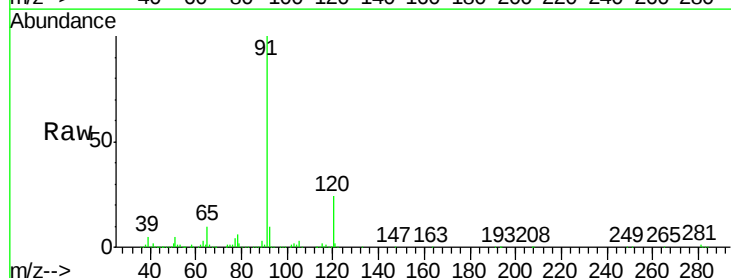
Acq: 18 Jun 2018 13:10

Tgt Ion: 91 Resp: 305948

Ion Ratio Lower Upper

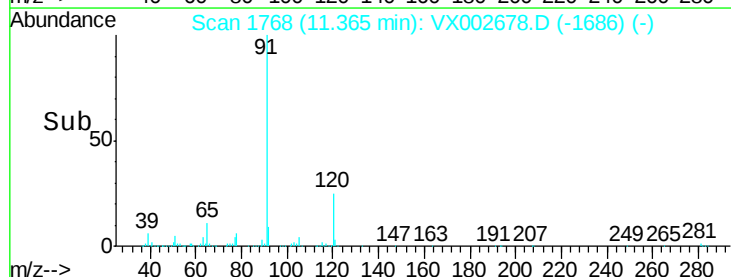
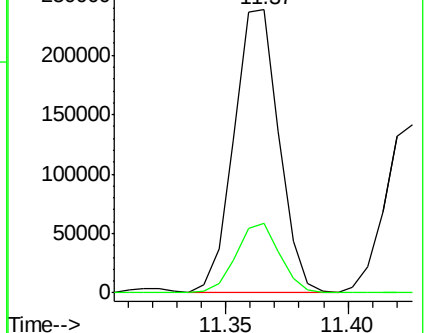
91 100

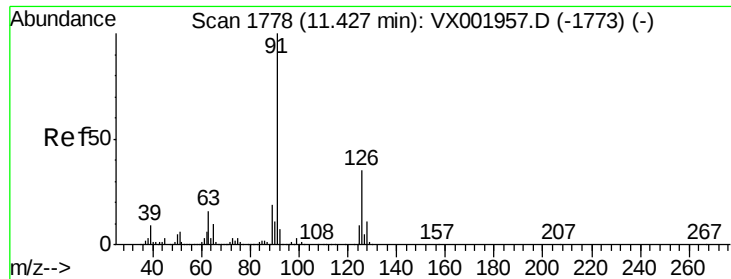
120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.162 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

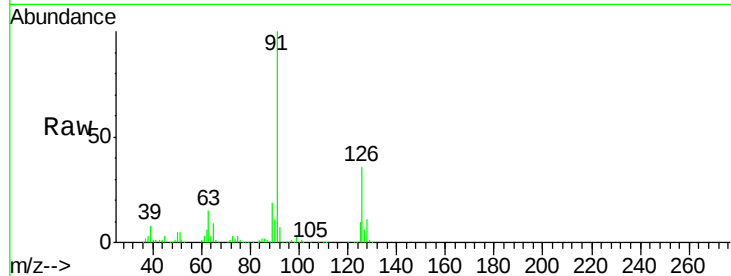
ClientSampled :

Tot Ion: 91 Resp: 178096

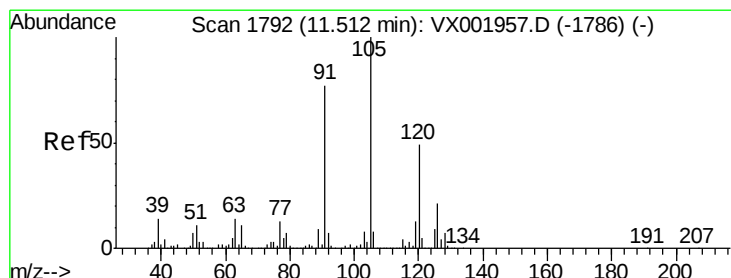
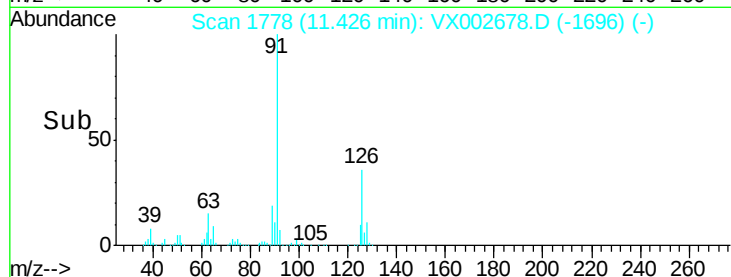
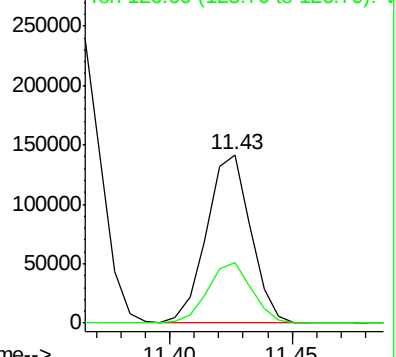
Ion Ratio Lower Upper

91 100

126 35.8 0.0 69.4



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



#76

1,3,5-Trimethylbenzene

Concen: 19.334 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002678.D

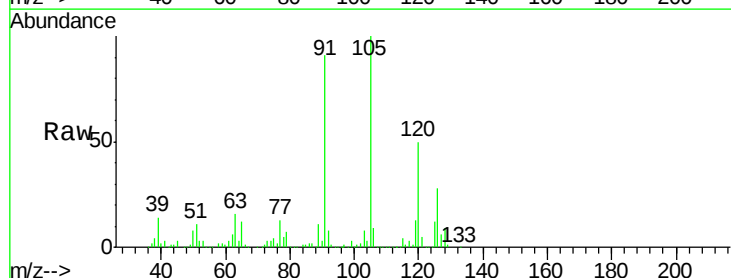
Acq: 18 Jun 2018 13:10

Tgt Ion:105 Resp: 221920

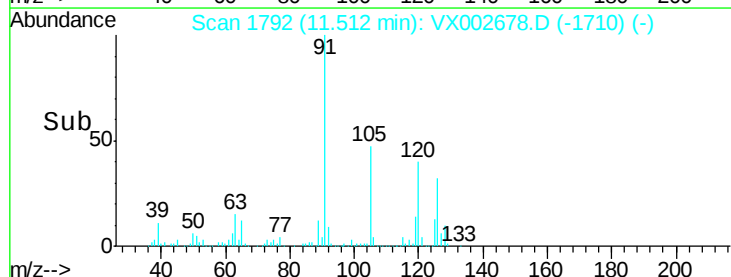
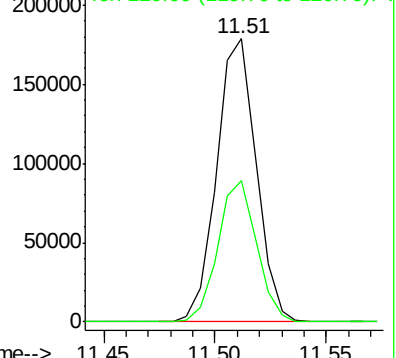
Ion Ratio Lower Upper

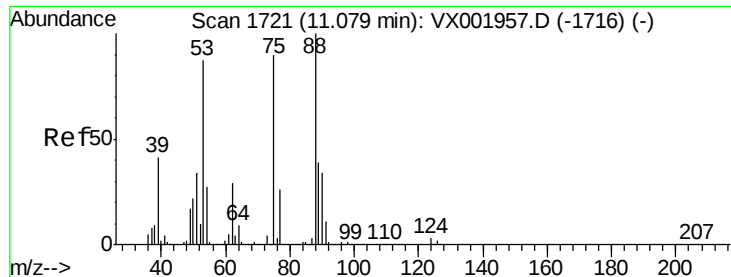
105 100

120 48.8 0.0 96.8



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





#77

t-1,4-Dichloro-2-butene

Concen: 14.262 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampled :

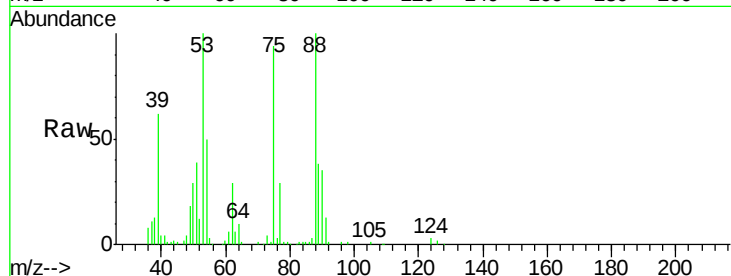
Tot Ion: 75 Resp: 20593

Ion	Ratio	Lower	Upper
75	100		
53	106.1	48.3	144.9
89	40.2	21.8	65.4

75 100

53 106.1 48.3 144.9

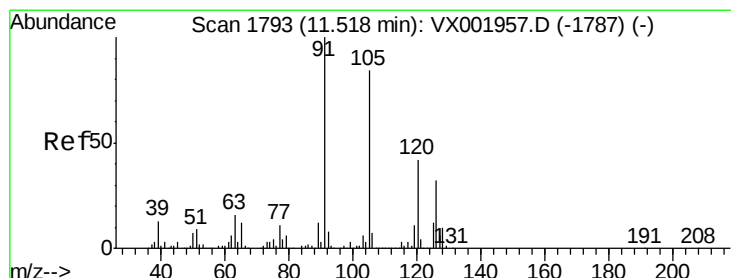
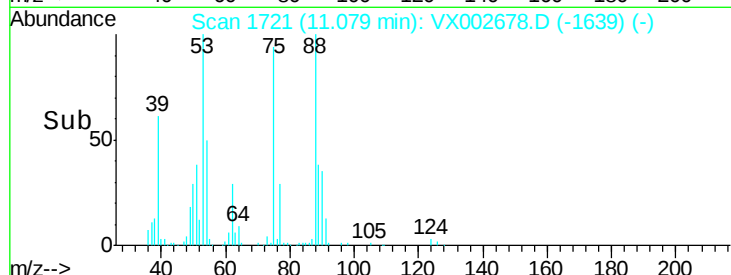
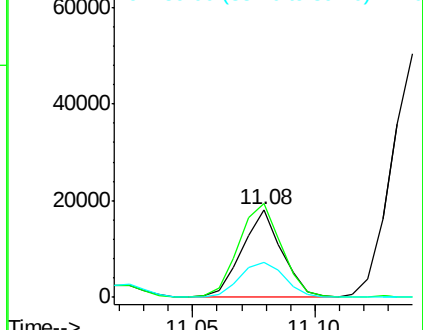
89 40.2 21.8 65.4



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: 19.369 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002678.D

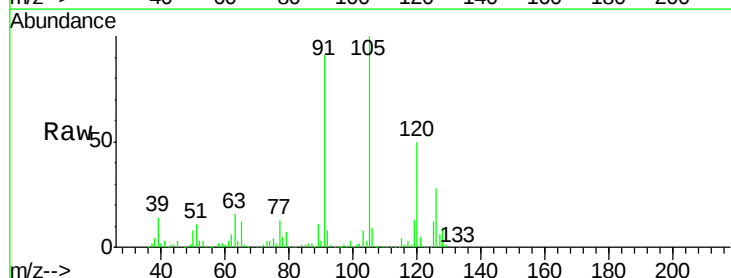
Acq: 18 Jun 2018 13:10

Tgt Ion: 91 Resp: 204727

Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	61.0

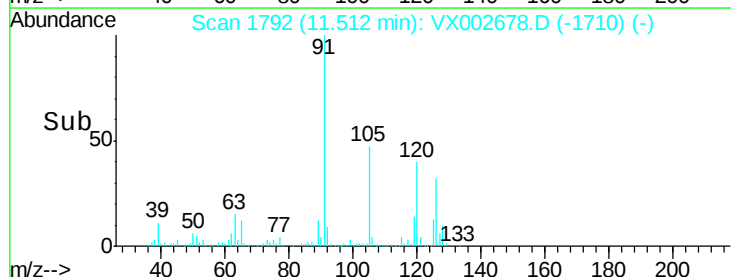
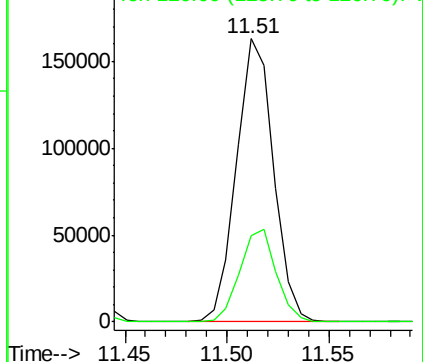
91 100

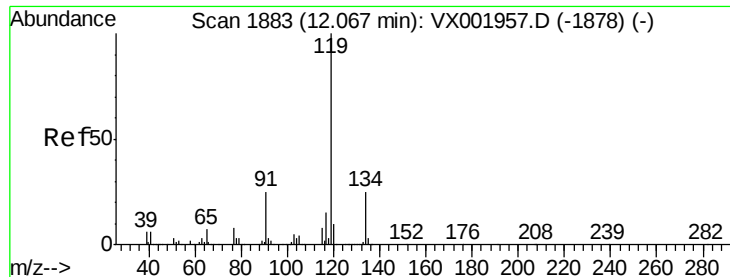
126 32.2 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.244 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampled :

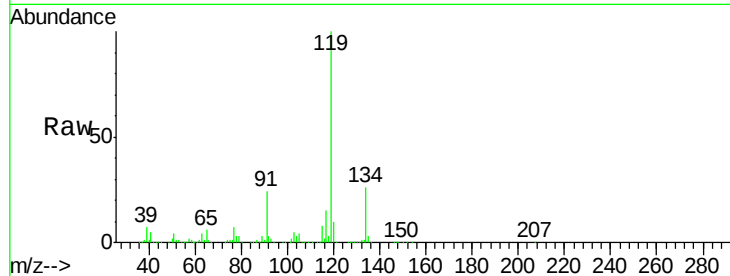
Tot Ion:119 Resp: 243655

Ion Ratio Lower Upper

119 100

91 23.9 0.0 48.0

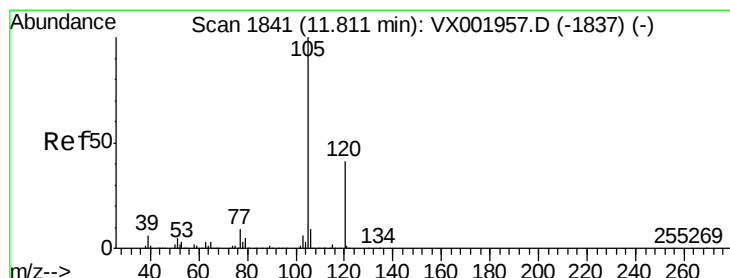
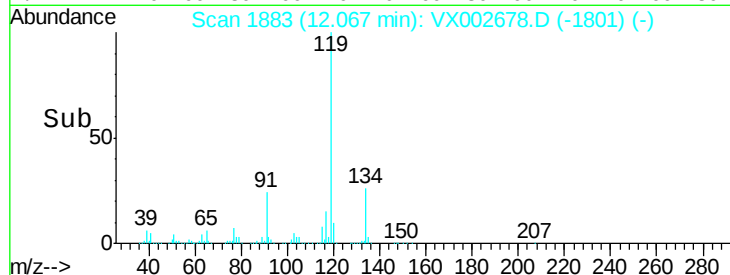
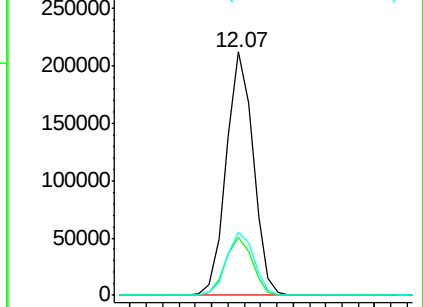
134 26.4 0.0 52.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.642 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002678.D

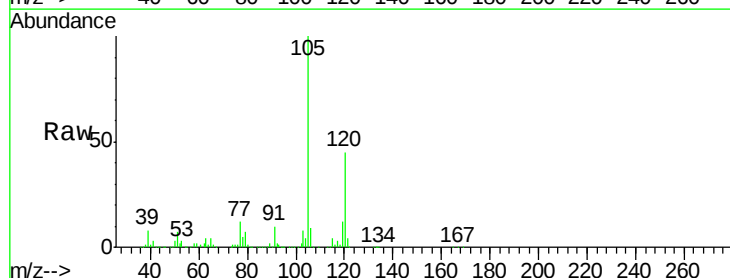
Acq: 18 Jun 2018 13:10

Tgt Ion:105 Resp: 227927

Ion Ratio Lower Upper

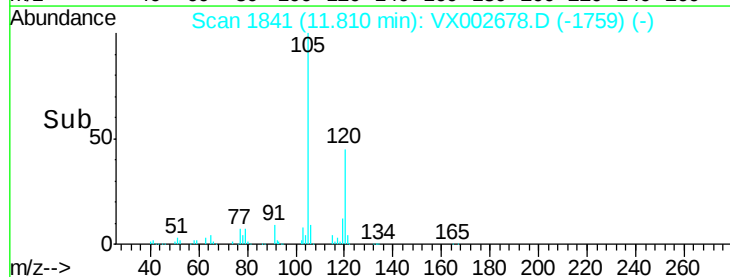
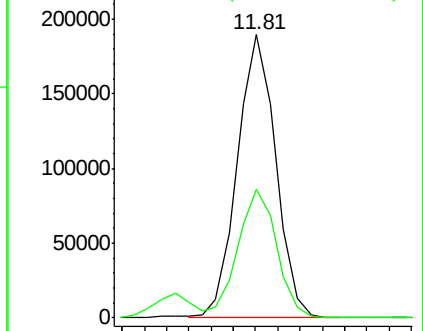
105 100

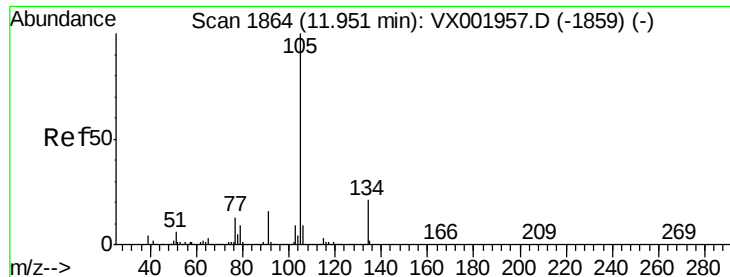
120 45.6 0.0 89.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 20.270 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

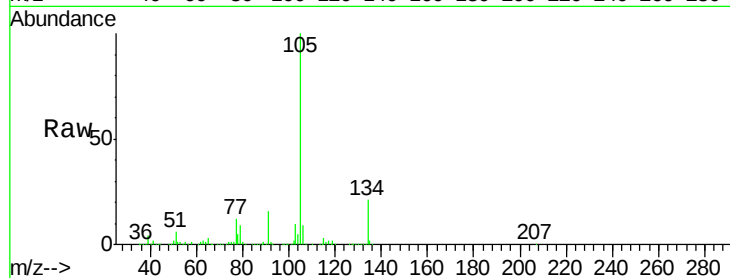
ClientSampleId :

Tot Ion:105 Resp: 272723

Ion Ratio Lower Upper

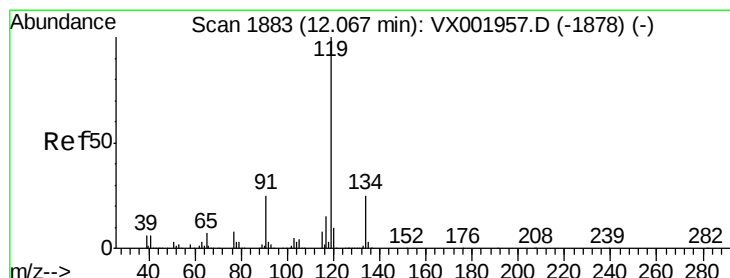
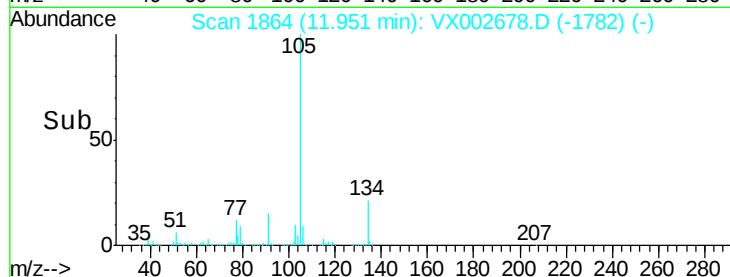
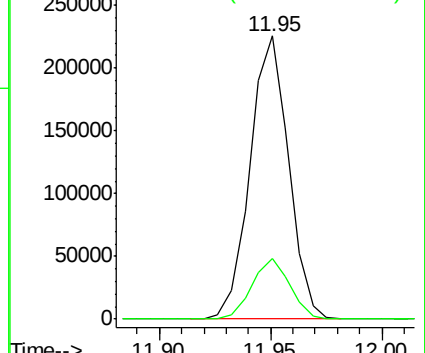
105 100

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



#82

p-Isopropyltoluene

Concen: 20.244 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

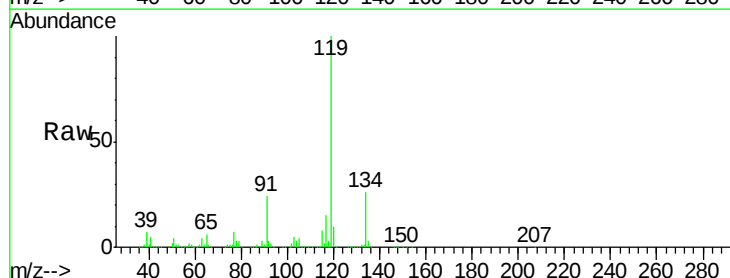
Tgt Ion:119 Resp: 243655

Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.6

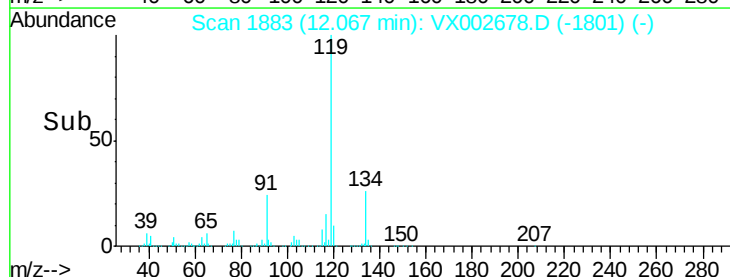
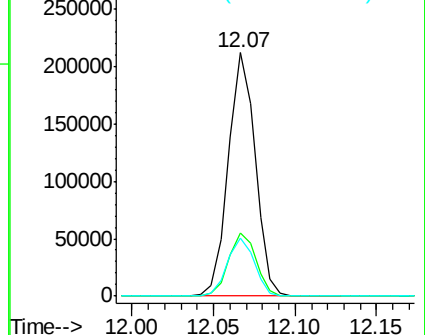
91 23.9 0.0 48.0

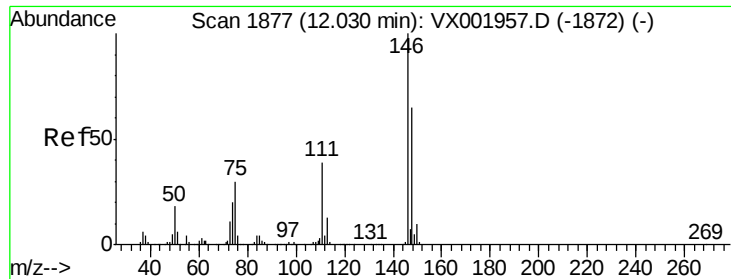


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

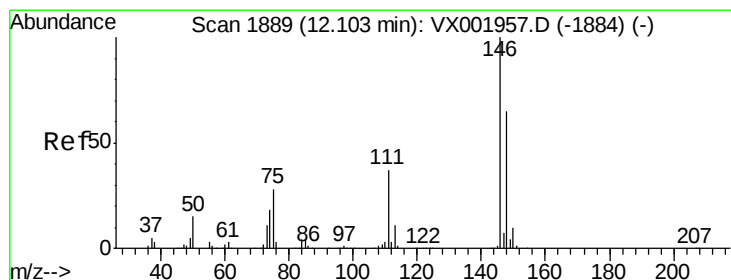
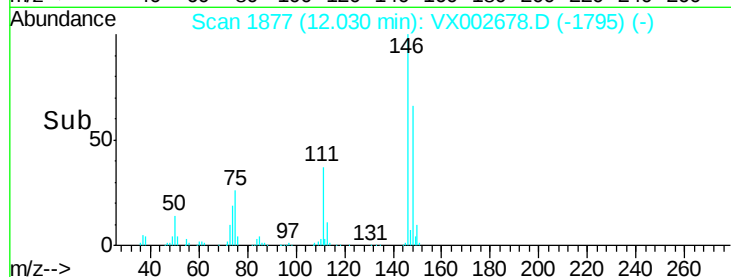
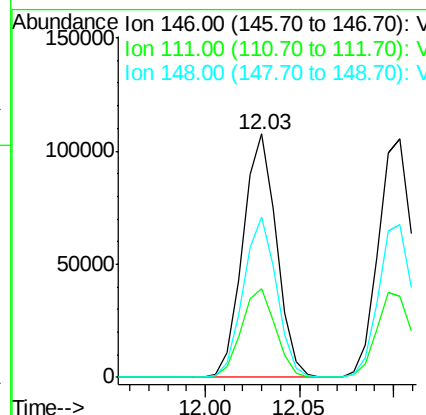
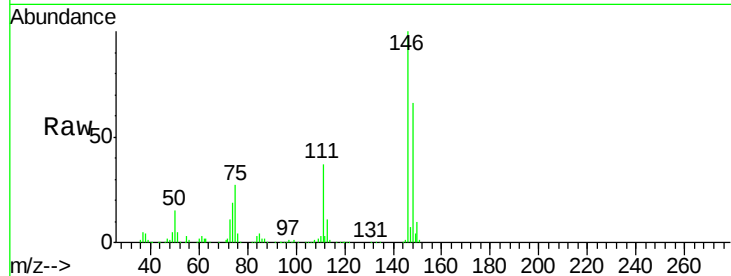




#83
 1,3-Dichlorobenzene
 Concen: 20.701 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

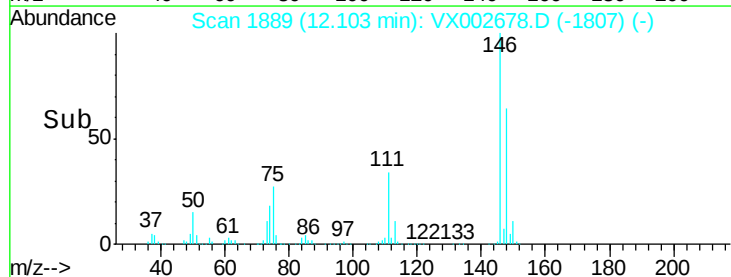
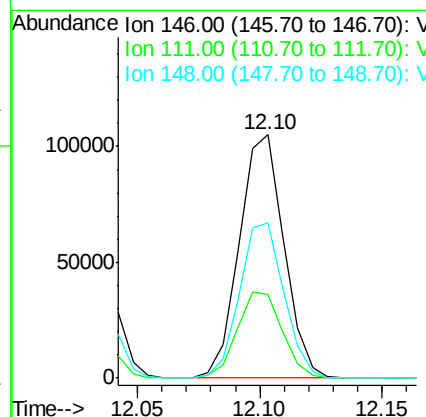
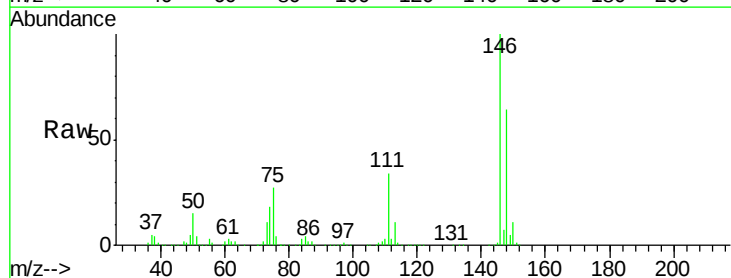
Instrument :
 MSVOA_X
 ClientSampled :

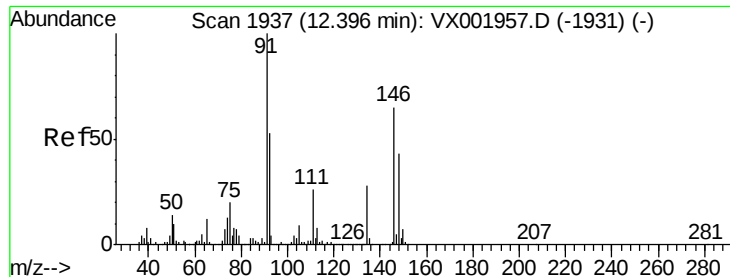
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.5
148	65.0	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.5	55.5
148	63.4	32.0	96.0

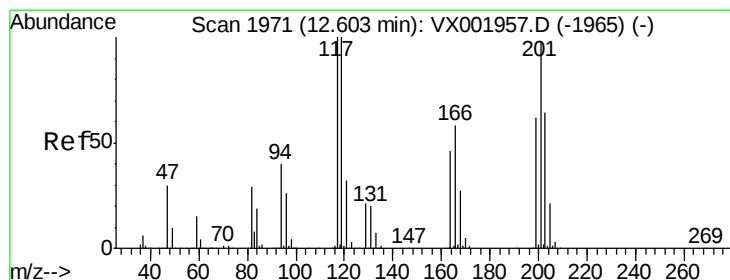
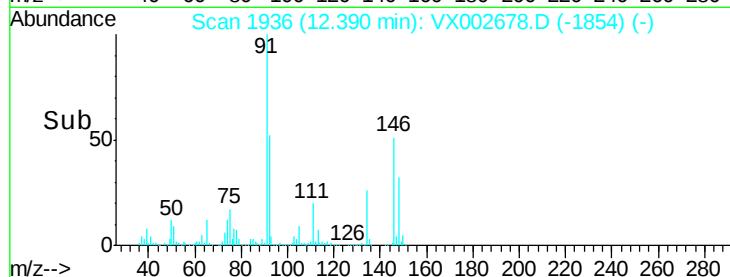
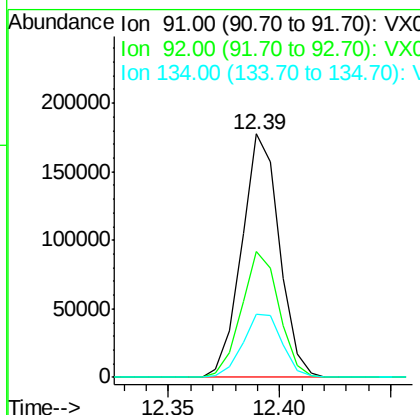
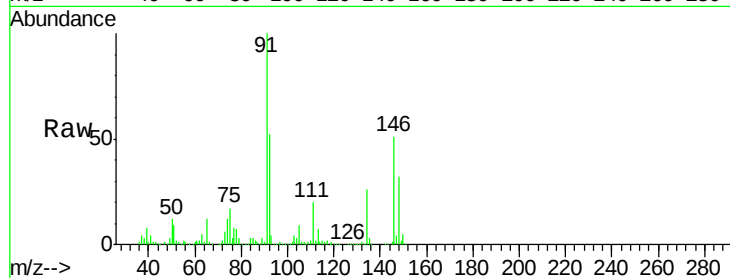




#85
n-Butylbenzene
Concen: 20.724 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

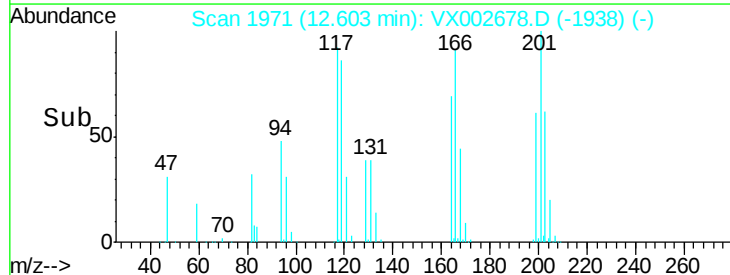
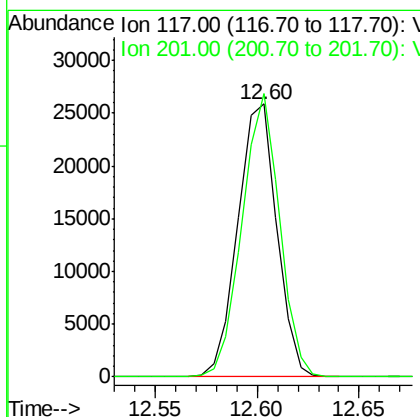
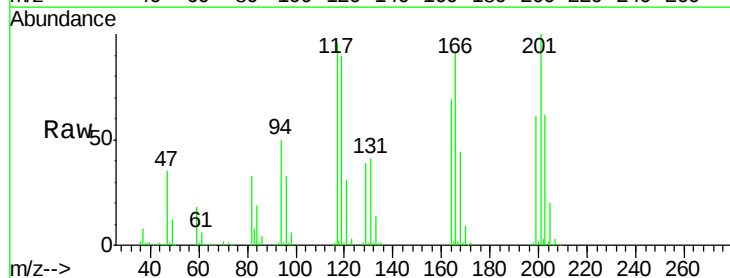
Instrument :
MSVOA_X
ClientSampled :

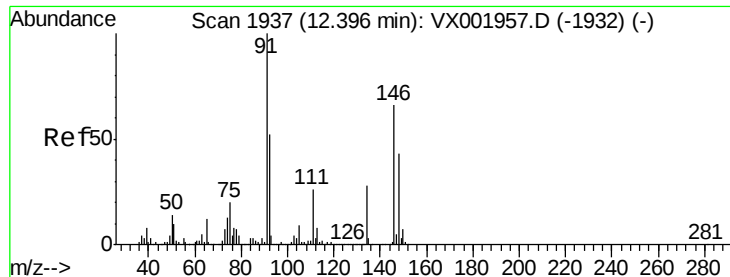
Tot Ion: 91 Resp: 209190
Ion Ratio Lower Upper
91 100
92 51.7 0.0 105.2
134 27.2 0.0 53.2



#86
Hexachloroethane
Concen: 14.420 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 117 Resp: 34536
Ion Ratio Lower Upper
117 100
201 98.9 47.6 142.8





#87

1,2-Dichlorobenzene

Concen: 20.383 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

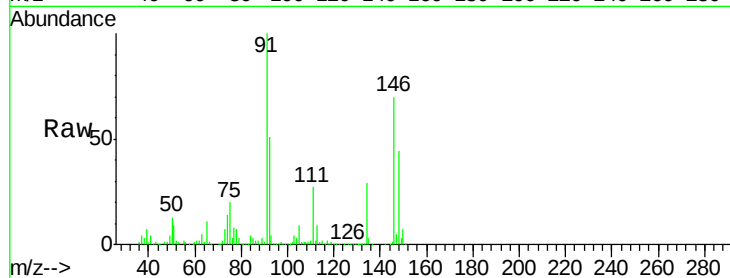
Tot Ion:146 Resp: 134896

Ion Ratio Lower Upper

146 100

111 38.0 20.0 59.9

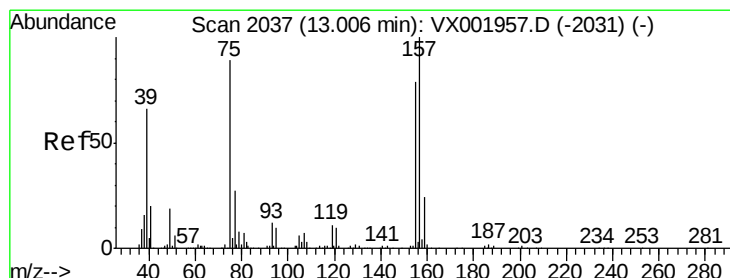
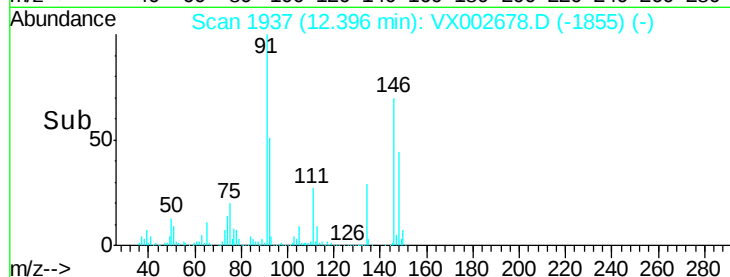
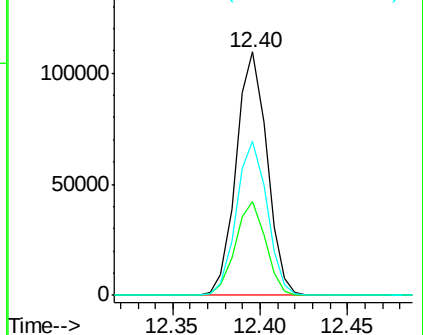
148 63.1 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 13.324 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

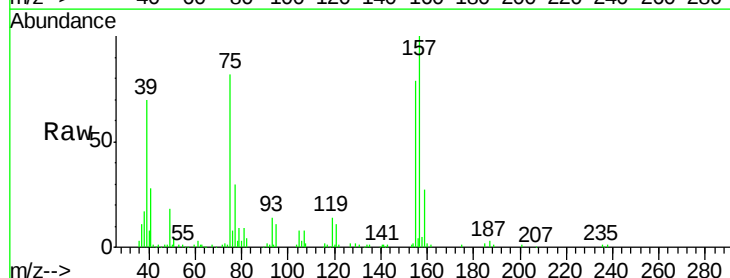
Tgt Ion: 75 Resp: 16421

Ion Ratio Lower Upper

75 100

155 94.2 73.1 109.7

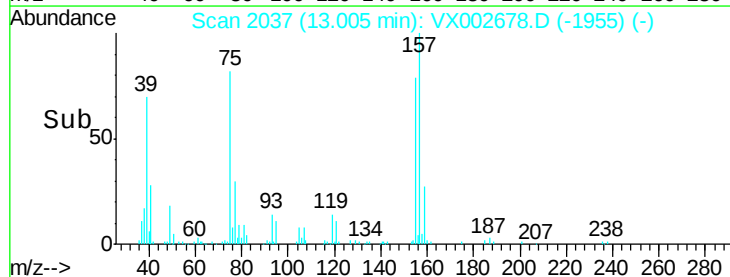
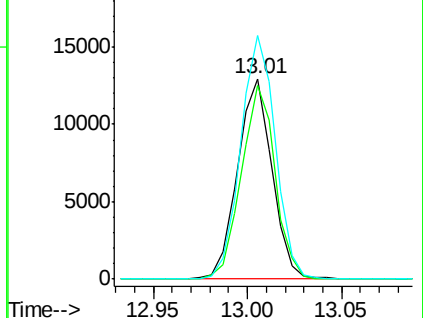
157 122.1 93.1 139.7

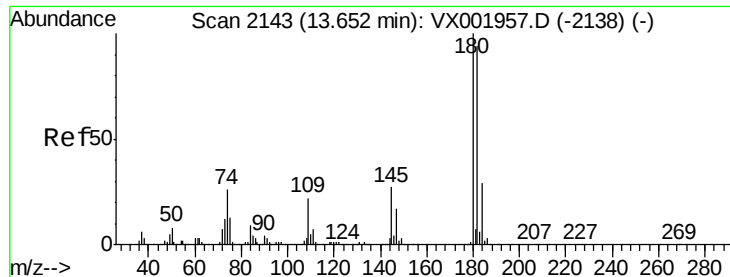


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

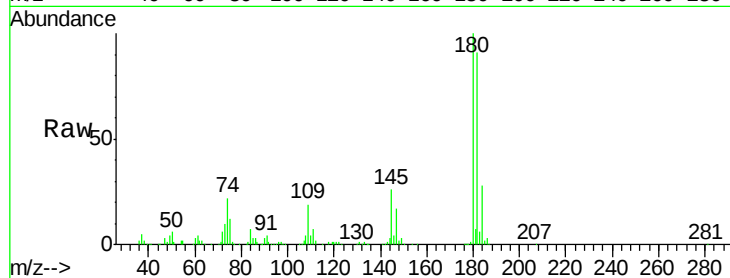




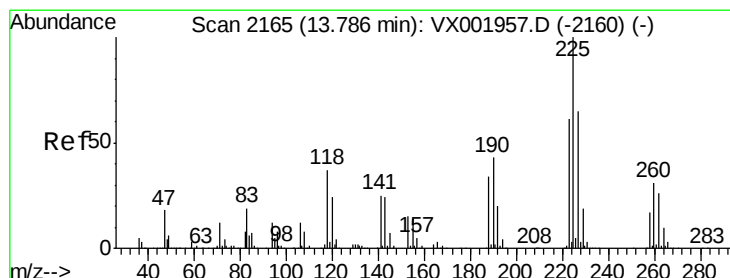
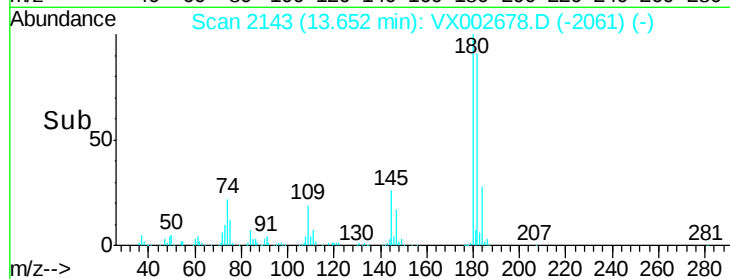
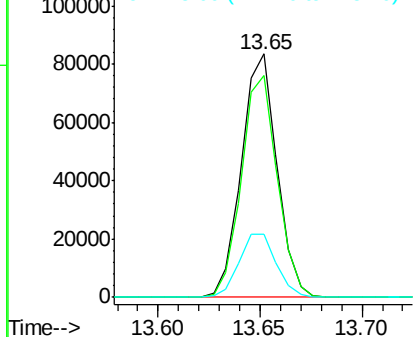
#89
 1,2,4-Trichlorobenzene
 Concen: 21.479 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.4	114.6
145	27.3	22.9	34.3

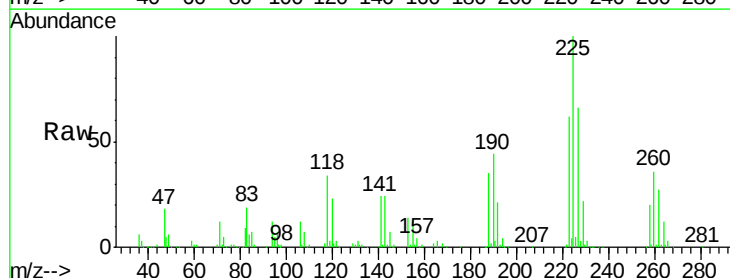


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

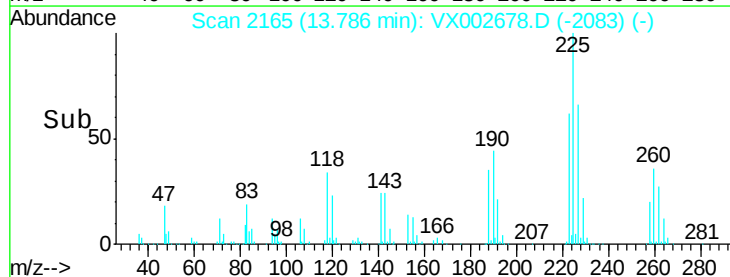
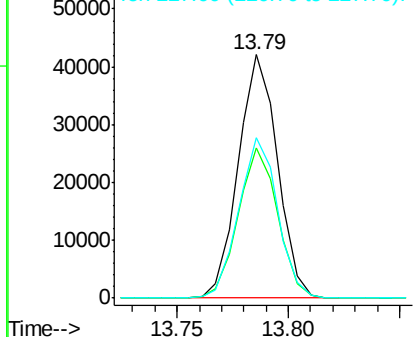


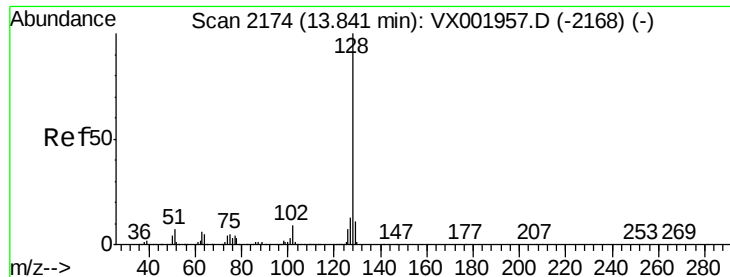
#90
 Hexachlorobutadiene
 Concen: 20.706 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	122.4
227	65.3	0.0	128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 18.115 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

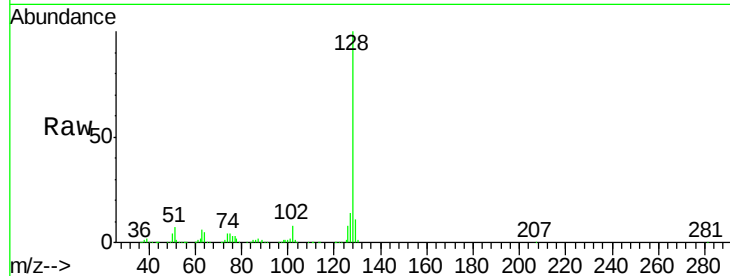
Tot Ion:128 Resp: 268661

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

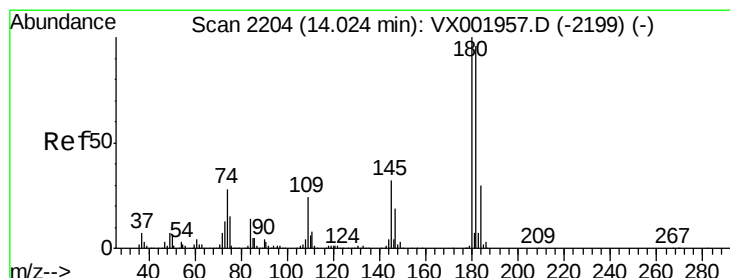
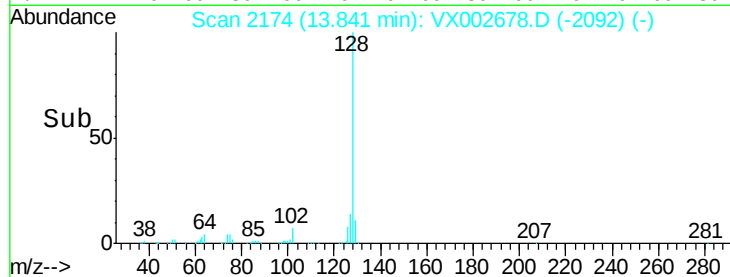
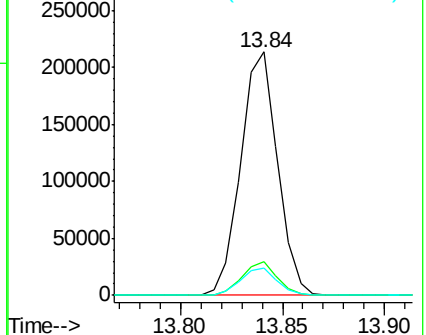
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 20.325 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

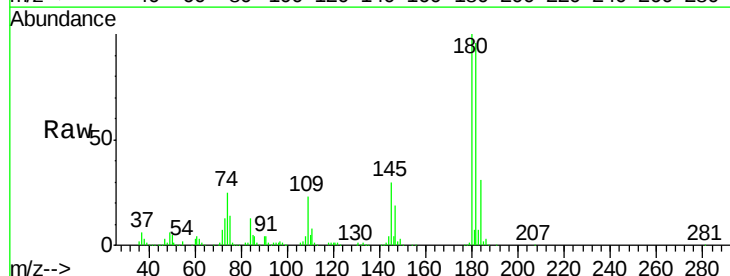
Tgt Ion:180 Resp: 99772

Ion Ratio Lower Upper

180 100

182 97.0 0.0 191.0

145 29.9 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

