

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003213.D
 Acq On : 06 Jul 2018 13:51
 Operator : JC/MD
 Sample : VX0706WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

Quant Time: Jul 06 14:14:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	49863	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	264735	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	240324	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	106276	27.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.03%
60) 4-Bromofluorobenzene	11.14	95	118029	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	8.72	98	315478	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	41826	17.574	ug/l 100
3) Chloromethane	1.32	50	40840	15.807	ug/l 98
4) Vinyl Chloride	1.40	62	47239	16.410	ug/l 100
5) Bromomethane	1.64	94	18297	10.879	ug/l 96
6) Chloroethane	1.72	64	30541	15.775	ug/l 99
7) Trichlorofluoromethane	1.93	101	81803	15.987	ug/l 100
8) Diethyl Ether	2.19	74	31712	17.382	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	48941	16.711	ug/l 96
10) 1,1-Dichloroethene	2.37	96	42557	16.509	ug/l 93
11) Methyl Iodide	2.51	142	34239	11.533	ug/l 97
12) Methyl Acetate	2.78	43	91646	21.907	ug/l 97
13) Acrolein	2.30	56	7817	26.281	ug/l 99
14) Acrylonitrile	3.15	53	148771	94.554	ug/l 99
15) Acetone	2.45	58	43277	98.958	ug/l 92
16) Carbon Disulfide	2.57	76	92542	14.338	ug/l 97
17) Allyl chloride	2.73	41	82997	16.179	ug/l 97
18) Methylene Chloride	2.86	84	65417	22.171	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	45417	16.431	ug/l 96
20) Diisopropyl ether	3.87	45	173356	18.136	ug/l 95
21) 1,1-Dichloroethane	3.70	63	90785	17.663	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	59643	20.074	ug/l 80
23) tert-Butyl Alcohol	3.07	59	69629	97.472	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	162272	16.860	ug/l 96
25) Chloroform	5.21	83	100650	19.513	ug/l 97
26) Cyclohexane	5.58	56	74402	17.039	ug/l # 94
29) 1,1-Dichloropropene	5.81	75	66562	18.618	ug/l 98
30) 2-Butanone	4.71	43	234560	114.659	ug/l 96
31) 2,2-Dichloropropane	4.59	77	79543	20.818	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	84656	19.602	ug/l 99
33) Carbon Tetrachloride	5.79	117	75563	19.466	ug/l 97
34) Benzene	6.15	78	207930	19.639	ug/l 98
35) Methacrylonitrile	5.07	41	48491	21.771	ug/l 96
36) 1,2-Dichloroethane	6.21	62	81433	19.590	ug/l 98
37) Trichloroethene	7.21	130	61280	19.762	ug/l 88
38) Methylcyclohexane	7.46	83	72684	16.711	ug/l 98
39) 1,2-Dichloropropane	7.52	63	54021	19.560	ug/l 98
40) Dibromomethane	7.67	93	37681	19.638	ug/l 93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

Quant Time: Jul 06 14:14:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	69590	19.307	ug/l	97
42) Vinyl Acetate	3.83	43	696092	89.720	ug/l	100
43) Ethyl Acetate	4.87	43	81429	20.812	ug/l	97
44) Isopropyl Acetate	6.48	43	128980	19.675	ug/l	98
45) 1,4-Dioxane	7.76	88	29063	452.534	ug/l #	83
46) Methyl methacrylate	7.78	41	65570	19.575	ug/l	94
47) n-amyl Acetate	10.90	43	107890	17.441	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	79997	18.905	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	72558	18.359	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	58168	20.552	ug/l	97
51) Ethyl methacrylate	9.18	69	80982	18.955	ug/l	91
52) 1,3-Dichloropropane	9.38	76	92762	20.066	ug/l	100
53) Dibromochloromethane	9.59	129	57326	19.079	ug/l	98
54) 1,2-Dibromoethane	9.68	107	59866	20.072	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	198653	97.897	ug/l	98
56) Bromoform	10.86	173	46547	19.406	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	442697	108.496	ug/l	96
59) 2-Hexanone	9.50	43	340458	109.150	ug/l	98
61) Tetrachloroethene	9.34	164	68922	20.897	ug/l	99
62) Toluene	8.79	91	231554	19.989	ug/l	99
64) Chlorobenzene	10.14	112	155633	20.221	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	58057	20.579	ug/l	99
66) Ethyl Benzene	10.26	91	250439	19.196	ug/l	98
67) m/p-Xylenes	10.36	106	194365	38.337	ug/l	98
68) o-Xylene	10.70	106	96042	19.444	ug/l	97
69) Styrene	10.71	104	159979	19.413	ug/l	98
70) Isopropylbenzene	11.02	105	266087	19.536	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	86184	21.167	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	98420	27.884	ug/l	94
73) Bromobenzene	11.26	156	75666	19.976	ug/l	91
74) n-propylbenzene	11.36	91	291465	18.434	ug/l	98
75) 2-Chlorotoluene	11.42	91	178744	19.426	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	216170	18.692	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	21052	18.544	ug/l	90
78) 4-Chlorotoluene	11.51	91	204279	18.740	ug/l	98
79) tert-butylbenzene	12.07	119	227717	17.853	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	219035	18.547	ug/l	97
81) sec-Butylbenzene	11.95	105	255070	18.030	ug/l	99
82) p-Isopropyltoluene	12.07	119	227717	17.853	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	134303	19.268	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	134617	19.121	ug/l	99
85) n-Butylbenzene	12.39	91	179742	15.897	ug/l	99
86) Hexachloroethane	12.60	117	32393	16.755	ug/l	93
87) 1,2-Dichlorobenzene	12.40	146	137512	19.535	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18315	20.136	ug/l	91
89) 1,2,4-Trichlorobenzene	13.65	180	94823	17.846	ug/l	99
90) Hexachlorobutadiene	13.79	225	47446	17.153	ug/l	99
91) Naphthalene	13.84	128	271379	19.269	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	98451	18.624	ug/l	100

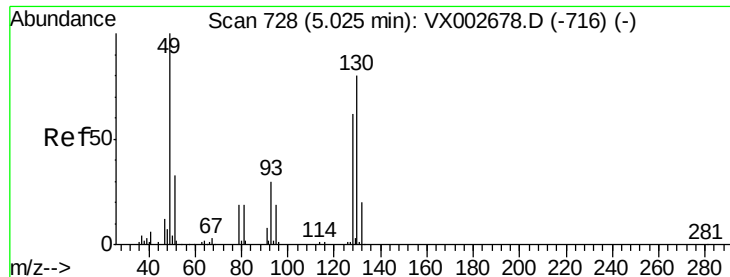
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
Data File : VX003213.D
Acq On : 06 Jul 2018 13:51
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

Quant Time: Jul 06 14:14:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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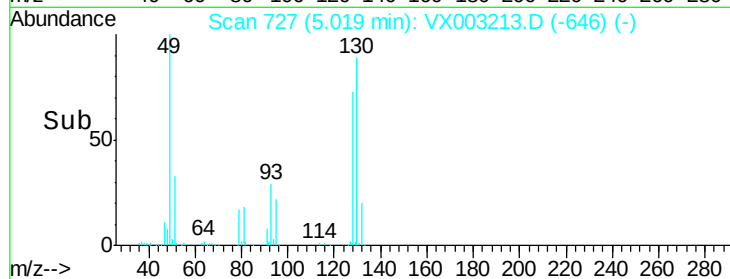
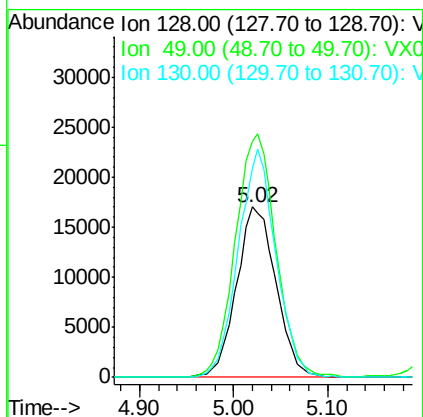
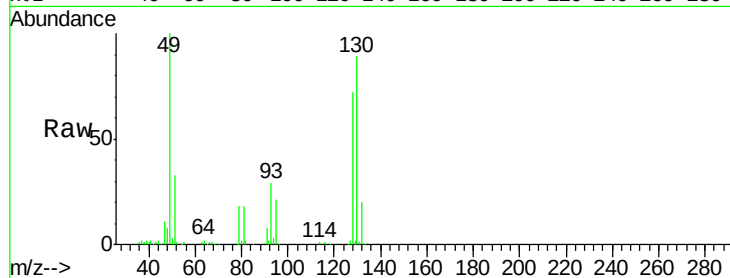
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

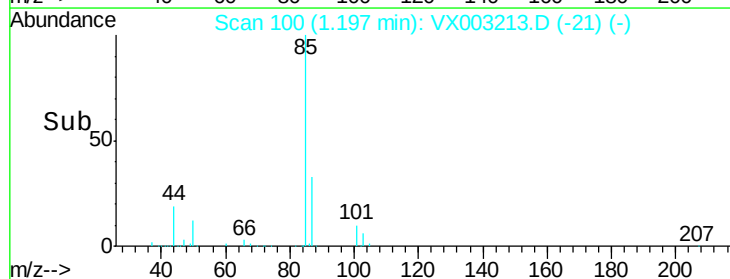
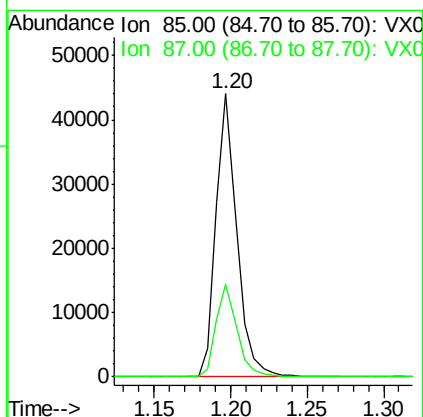
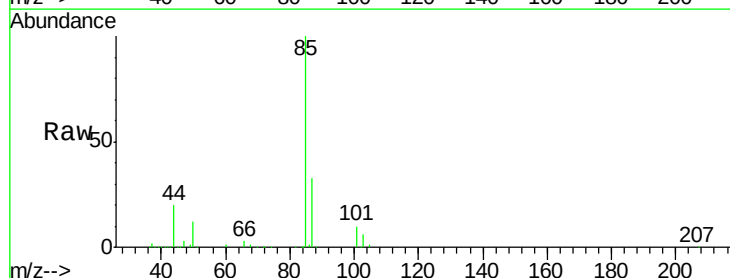
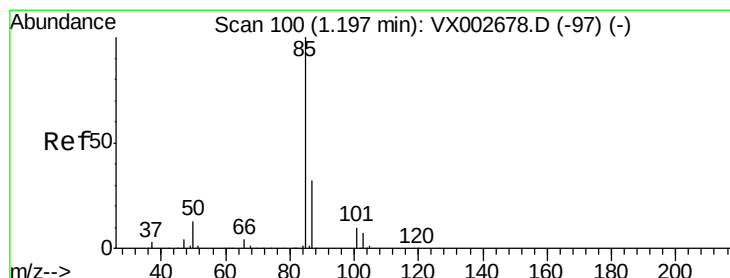
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

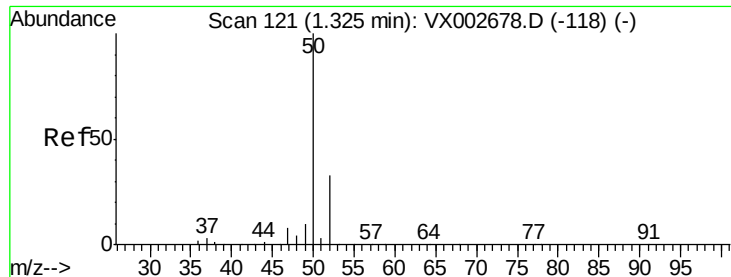
Tot Ion:128 Resp: 49863
 Ion Ratio Lower Upper
 128 100
 49 147.1 0.0 423.0
 130 128.3 0.0 324.3



#2
 Dichlorodifluoromethane
 Concen: 17.574 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 85 Resp: 41826
 Ion Ratio Lower Upper
 85 100
 87 32.5 16.2 48.5





#3

Chloromethane

Concen: 15.807 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

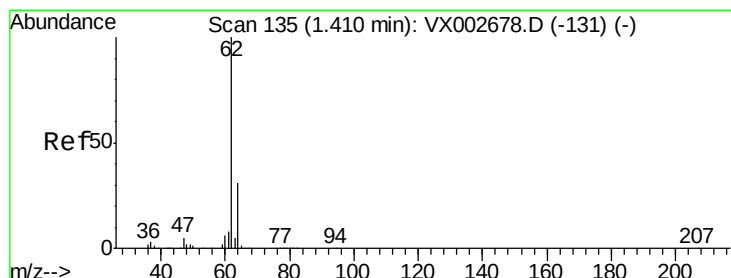
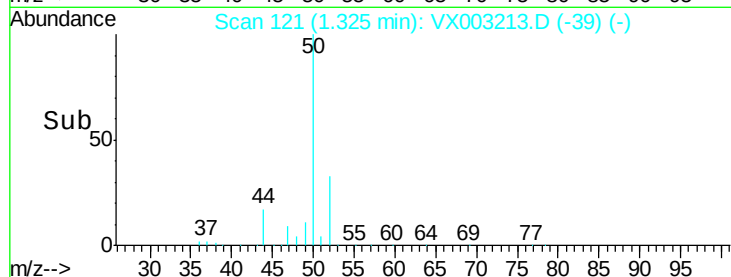
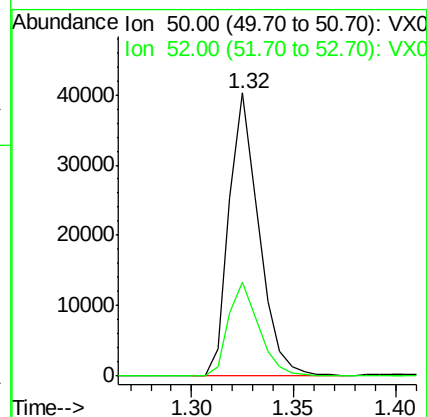
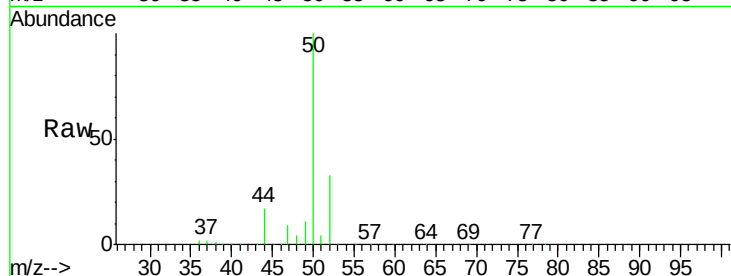
VX0706WBS03

Tot Ion: 50 Resp: 40840

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4



#4

Vinyl Chloride

Concen: 16.410 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003213.D

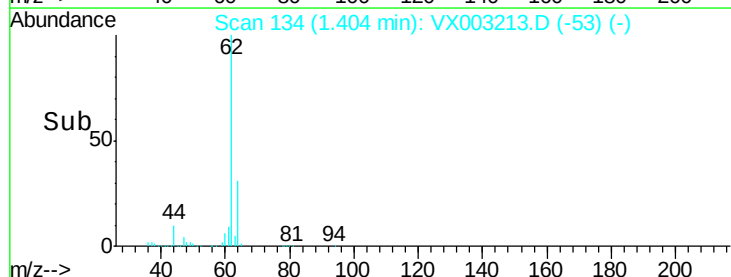
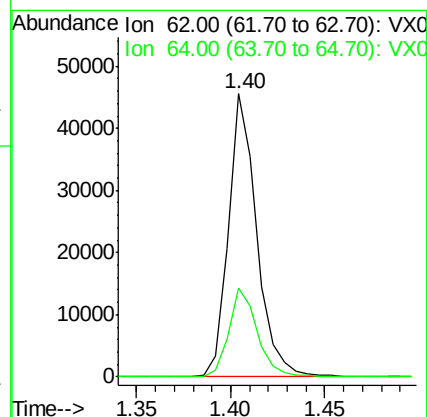
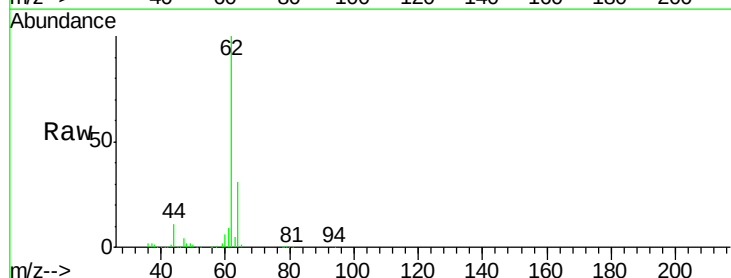
Acq: 06 Jul 2018 13:51

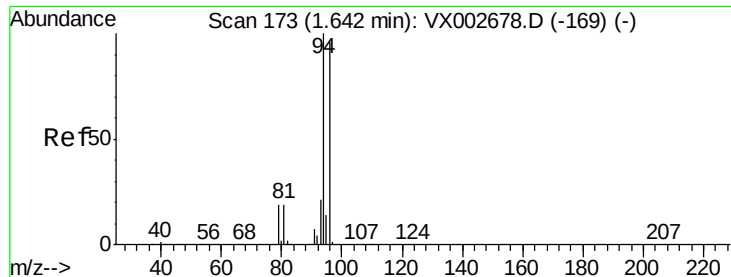
Tgt Ion: 62 Resp: 47239

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 10.879 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

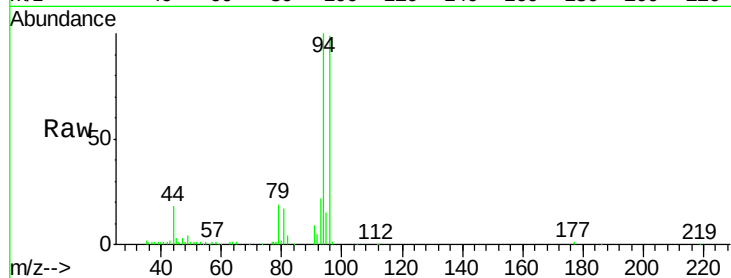
VX0706WBS03

Tot Ion: 94 Resp: 18297

Ion Ratio Lower Upper

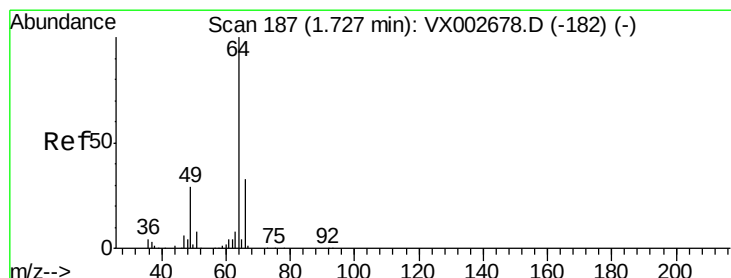
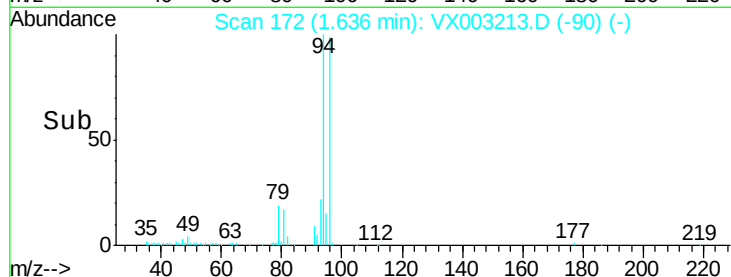
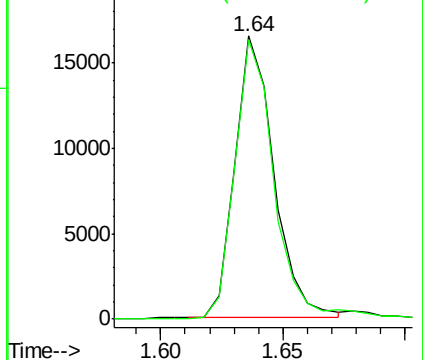
94 100

96 99.0 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: 15.775 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003213.D

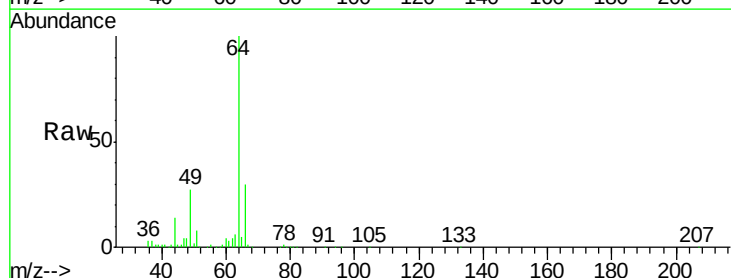
Acq: 06 Jul 2018 13:51

Tgt Ion: 64 Resp: 30541

Ion Ratio Lower Upper

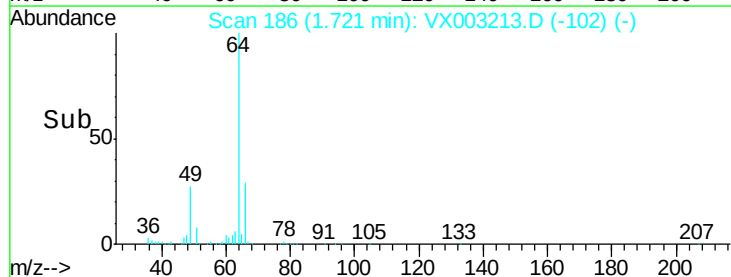
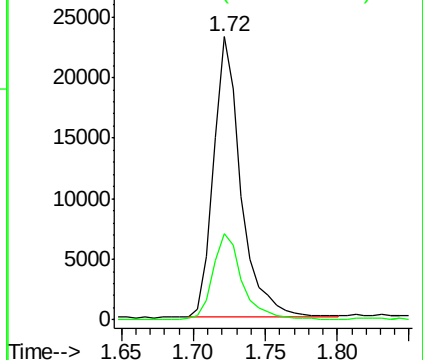
64 100

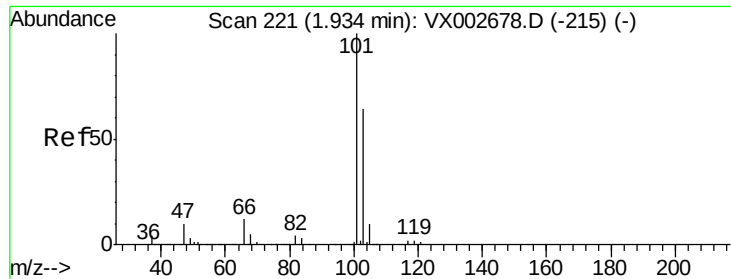
66 30.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



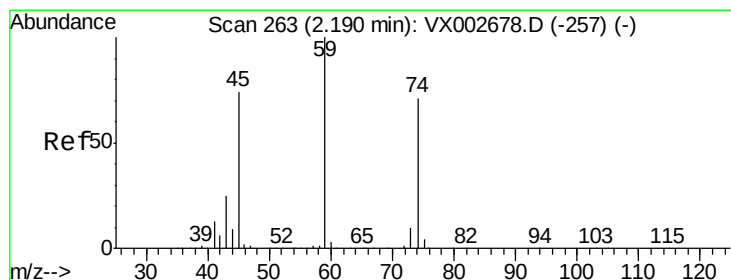
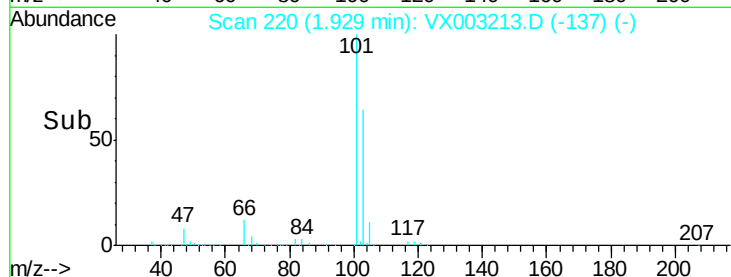
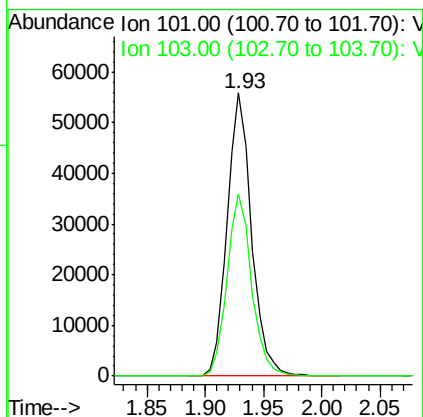
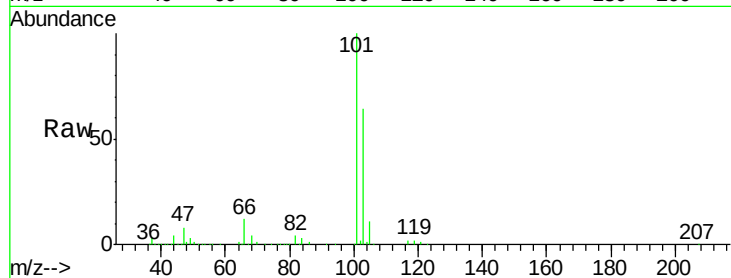


#7

Trichlorofluoromethane
 Concen: 15.987 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

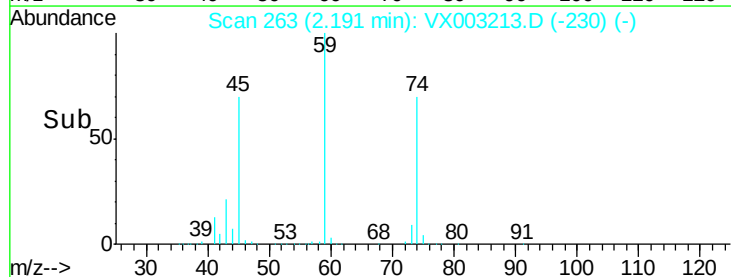
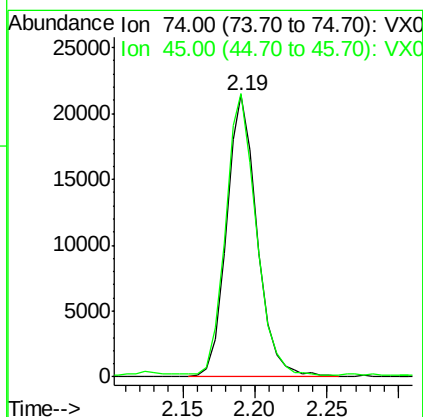
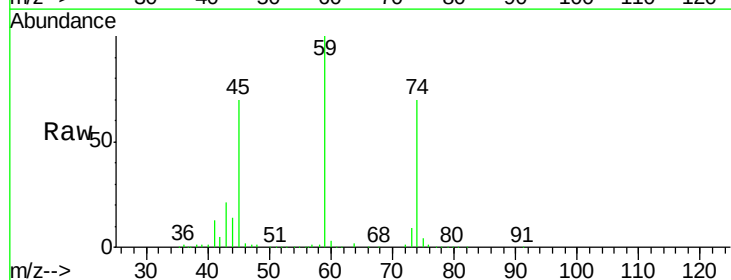
Tot Ion:101 Resp: 81803
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3

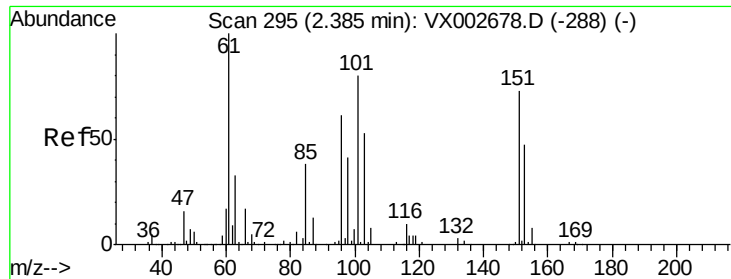


#8

Diethyl Ether
 Concen: 17.382 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 74 Resp: 31712
 Ion Ratio Lower Upper
 74 100
 45 101.1 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.711 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

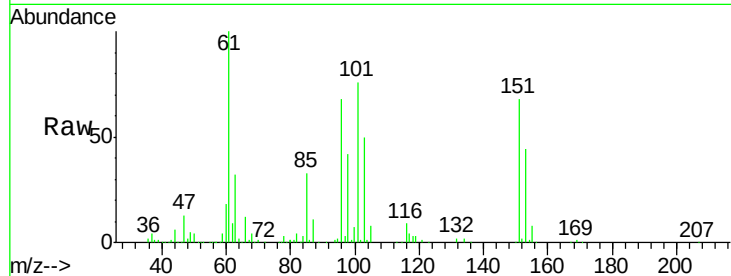
Tot Ion:101 Resp: 48941

Ion Ratio Lower Upper

101 100

85 43.7 0.0 87.0

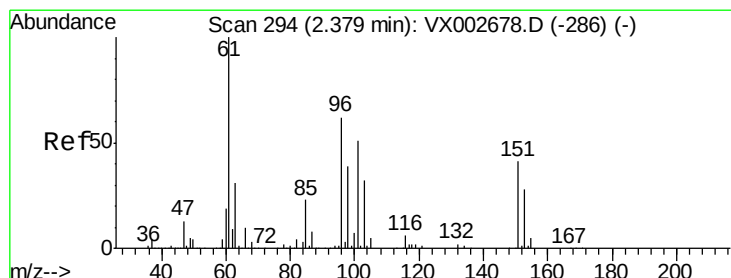
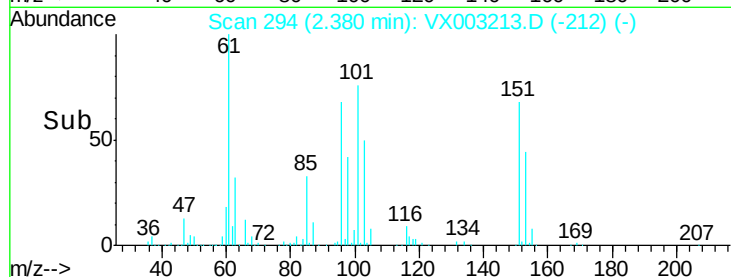
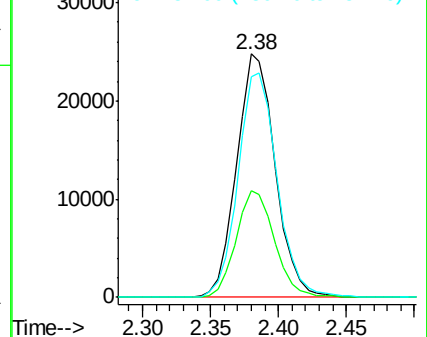
151 93.8 0.0 177.6



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: 16.509 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

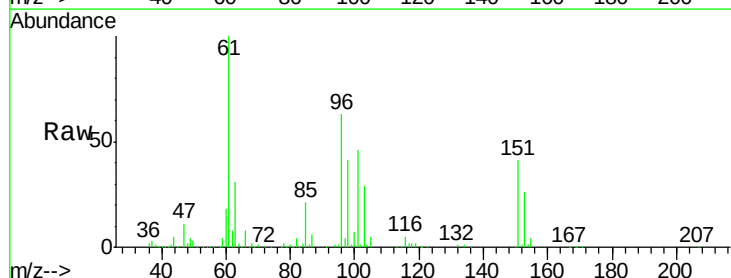
Tgt Ion: 96 Resp: 42557

Ion Ratio Lower Upper

96 100

61 158.0 137.5 206.3

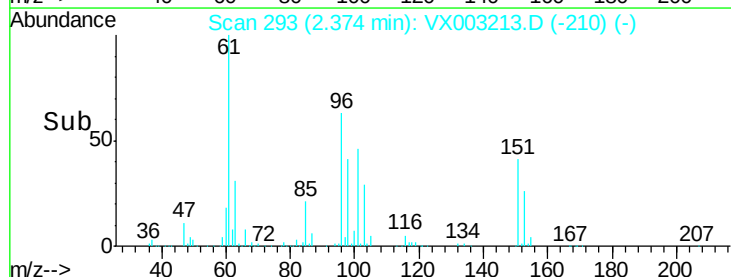
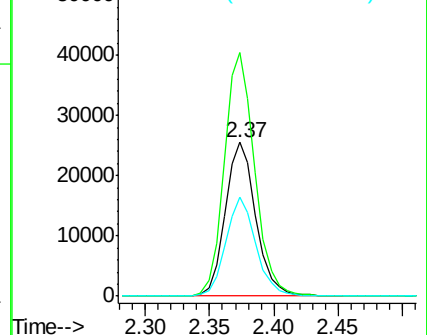
98 64.7 51.4 77.2

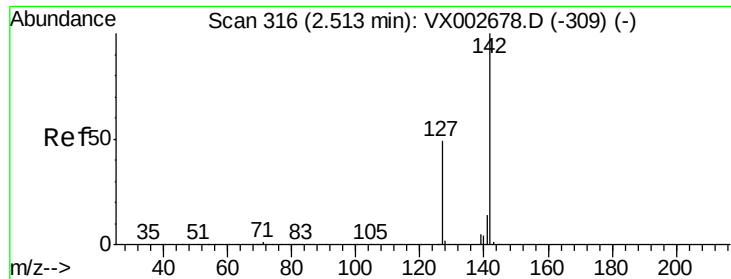


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

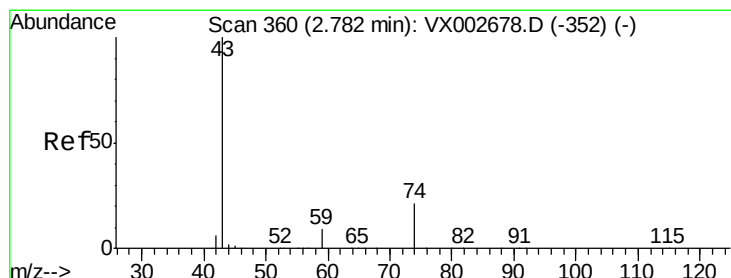
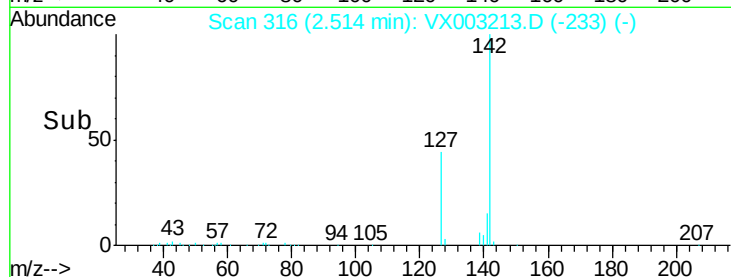
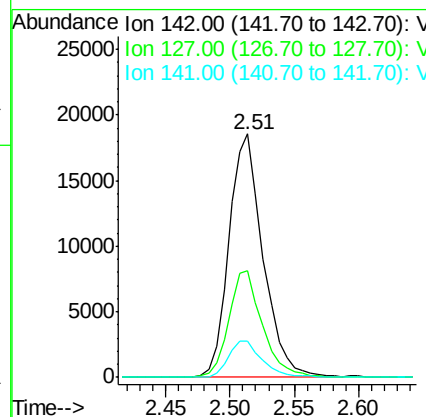
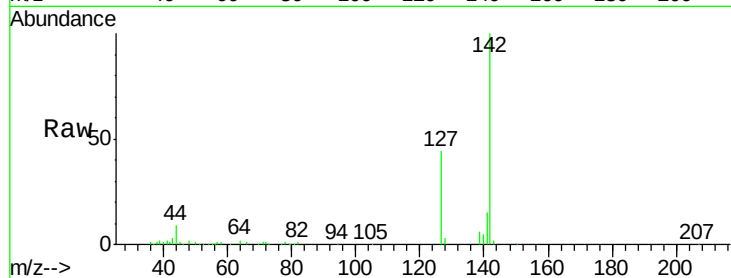




#11
Methvl Iodide
Concen: 11.533 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

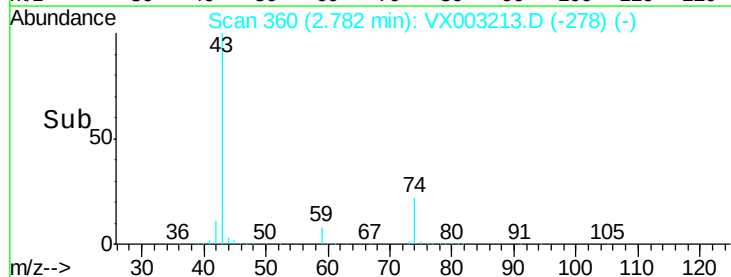
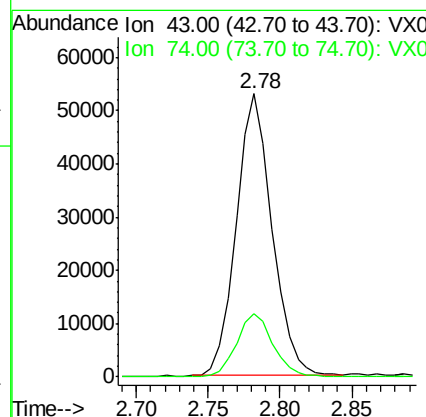
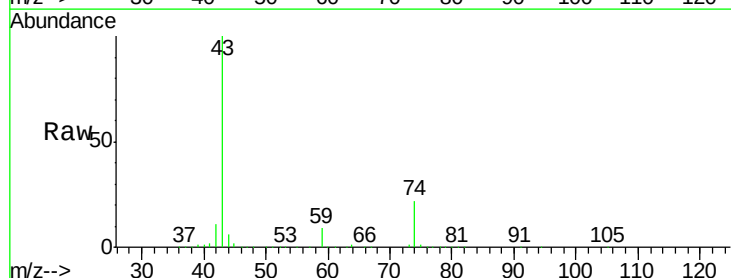
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

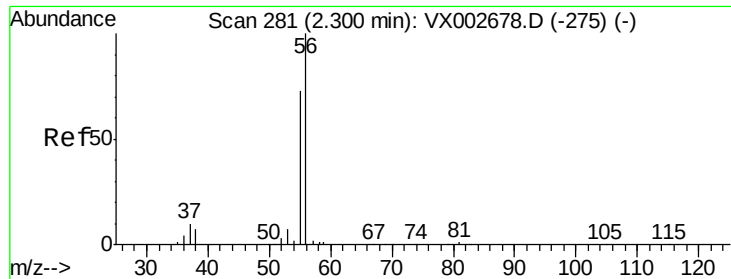
Tot Ion:142 Resp: 34239
Ion Ratio Lower Upper
142 100
127 44.0 23.2 69.6
141 15.0 7.4 22.2



#12
Methyl Acetate
Concen: 21.907 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion: 43 Resp: 91646
Ion Ratio Lower Upper
43 100
74 22.1 16.4 24.6





#13

Acrolein

Concen: 26.281 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

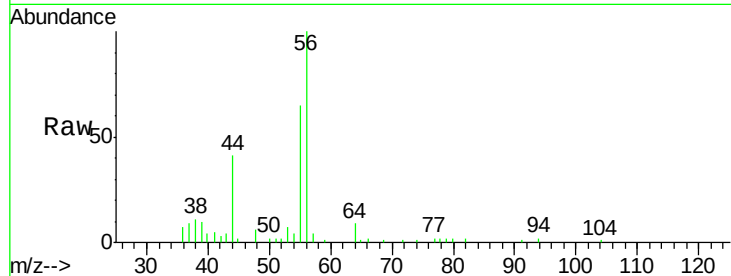
VX0706WBS03

Tot Ion: 56 Resp: 7817

Ion Ratio Lower Upper

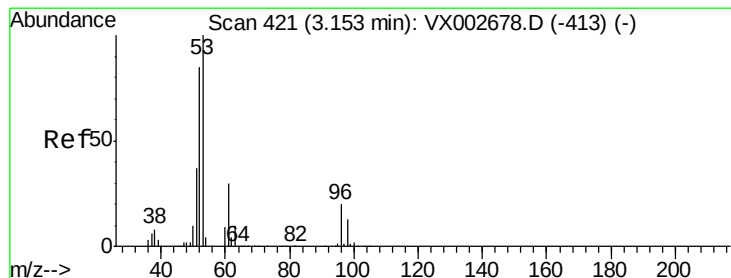
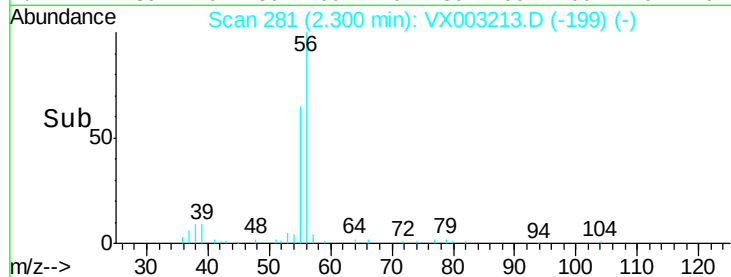
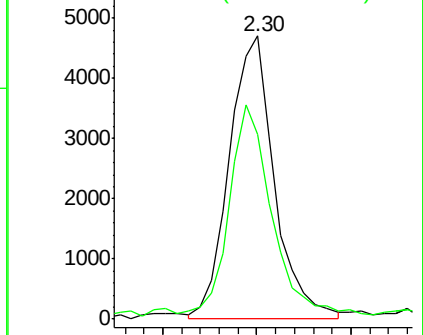
56 100

55 71.0 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 94.554 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

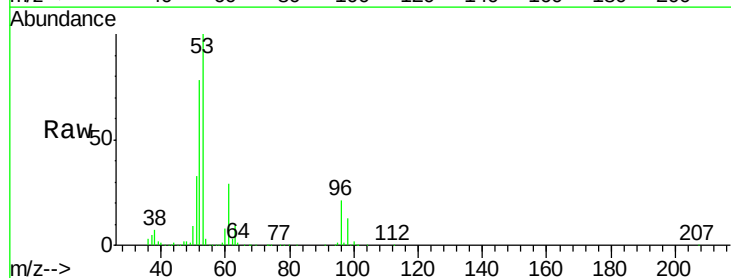
Tgt Ion: 53 Resp: 148771

Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

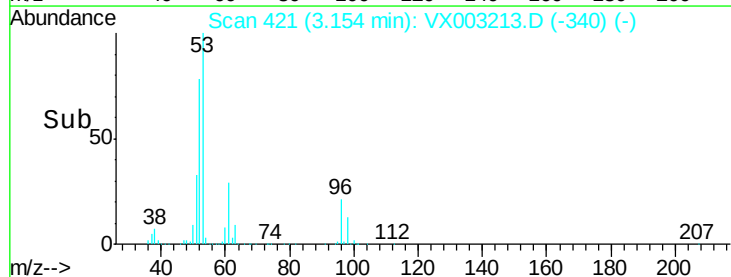
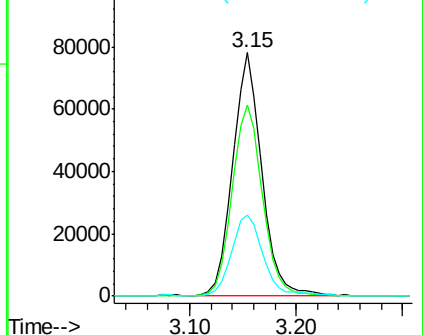
51 36.8 17.9 53.8

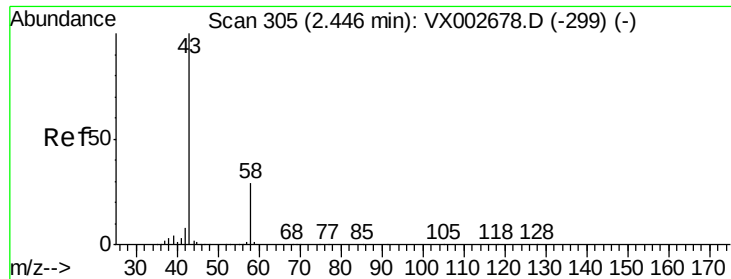


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 98.958 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

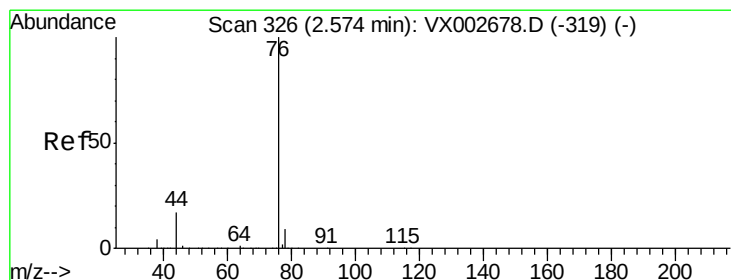
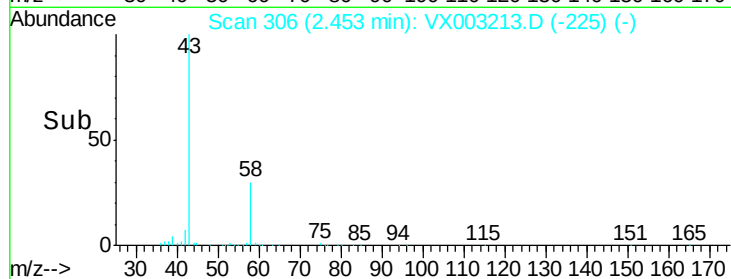
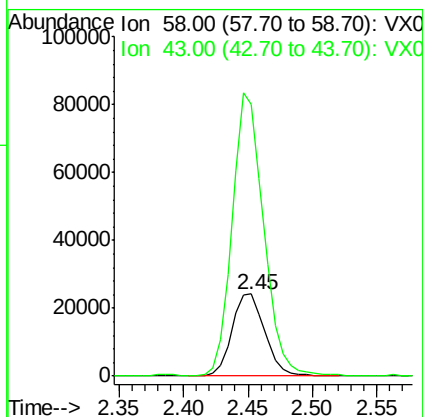
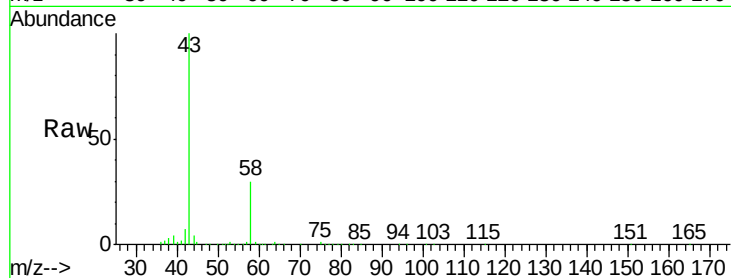
VX0706WBS03

Tot Ion: 58 Resp: 43277

Ion Ratio Lower Upper

58 100

43 332.0 278.8 418.2



#16

Carbon Disulfide

Concen: 14.338 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003213.D

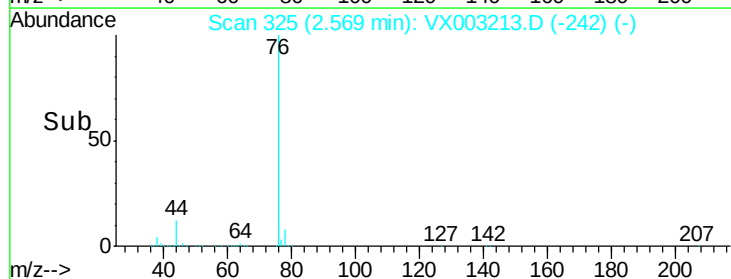
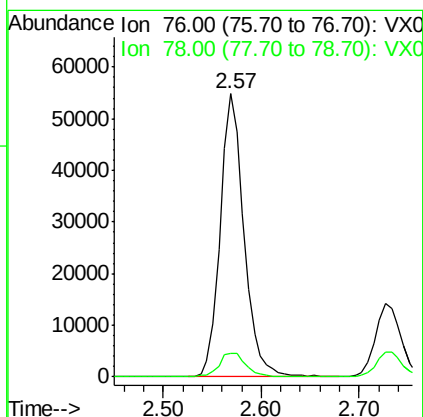
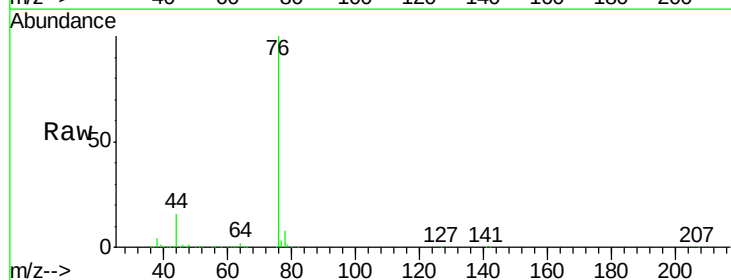
Acq: 06 Jul 2018 13:51

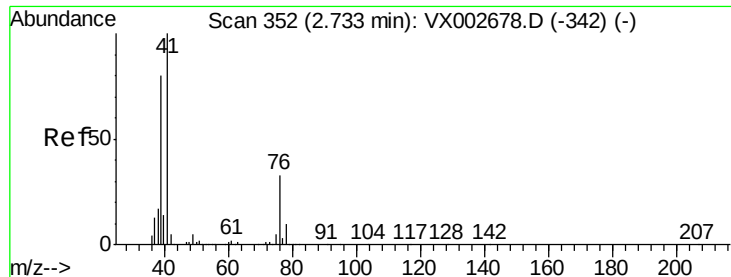
Tgt Ion: 76 Resp: 92542

Ion Ratio Lower Upper

76 100

78 8.1 7.4 11.0

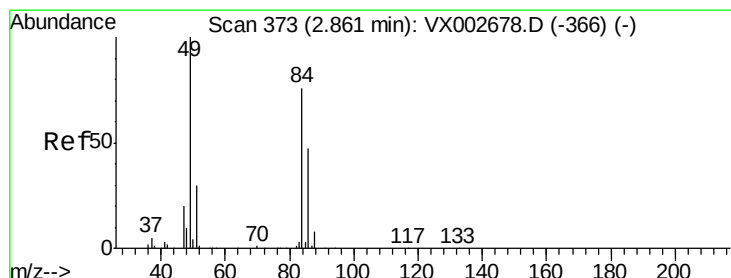
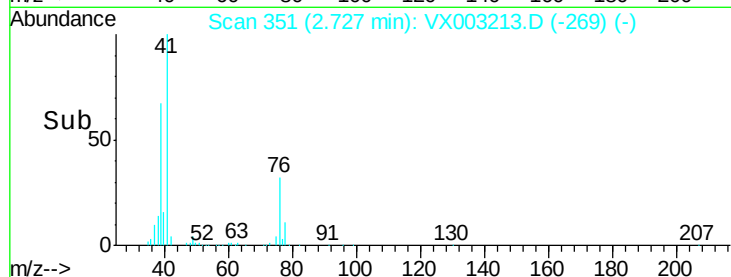
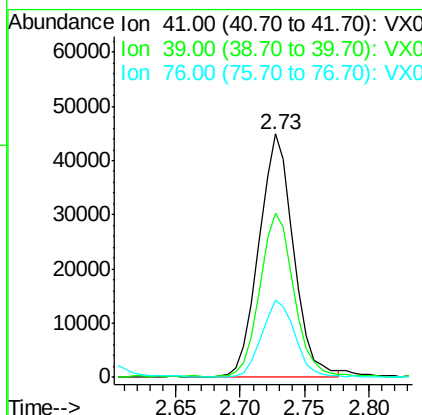
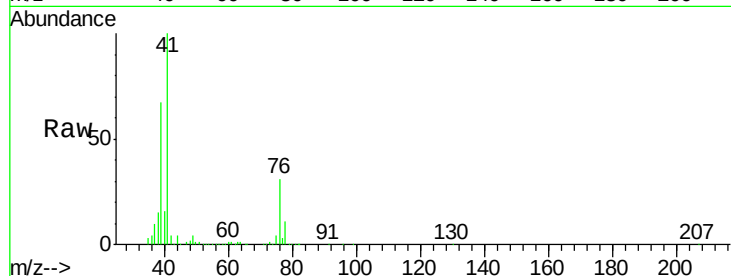




#17
Allvl chloride
Concen: 16.179 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

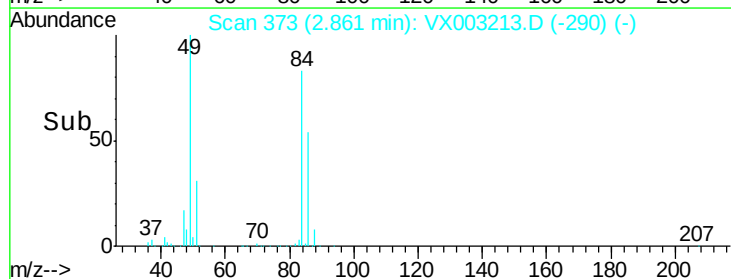
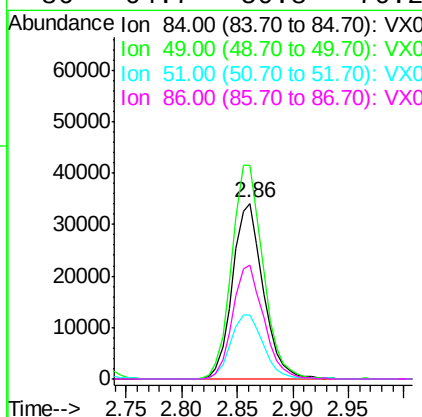
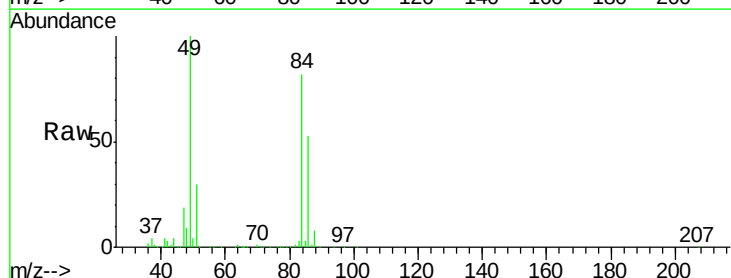
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

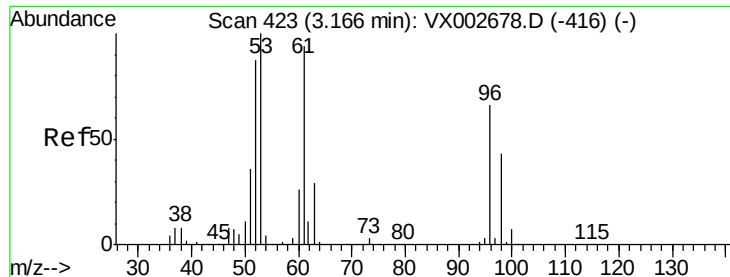
Tot Ion: 41 Resp: 82997
Ion Ratio Lower Upper
41 100
39 66.9 34.6 103.8
76 31.2 15.0 45.1



#18
Methylene Chloride
Concen: 22.171 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion: 84 Resp: 65417
Ion Ratio Lower Upper
84 100
49 121.7 104.7 157.1
51 36.6 31.0 46.4
86 64.7 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 16.431 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

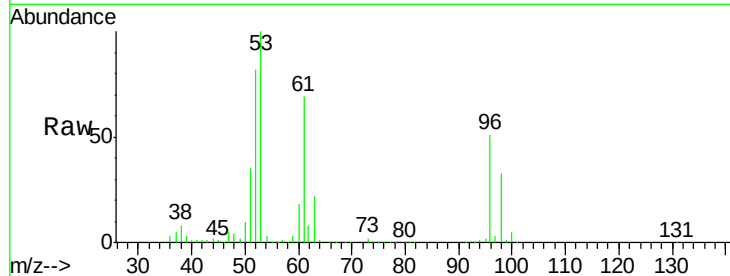
Tot Ion: 96 Resp: 45417

Ion Ratio Lower Upper

96 100

61 137.4 114.6 172.0

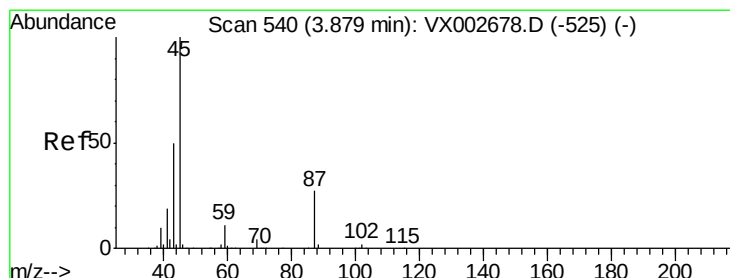
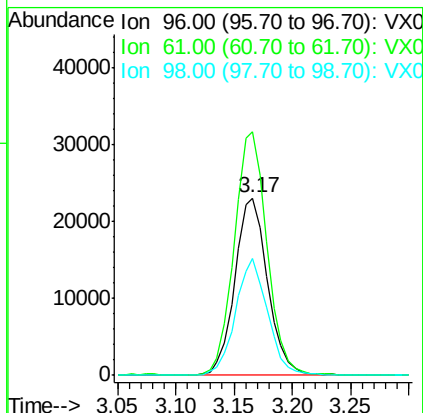
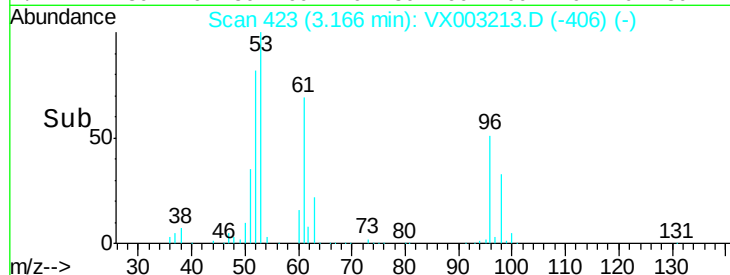
98 66.0 51.3 76.9



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: 18.136 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Tgt Ion: 45 Resp: 173356

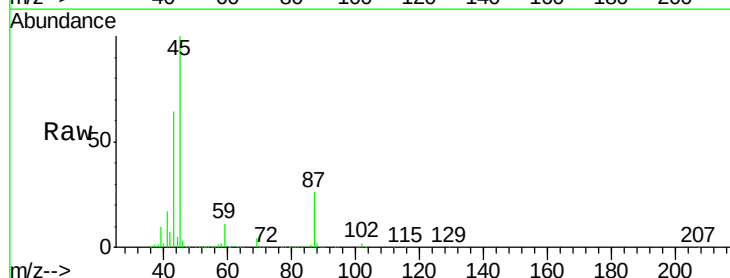
Ion Ratio Lower Upper

45 100

43 62.2 45.6 68.4

87 26.2 20.7 31.1

59 11.5 8.9 13.3

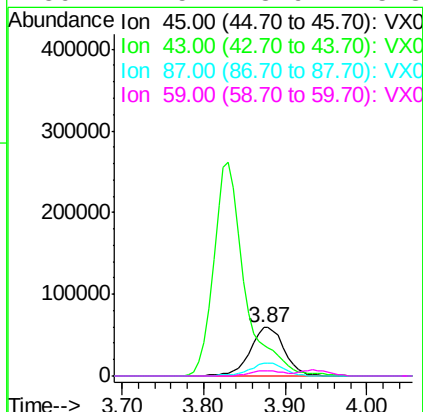
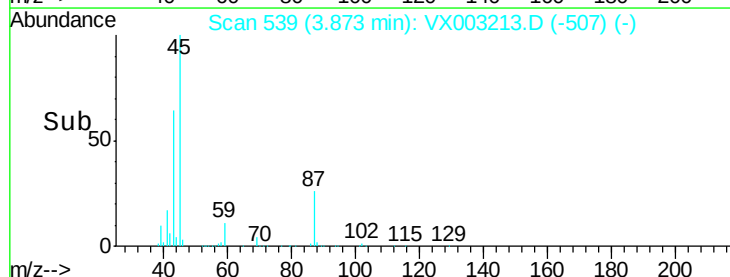


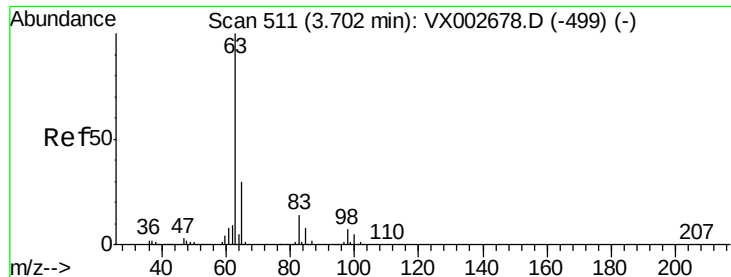
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 17.663 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

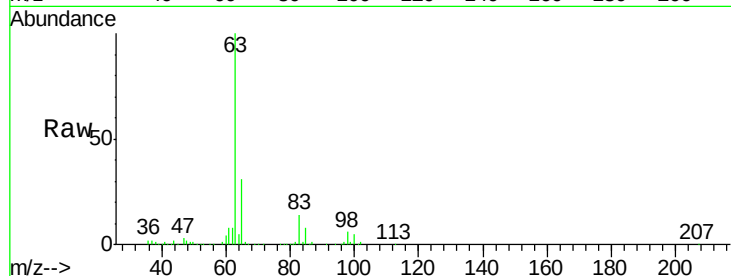
Tot Ion: 63 Resp: 90785

Ion Ratio Lower Upper

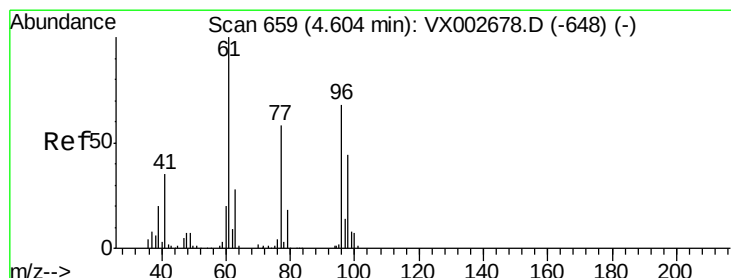
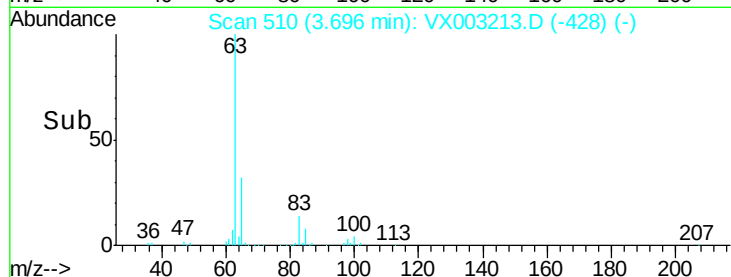
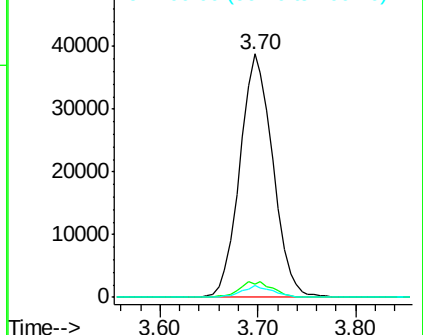
63 100

98 5.6 3.1 9.3

100 4.9 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.074 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

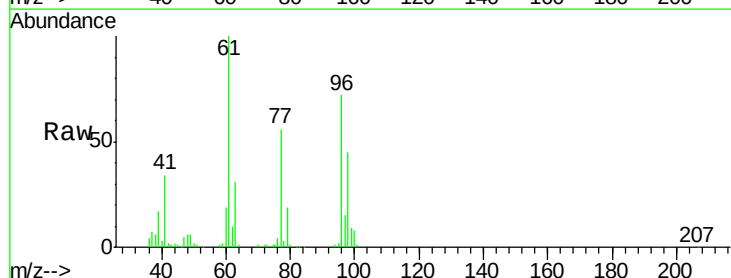
Tgt Ion: 96 Resp: 59643

Ion Ratio Lower Upper

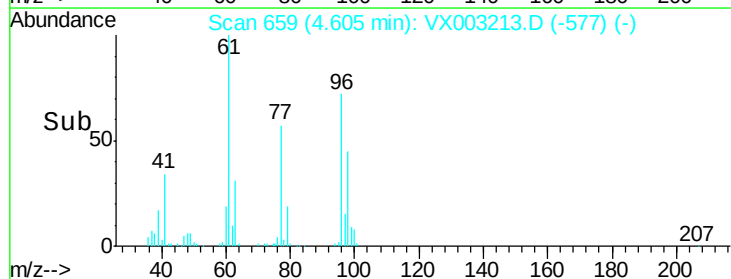
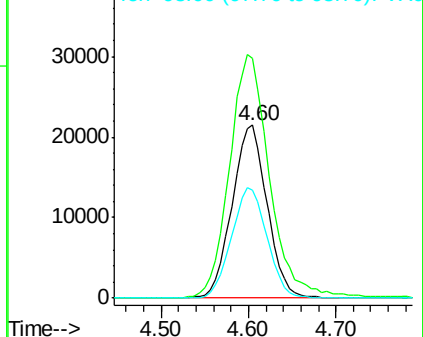
96 100

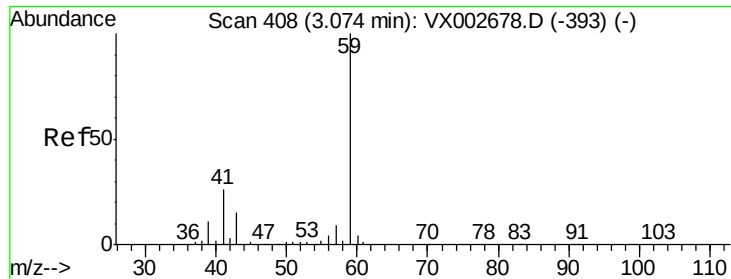
61 162.0 160.2 240.2

98 65.2 54.1 81.1



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



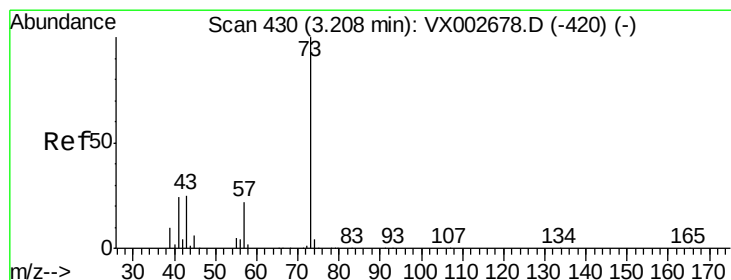
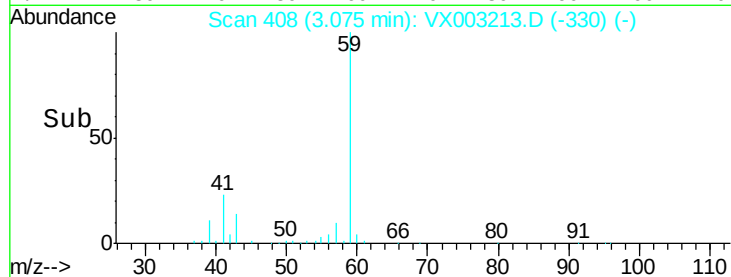
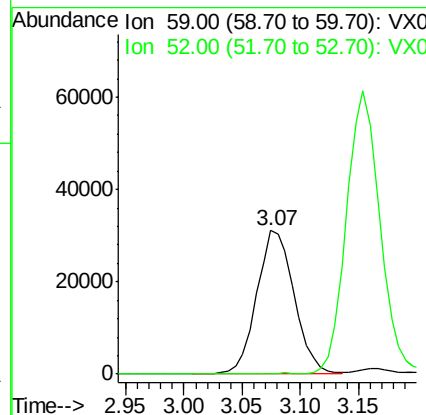
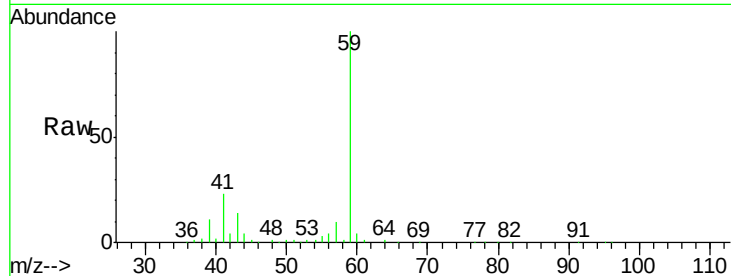


#23

tert-Butyl Alcohol
 Concen: 97.472 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

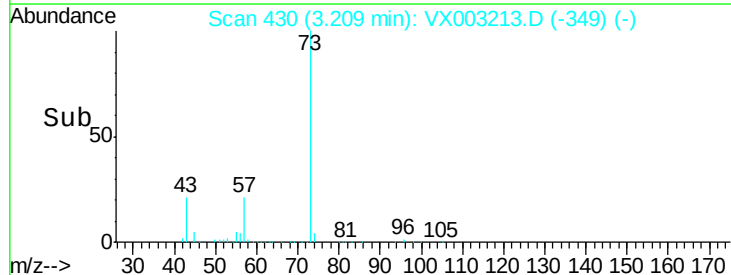
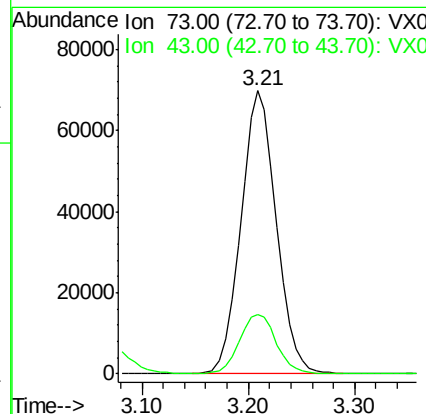
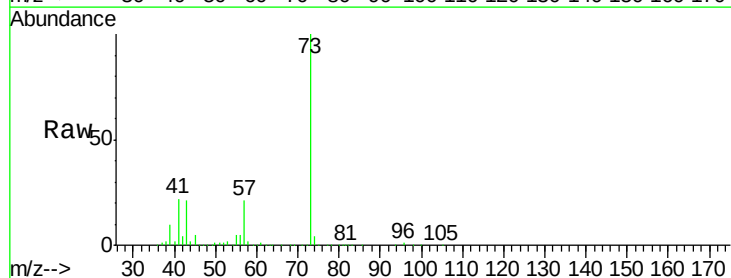
Tot Ion: 59 Resp: 69629
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

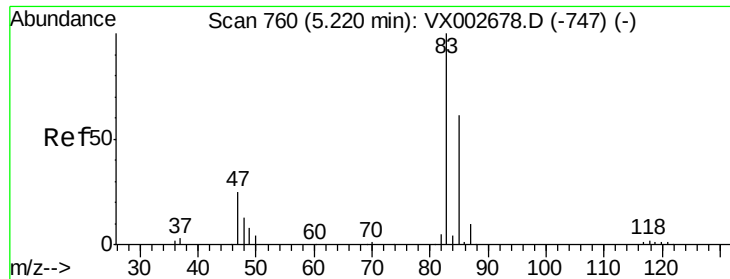


#24

Methyl tert-Butyl Ether
 Concen: 16.860 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 73 Resp: 162272
 Ion Ratio Lower Upper
 73 100
 43 21.5 19.0 28.4

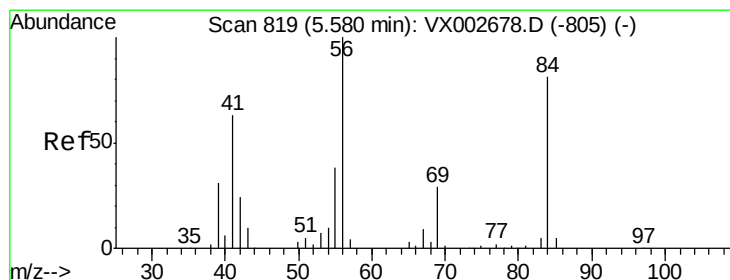
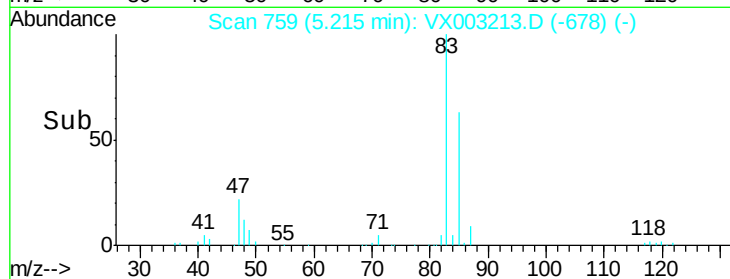
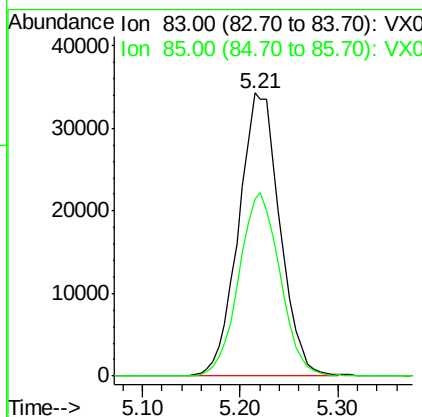
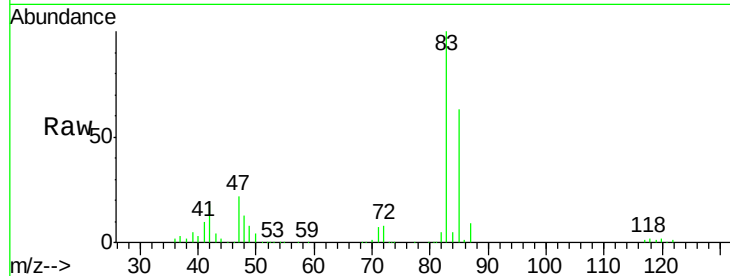




#25
Chloroform
Concen: 19.513 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

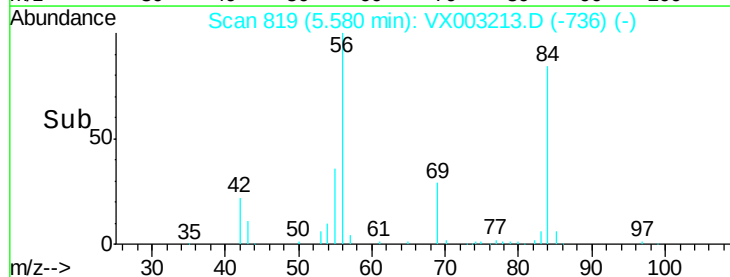
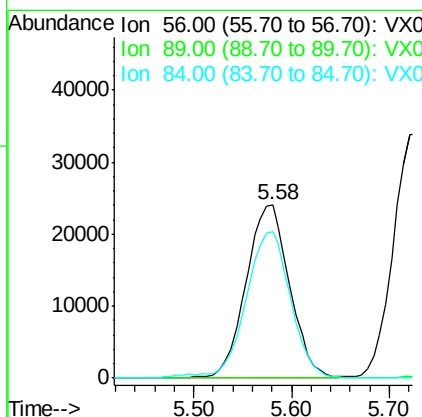
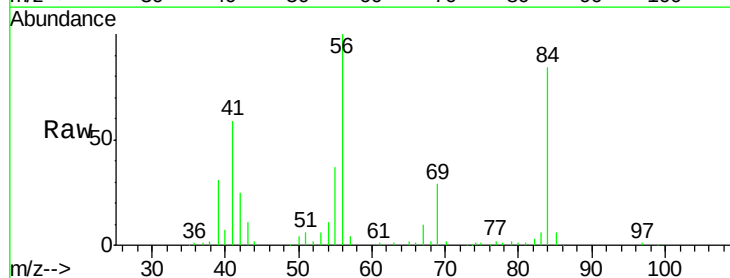
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

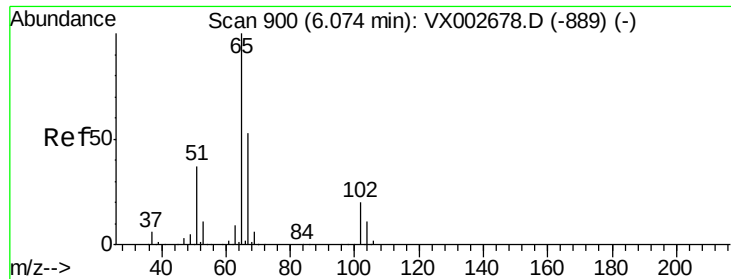
Tot Ion: 83 Resp: 100650
Ion Ratio Lower Upper
83 100
85 62.4 51.9 77.9



#26
Cyclohexane
Concen: 17.039 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion: 56 Resp: 74402
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.0 64.9 97.3

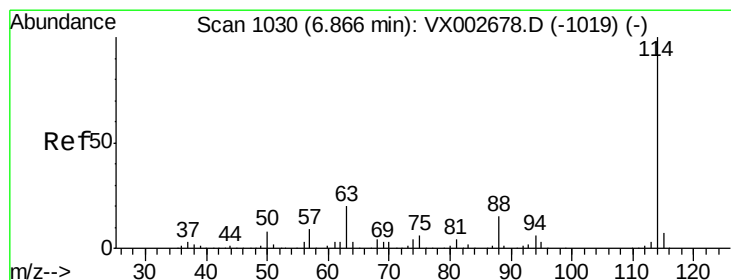
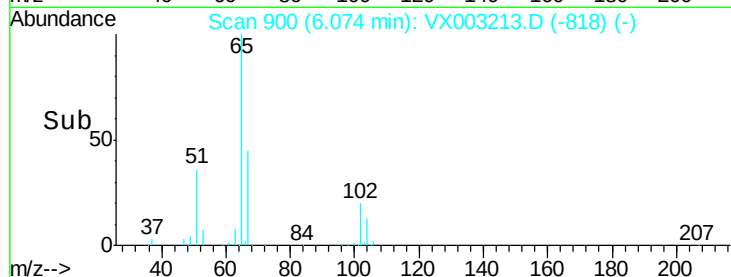
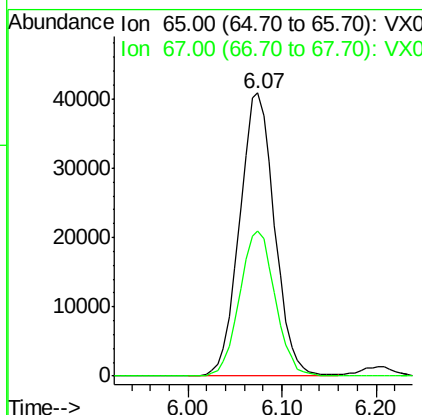
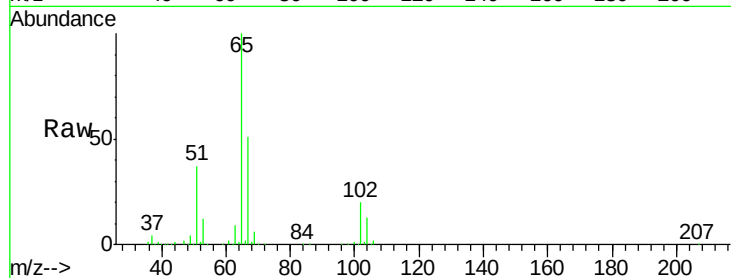




#27
 1,2-Dichloroethane-d4
 Concen: 27.911 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

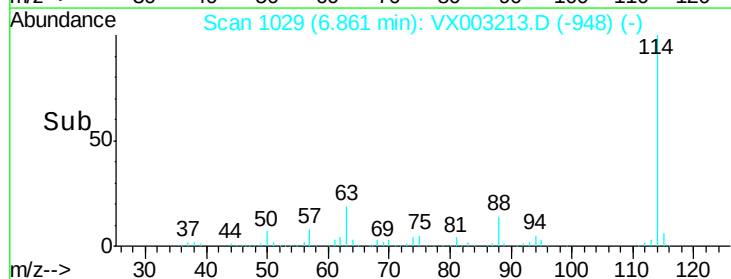
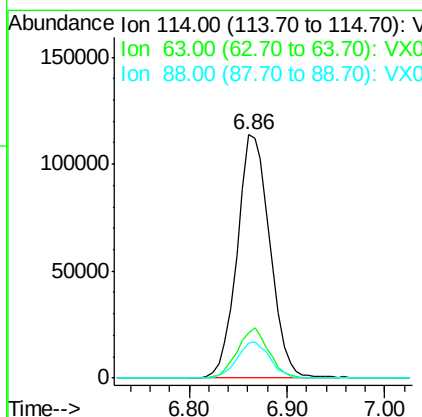
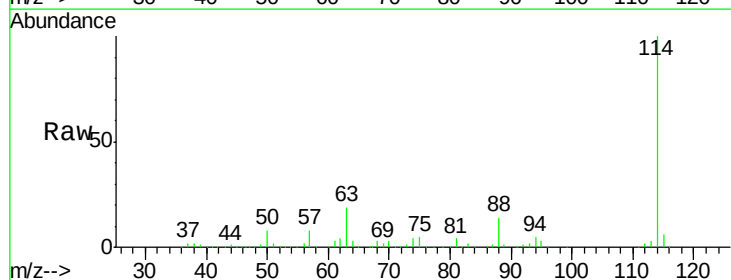
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

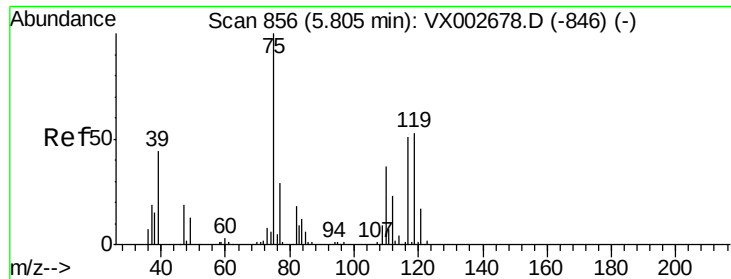
Tot Ion: 65 Resp: 106276
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 114 Resp: 264735
 Ion Ratio Lower Upper
 114 100
 63 19.8 17.1 25.7
 88 14.8 12.6 19.0

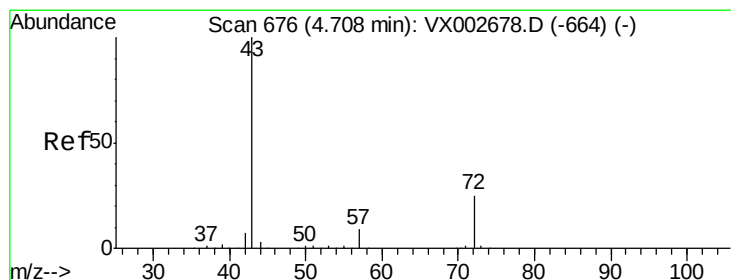
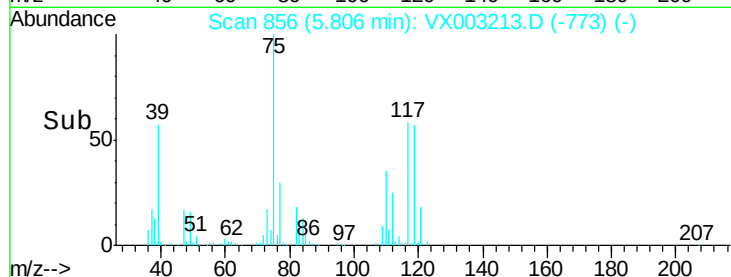
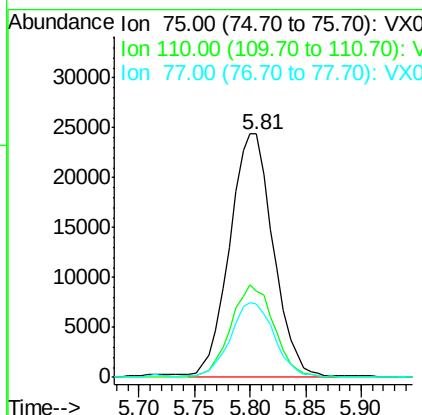
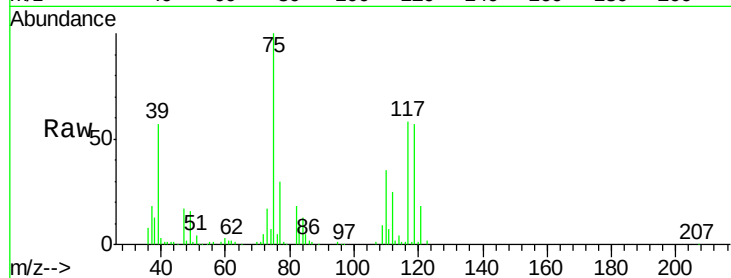




#29
 1,1-Dichloropropene
 Concen: 18.618 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

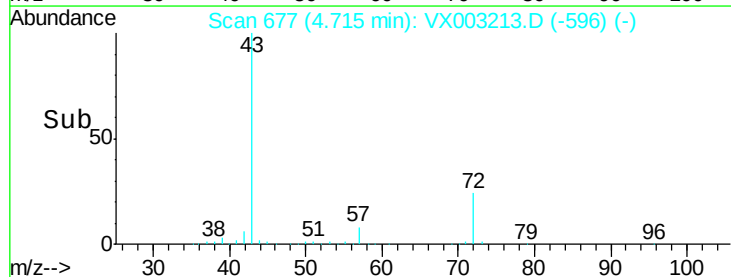
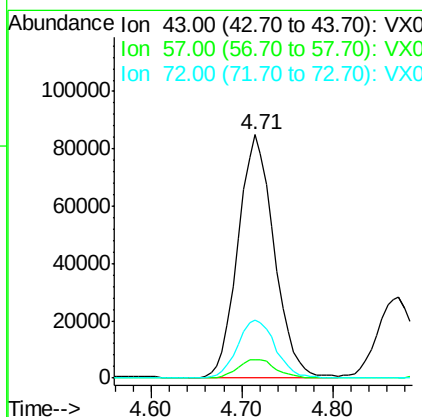
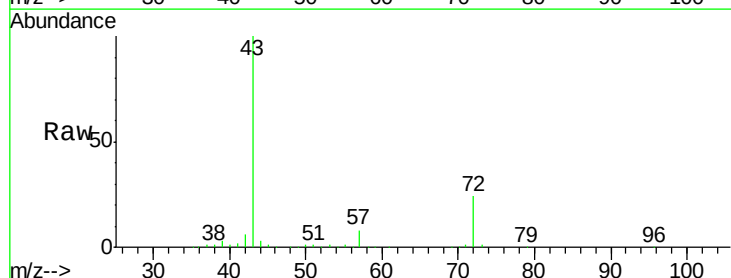
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

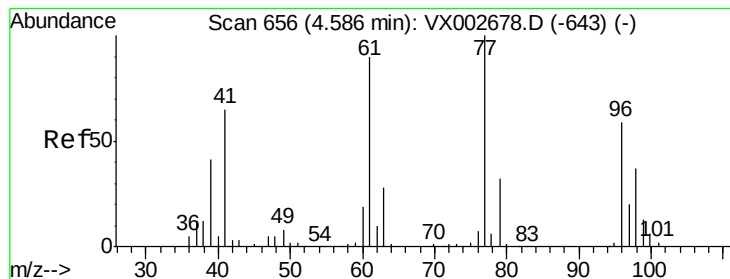
Tot Ion: 75 Resp: 66562
 Ion Ratio Lower Upper
 75 100
 110 37.3 0.0 71.4
 77 30.8 0.0 60.6



#30
 2-Butanone
 Concen: 114.659 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 43 Resp: 234560
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.1 9.1
 72 24.9 18.1 27.1





#31

2,2-Dichloropropane

Concen: 20.818 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

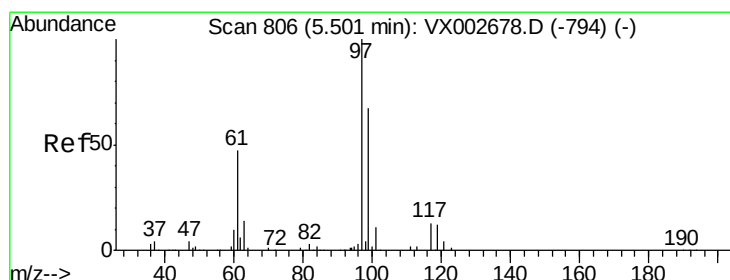
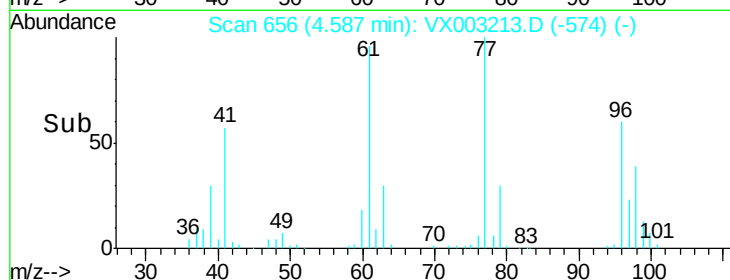
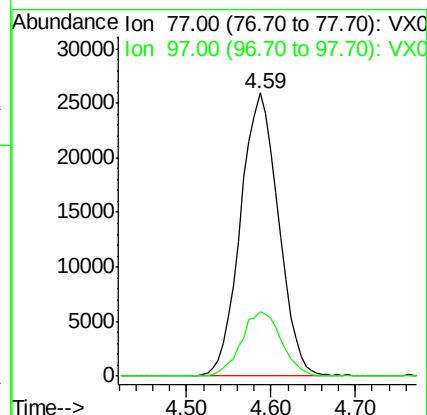
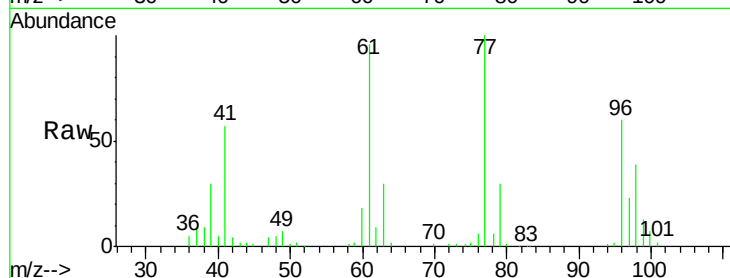
VX0706WBS03

Tot Ion: 77 Resp: 79543

Ion Ratio Lower Upper

77 100

97 24.1 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 19.602 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

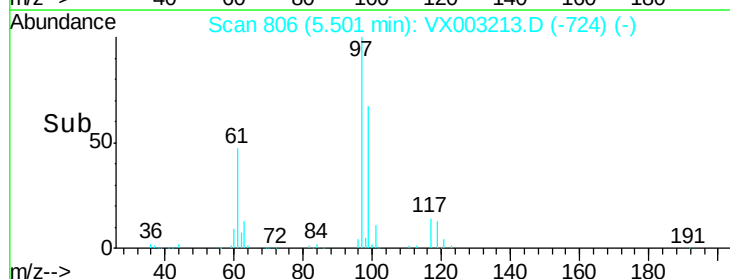
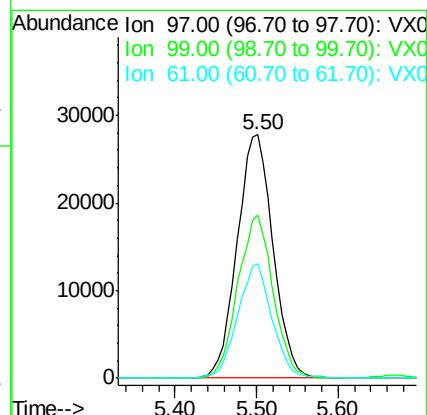
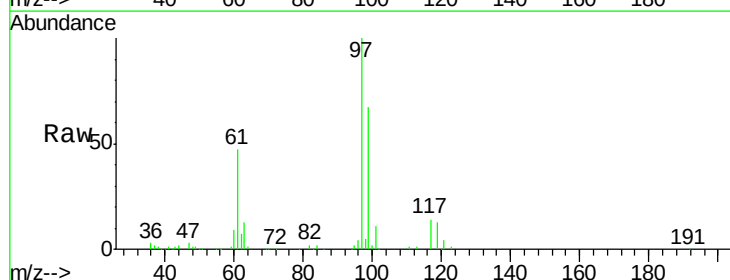
Tgt Ion: 97 Resp: 84656

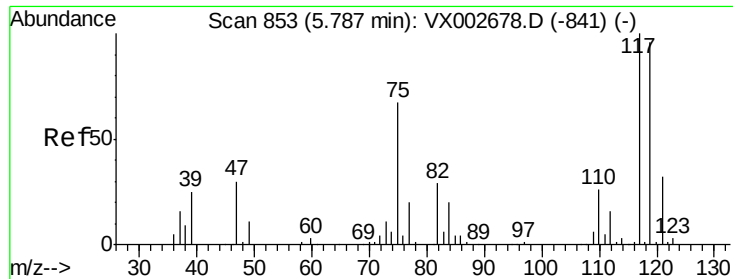
Ion Ratio Lower Upper

97 100

99 65.6 51.7 77.5

61 44.7 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.466 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

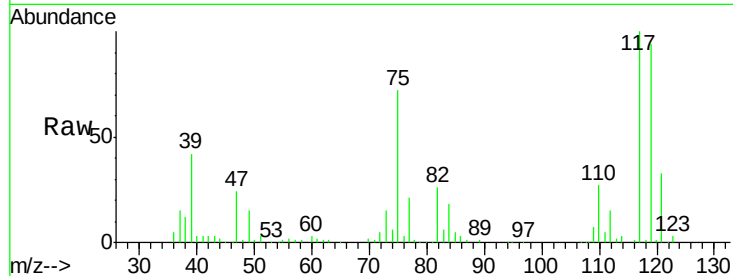
Tot Ion:117 Resp: 75563

Ion Ratio Lower Upper

117 100

119 94.1 73.3 109.9

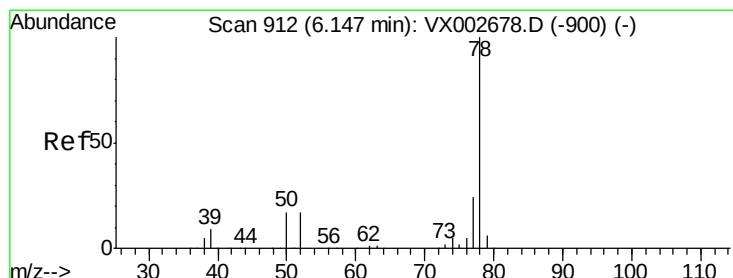
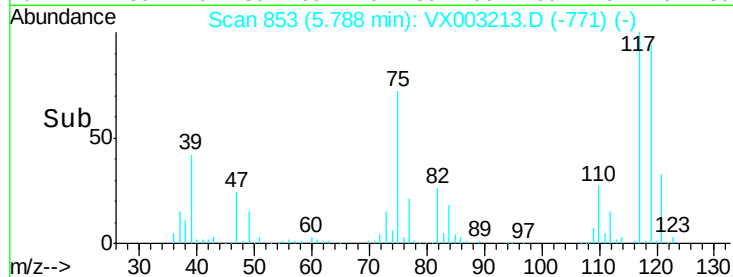
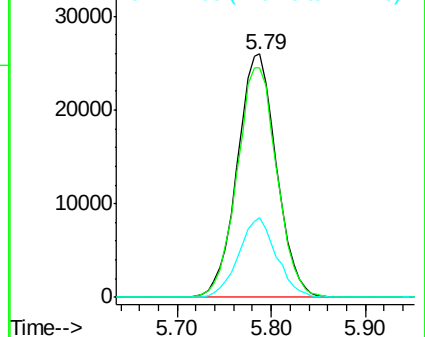
121 32.8 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.639 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

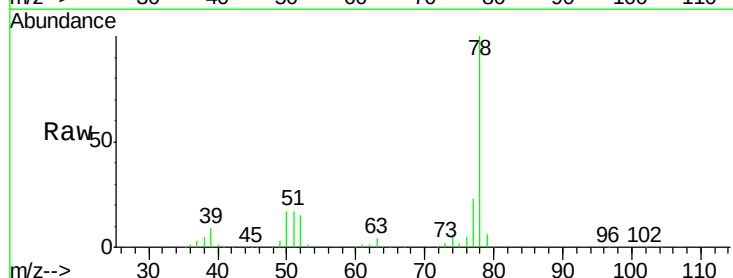
Tgt Ion: 78 Resp: 207930

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0

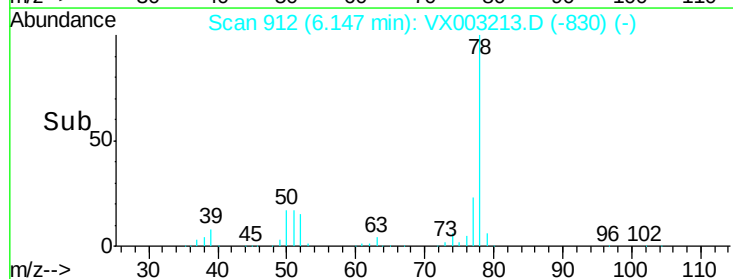
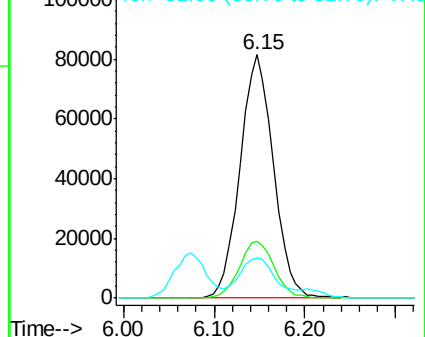
51 16.1 13.8 20.6

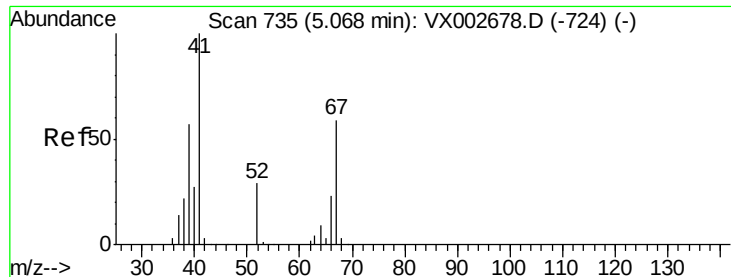


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

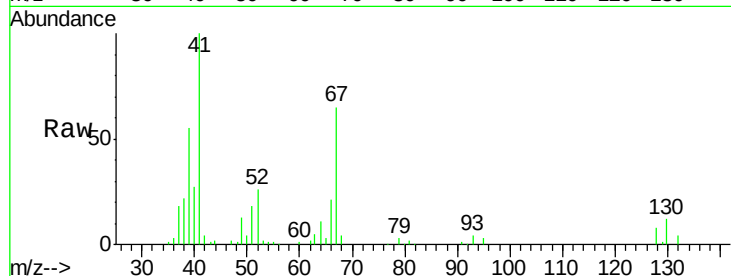




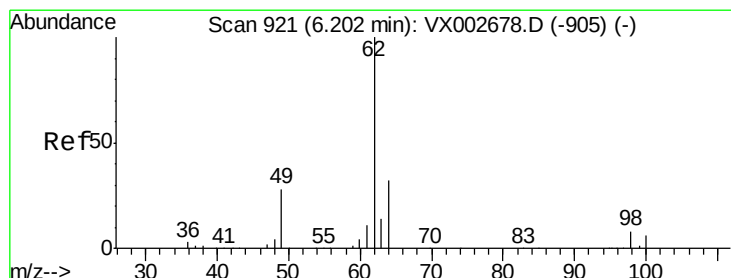
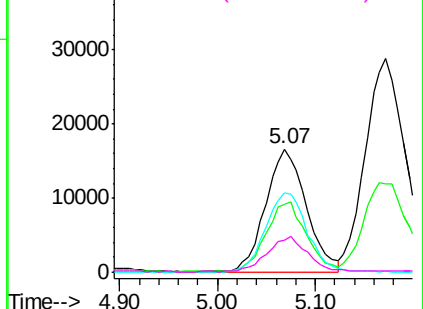
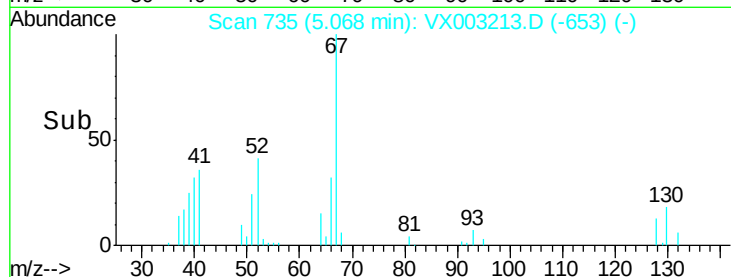
#35
Methacrylonitrile
Concen: 21.771 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

Tot Ion:	41	Resp:	48491
Ion	Ratio	Lower	Upper
41	100		
39	54.1	28.8	86.5
67	64.7	30.4	91.2
52	26.0	13.0	39.0

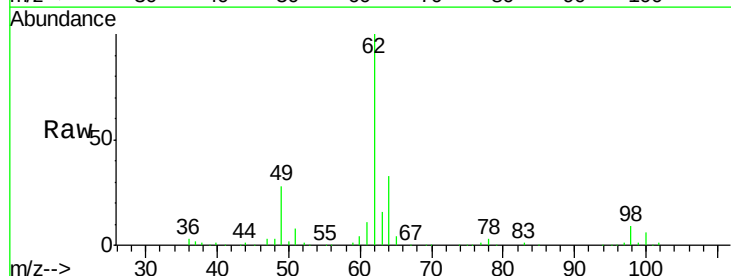


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

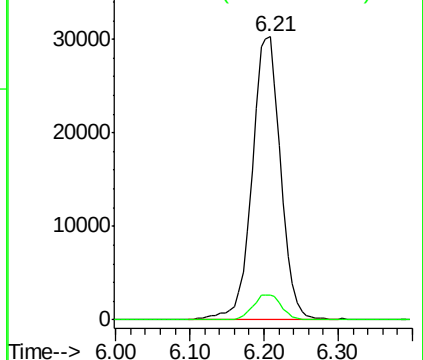
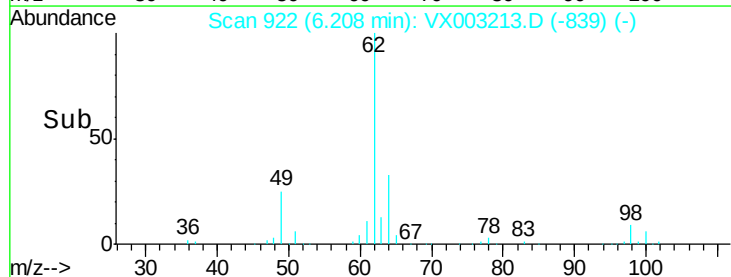


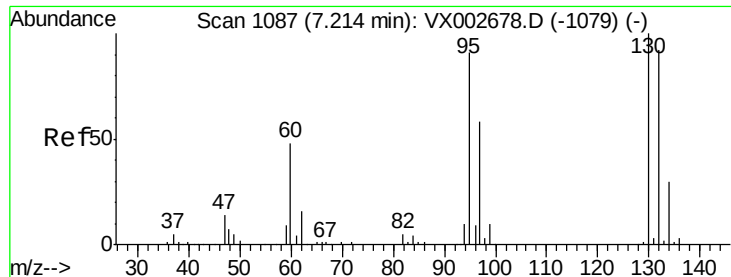
#36
1,2-Dichloroethane
Concen: 19.590 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion:	62	Resp:	81433
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.5	9.7



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

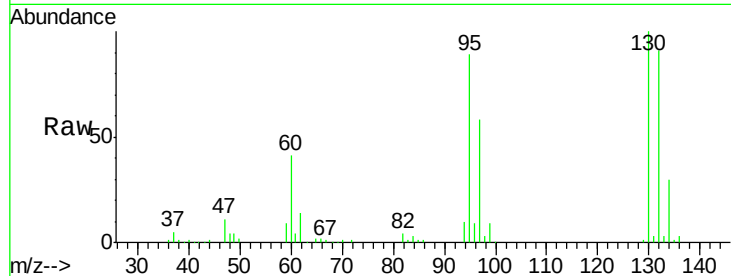




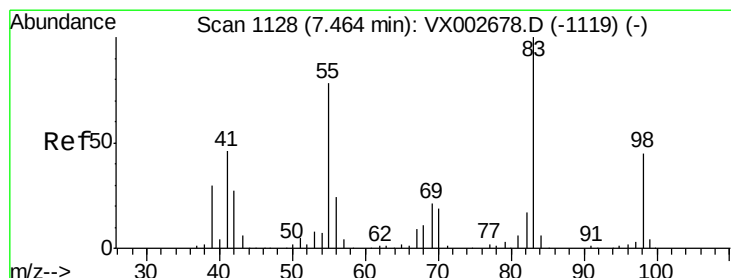
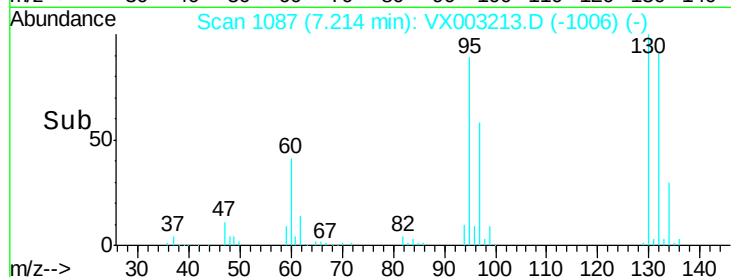
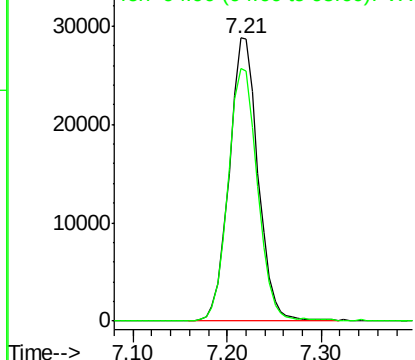
#37
 Trichloroethene
 Concen: 19.762 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

Tot Ion:130 Resp: 61280
 Ion Ratio Lower Upper
 130 100
 95 89.5 81.5 122.3

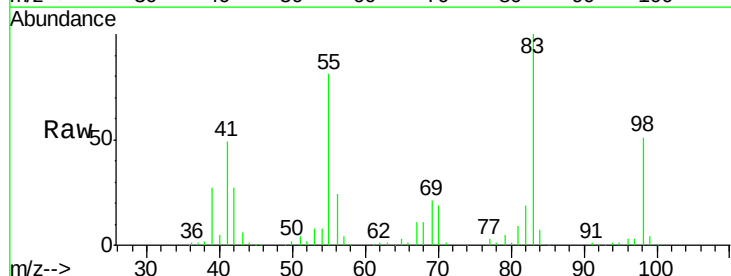


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

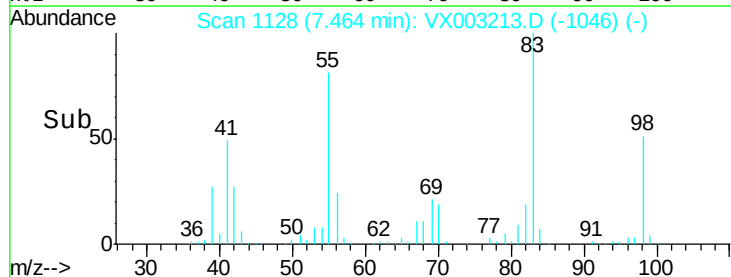
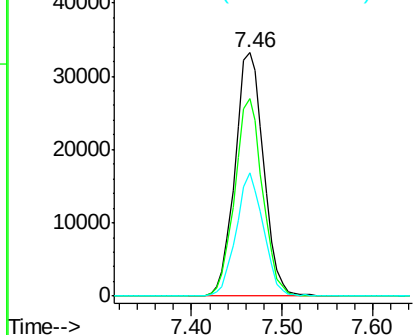


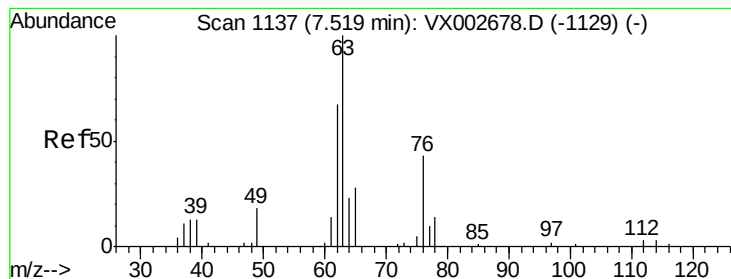
#38
 Methylcyclohexane
 Concen: 16.711 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 83 Resp: 72684
 Ion Ratio Lower Upper
 83 100
 55 78.8 40.6 121.8
 98 48.1 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.560 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

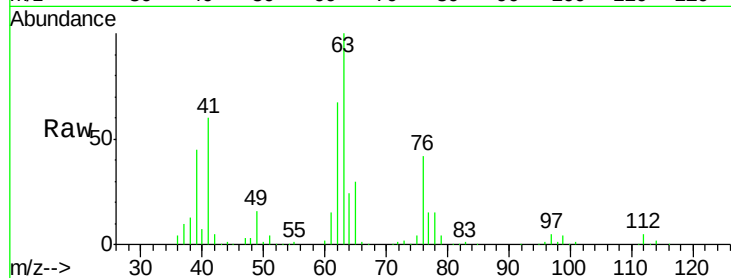
VX0706WBS03

Tot Ion: 63 Resp: 54021

Ion Ratio Lower Upper

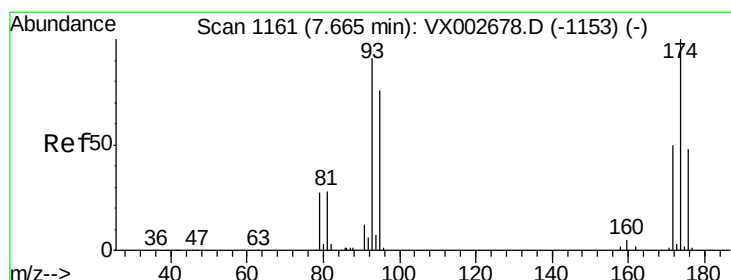
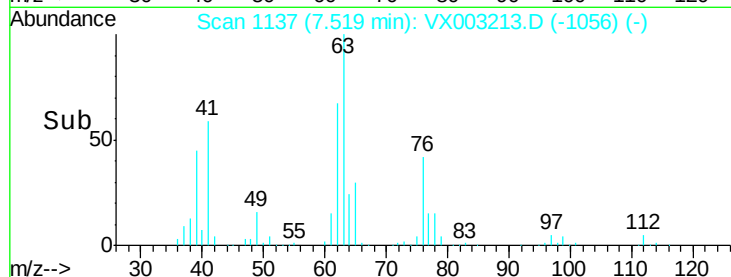
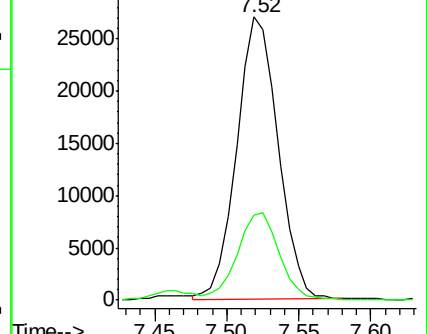
63 100

65 29.9 23.3 34.9



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.638 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

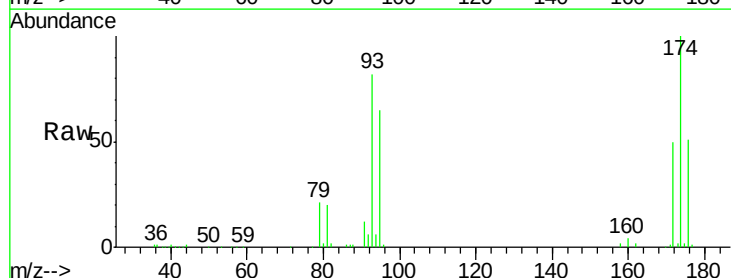
Tgt Ion: 93 Resp: 37681

Ion Ratio Lower Upper

93 100

95 83.7 0.0 162.6

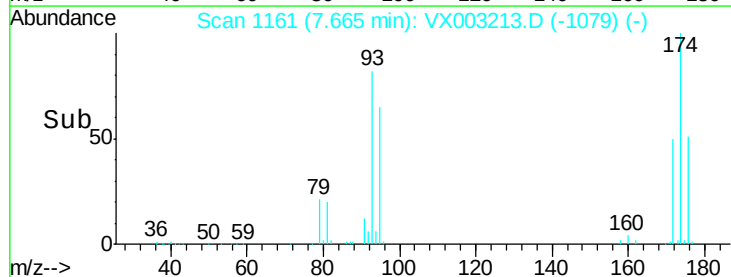
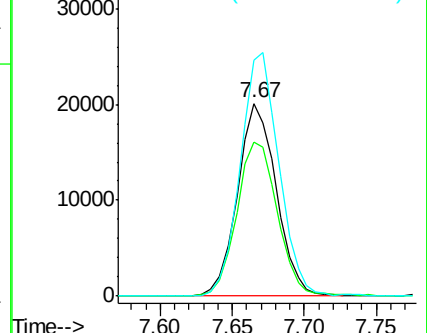
174 124.9 0.0 229.4

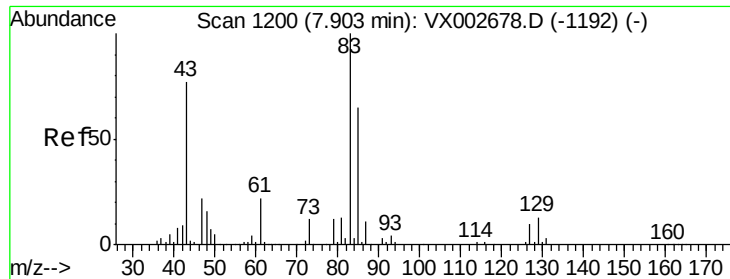


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.307 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

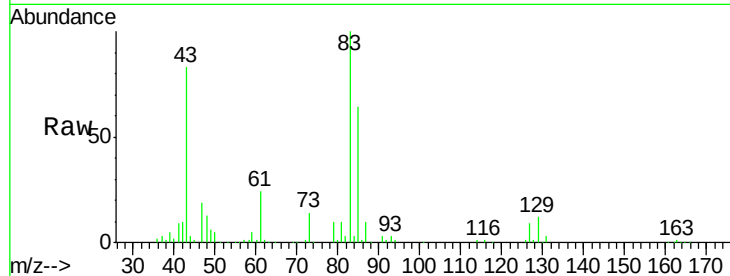
MSVOA_X

ClientSampleId :

VX0706WBS03

Tot Ion: 83 Resp: 69590

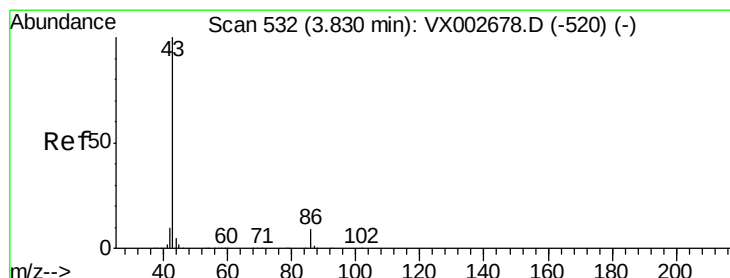
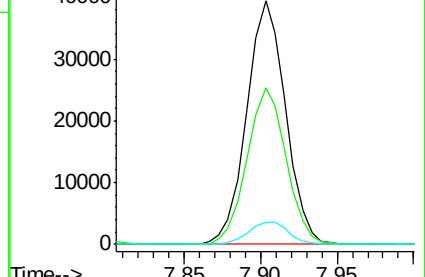
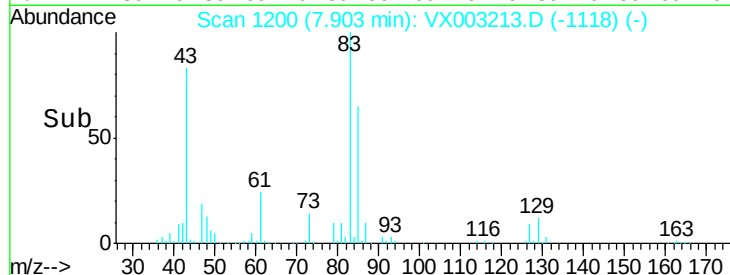
Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.8	74.8
127	9.3	7.3	10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 89.720 ug/l

RT: 3.83 min Scan# 532

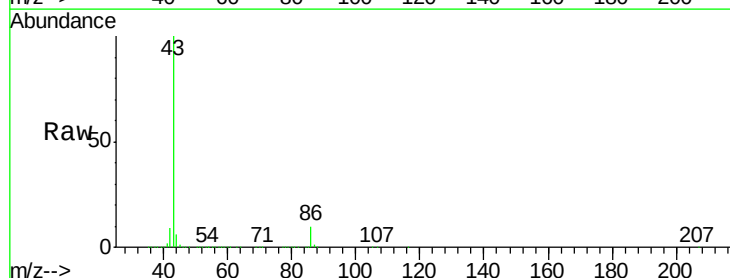
Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

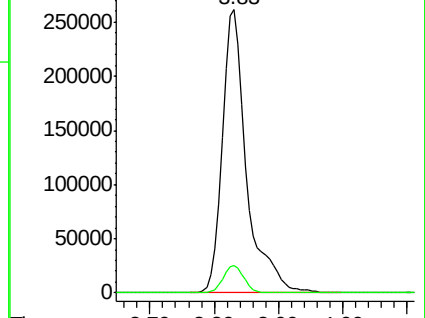
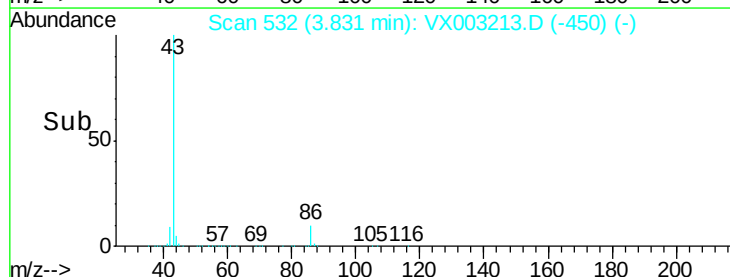
Tgt Ion: 43 Resp: 696092

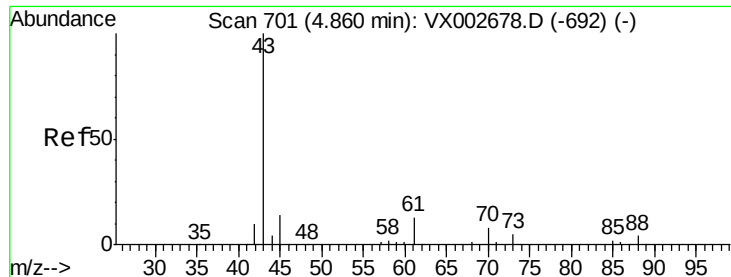
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 20.812 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

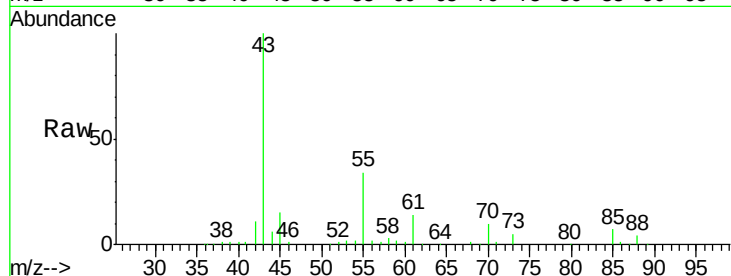
VX0706WBS03

Tot Ion: 43 Resp: 81429

Ion Ratio Lower Upper

43 100

45 14.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

80000

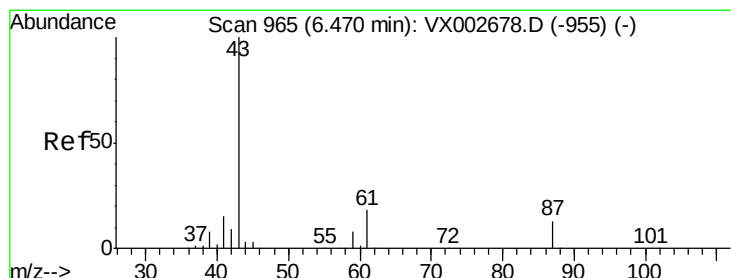
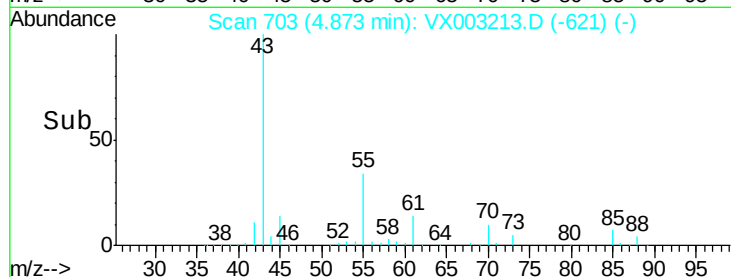
60000

40000

20000

0

Time-->



#44

Isopropyl Acetate

Concen: 19.675 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003213.D

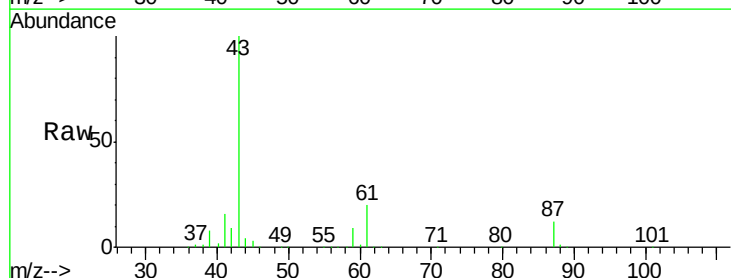
Acq: 06 Jul 2018 13:51

Tgt Ion: 43 Resp: 128980

Ion Ratio Lower Upper

43 100

61 19.2 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

50000

40000

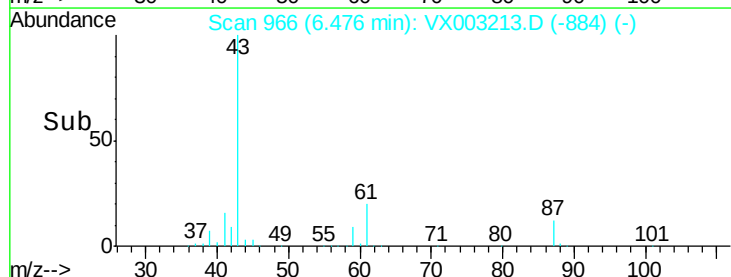
30000

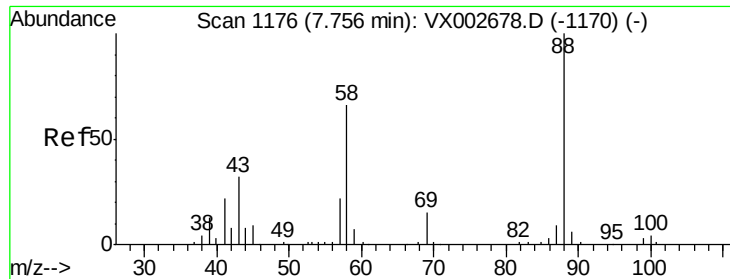
20000

10000

0

Time-->

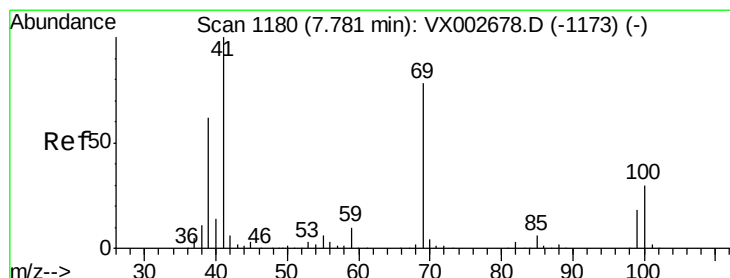
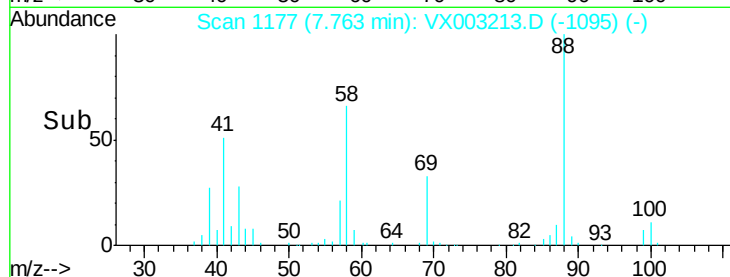
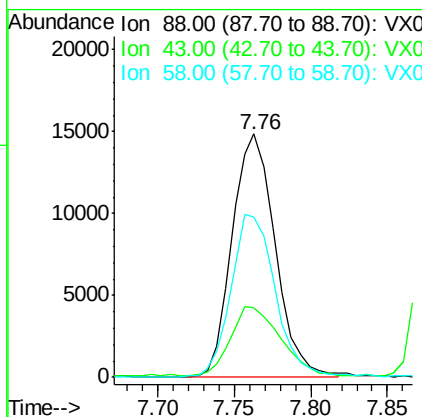
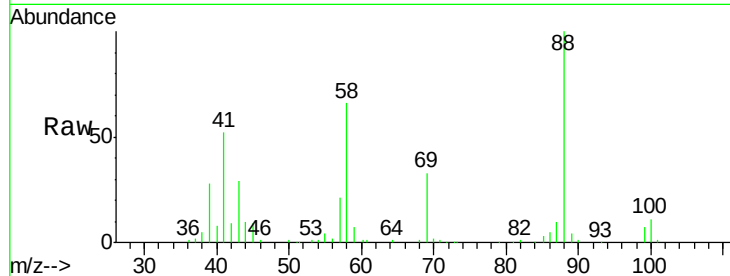




#45
 1,4-Dioxane
 Concen: 452.534 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

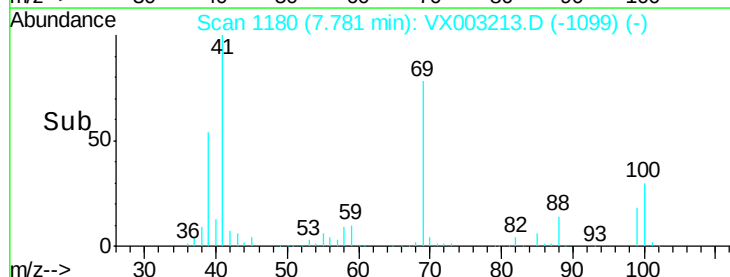
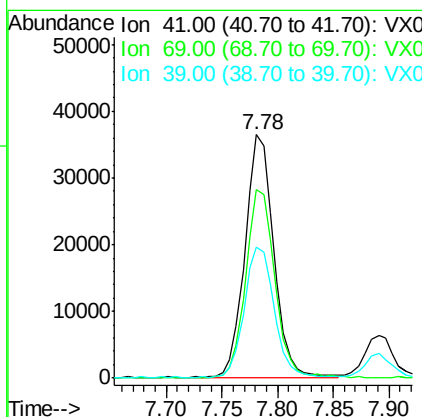
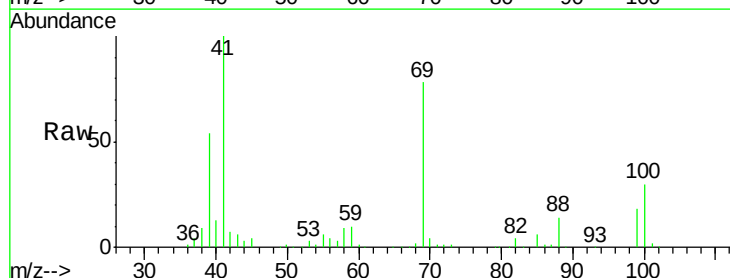
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

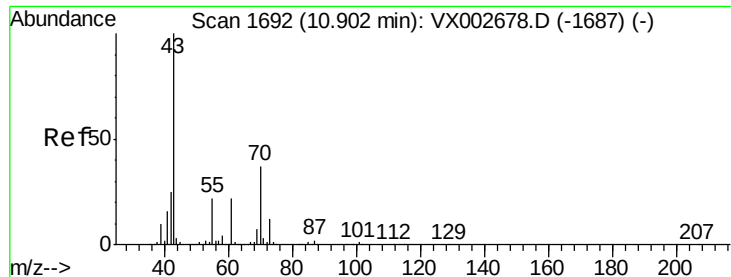
Tot Ion: 88 Resp: 29063
 Ion Ratio Lower Upper
 88 100
 43 32.5 43.2 64.8#
 58 68.6 60.2 90.2



#46
 Methyl methacrylate
 Concen: 19.575 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 41 Resp: 65570
 Ion Ratio Lower Upper
 41 100
 69 77.7 37.0 110.9
 39 53.7 29.6 88.9





#47

n-amvl Acetate

Concen: 17.441 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

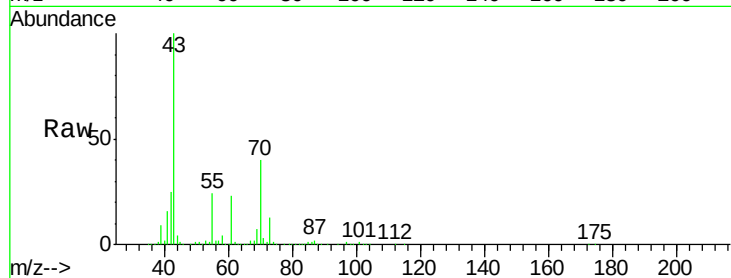
VX0706WBS03

Tot Ion: 43 Resp: 107890

Ion Ratio Lower Upper

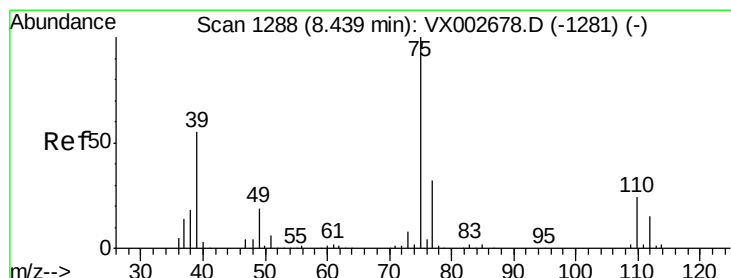
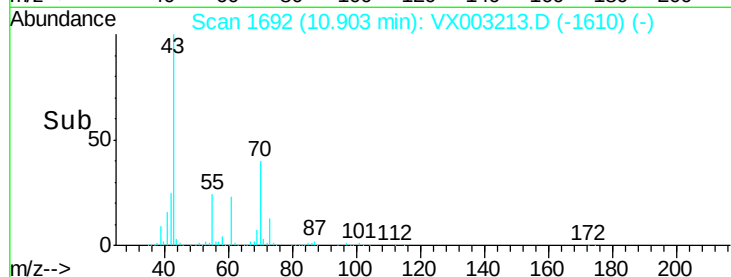
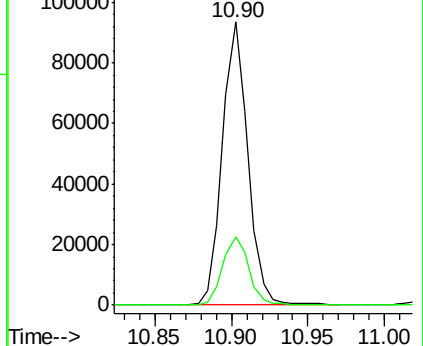
43 100

55 24.8 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: 18.905 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003213.D

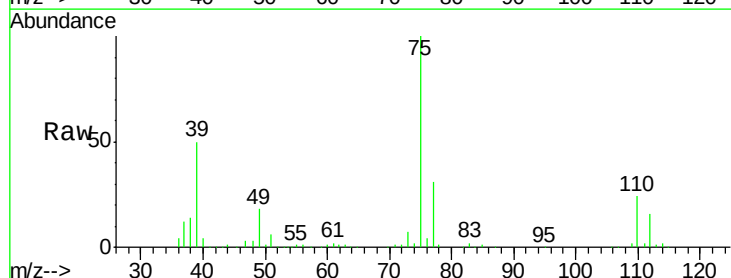
Acq: 06 Jul 2018 13:51

Tgt Ion: 75 Resp: 79997

Ion Ratio Lower Upper

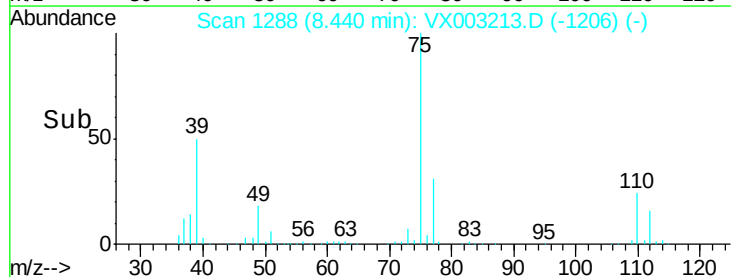
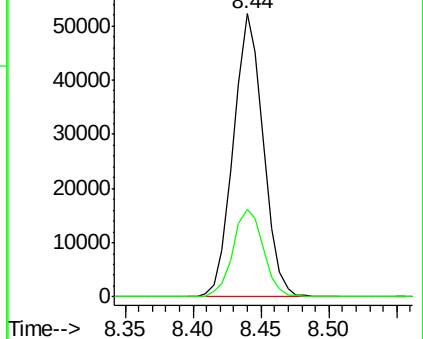
75 100

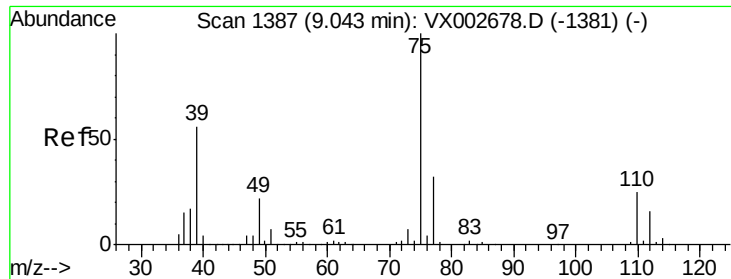
77 31.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

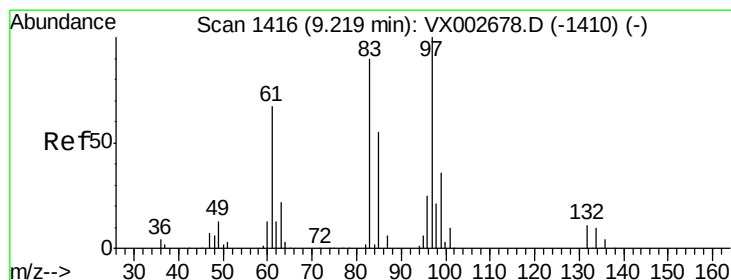
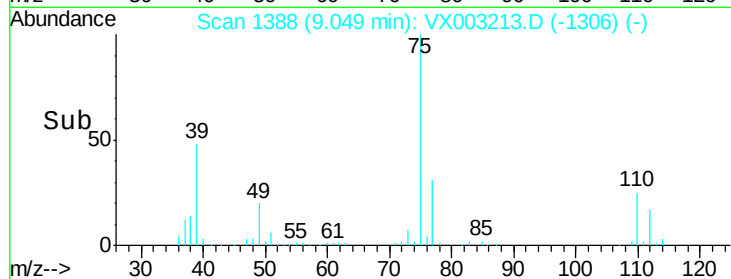
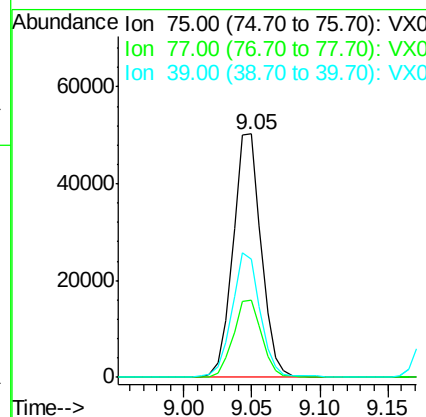
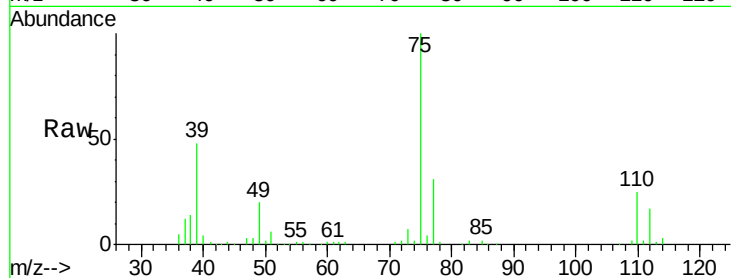




#49
 cis-1,3-Dichloropropene
 Concen: 18.359 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

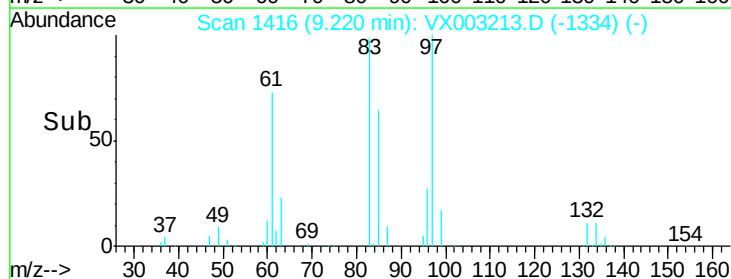
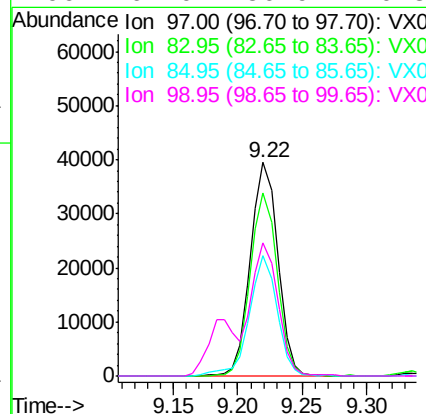
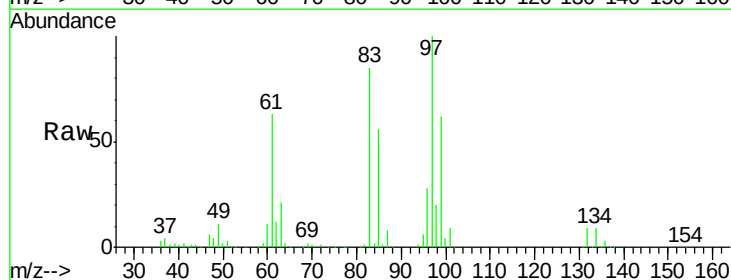
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

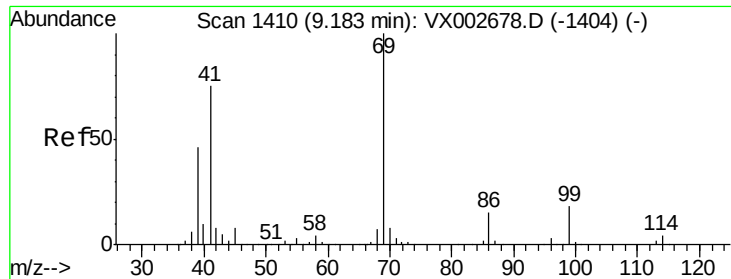
Tot Ion: 75 Resp: 72558
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2
 39 48.2 42.3 63.5



#50
 1,1,2-Trichloroethane
 Concen: 20.552 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 97 Resp: 58168
 Ion Ratio Lower Upper
 97 100
 83 85.4 70.8 106.2
 85 55.9 43.5 65.3
 99 62.0 50.9 76.3





#51

Ethyl methacrylate

Concen: 18.955 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

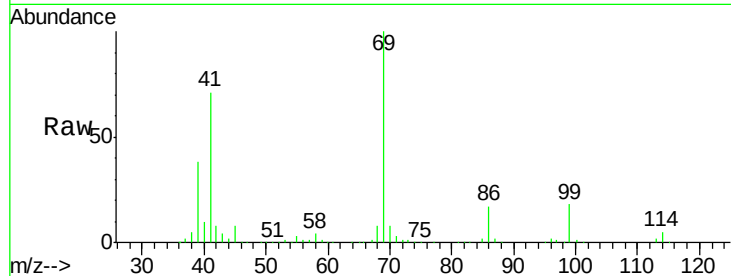
Tot Ion: 69 Resp: 80982

Ion Ratio Lower Upper

69 100

41 70.4 39.1 117.3

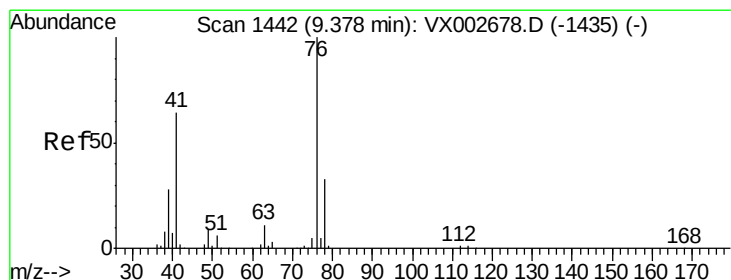
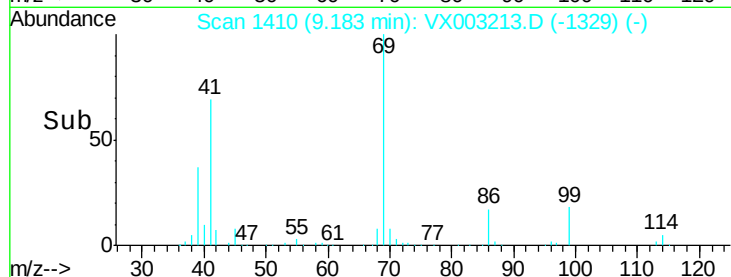
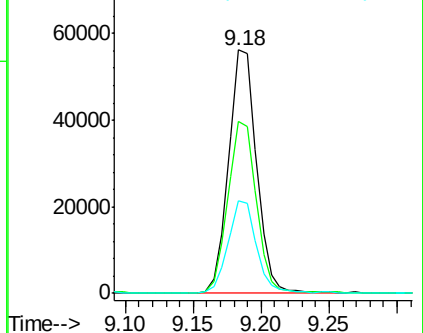
39 38.0 21.7 65.1



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: 20.066 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003213.D

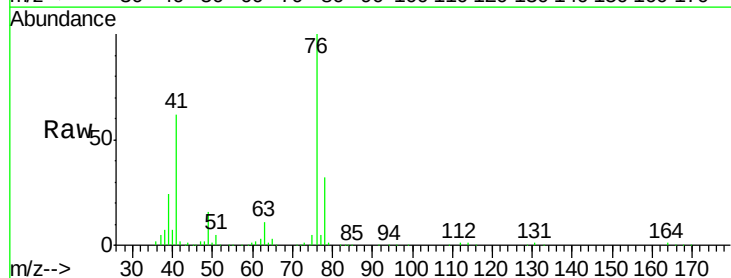
Acq: 06 Jul 2018 13:51

Tgt Ion: 76 Resp: 92762

Ion Ratio Lower Upper

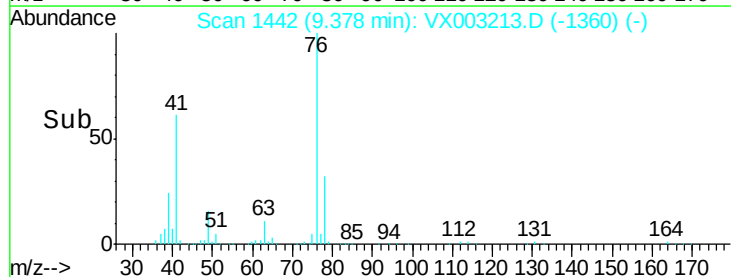
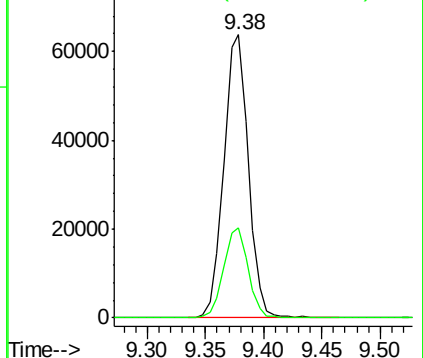
76 100

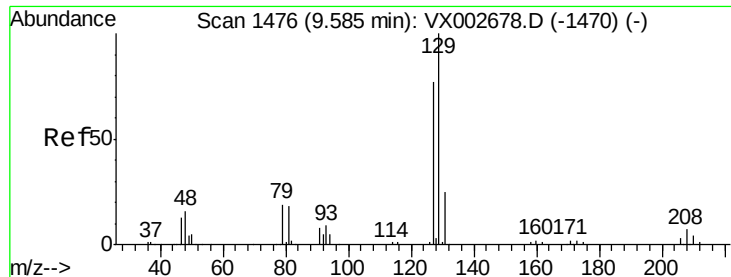
78 31.8 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.079 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

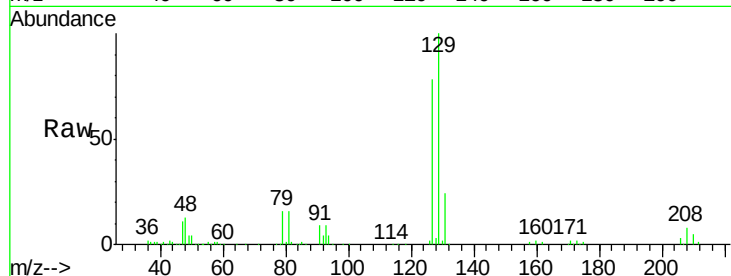
VX0706WBS03

Tot Ion:129 Resp: 57326

Ion Ratio Lower Upper

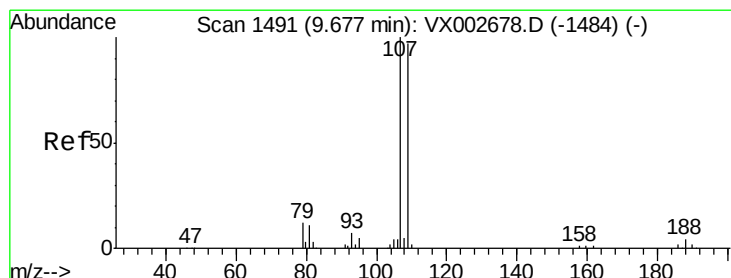
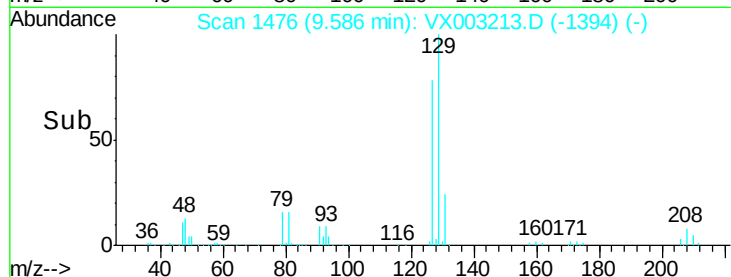
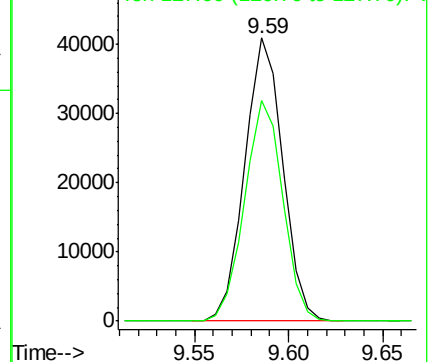
129 100

127 78.3 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: 20.072 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003213.D

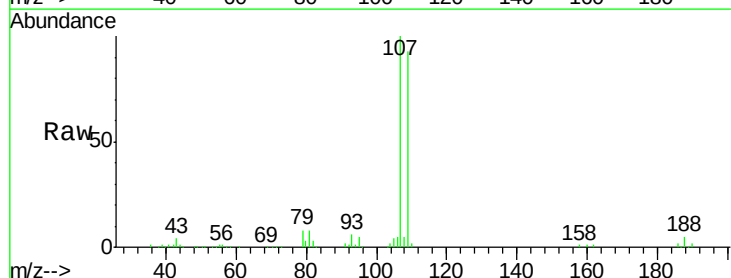
Acq: 06 Jul 2018 13:51

Tgt Ion:107 Resp: 59866

Ion Ratio Lower Upper

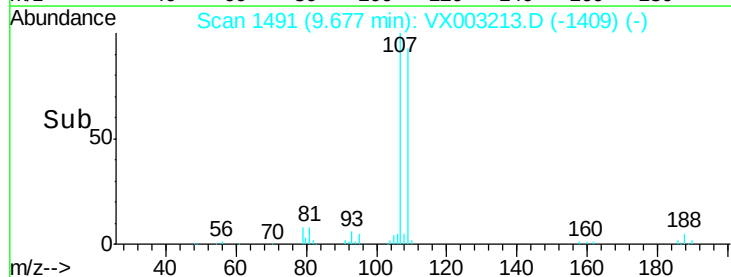
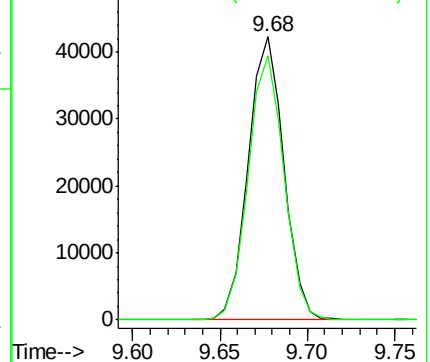
107 100

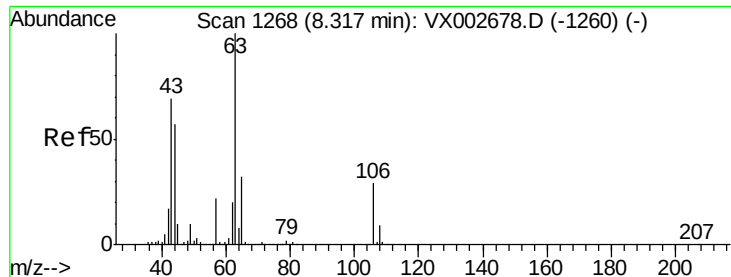
109 93.9 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

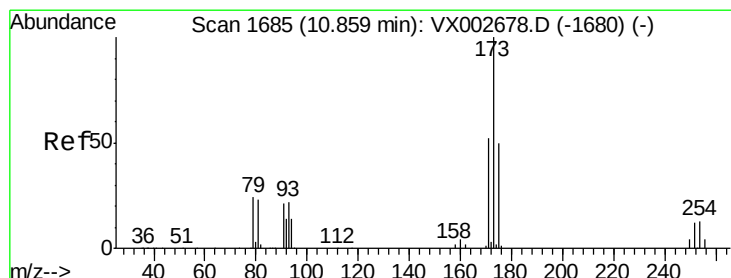
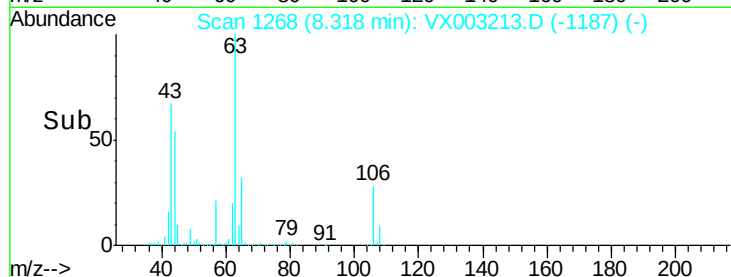
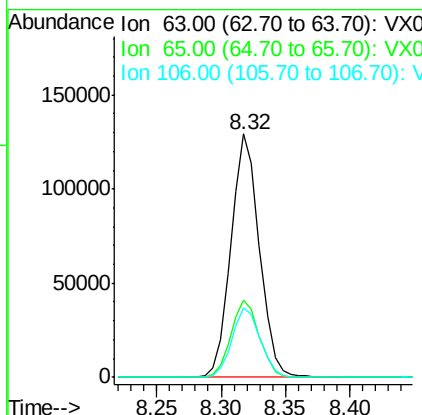
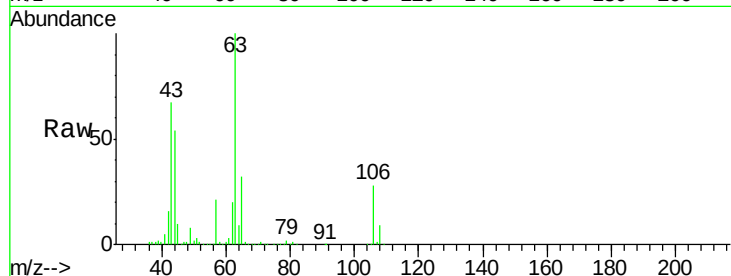




#55
2-Chloroethyl vinyl ether
Concen: 97.897 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

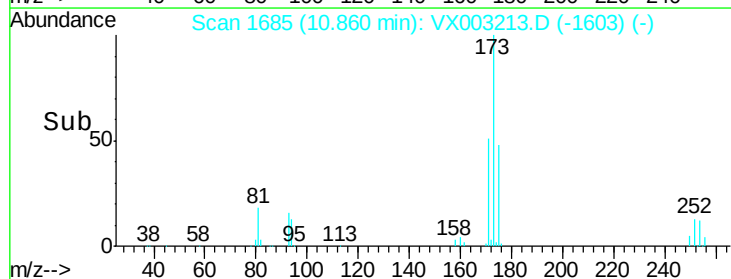
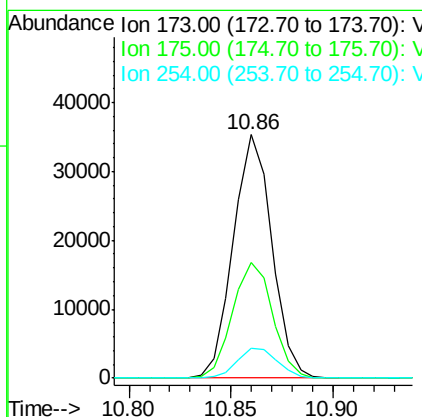
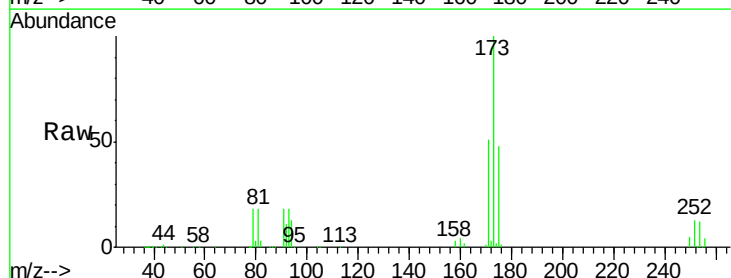
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

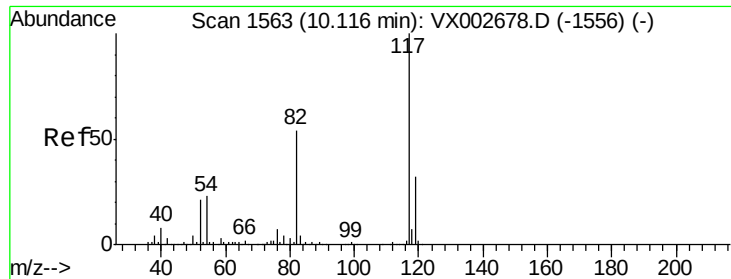
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.6	38.4
106	28.6	21.6	32.4



#56
Bromoform
Concen: 19.406 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.0	58.4
254	12.9	9.6	14.4

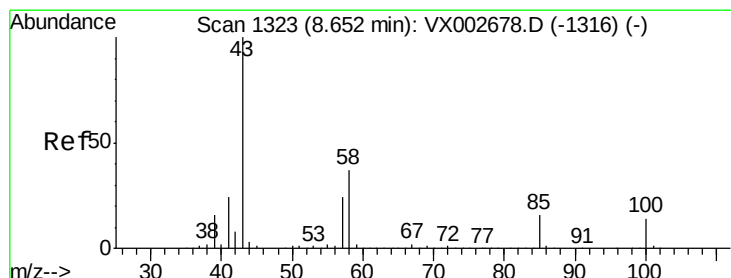
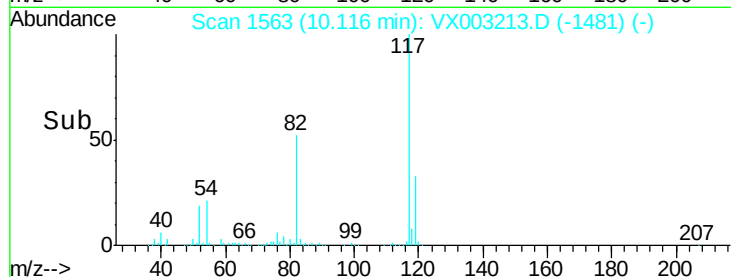
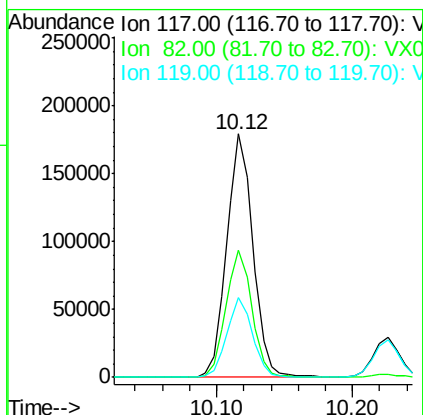
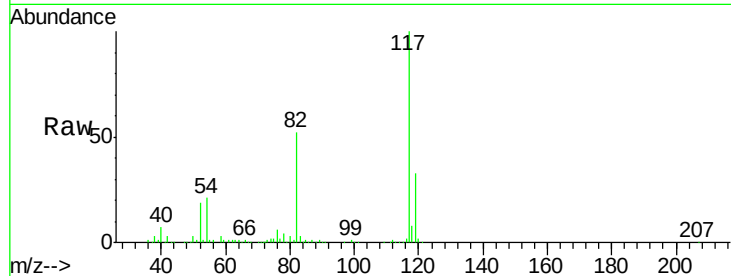




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

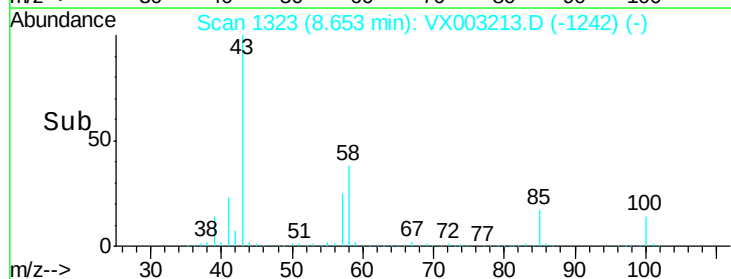
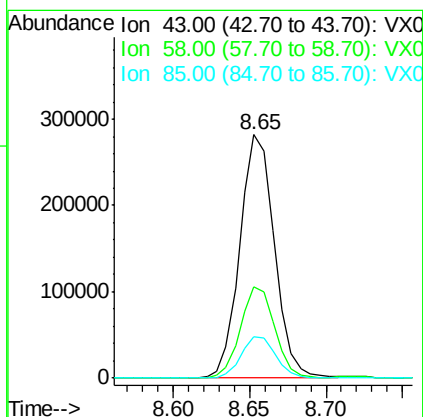
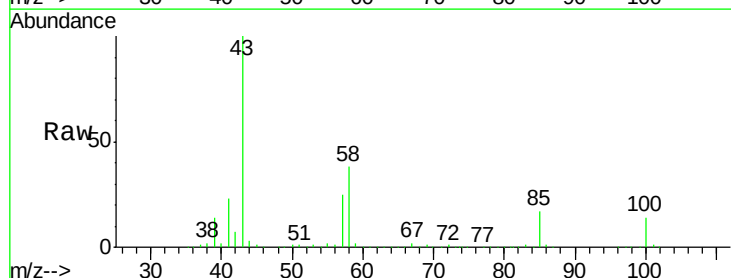
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

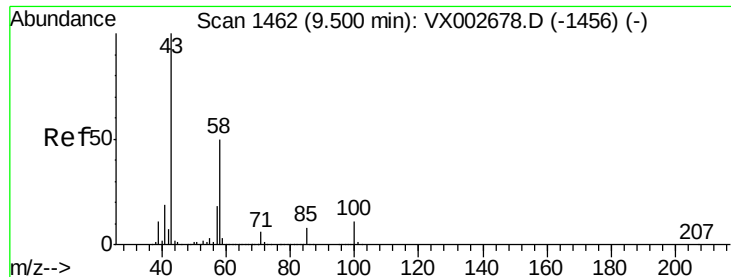
Tot Ion:117 Resp: 240324
Ion Ratio Lower Upper
117 100
82 52.0 44.3 66.5
119 32.2 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 108.496 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion: 43 Resp: 442697
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4
85 17.1 12.4 18.6

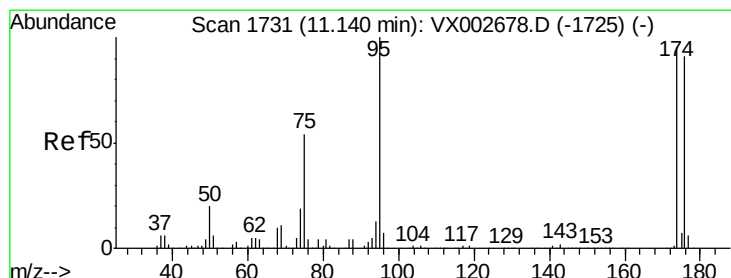
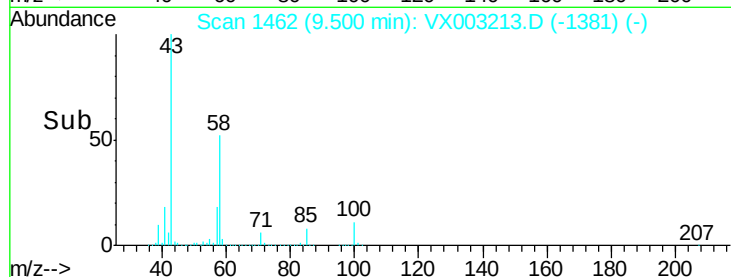
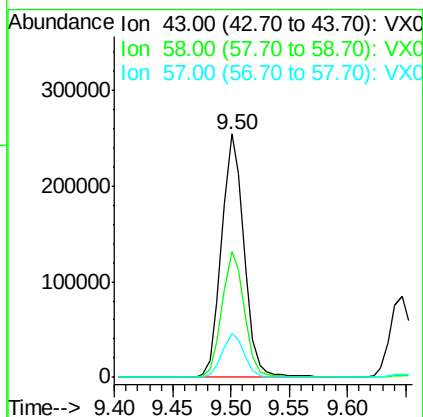
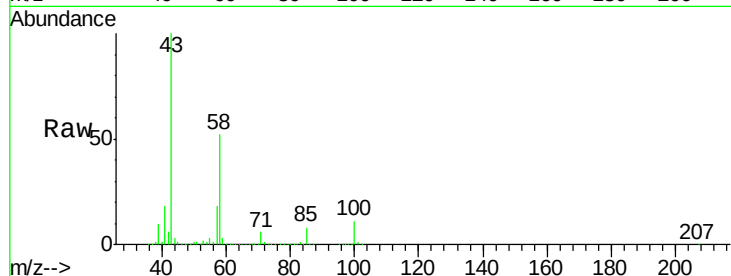




#59
2-Hexanone
Concen: 109.150 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

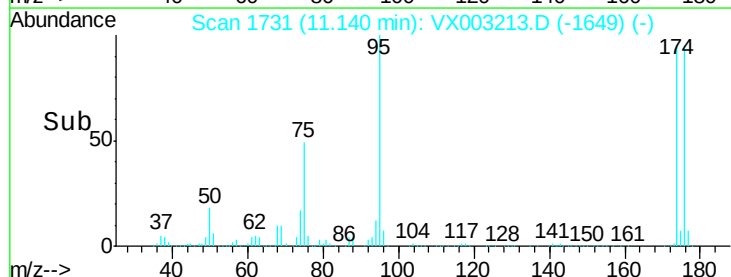
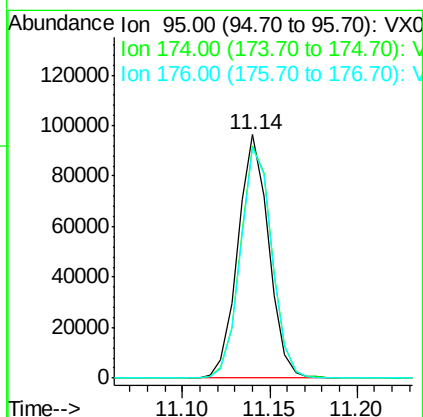
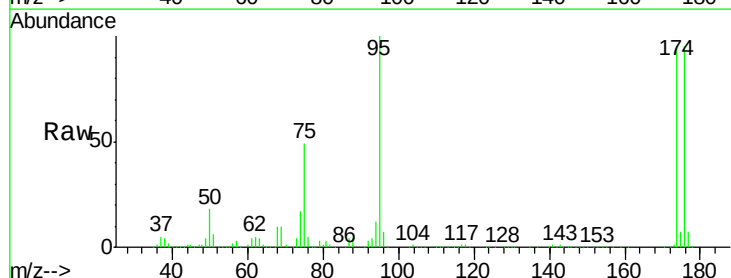
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

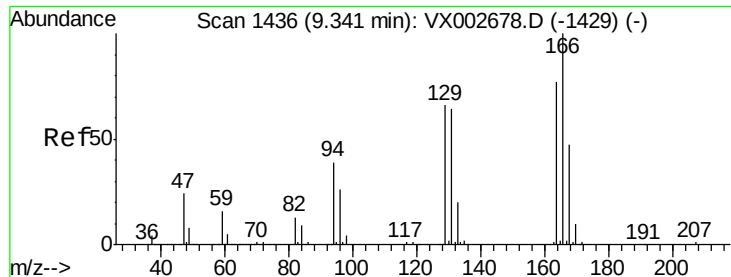
Tot Ion	43	Resp	340458
Ion Ratio	Lower	Upper	
43	100		
58	51.4	39.6	59.4
57	18.0	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 29.736 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion	95	Resp	118029
Ion Ratio	Lower	Upper	
95	100		
174	98.0	71.8	107.6
176	96.7	70.1	105.1





#61

Tetrachloroethene

Concen: 20.897 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

Tot Ion:164 Resp: 68922

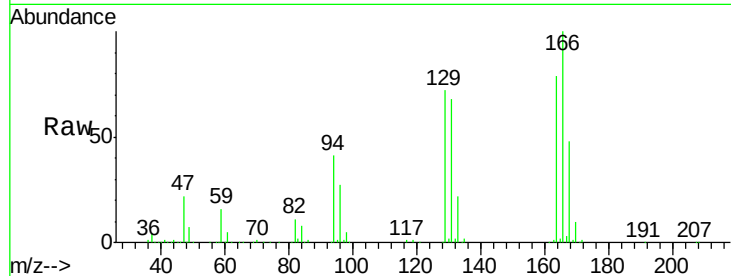
Ion Ratio Lower Upper

164 100

166 127.2 102.4 153.6

129 91.0 70.1 105.1

131 86.4 69.1 103.7

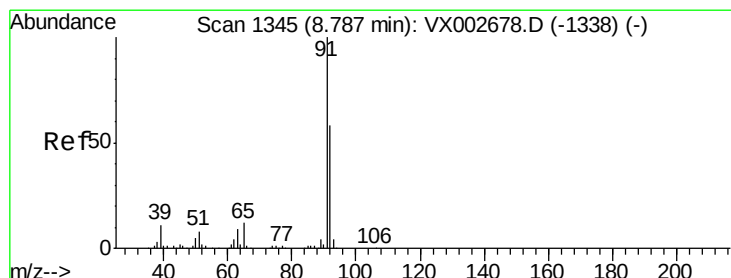
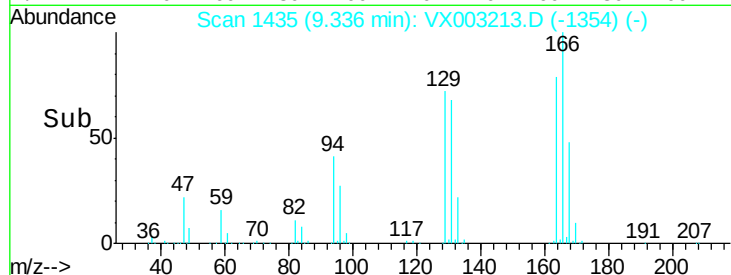
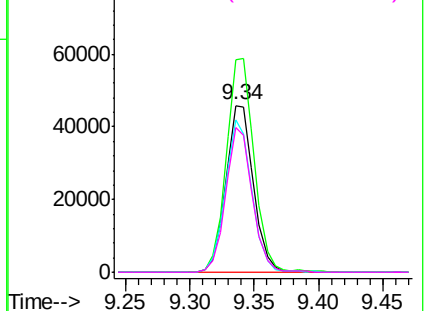


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.989 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX003213.D

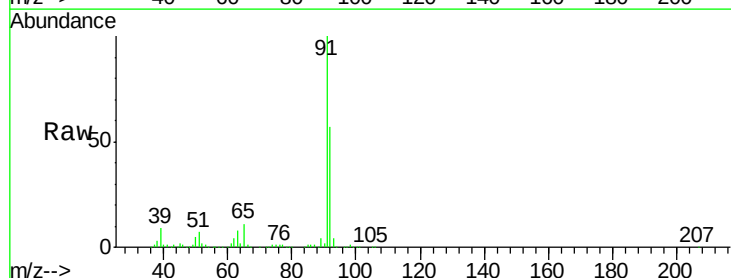
Acq: 06 Jul 2018 13:51

Tgt Ion: 91 Resp: 231554

Ion Ratio Lower Upper

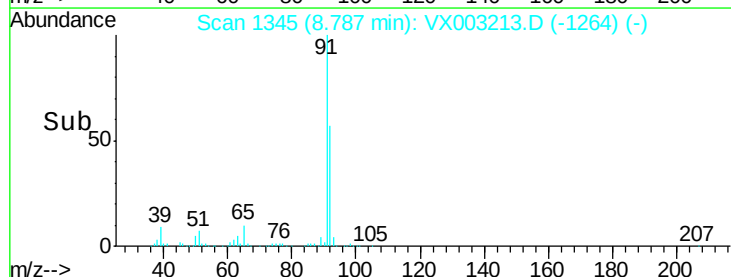
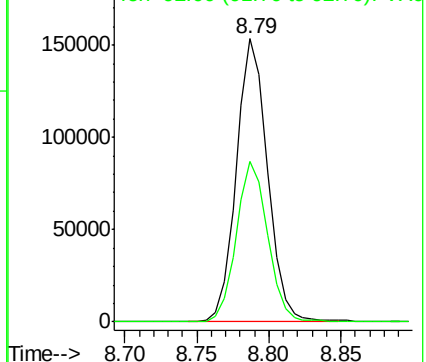
91 100

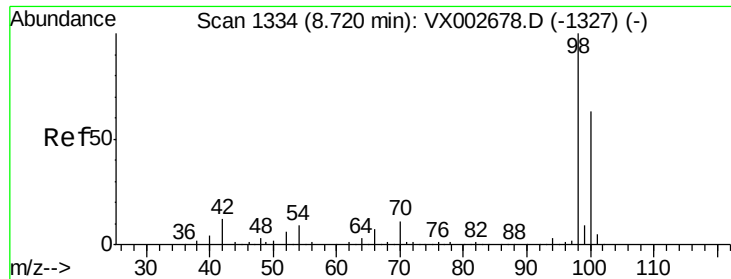
92 57.4 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.051 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

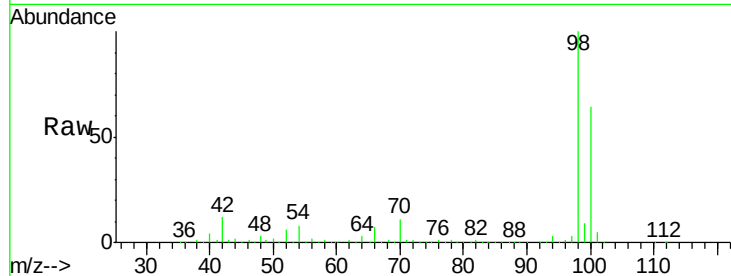
VX0706WBS03

Tot Ion: 98 Resp: 315478

Ion Ratio Lower Upper

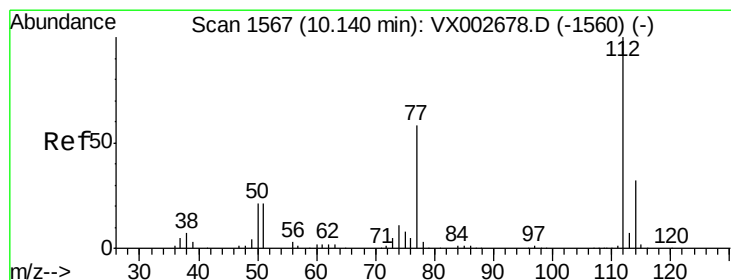
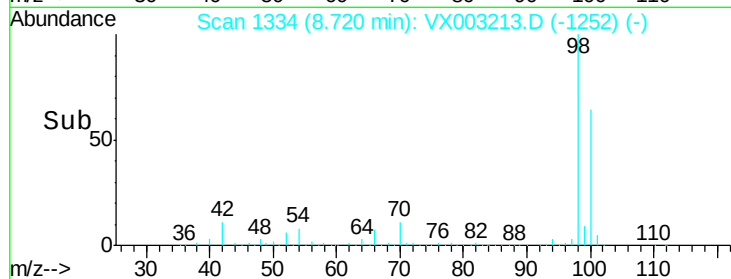
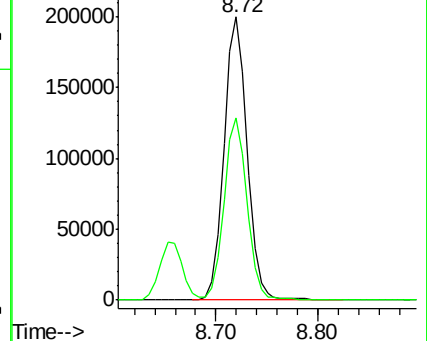
98 100

100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#64

Chlorobenzene

Concen: 20.221 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003213.D

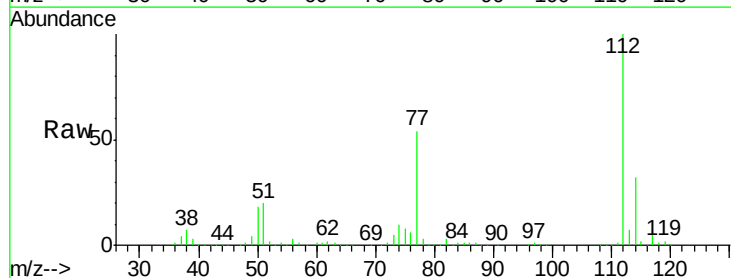
Acq: 06 Jul 2018 13:51

Tgt Ion: 112 Resp: 155633

Ion Ratio Lower Upper

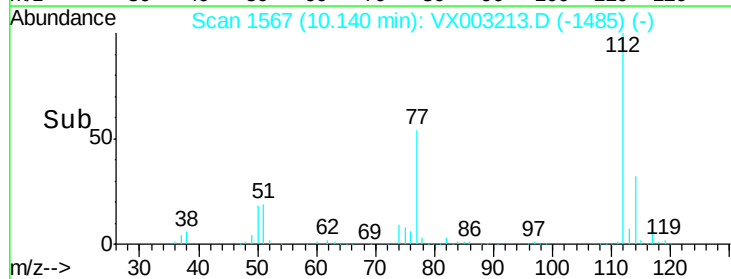
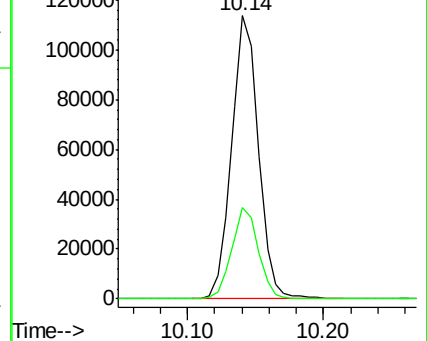
112 100

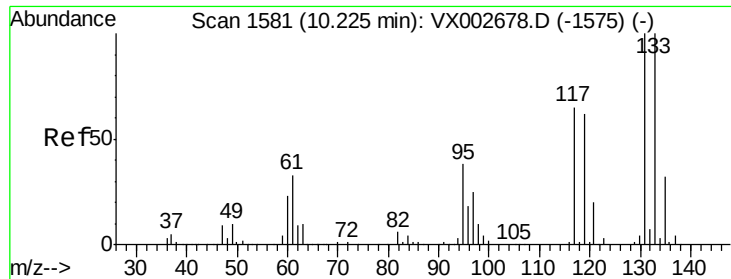
114 32.2 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.579 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

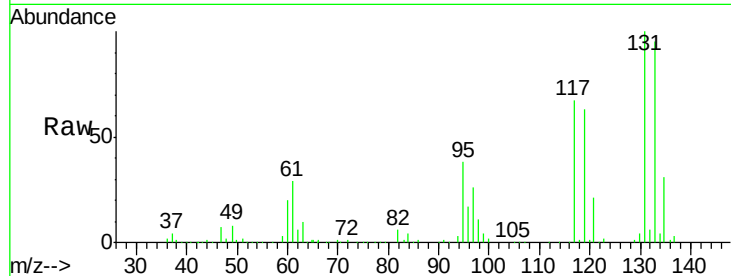
Tot Ion:131 Resp: 58057

Ion Ratio Lower Upper

131 100

133 96.2 0.0 191.2

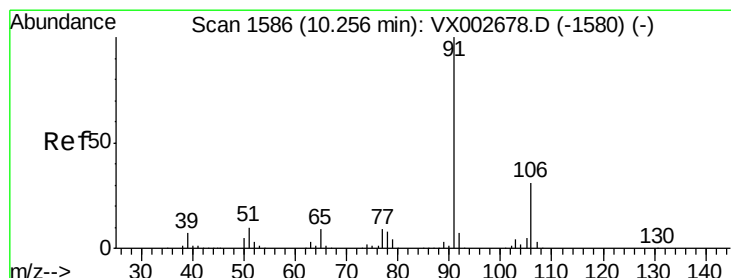
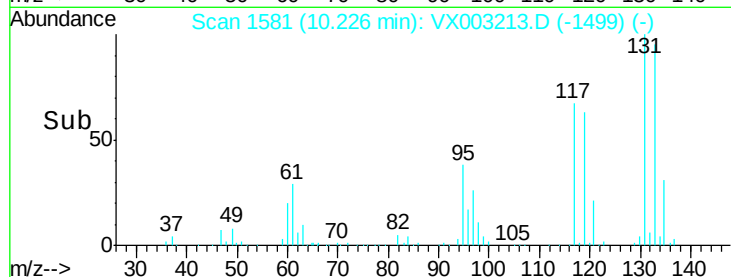
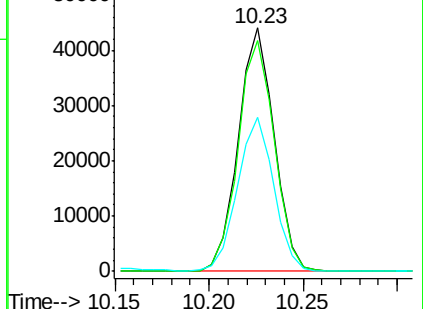
119 64.1 0.0 125.4



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: 19.196 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003213.D

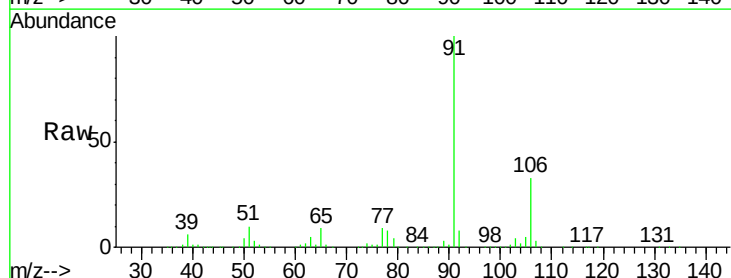
Acq: 06 Jul 2018 13:51

Tgt Ion: 91 Resp: 250439

Ion Ratio Lower Upper

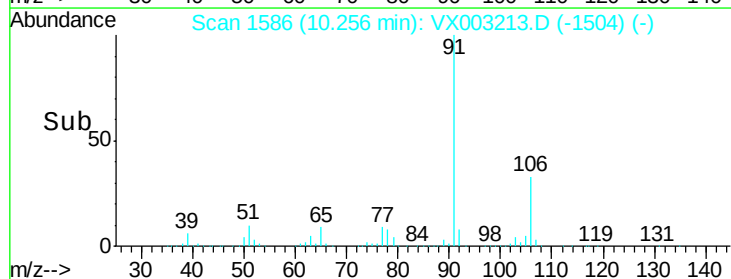
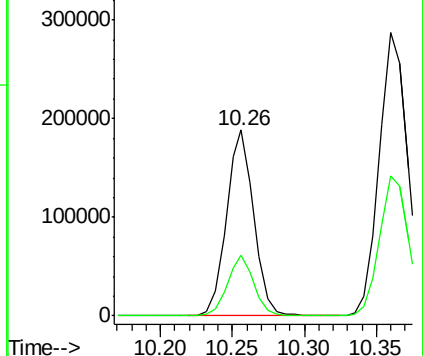
91 100

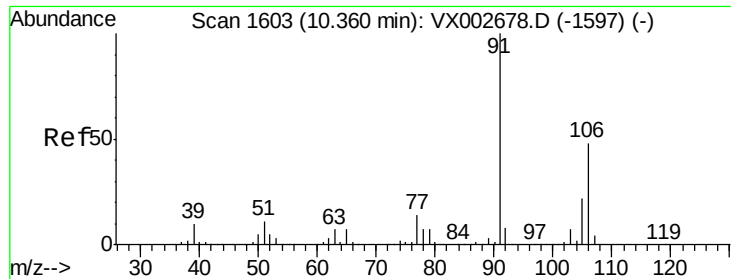
106 32.7 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

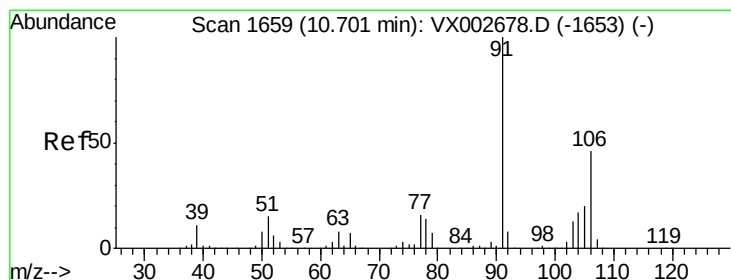
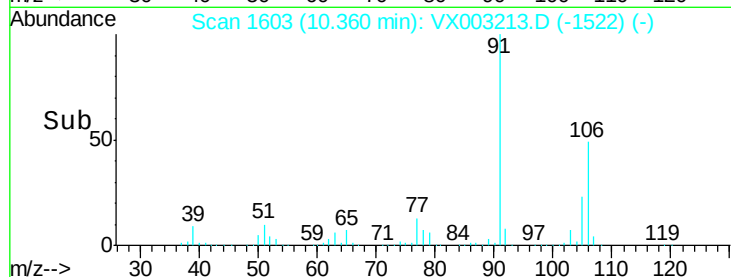
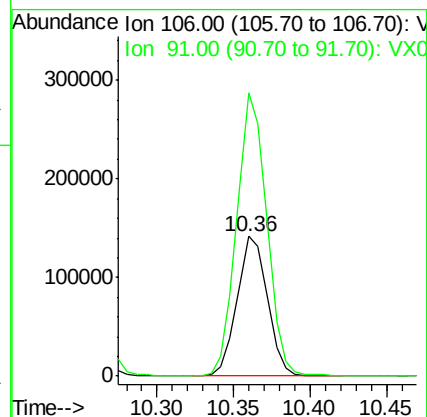
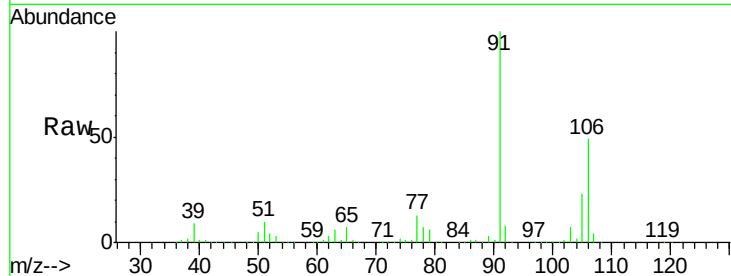




#67
m/p-Xylenes
Concen: 38.337 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

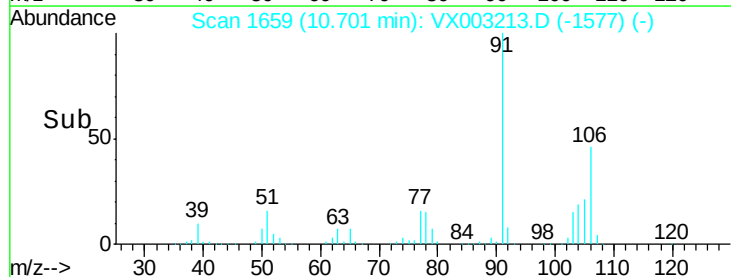
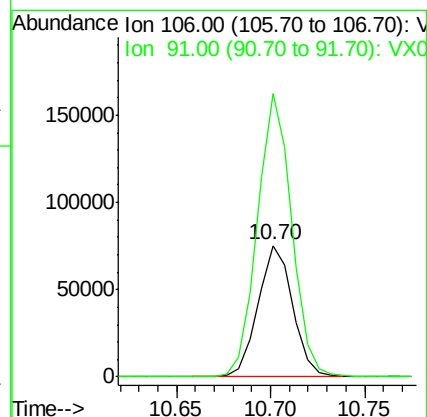
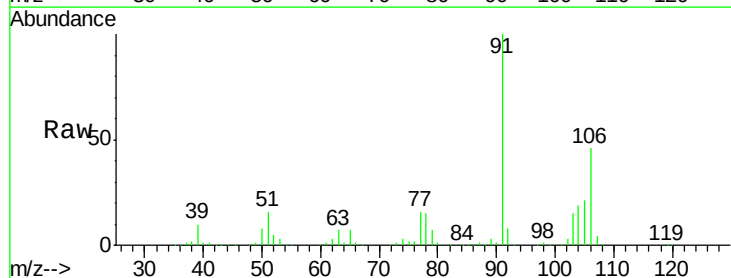
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

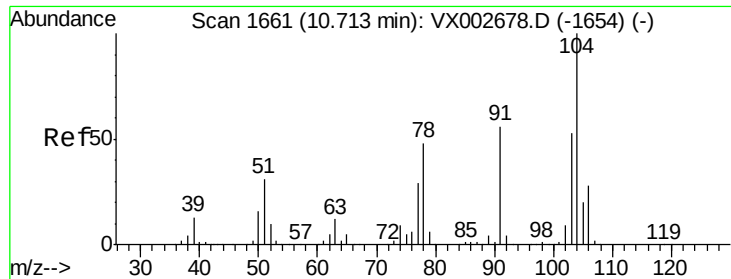
Tot Ion:106 Resp: 194365
Ion Ratio Lower Upper
106 100
91 201.9 164.1 246.1



#68
o-Xylene
Concen: 19.444 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion:106 Resp: 96042
Ion Ratio Lower Upper
106 100
91 213.2 109.1 327.3

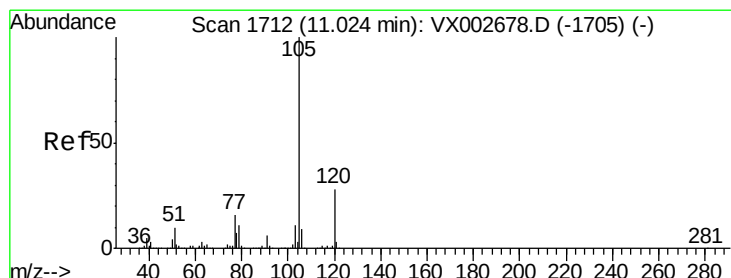
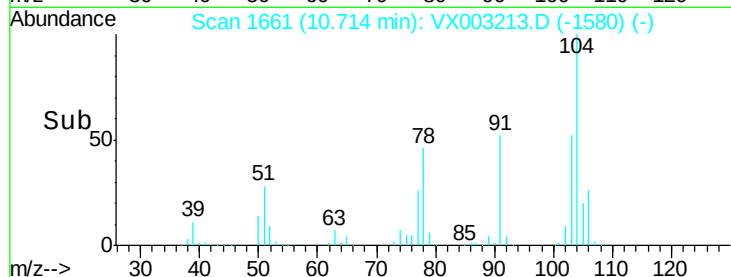
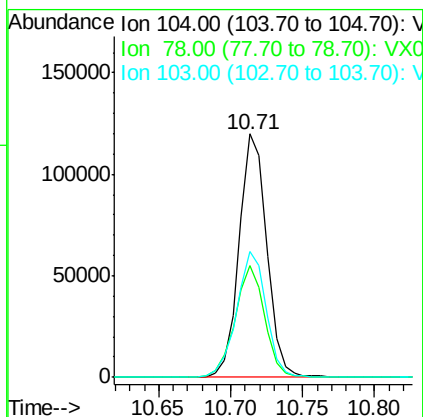
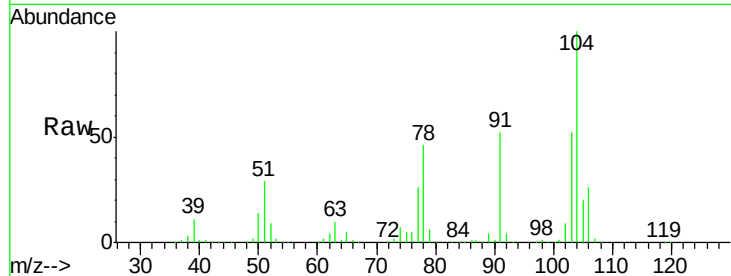




#69
Stvrene
Concen: 19.413 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

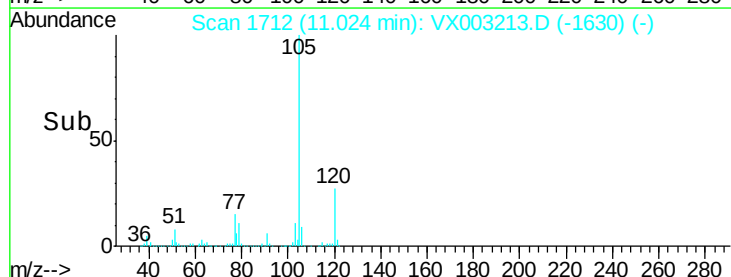
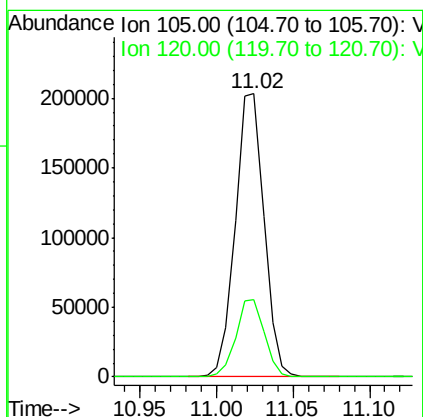
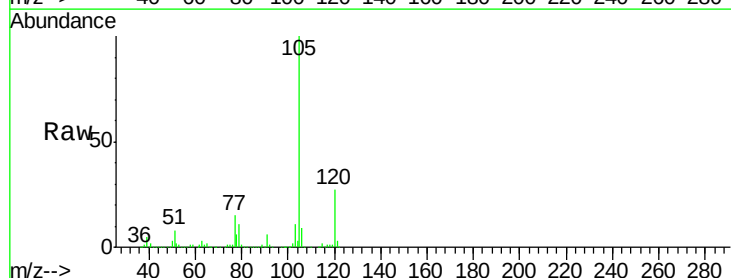
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

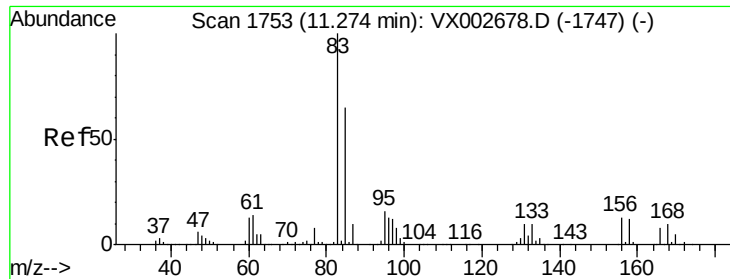
Tot Ion:104 Resp: 159979
Ion Ratio Lower Upper
104 100
78 49.2 41.8 62.8
103 55.6 44.9 67.3



#70
Isopropylbenzene
Concen: 19.536 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion:105 Resp: 266087
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2

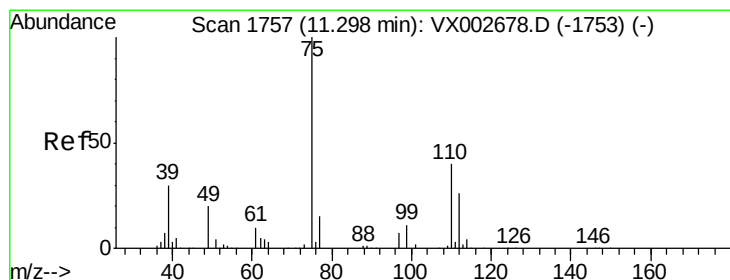
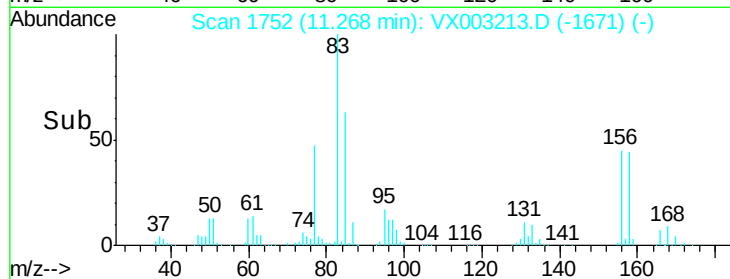
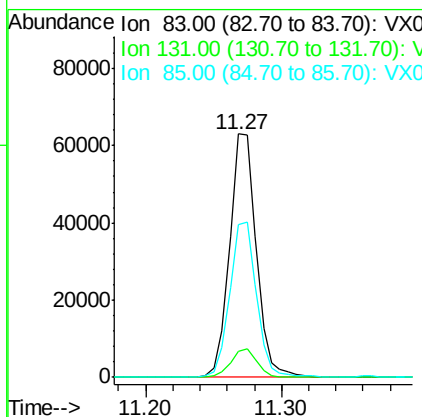
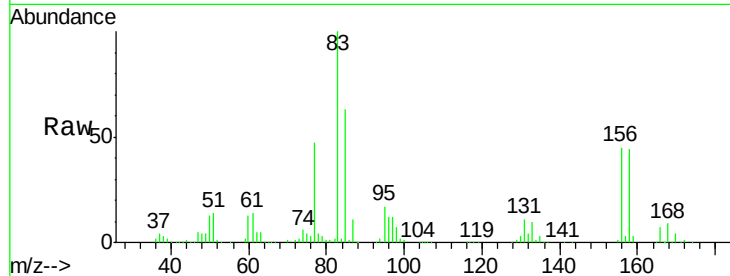




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.167 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

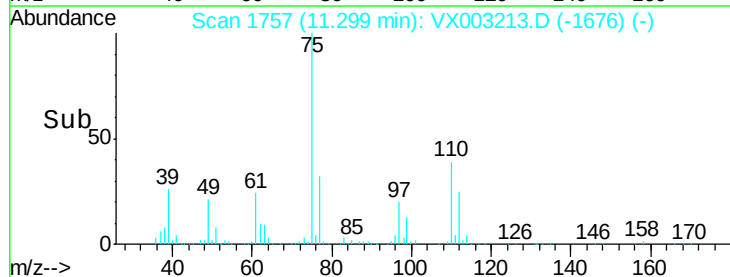
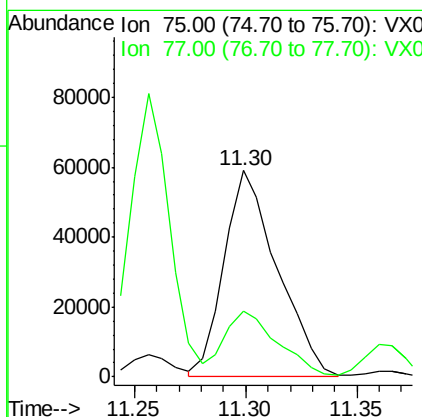
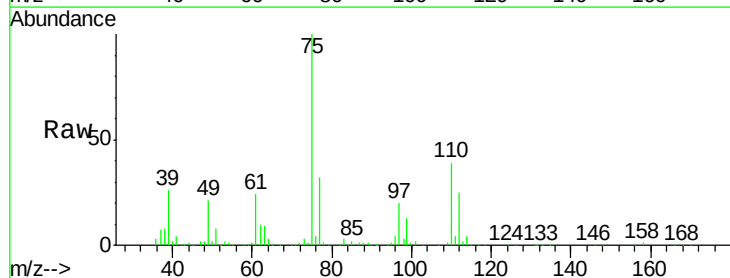
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

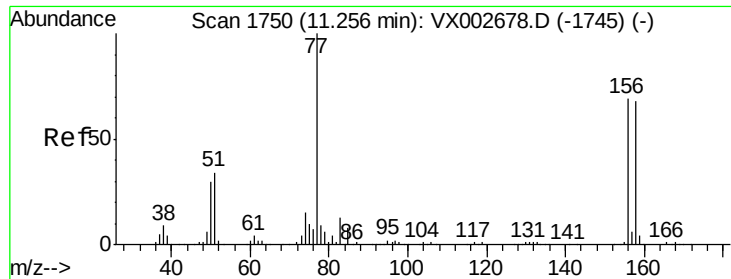
Tot Ion: 83 Resp: 86184
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.4 16.2
 85 64.0 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 27.884 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 75 Resp: 98420
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 71.8





#73

Bromobenzene

Concen: 19.976 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

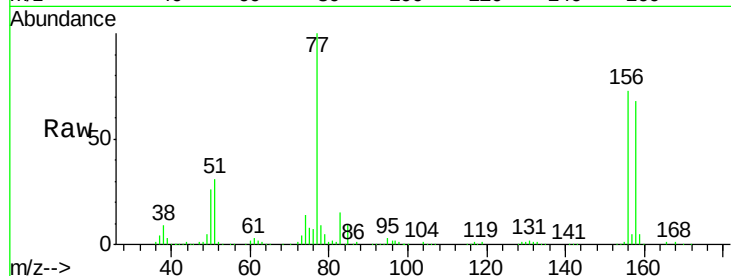
Tot Ion:156 Resp: 75666

Ion Ratio Lower Upper

156 100

77 133.1 0.0 301.0

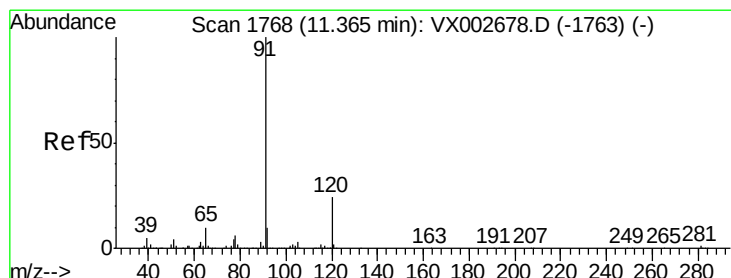
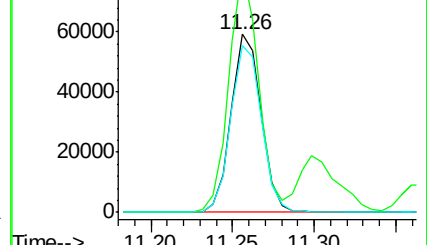
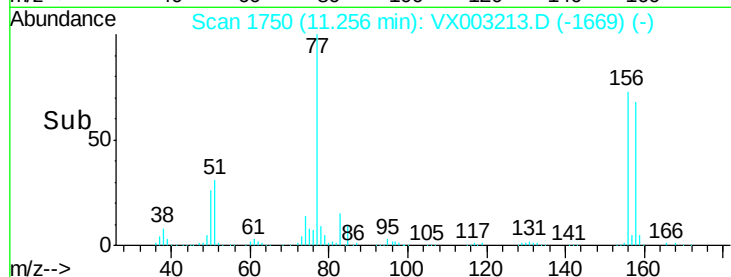
158 96.1 0.0 196.2



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: 18.434 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003213.D

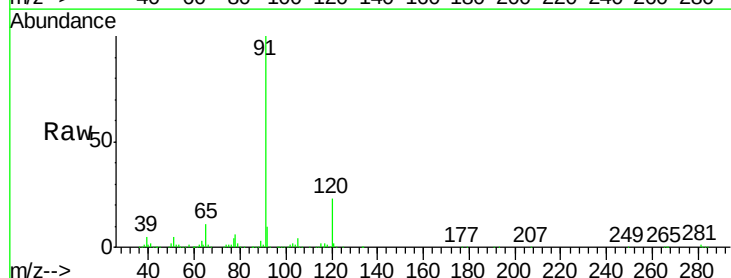
Acq: 06 Jul 2018 13:51

Tgt Ion: 91 Resp: 291465

Ion Ratio Lower Upper

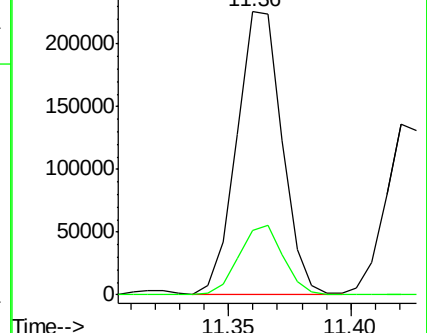
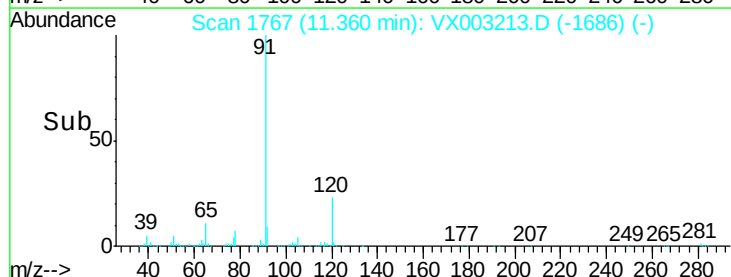
91 100

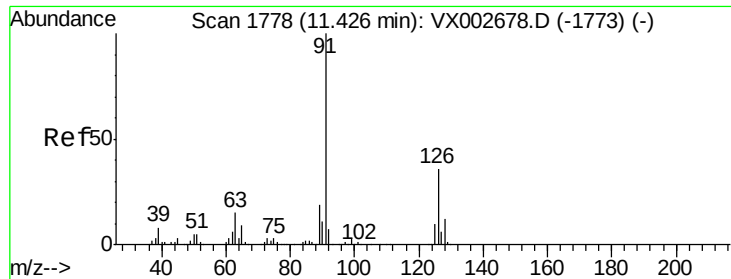
120 24.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.426 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

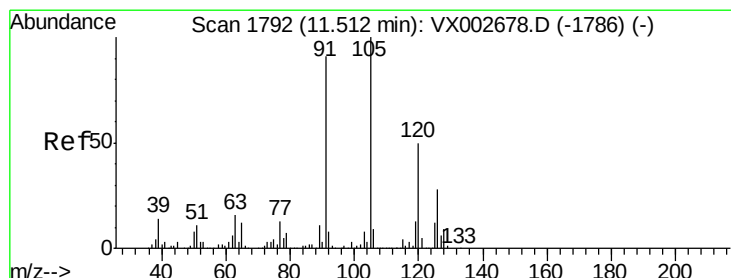
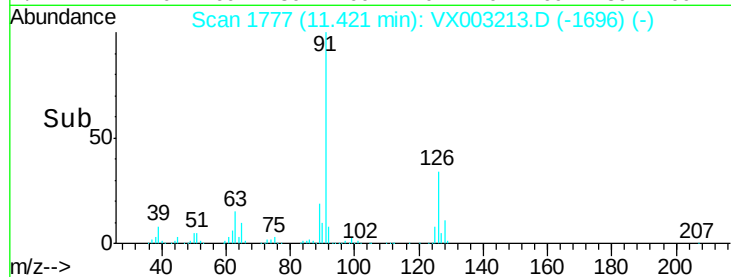
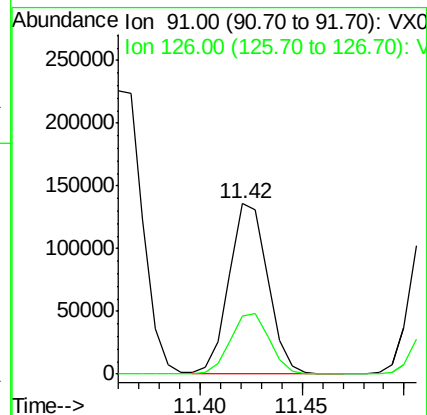
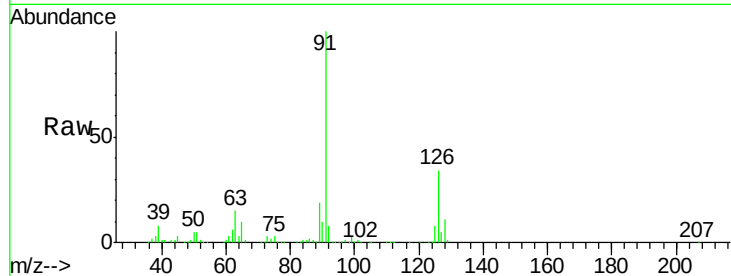
VX0706WBS03

Tot Ion: 91 Resp: 178744

Ion Ratio Lower Upper

91 100

126 36.0 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 18.692 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003213.D

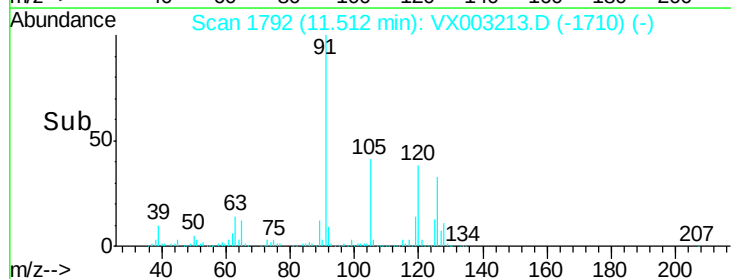
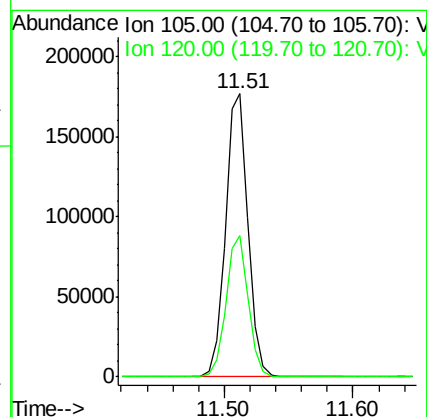
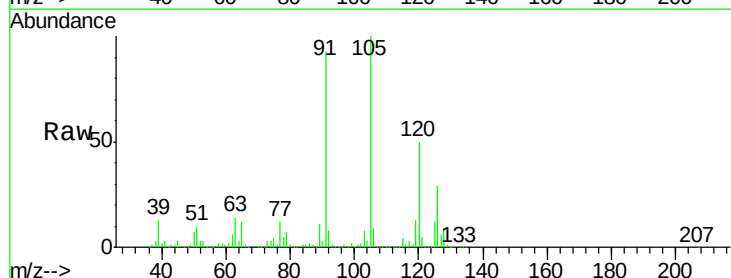
Acq: 06 Jul 2018 13:51

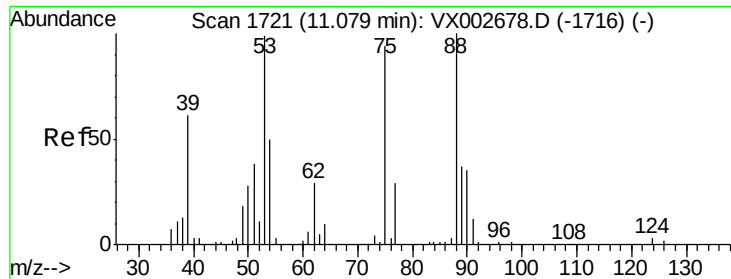
Tgt Ion: 105 Resp: 216170

Ion Ratio Lower Upper

105 100

120 49.3 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.544 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBS03

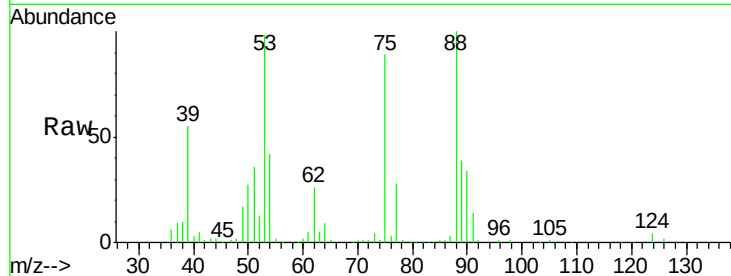
Tot Ion: 75 Resp: 21052

Ion Ratio Lower Upper

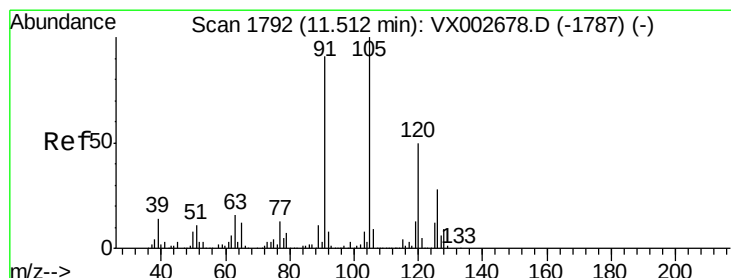
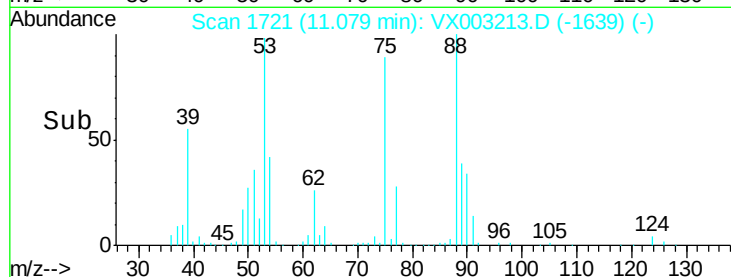
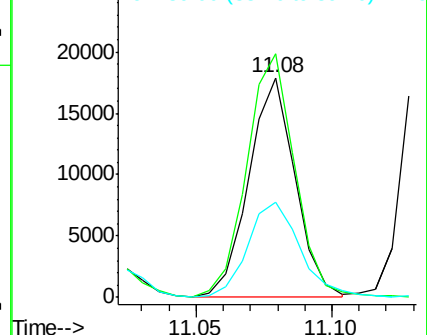
75 100

53 110.9 48.3 144.9

89 43.4 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: 18.740 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003213.D

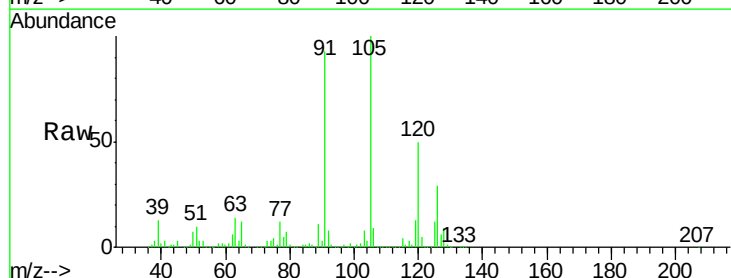
Acq: 06 Jul 2018 13:51

Tgt Ion: 91 Resp: 204279

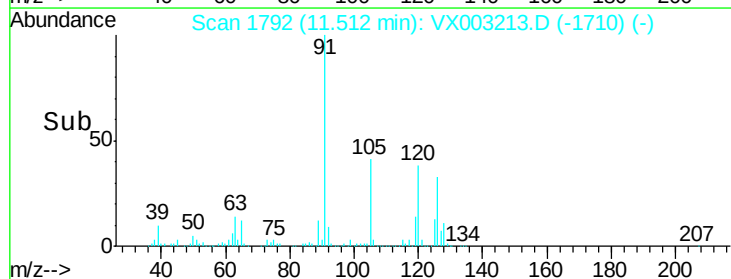
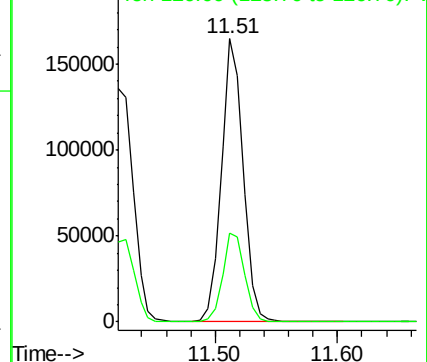
Ion Ratio Lower Upper

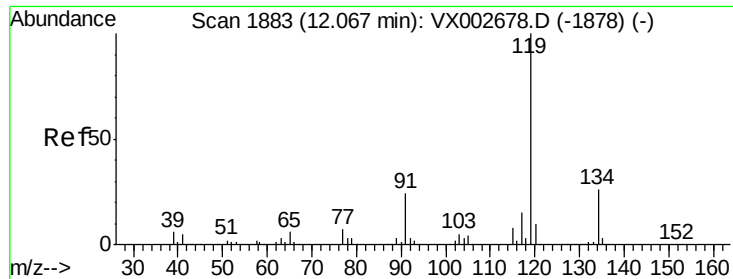
91 100

126 31.7 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V

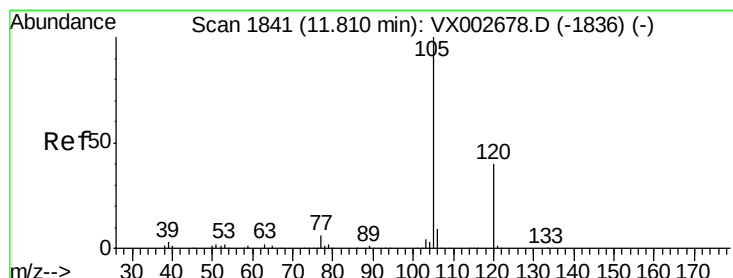
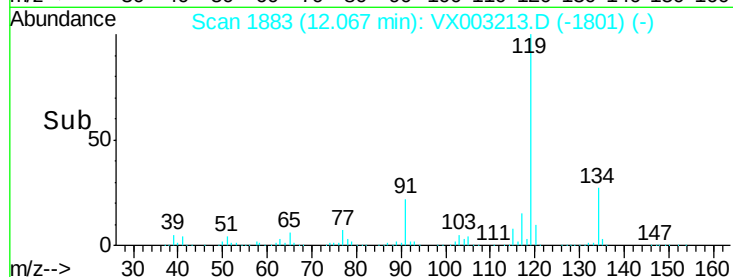
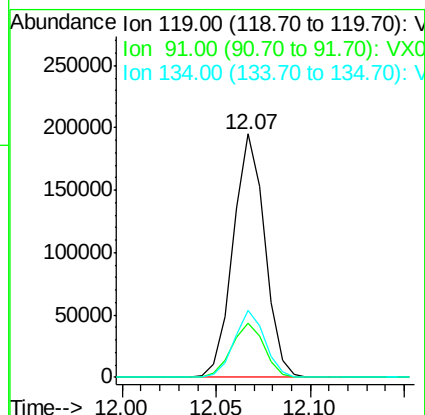
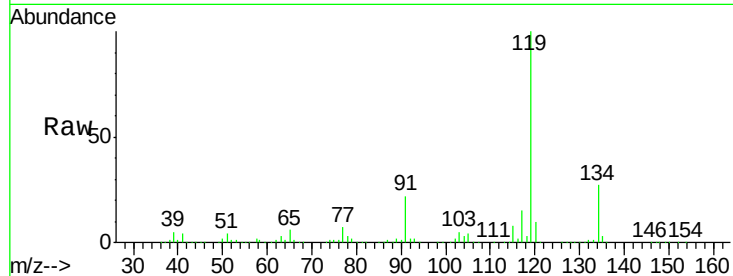




#79
tert-butylbenzene
Concen: 17.853 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

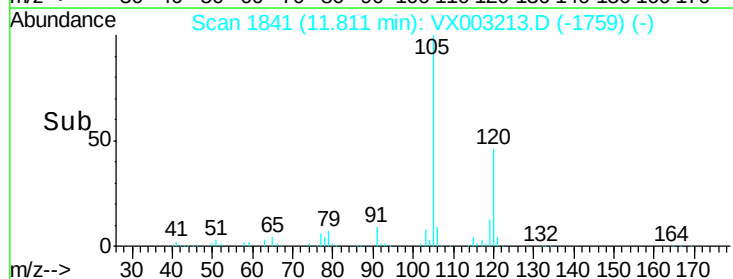
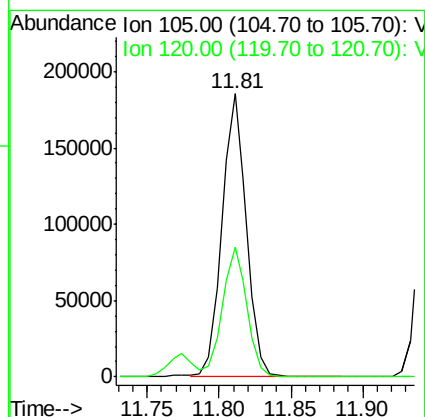
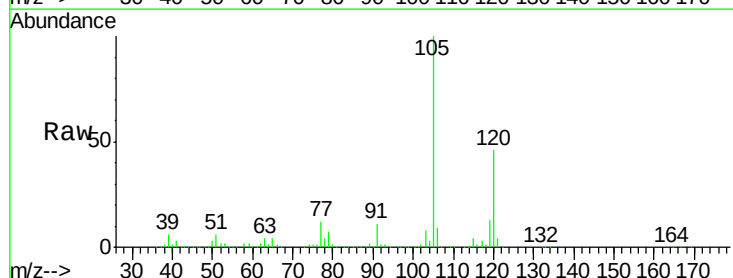
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

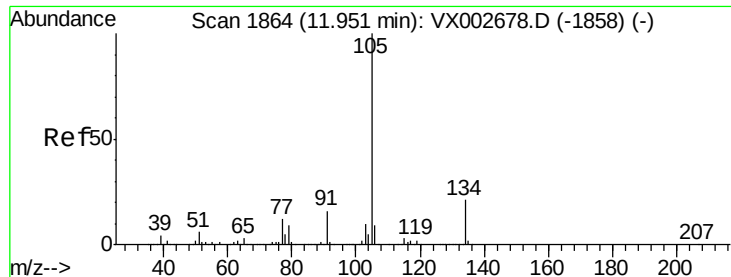
Tot Ion:119 Resp: 227717
Ion Ratio Lower Upper
119 100
91 22.8 0.0 48.0
134 26.8 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 18.547 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion:105 Resp: 219035
Ion Ratio Lower Upper
105 100
120 46.5 0.0 89.2

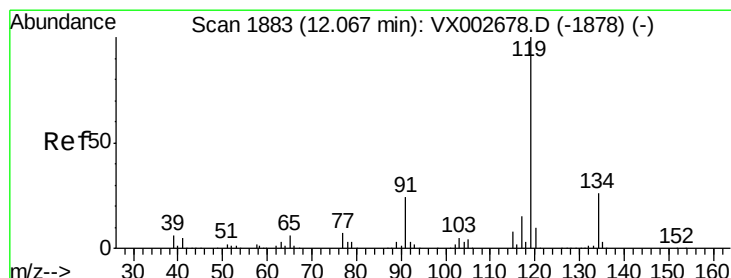
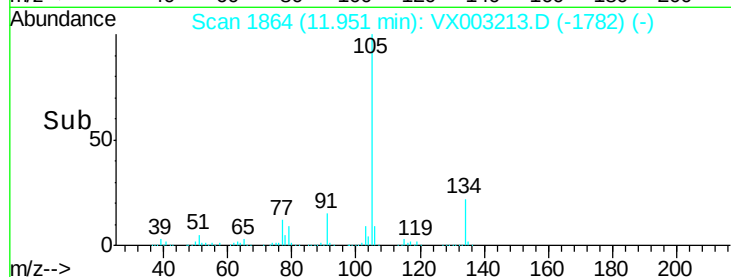
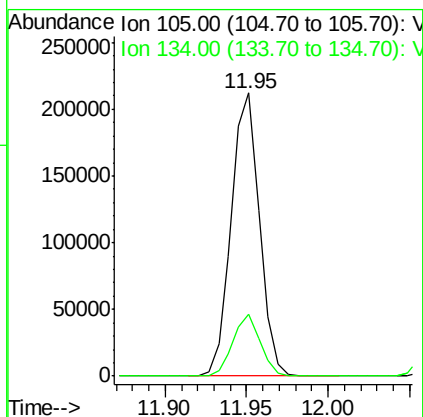
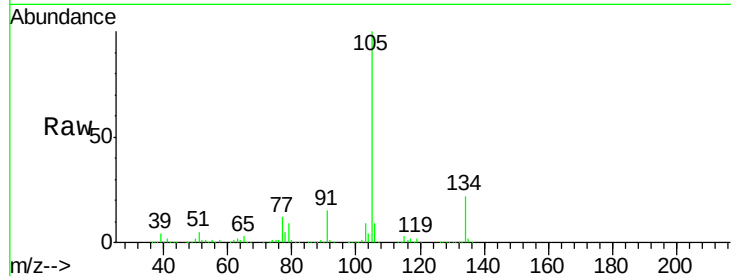




#81
 sec-Butylbenzene
 Concen: 18.030 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

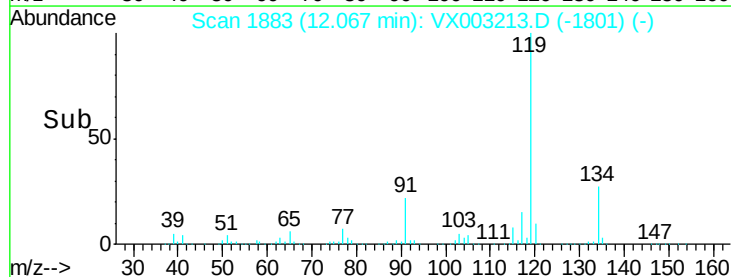
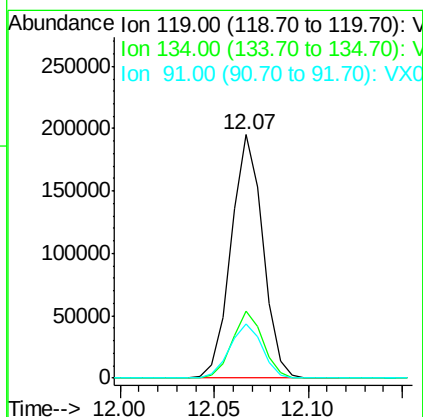
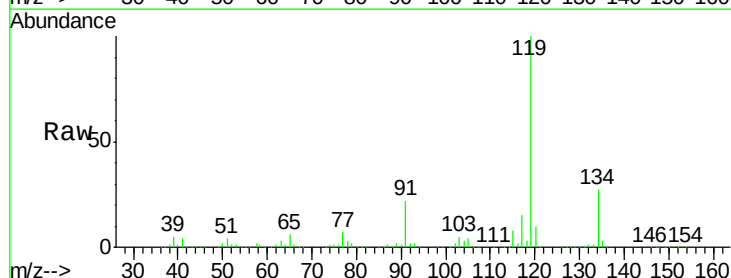
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

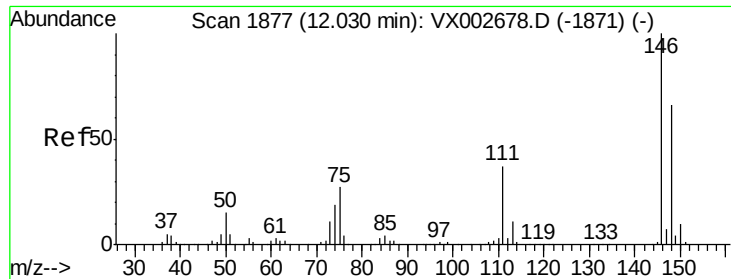
Tot Ion:105 Resp: 255070
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 17.853 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion:119 Resp: 227717
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 52.6
 91 22.8 0.0 48.0

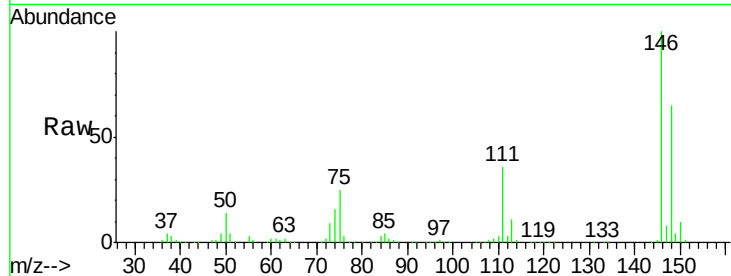




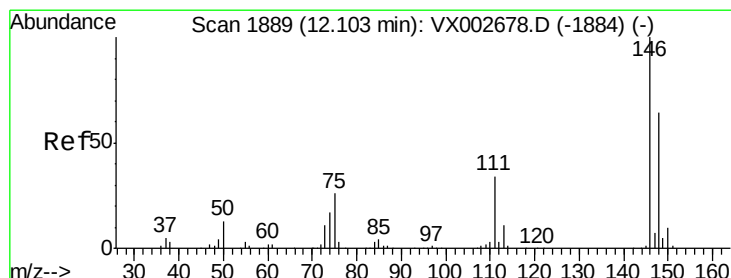
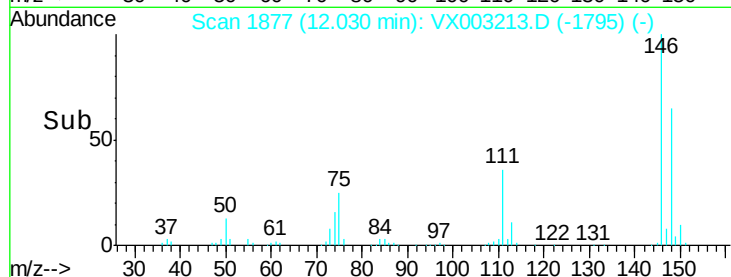
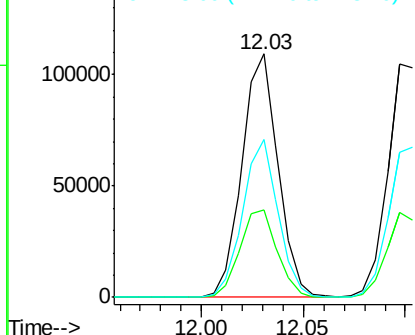
#83
 1,3-Dichlorobenzene
 Concen: 19.268 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0706WBS03

Tot Ion:146 Resp: 134303
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 63.6 31.9 95.7

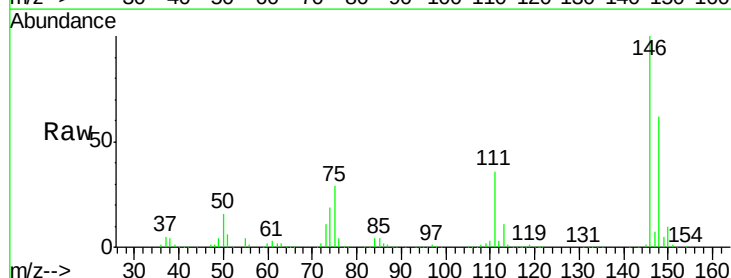


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

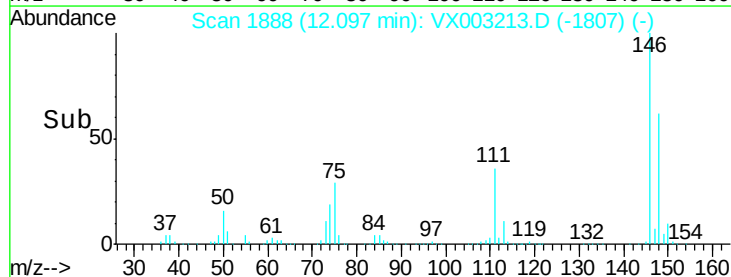
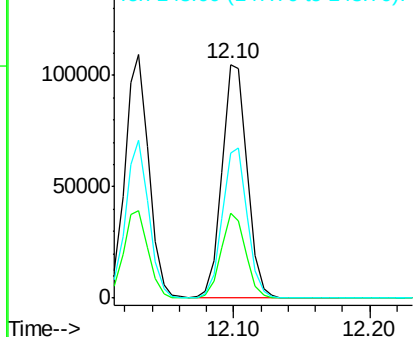


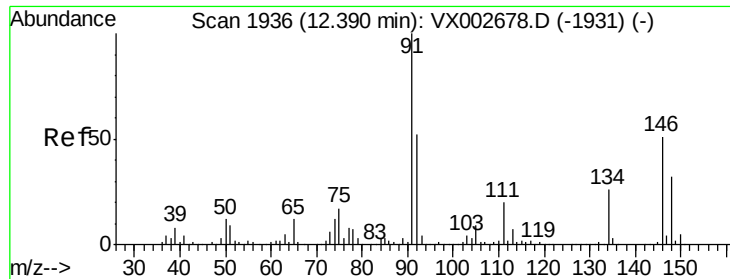
#84
 1,4-Dichlorobenzene
 Concen: 19.121 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion:146 Resp: 134617
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.5 55.5
 148 63.8 32.0 96.0



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

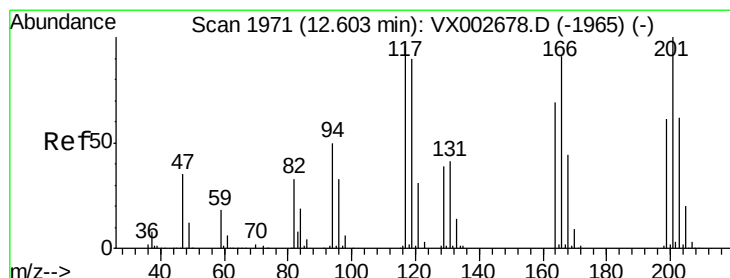
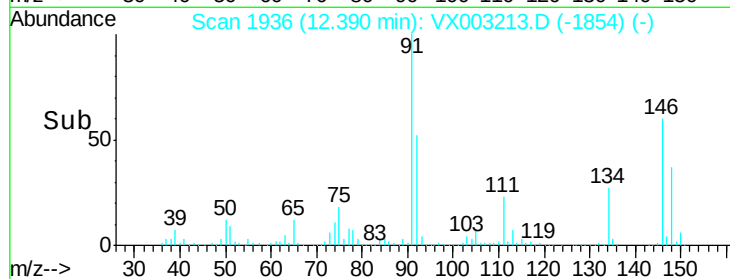
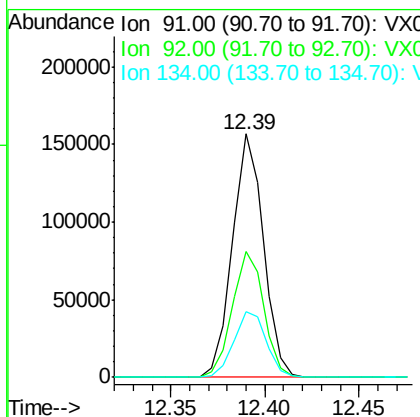
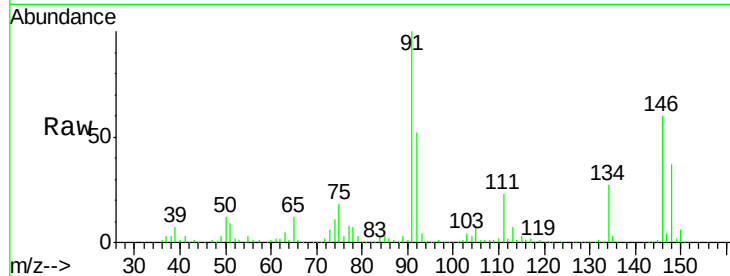




#85
n-Butylbenzene
Concen: 15.897 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

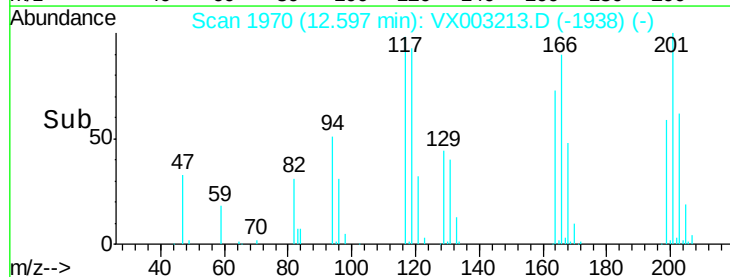
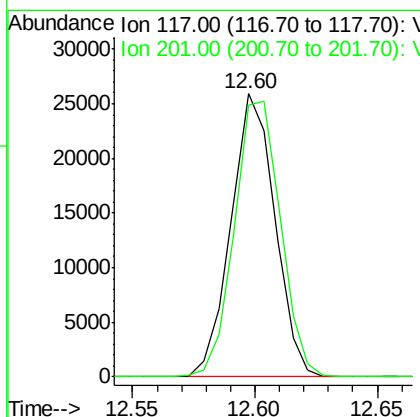
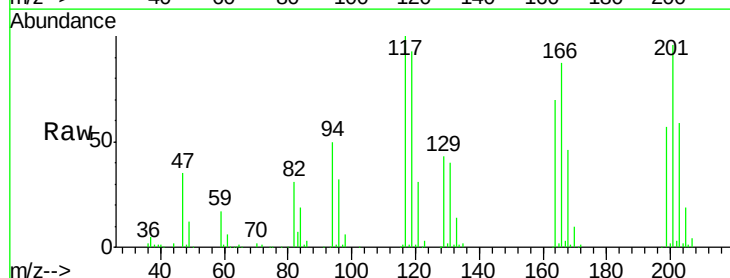
Instrument :
MSVOA_X
ClientSampleId :
VX0706WBS03

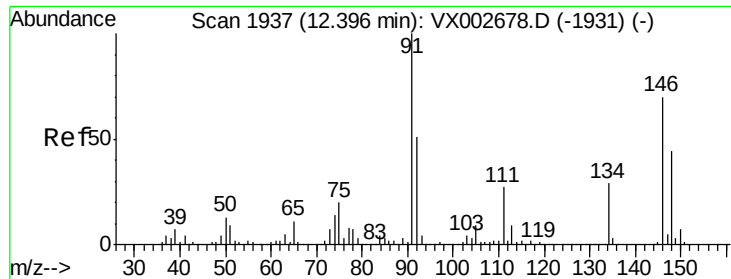
Tot Ion: 91 Resp: 179742
Ion Ratio Lower Upper
91 100
92 52.4 0.0 105.2
134 28.1 0.0 53.2



#86
Hexachloroethane
Concen: 16.755 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003213.D
Acq: 06 Jul 2018 13:51

Tgt Ion: 117 Resp: 32393
Ion Ratio Lower Upper
117 100
201 102.4 47.6 142.8

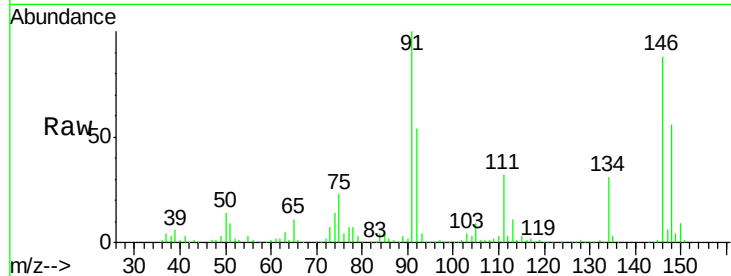




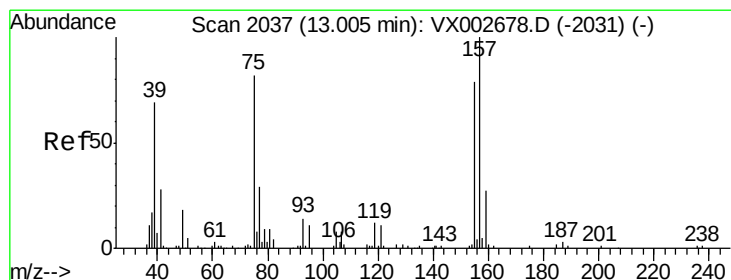
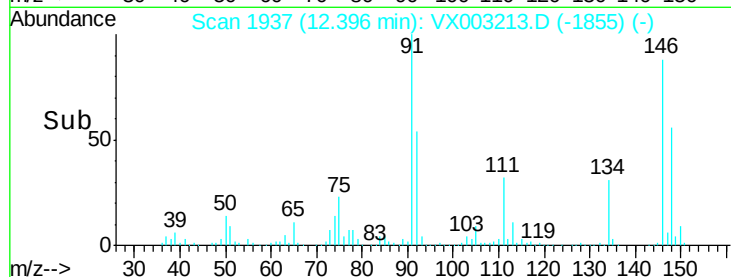
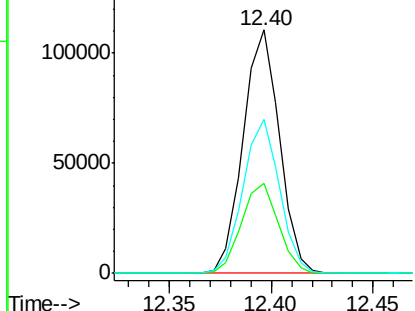
#87
 1,2-Dichlorobenzene
 Concen: 19.535 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

Tot Ion:146 Resp: 137512
 Ion Ratio Lower Upper
 146 100
 111 37.8 20.0 59.9
 148 63.7 32.8 98.3

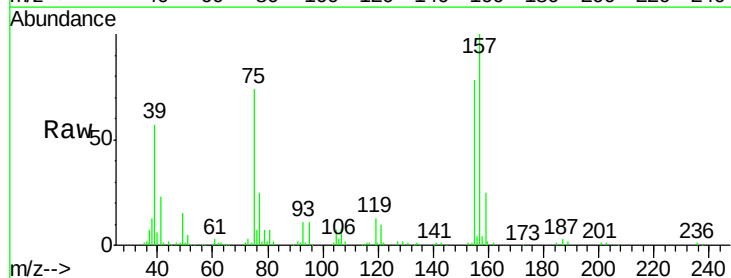


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

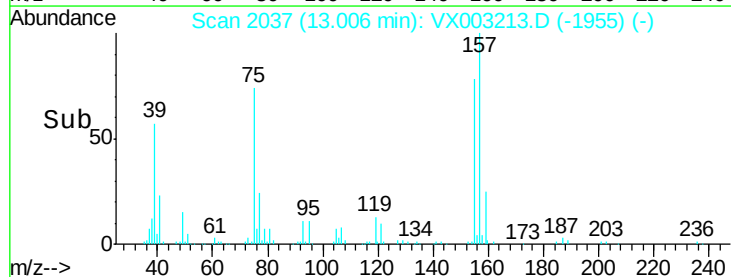
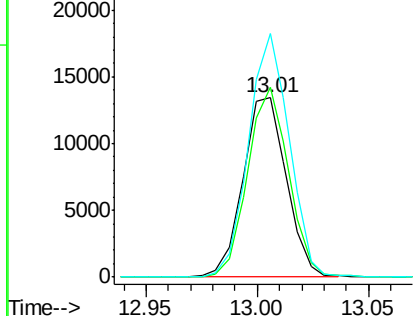


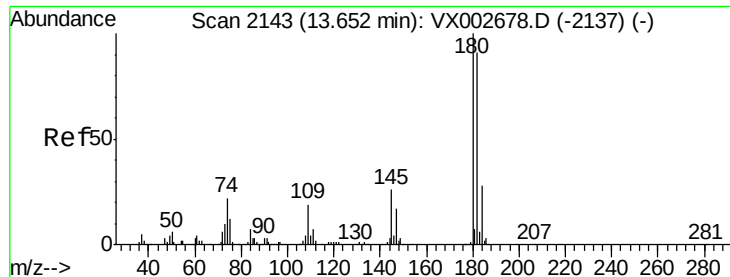
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.136 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion: 75 Resp: 18315
 Ion Ratio Lower Upper
 75 100
 155 99.6 73.1 109.7
 157 126.9 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

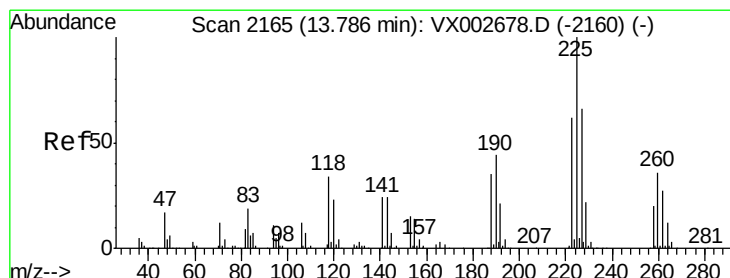
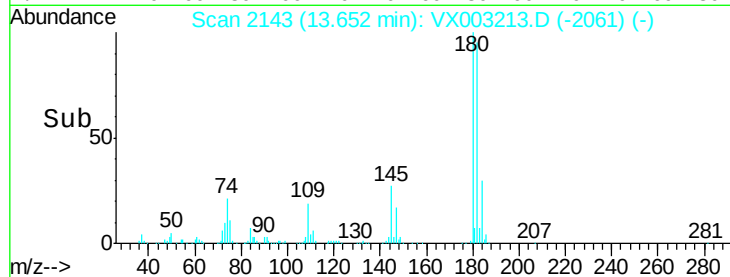
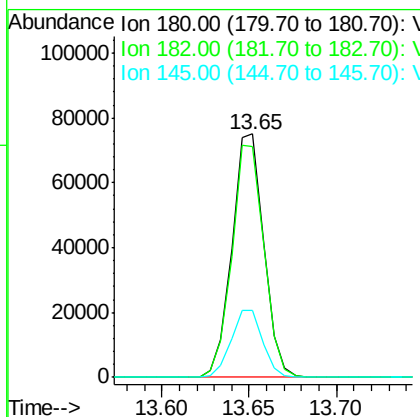
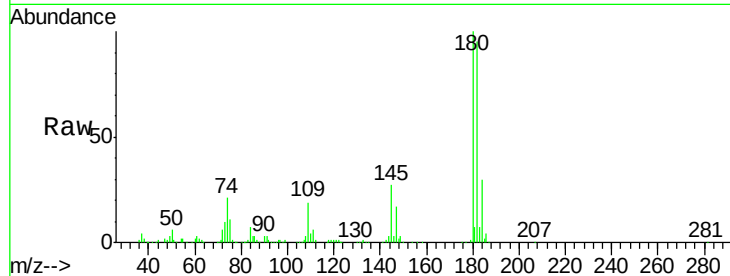




#89
 1,2,4-Trichlorobenzene
 Concen: 17.846 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

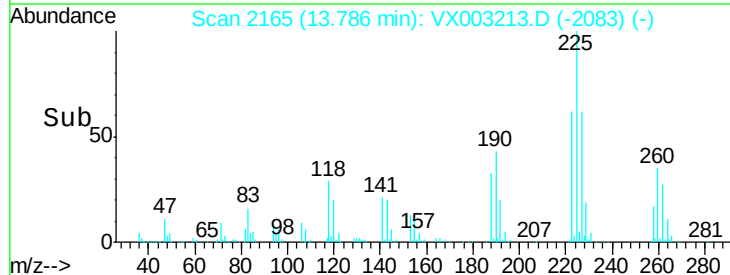
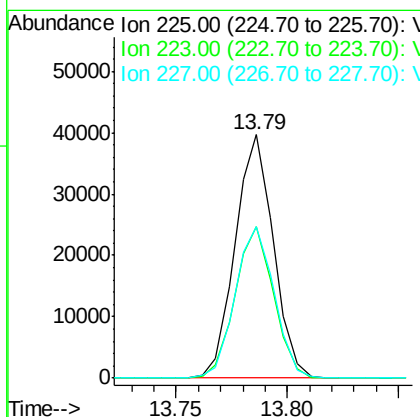
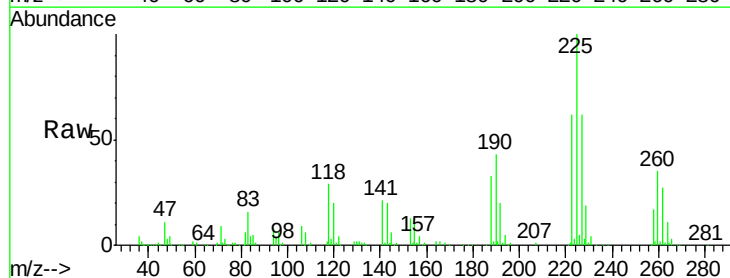
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBS03

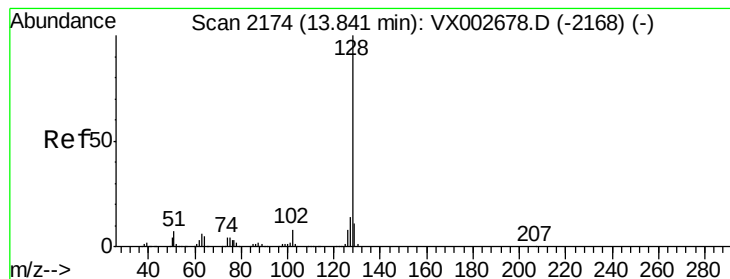
Tot Ion:180 Resp: 94823
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 145 27.7 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 17.153 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003213.D
 Acq: 06 Jul 2018 13:51

Tgt Ion:225 Resp: 47446
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 122.4
 227 63.1 0.0 128.0





#91

Naphthalene

Concen: 19.269 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0706WBS03

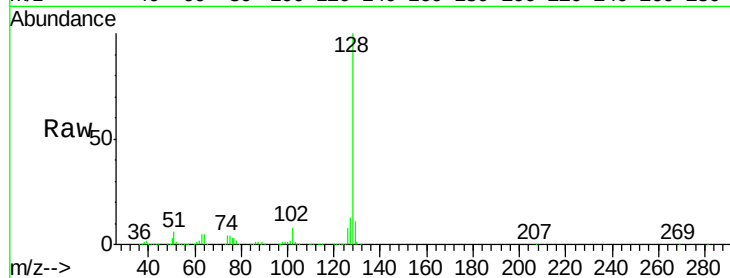
Tot Ion:128 Resp: 271379

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

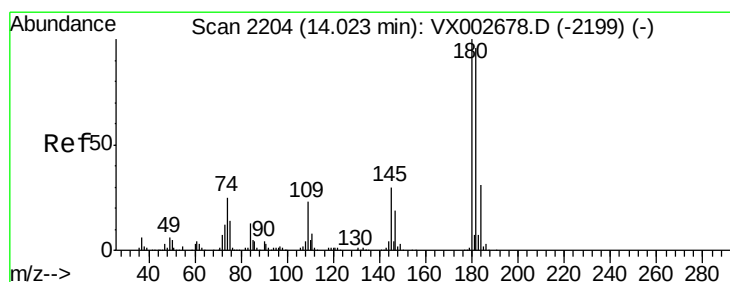
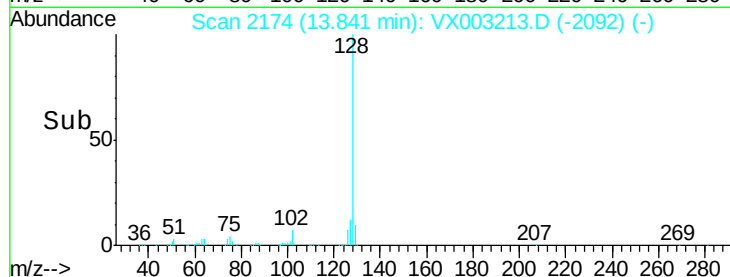
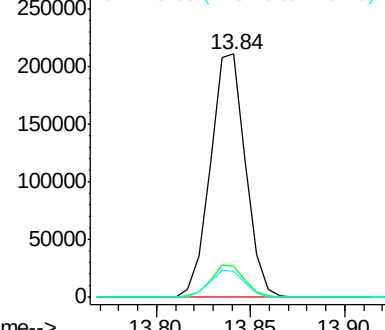
129 11.1 8.9 13.3



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: 18.624 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003213.D

Acq: 06 Jul 2018 13:51

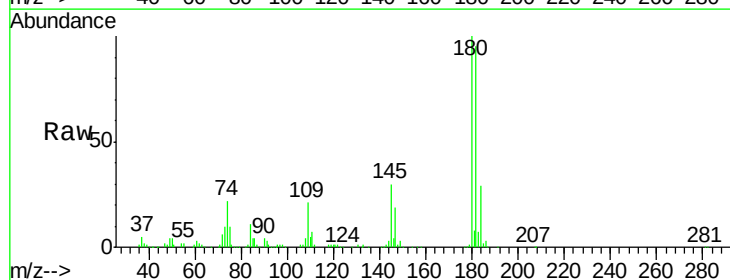
Tgt Ion:180 Resp: 98451

Ion Ratio Lower Upper

180 100

182 95.5 0.0 191.0

145 29.3 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

