

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000223.D
 Acq On : 08 Mar 2018 15:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 08 16:10:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	137954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	236561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148403	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	92968	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	
35) Dibromofluoromethane	5.51	113	73106	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
50) Toluene-d8	8.73	98	308166	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	11.15	95	124900	54.98	ug/l	0.00
Spiked Amount			Recovery	=	109.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	89312	59.413	ug/l	96
3) Chloromethane	1.32	50	77844	53.044	ug/l	99
4) Vinyl Chloride	1.41	62	102976	60.209	ug/l	99
5) Bromomethane	1.64	94	113959	64.270	ug/l	97
6) Chloroethane	1.72	64	67039	63.000	ug/l	99
7) Trichlorofluoromethane	1.93	101	181391	63.930	ug/l	98
8) Diethyl Ether	2.20	74	63120	60.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104288	65.810	ug/l	98
10) Methyl Iodide	2.51	142	80137	48.291	ug/l	98
11) Tert butyl alcohol	3.08	59	205666	292.686	ug/l	99
12) 1,1-Dichloroethene	2.38	96	91001	62.544	ug/l	94
13) Acrolein	2.30	56	93873	254.103	ug/l	98
14) Allyl chloride	2.73	41	165676	61.642	ug/l	98
15) Acrylonitrile	3.15	53	382131	312.487	ug/l	100
16) Acetone	2.45	43	589875	429.513	ug/l	98
17) Carbon Disulfide	2.57	76	251930	63.193	ug/l	98
18) Methyl Acetate	2.78	43	178175	60.921	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	327777	63.259	ug/l	97
20) Methylene Chloride	2.86	84	97481	59.517	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	100595	62.862	ug/l	97
22) Diisopropyl ether	3.88	45	323363	70.058	ug/l	98
23) Vinyl Acetate	3.83	43	1590410	357.530	ug/l	100
24) 1,1-Dichloroethane	3.71	63	175426	61.999	ug/l	98
25) 2-Butanone	4.72	43	597626	352.613	ug/l	97
26) 2,2-Dichloropropane	4.59	77	131525	63.595	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	92151	60.733	ug/l	98
28) Bromochloromethane	5.03	49	67165	55.852	ug/l	99
29) Tetrahydrofuran	5.18	42	338285	317.786	ug/l	99
30) Chloroform	5.23	83	172152	62.929	ug/l	99
31) Cyclohexane	5.59	56	141951	67.840	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	155955	65.750	ug/l	98
36) 1,1-Dichloropropene	5.81	75	132547	66.581	ug/l	100
37) Ethyl Acetate	4.87	43	181292	63.015	ug/l	99
38) Carbon Tetrachloride	5.79	117	137608	68.303	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	167880	68.728	ug/l	97
40) Benzene	6.15	78	380535	66.278	ug/l	100
41) Methacrylonitrile	5.07	41	92570	63.125	ug/l	99
42) 1,2-Dichloroethane	6.21	62	147588	65.536	ug/l	99
43) Isopropyl Acetate	6.48	43	275315	66.187	ug/l	100
44) Trichloroethene	7.22	130	107584	65.466	ug/l	99
45) 1,2-Dichloropropane	7.53	63	96046	66.046	ug/l	91
46) Dibromomethane	7.67	93	73735	64.090	ug/l	96
47) Bromodichloromethane	7.91	83	140958	69.653	ug/l	94
48) Methyl methacrylate	7.79	41	135796	66.279	ug/l	97
49) 1,4-Dioxane	7.77	88	60998	1311.493	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	1092325	347.922	ug/l	100
52) Toluene	8.79	92	275302	69.960	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	166909	69.988	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	169896	73.638	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	109951	68.986	ug/l	98
56) Ethyl methacrylate	9.19	69	176389	73.950	ug/l	99
57) 1,3-Dichloropropane	9.38	76	179782	67.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	341898	283.912	ug/l	99
59) 2-Hexanone	9.51	43	996603	372.280	ug/l	99
60) Dibromochloromethane	9.59	129	124693	74.200	ug/l	99
61) 1,2-Dibromoethane	9.68	107	123571	69.818	ug/l	98
64) Tetrachloroethene	9.34	164	105569	63.782	ug/l	98
65) Chlorobenzene	10.15	112	320262	67.039	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	111183	68.072	ug/l	99
67) Ethyl Benzene	10.26	91	558308	66.960	ug/l	100
68) m/p-Xylenes	10.37	106	450091	140.260	ug/l	99
69) o-Xylene	10.71	106	215748	69.952	ug/l	100
70) Styrene	10.72	104	366908	71.712	ug/l	99
71) Bromoform	10.87	173	100193	59.440	ug/l #	99
73) Isopropylbenzene	11.02	105	592342	63.751	ug/l	100
74) N-amyl acetate	6.48	43	275315	57.916	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209692	64.376	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	249599	83.904	ug/l	82
77) Bromobenzene	11.26	156	147189	61.274	ug/l	97
78) n-propylbenzene	11.37	91	708889	64.828	ug/l	99
79) 2-Chlorotoluene	11.43	91	394861	64.010	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	520620	67.114	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	64831	66.735	ug/l	99
82) 4-Chlorotoluene	11.52	91	500262	66.701	ug/l	100
83) tert-Butylbenzene	11.78	119	502587	66.582	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	535503	67.128	ug/l	99
85) sec-Butylbenzene	11.96	105	642911	67.335	ug/l	99
86) p-Isopropyltoluene	12.07	119	587670	69.799	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	299293	65.531	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	312331	65.253	ug/l	99
89) n-Butylbenzene	12.40	91	565118	69.691	ug/l	100
90) Hexachloroethane	12.60	117	89352	65.868	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	297824	65.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59043	64.545	ug/l	97

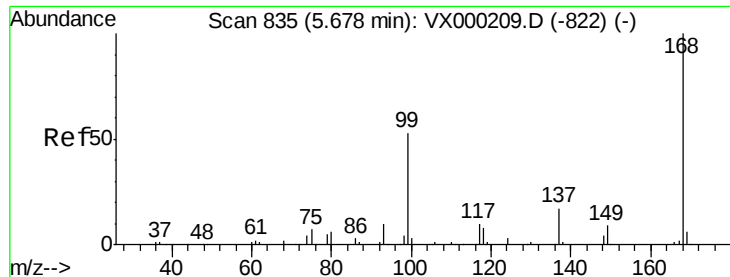
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214007	65.061	ug/l	99
94) Hexachlorobutadiene	13.79	225	88083	64.338	ug/l	99
95) Naphthalene	13.84	128	760123	66.220	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	208555	64.089	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

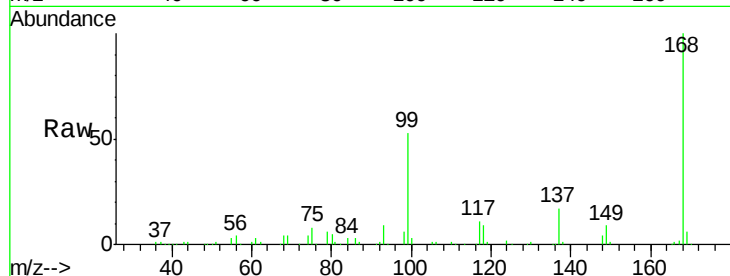
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Tot Ion:168 Resp: 137954

Ion Ratio Lower Upper

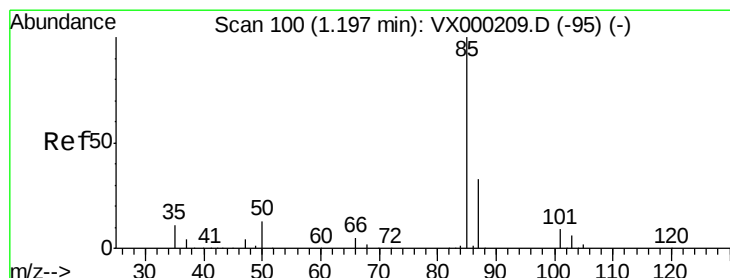
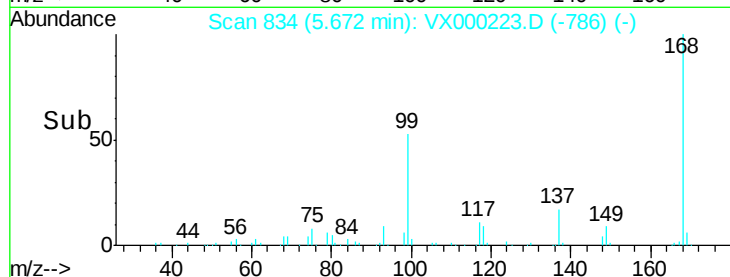
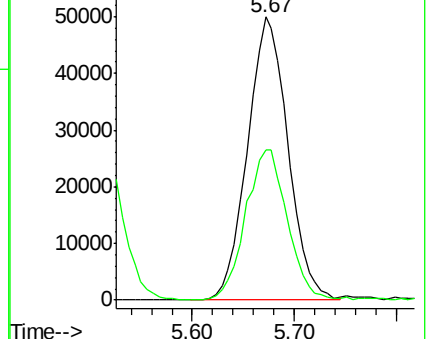
168 100

99 53.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.413 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000223.D

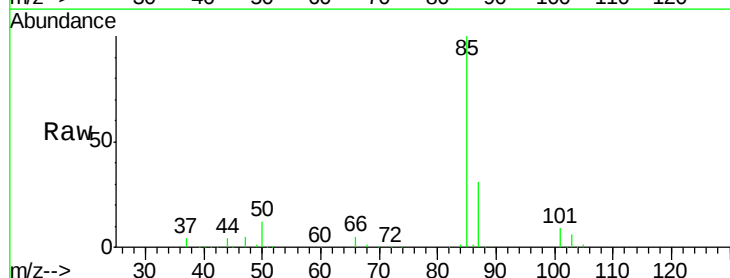
Acq: 08 Mar 2018 15:13

Tgt Ion: 85 Resp: 89312

Ion Ratio Lower Upper

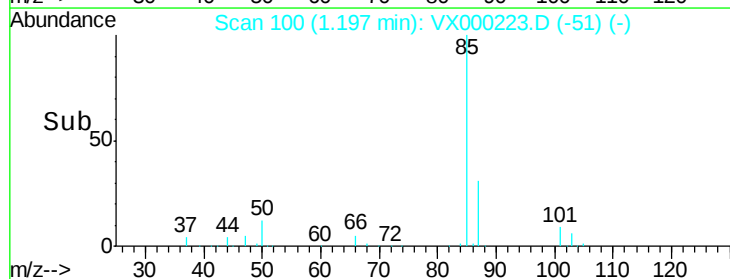
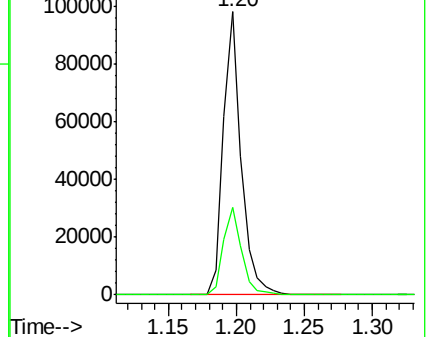
85 100

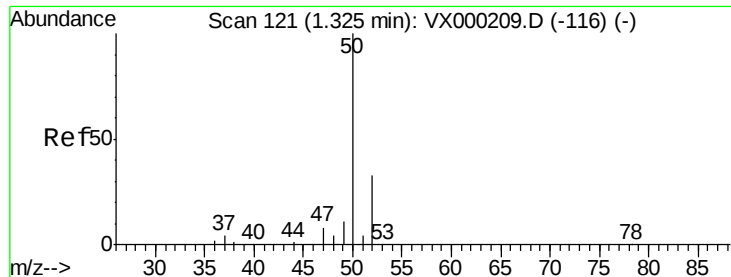
87 31.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

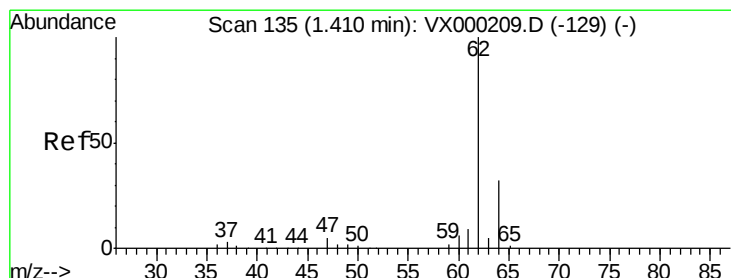
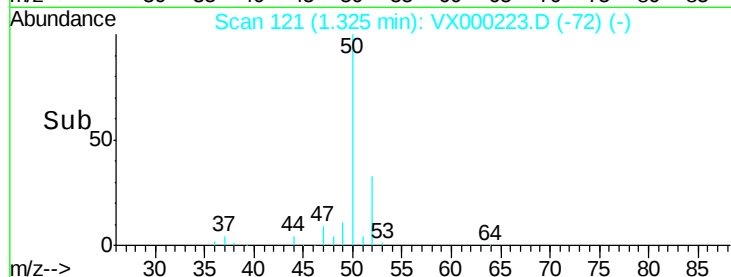
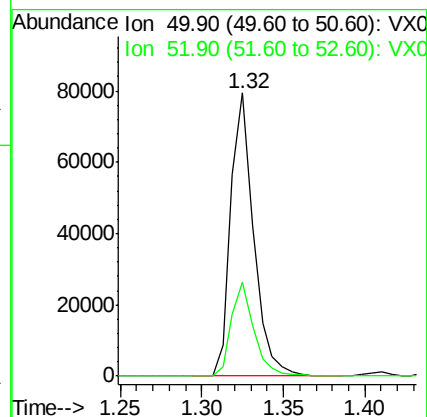
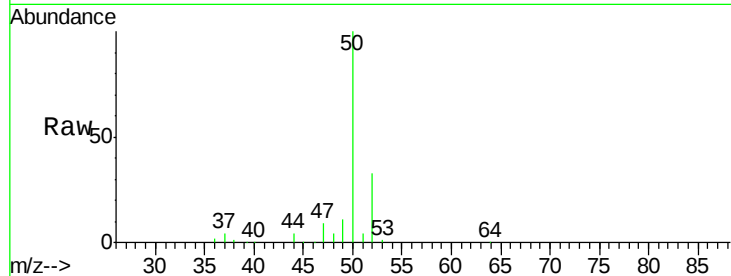




#3
Chloromethane
Concen: 53.044 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

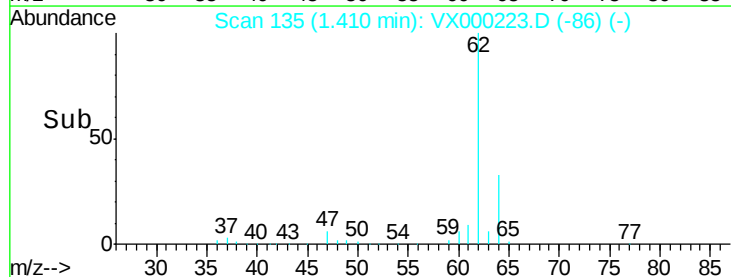
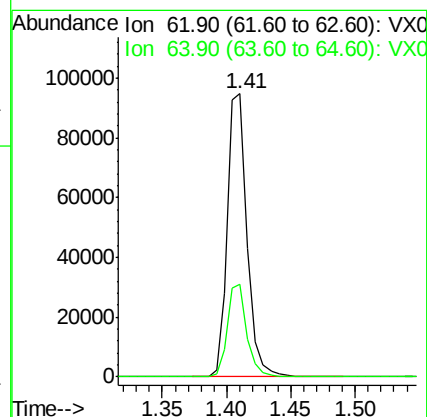
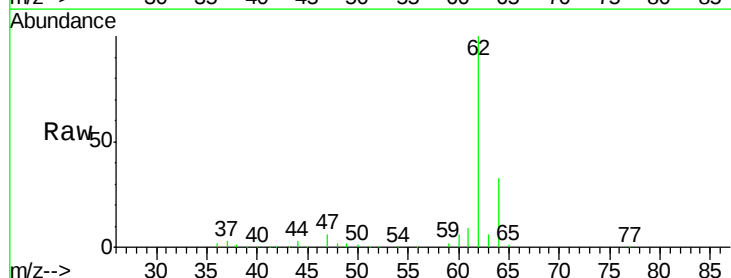
Instrument :
MSVOA_X
ClientSampleId :
BFB

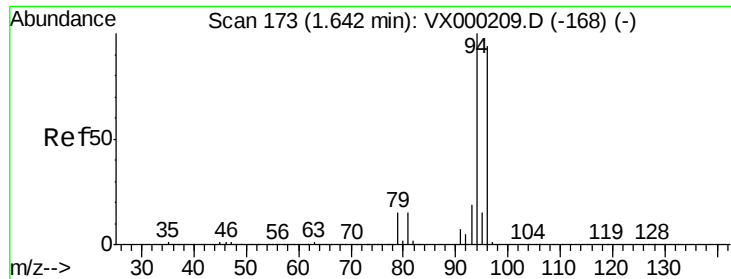
Tot Ion: 50 Resp: 77844
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 60.209 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 62 Resp: 102976
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5





#5

Bromomethane

Concen: 64.270 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

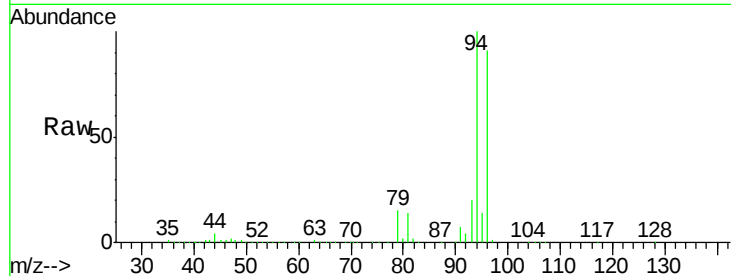
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Tot Ion: 94 Resp: 113959

Ion Ratio Lower Upper

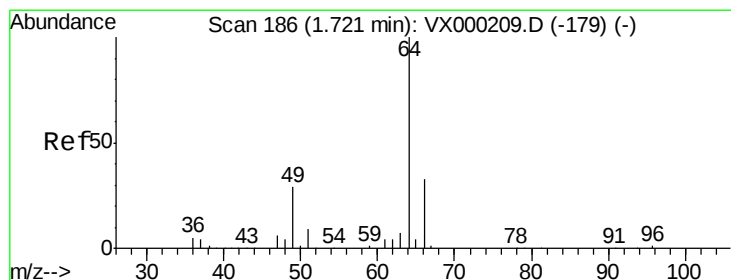
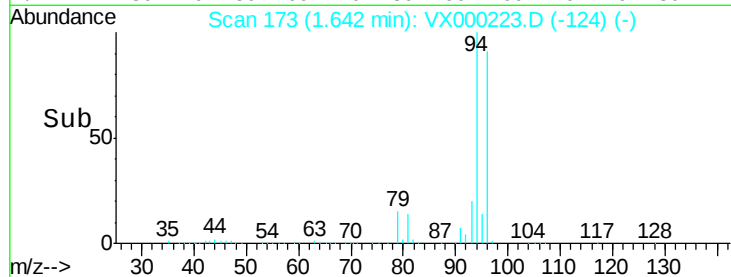
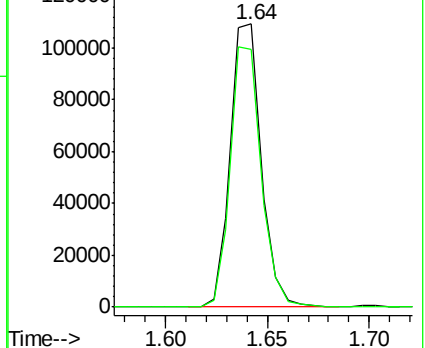
94 100

96 91.2 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 63.000 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000223.D

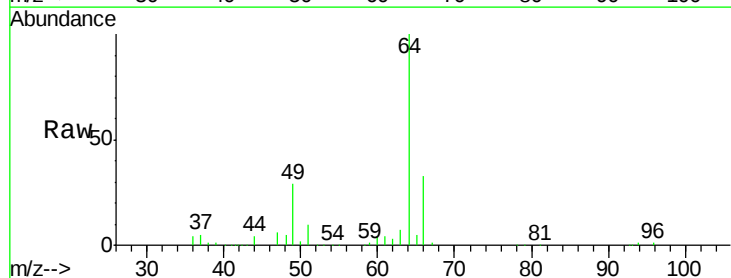
Acq: 08 Mar 2018 15:13

Tgt Ion: 64 Resp: 67039

Ion Ratio Lower Upper

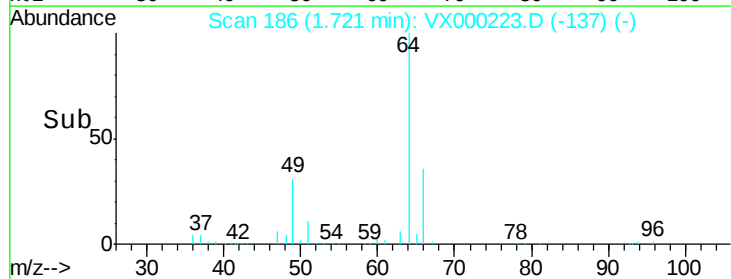
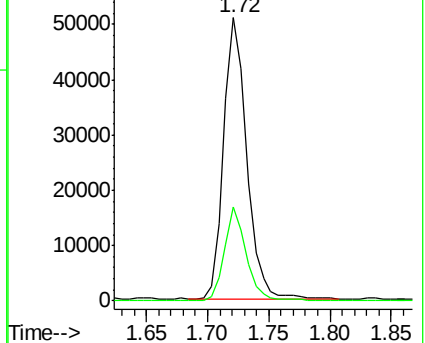
64 100

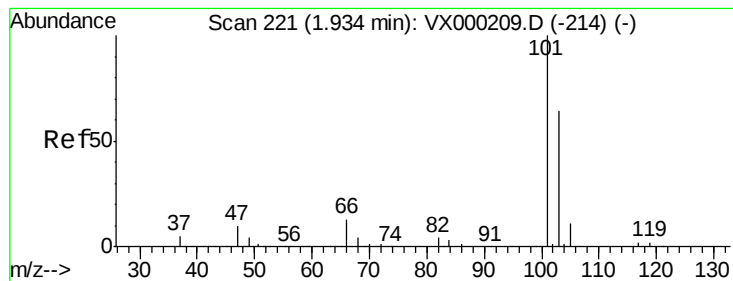
66 33.5 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



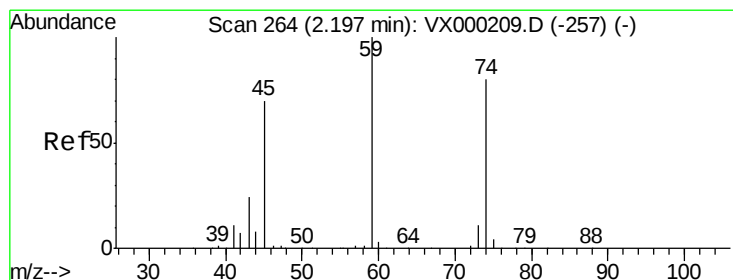
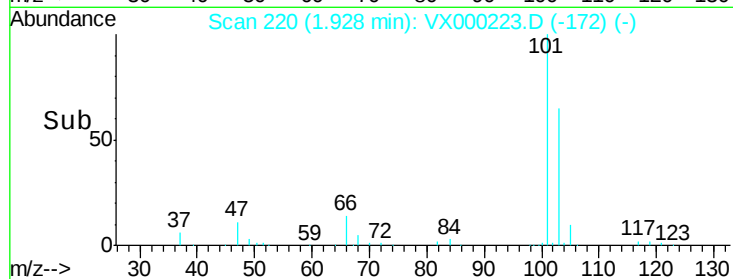
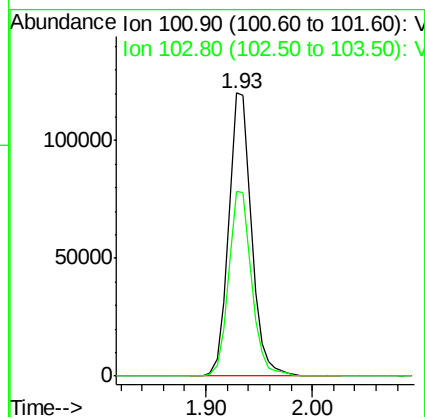
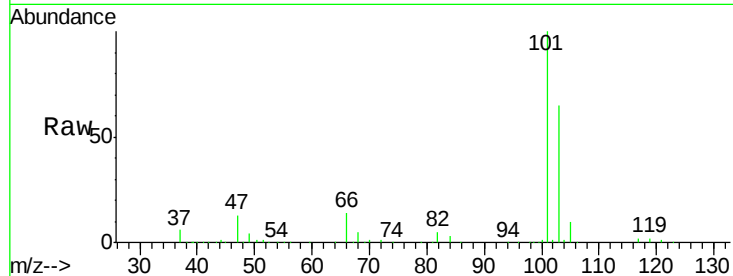


#7

Trichlorofluoromethane
Concen: 63.930 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
BFB

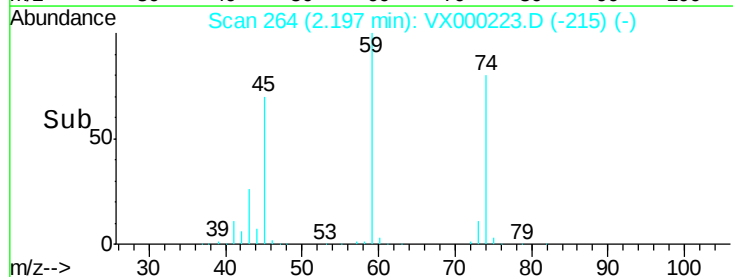
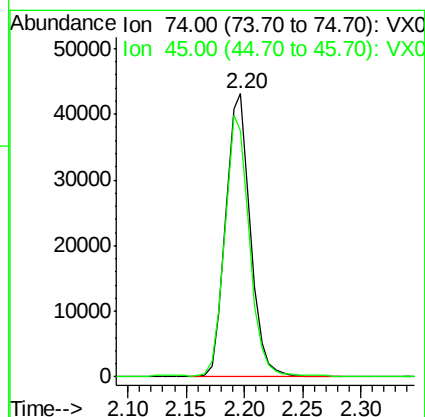
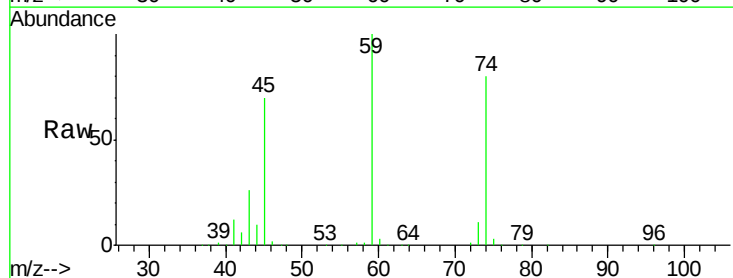
Tot Ion:101 Resp: 181391
Ion Ratio Lower Upper
101 100
103 65.3 51.2 76.8

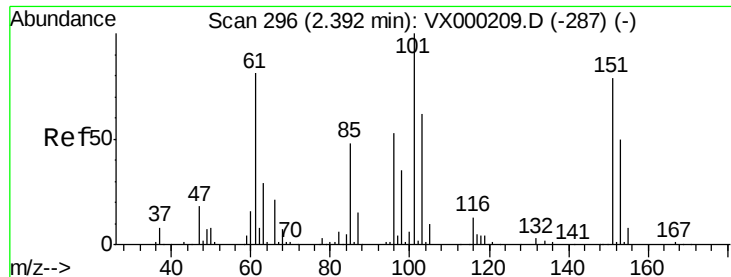


#8

Diethyl Ether
Concen: 60.610 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 74 Resp: 63120
Ion Ratio Lower Upper
74 100
45 91.9 47.2 141.6

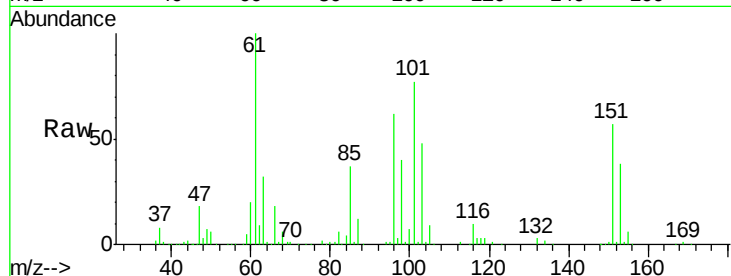




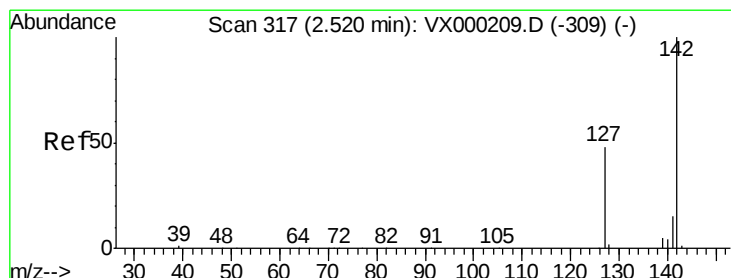
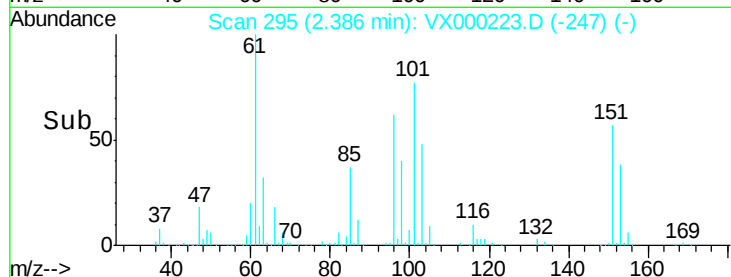
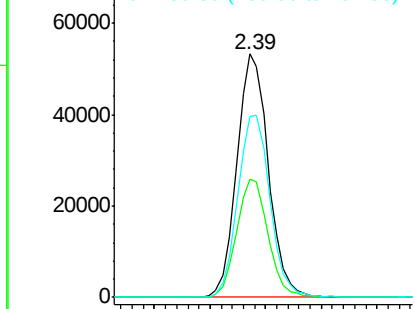
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 65.810 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 104288
 Ion Ratio Lower Upper
 101 100
 85 48.7 38.3 57.5
 151 76.9 62.8 94.2

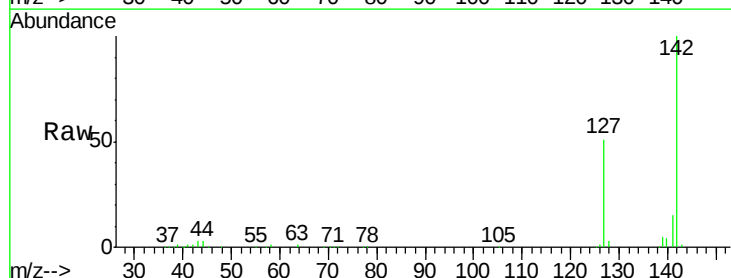


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

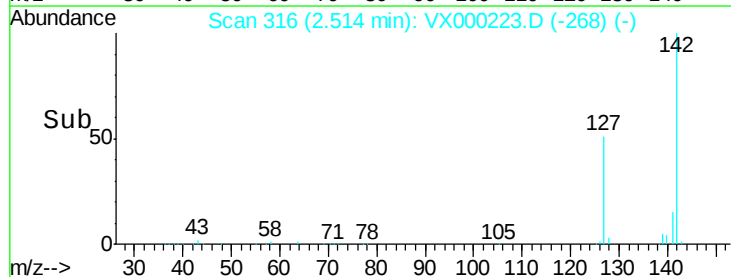
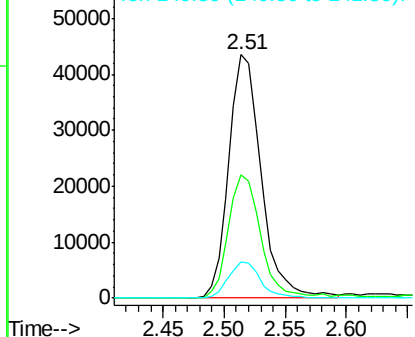


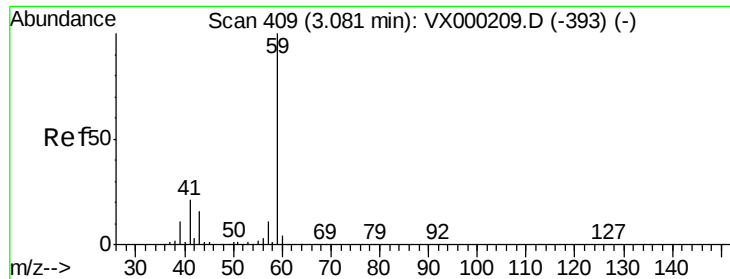
#10
 Methyl Iodide
 Concen: 48.291 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:142 Resp: 80137
 Ion Ratio Lower Upper
 142 100
 127 50.1 39.0 58.6
 141 14.9 11.6 17.4



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

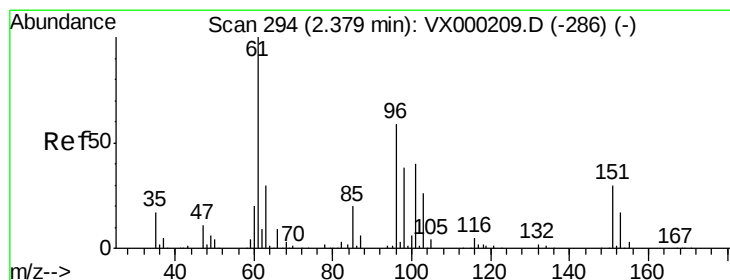
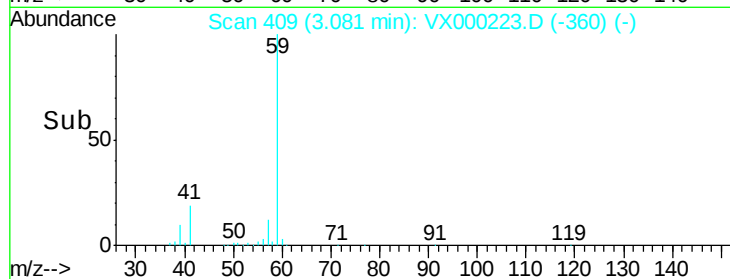
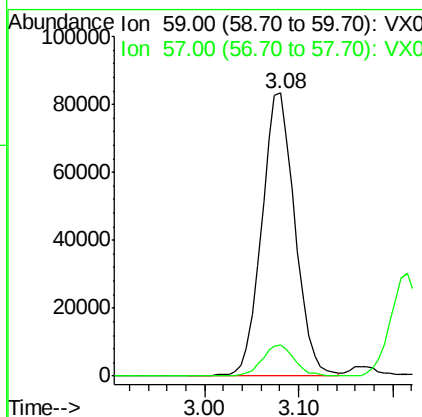
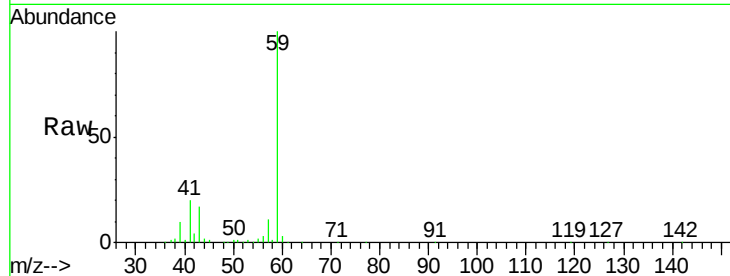




#11
Tert butyl alcohol
Concen: 292.686 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

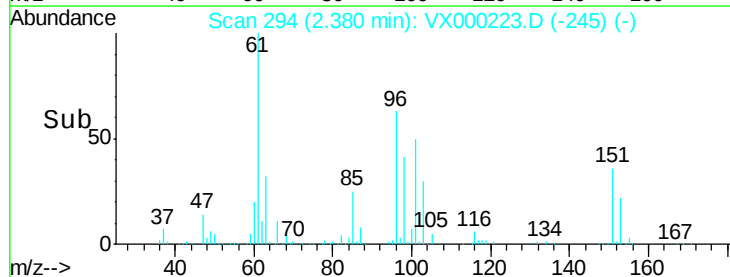
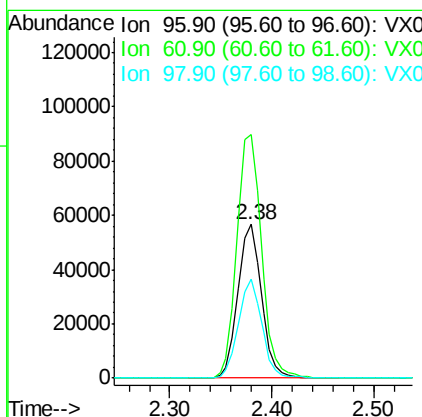
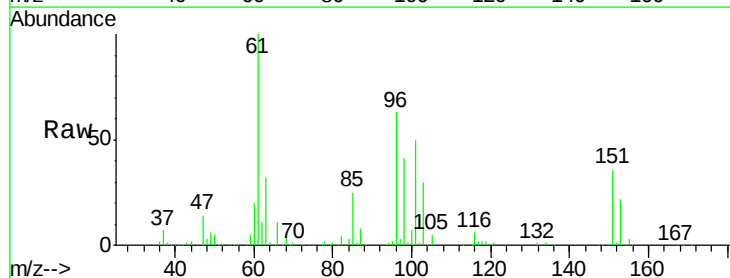
Instrument :
MSVOA_X
ClientSampleId :
BFB

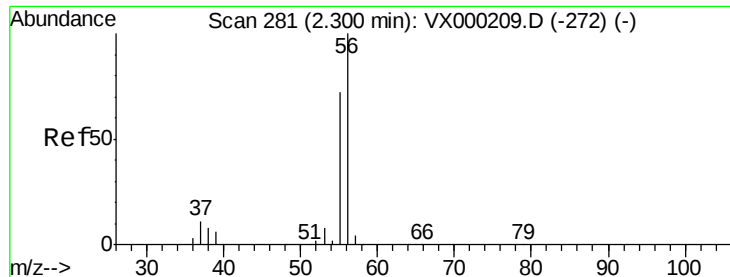
Tot Ion: 59 Resp: 205666
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 62.544 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 96 Resp: 91001
Ion Ratio Lower Upper
96 100
61 158.2 135.8 203.6
98 64.4 51.1 76.7





#13

Acrolein

Concen: 254.103 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

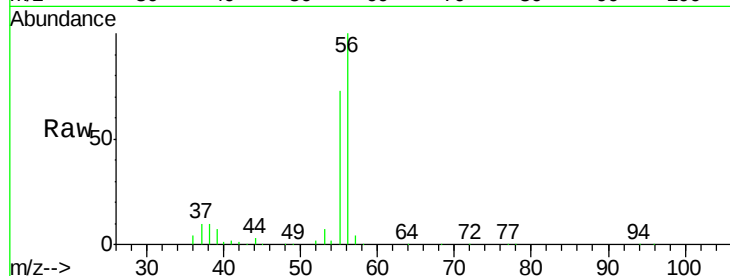
BFB

Tot Ion: 56 Resp: 93873

Ion Ratio Lower Upper

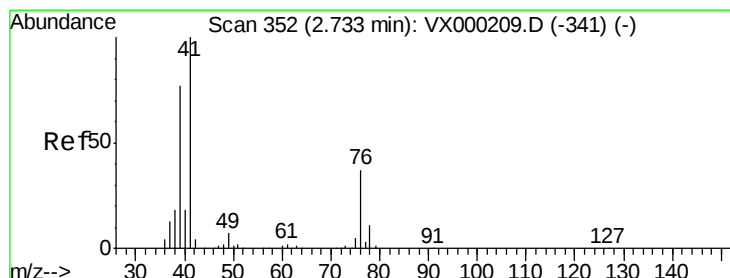
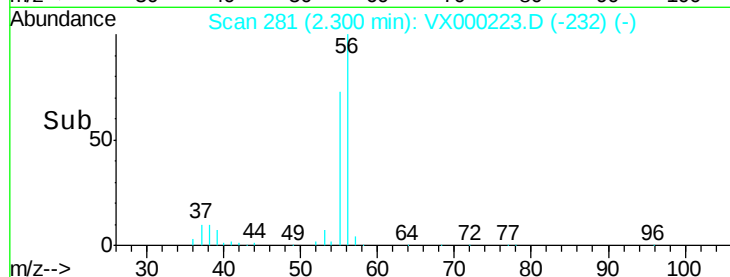
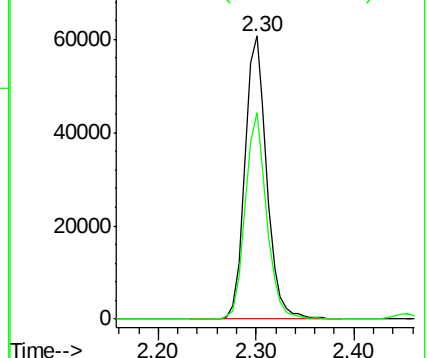
56 100

55 72.2 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 61.642 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

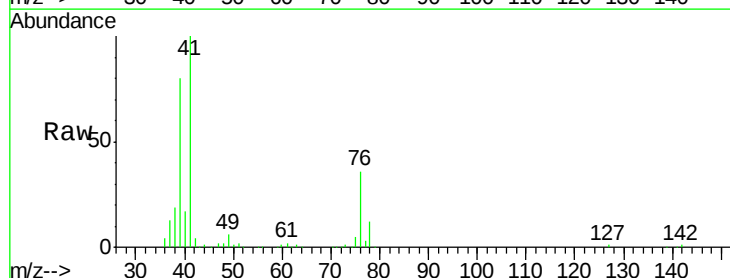
Tgt Ion: 41 Resp: 165676

Ion Ratio Lower Upper

41 100

39 73.0 57.0 85.6

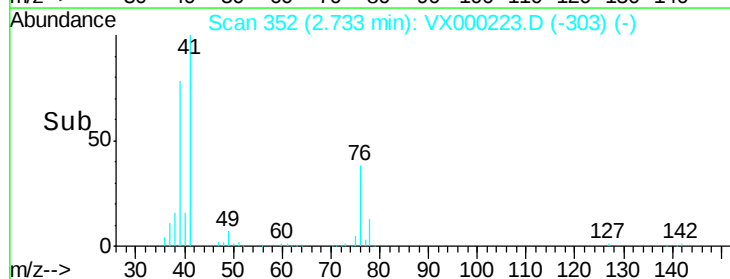
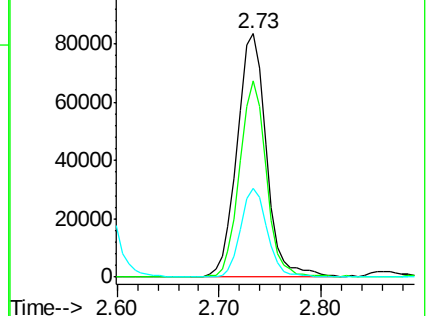
76 33.1 26.8 40.2

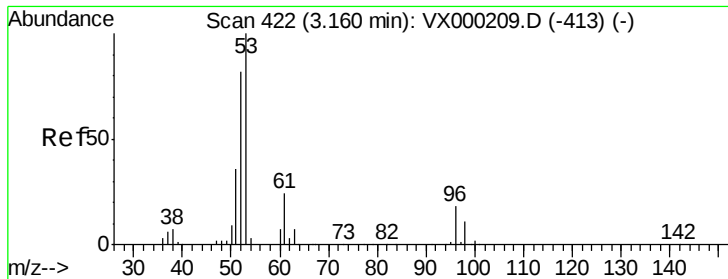


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

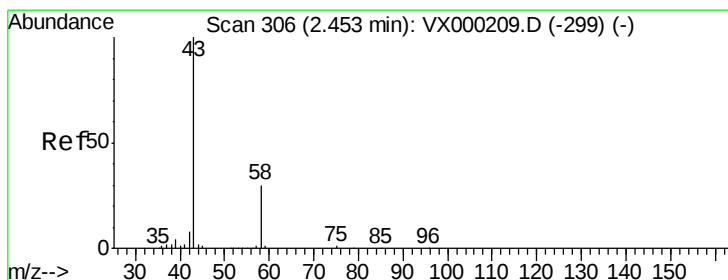
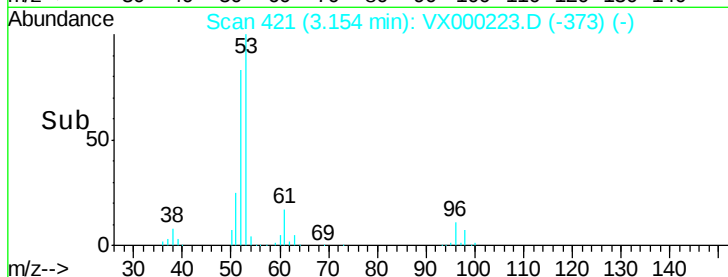
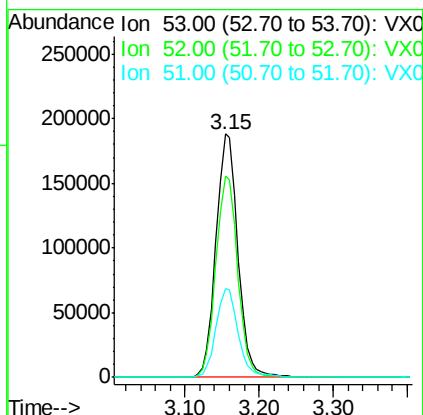
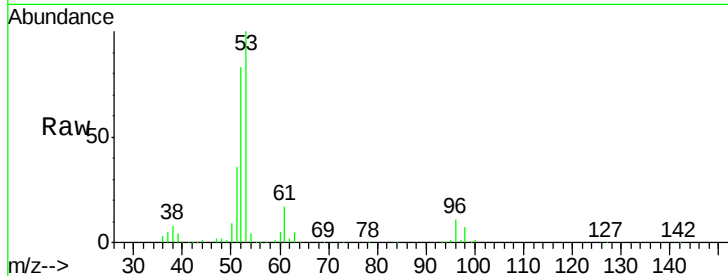




#15
 Acrylonitrile
 Concen: 312.487 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

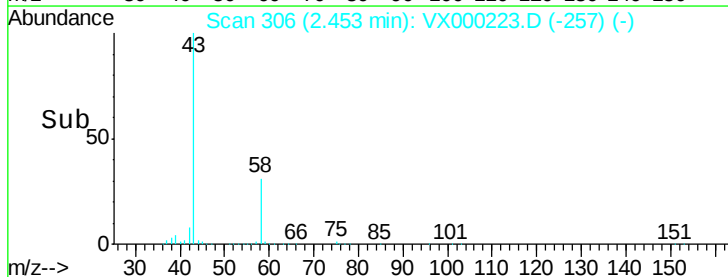
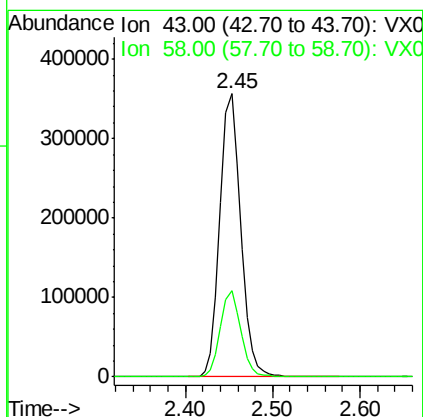
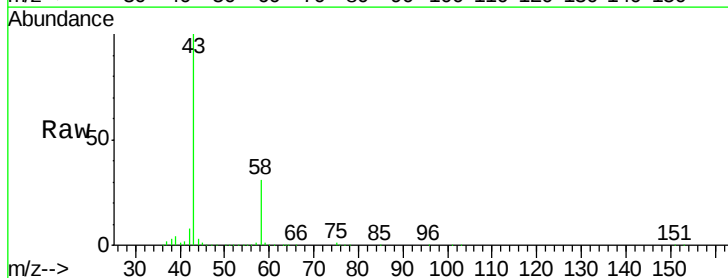
Instrument :
 MSVOA_X
 ClientSampleID :
 BFB

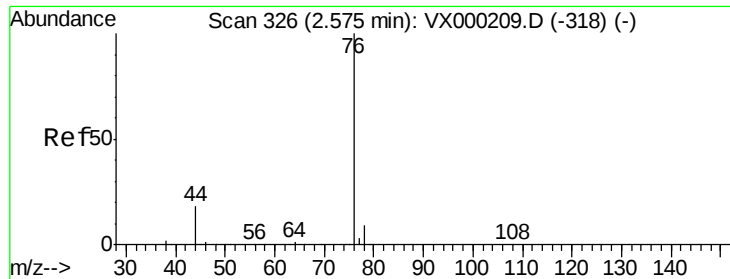
Tot Ion: 53 Resp: 382131
 Ion Ratio Lower Upper
 53 100
 52 82.5 66.3 99.5
 51 37.0 29.6 44.4



#16
 Acetone
 Concen: 429.513 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 589875
 Ion Ratio Lower Upper
 43 100
 58 30.6 23.8 35.6

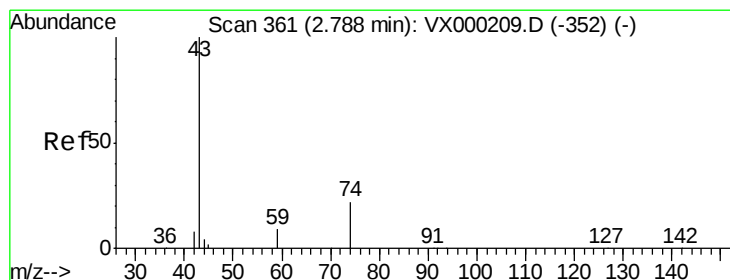
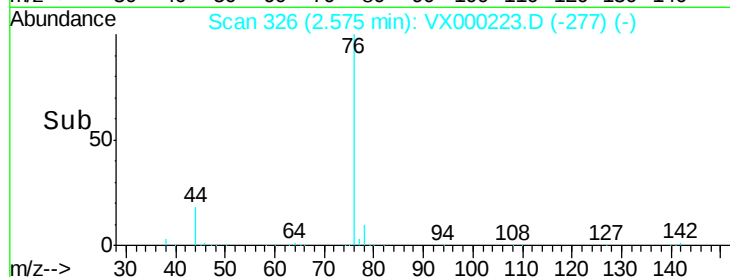
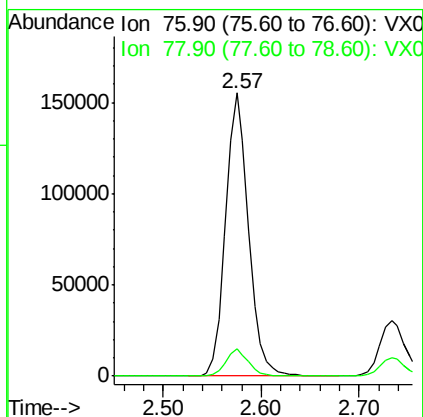
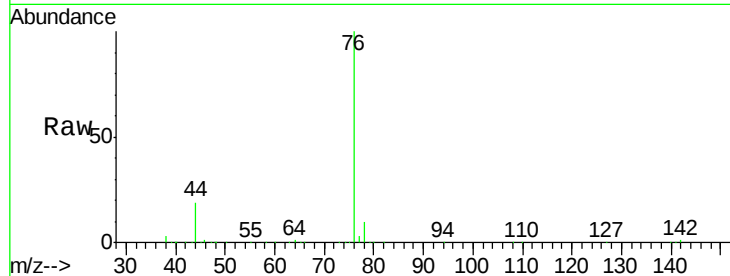




#17
Carbon Disulfide
Concen: 63.193 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

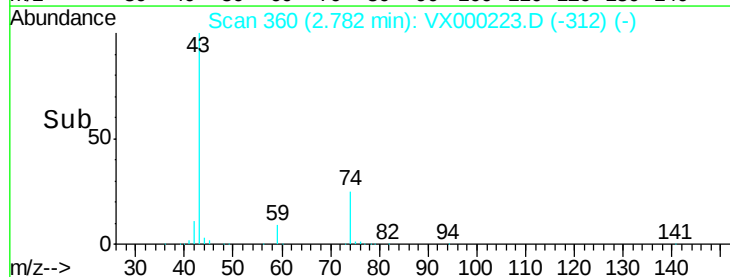
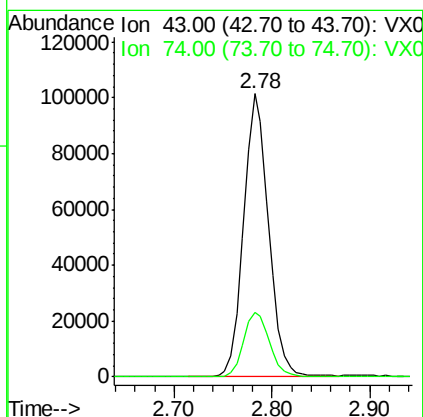
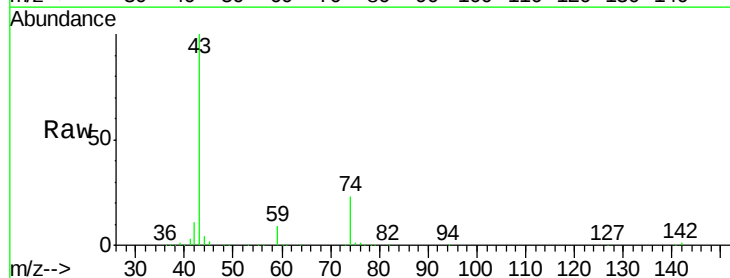
Instrument :
MSVOA_X
ClientSampleId :
BFB

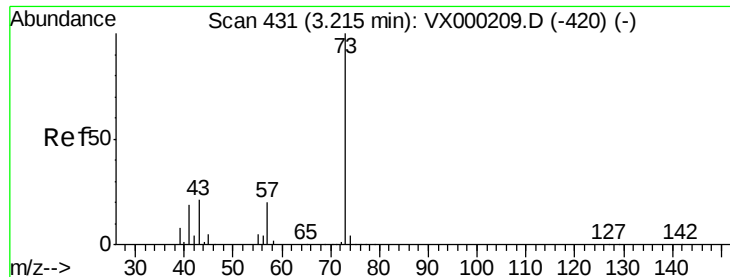
Tot Ion: 76 Resp: 251930
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 60.921 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 178175
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3



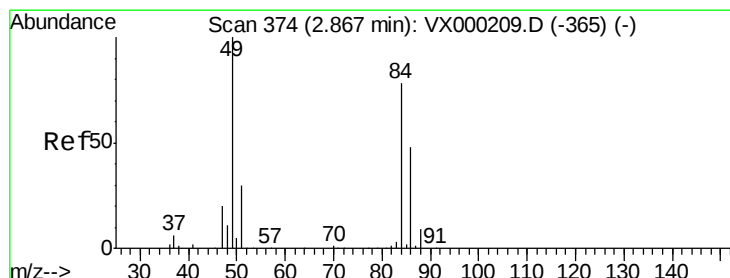
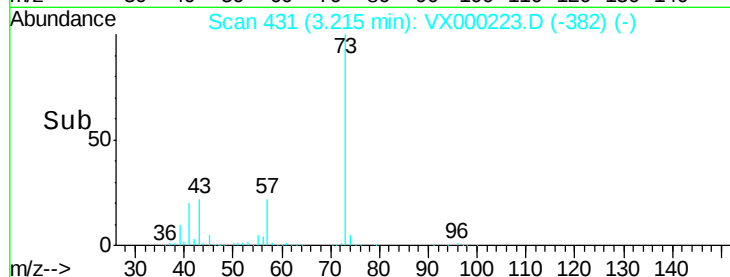
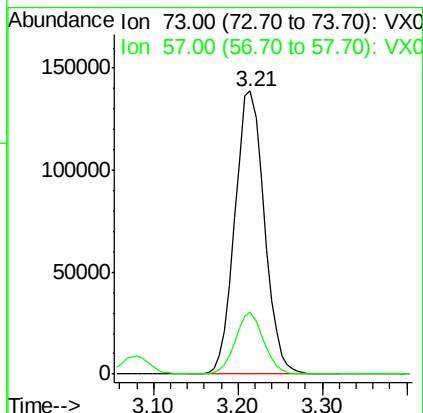
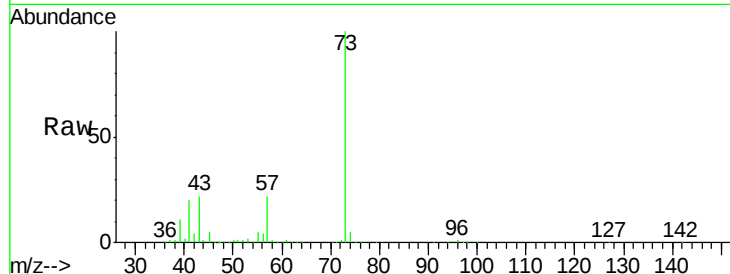


#19

Methyl tert-butyl Ether
 Concen: 63.259 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

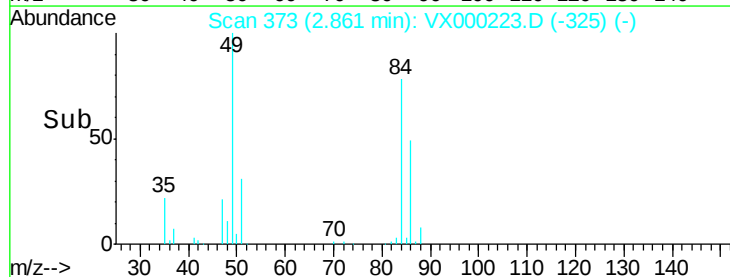
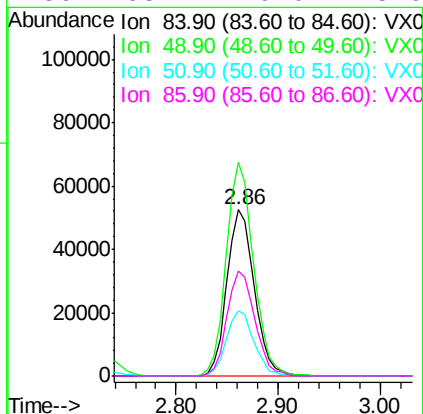
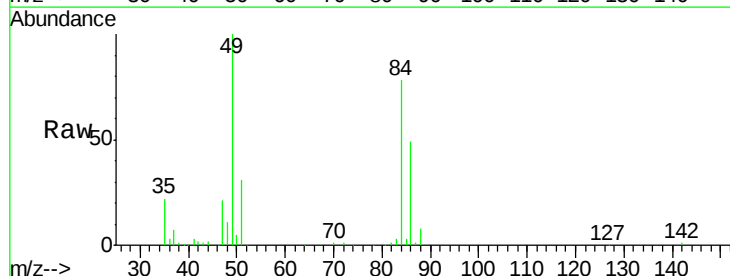
Tot Ion: 73 Resp: 327777
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.3 24.5

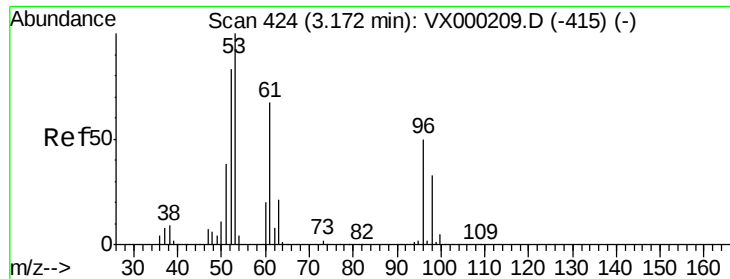


#20

Methylene Chloride
 Concen: 59.517 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 84 Resp: 97481
 Ion Ratio Lower Upper
 84 100
 49 128.8 102.1 153.1
 51 39.5 30.6 45.8
 86 63.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 62.862 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

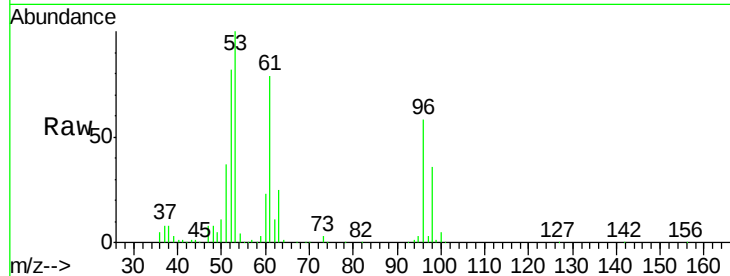
Tot Ion: 96 Resp: 100595

Ion Ratio Lower Upper

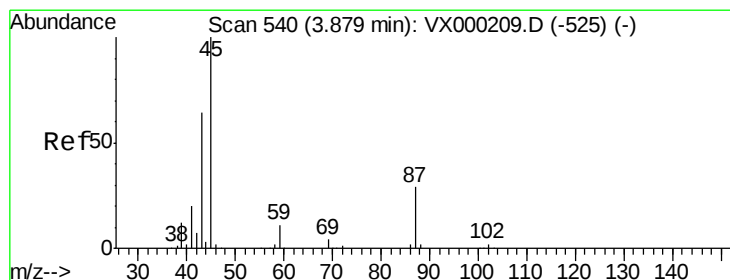
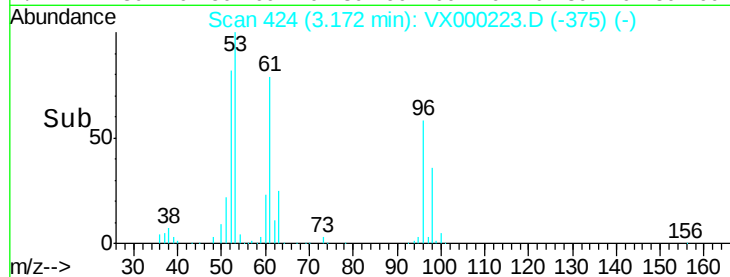
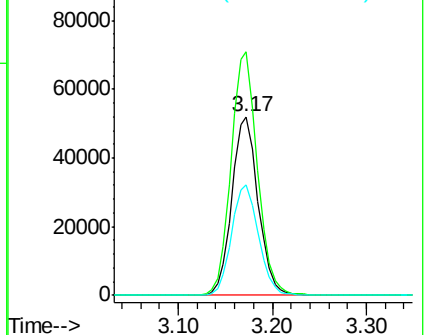
96 100

61 136.4 107.0 160.4

98 61.9 51.8 77.8



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



#22

Diisopropyl ether

Concen: 70.058 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Tgt Ion: 45 Resp: 323363

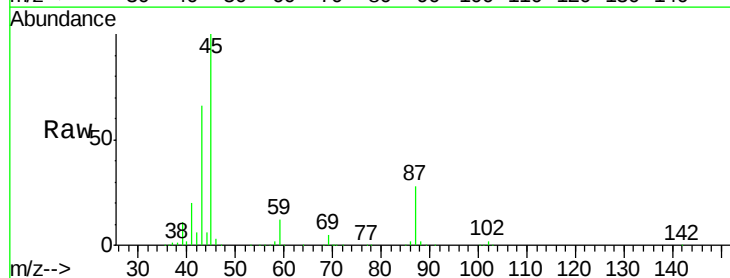
Ion Ratio Lower Upper

45 100

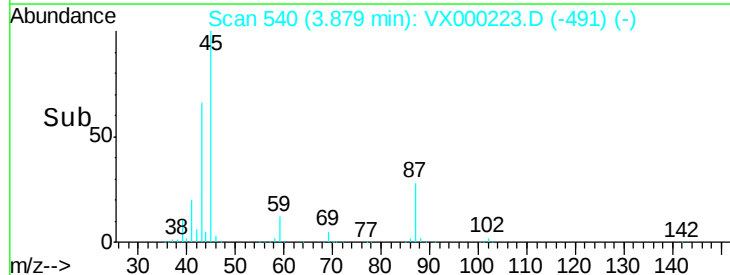
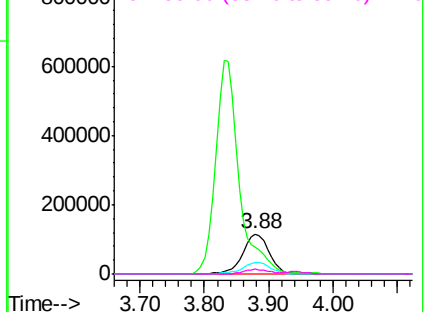
43 65.3 53.5 80.3

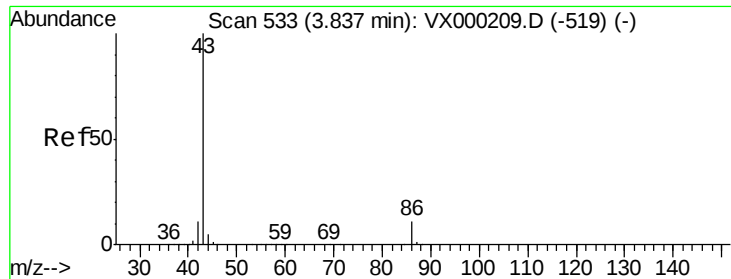
87 28.3 23.3 34.9

59 11.7 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 357.530 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

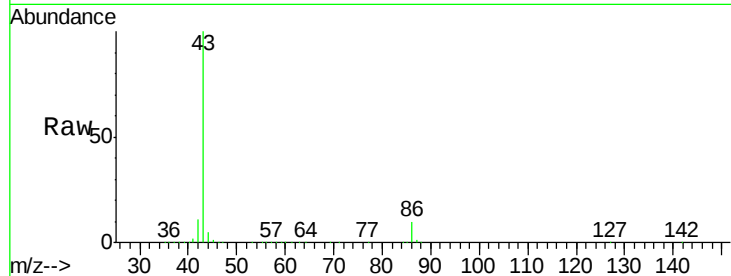
BFB

Tot Ion: 43 Resp: 1590410

Ion Ratio Lower Upper

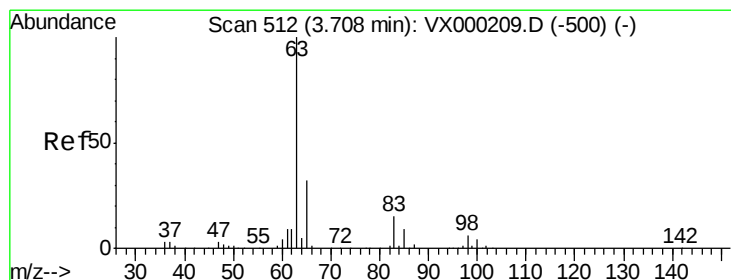
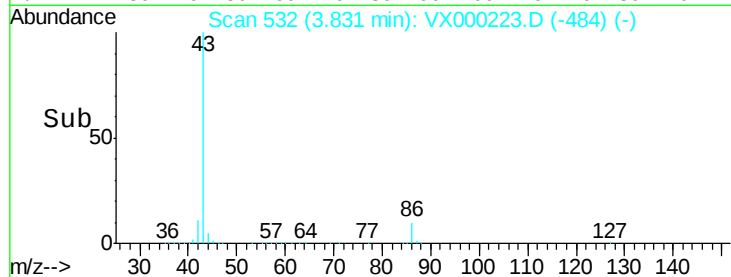
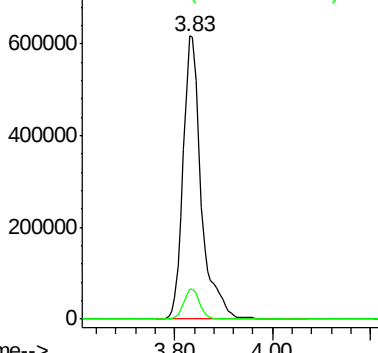
43 100

86 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 61.999 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

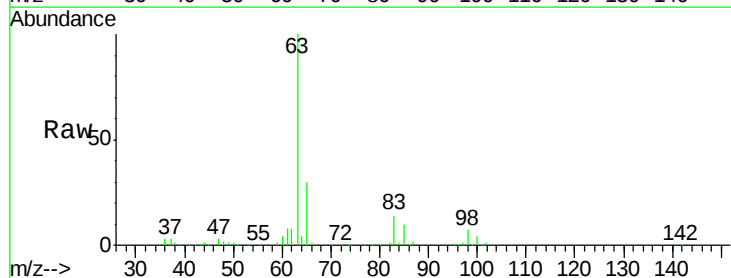
Tgt Ion: 63 Resp: 175426

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

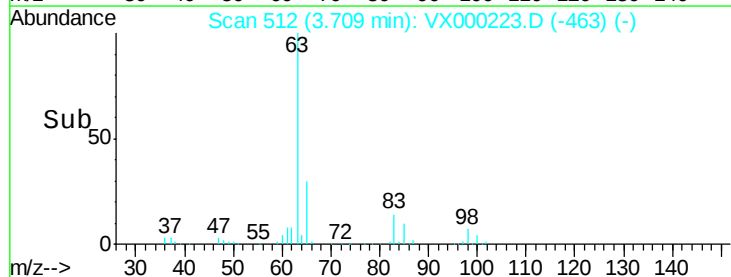
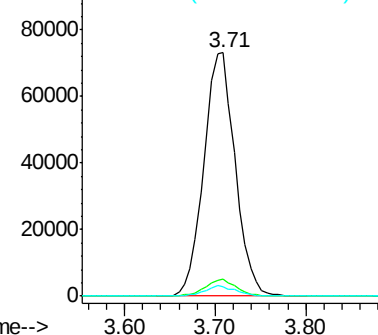
100 4.0 2.2 6.6

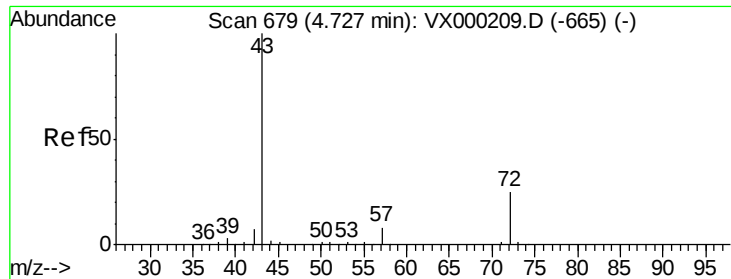


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 352.613 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

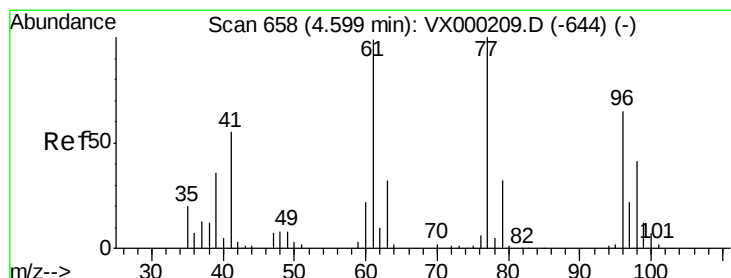
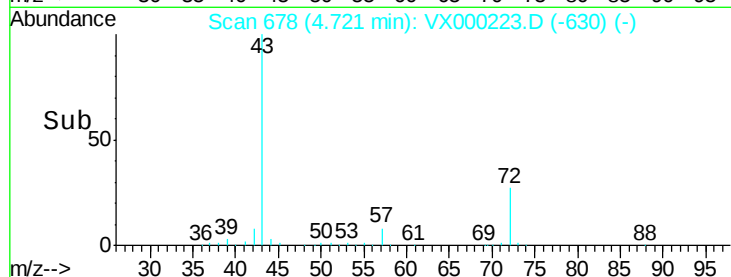
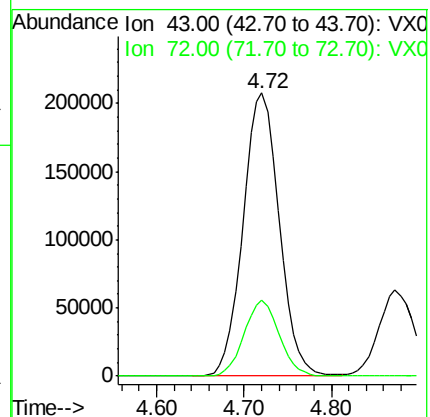
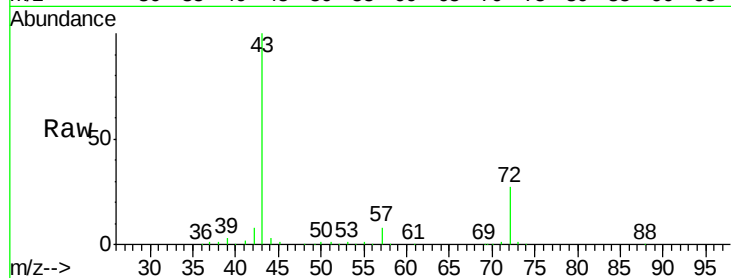
BFB

Tot Ion: 43 Resp: 597626

Ion Ratio Lower Upper

43 100

72 26.7 20.2 30.2



#26

2,2-Dichloropropane

Concen: 63.595 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000223.D

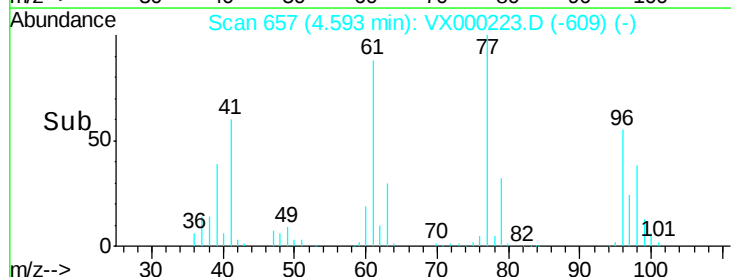
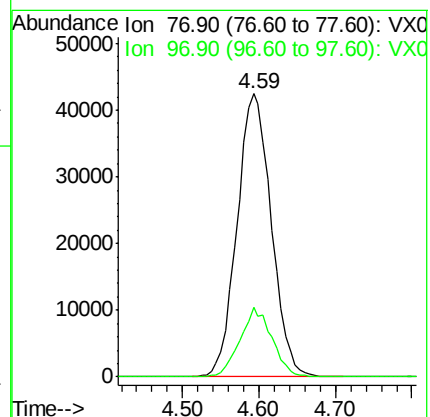
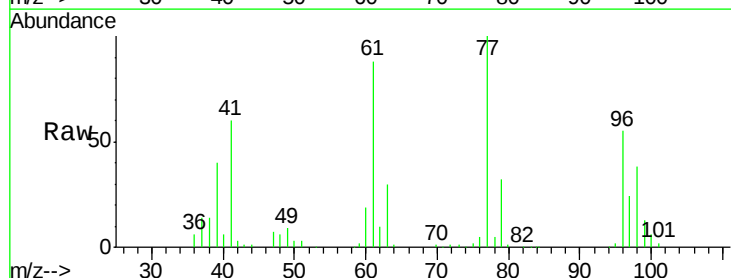
Acq: 08 Mar 2018 15:13

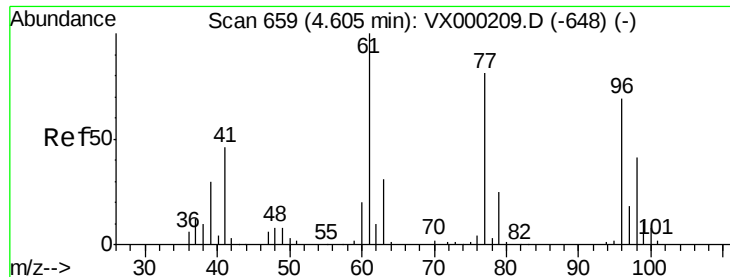
Tgt Ion: 77 Resp: 131525

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



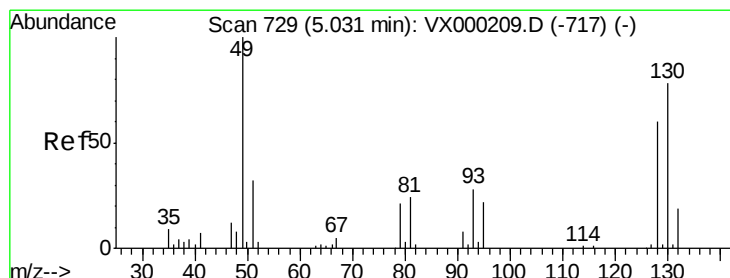
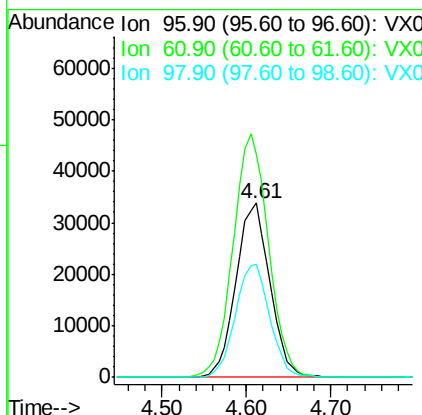
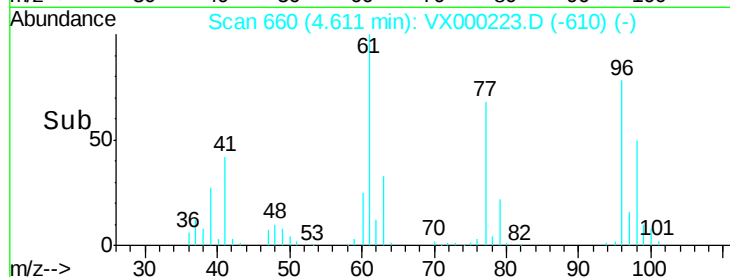
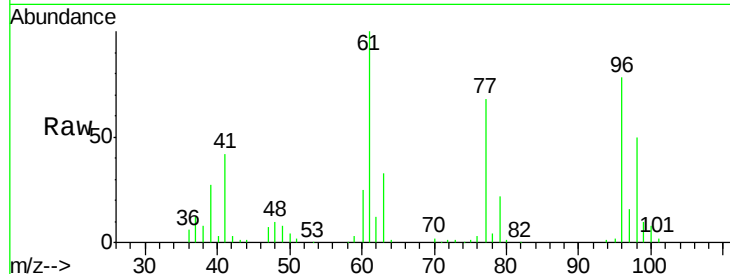


#27

cis-1,2-Dichloroethene
Concen: 60.733 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
BFB

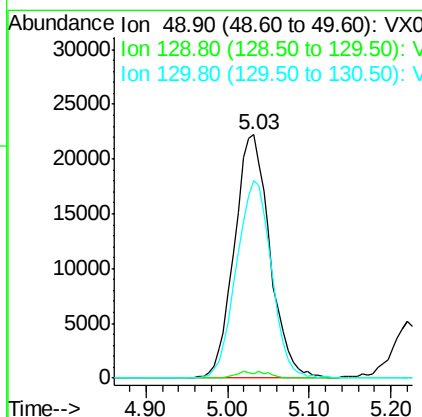
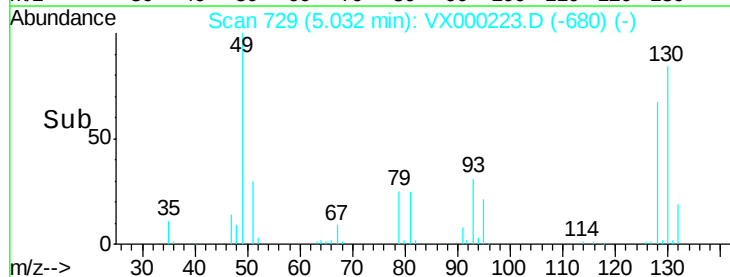
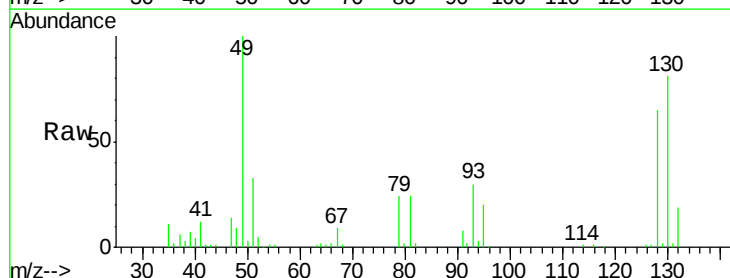
Tot Ion: 96 Resp: 92151
Ion Ratio Lower Upper
96 100
61 145.2 0.0 296.4
98 65.4 0.0 130.6

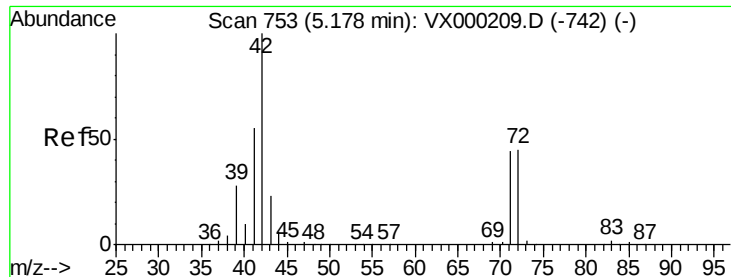


#28

Bromochloromethane
Concen: 55.852 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 49 Resp: 67165
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.0
130 79.8 63.5 95.3





#29

Tetrahydrofuran

Concen: 317.786 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

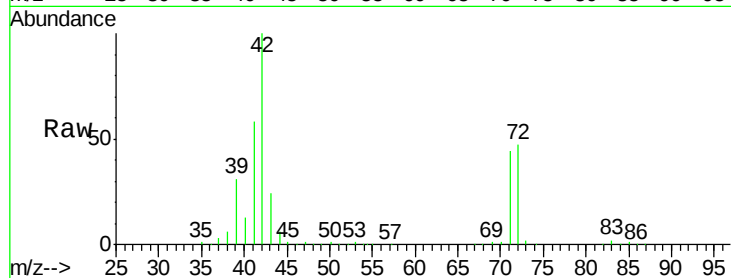
Tot Ion: 42 Resp: 338285

Ion Ratio Lower Upper

42 100

72 46.0 37.3 55.9

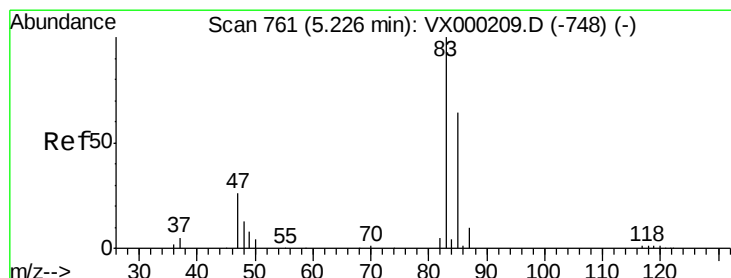
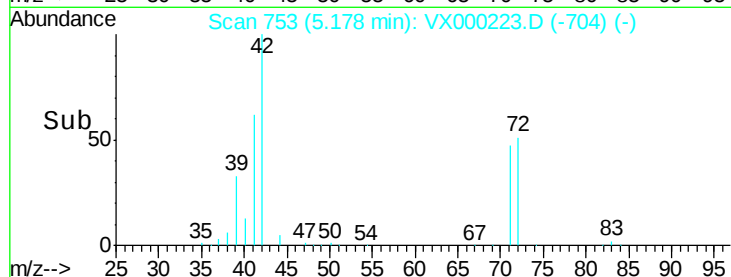
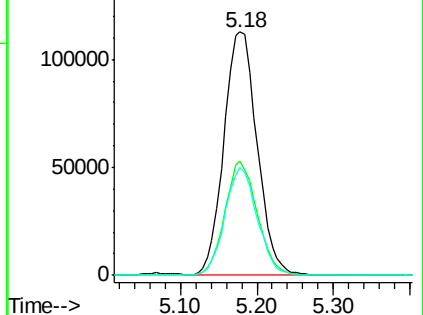
71 43.0 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 62.929 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000223.D

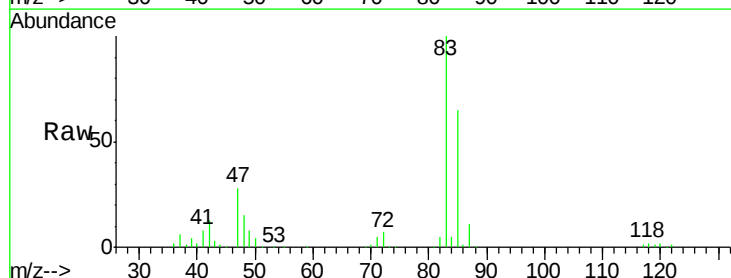
Acq: 08 Mar 2018 15:13

Tgt Ion: 83 Resp: 172152

Ion Ratio Lower Upper

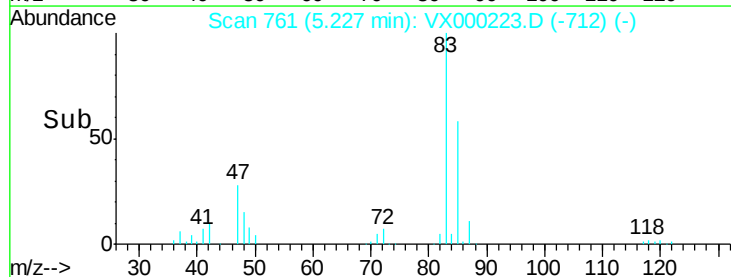
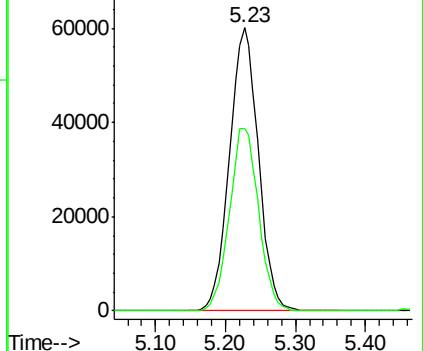
83 100

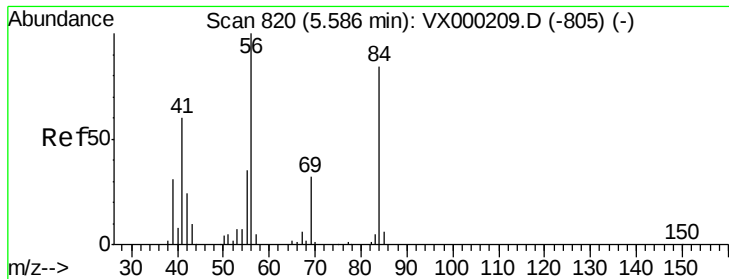
85 64.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 67.840 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

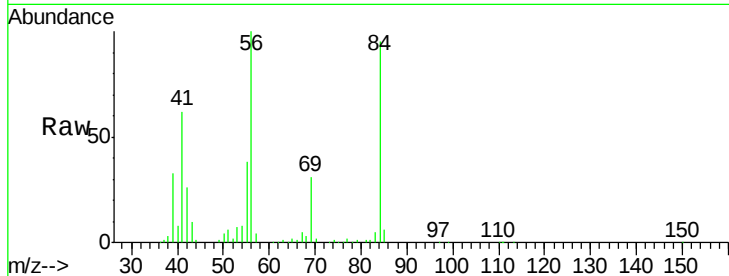
Tot Ion: 56 Resp: 141951

Ion Ratio Lower Upper

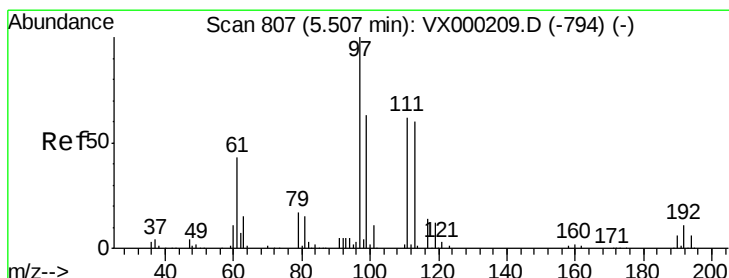
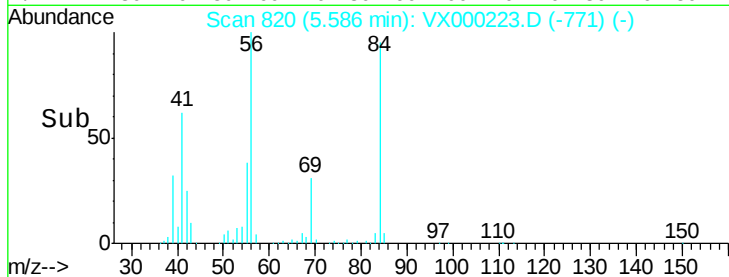
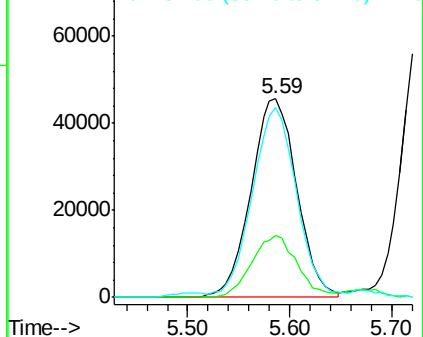
56 100

69 31.3 25.3 37.9

84 93.3 67.2 100.8



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 65.750 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

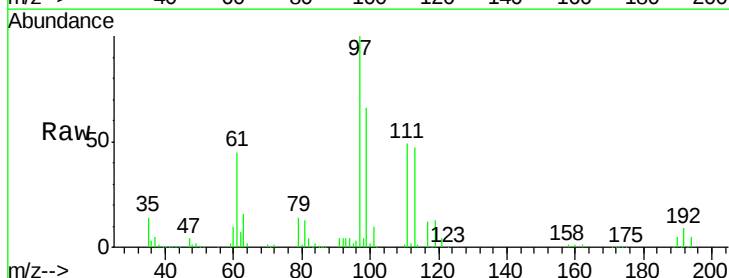
Tgt Ion: 97 Resp: 155955

Ion Ratio Lower Upper

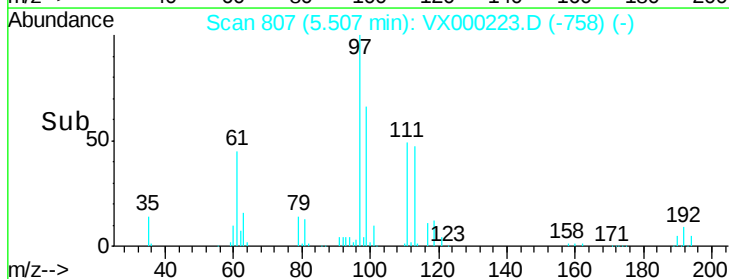
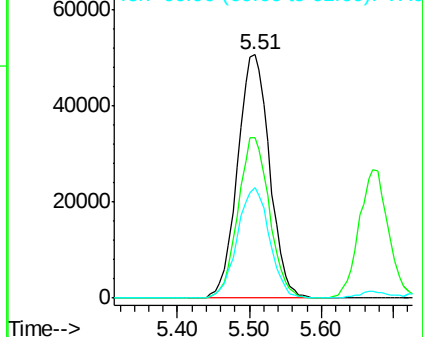
97 100

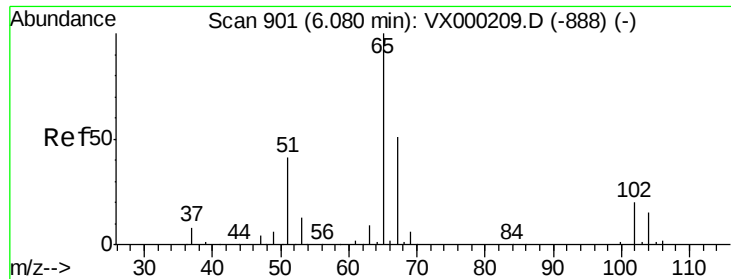
99 64.8 50.9 76.3

61 45.8 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.615 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

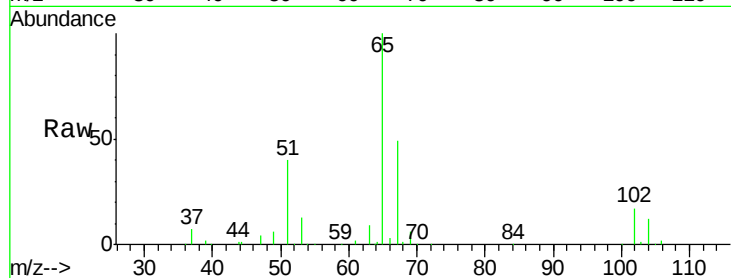
BFB

Tot Ion: 65 Resp: 92968

Ion Ratio Lower Upper

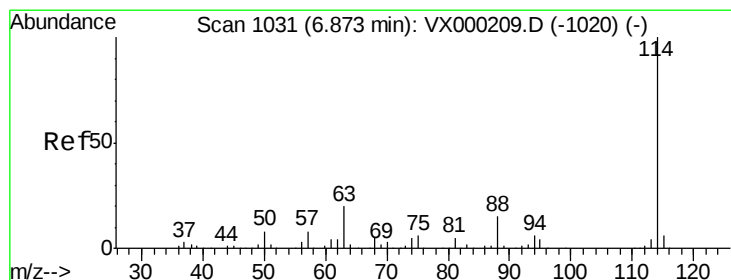
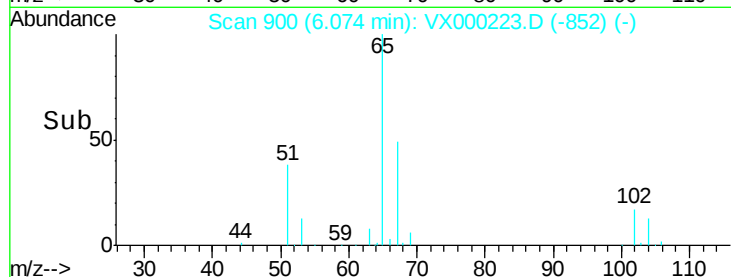
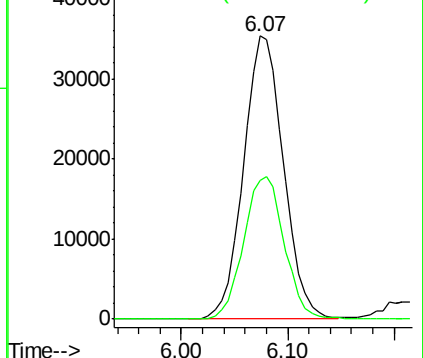
65 100

67 51.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

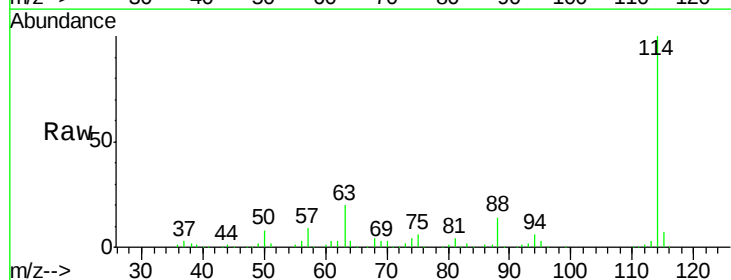
Tgt Ion: 114 Resp: 223732

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

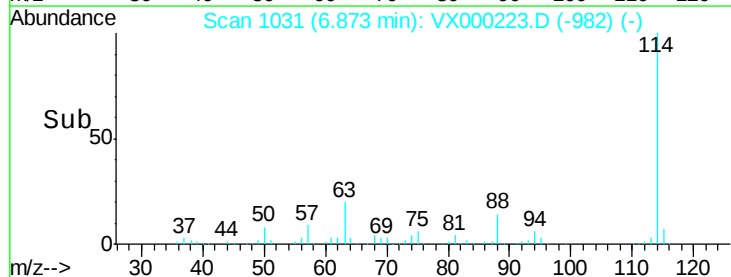
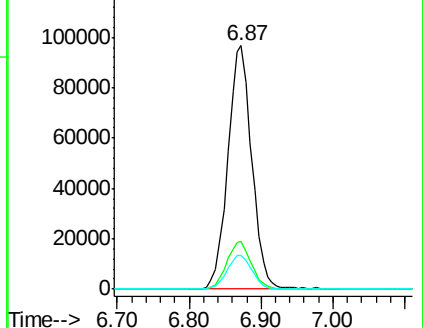
88 14.0 0.0 29.8

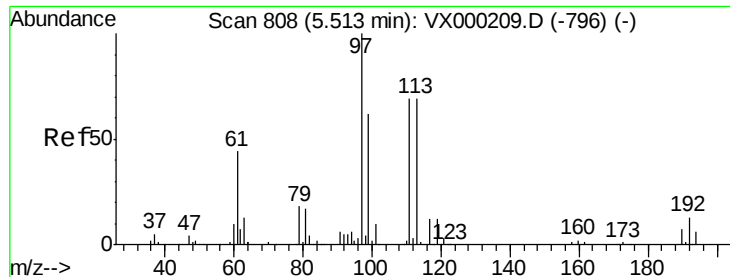


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.018 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

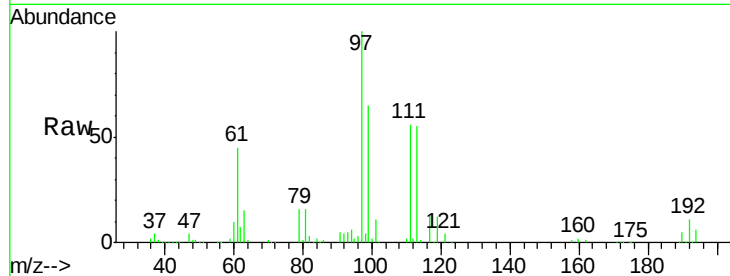
Tot Ion:113 Resp: 73106

Ion Ratio Lower Upper

113 100

111 100.8 83.0 124.6

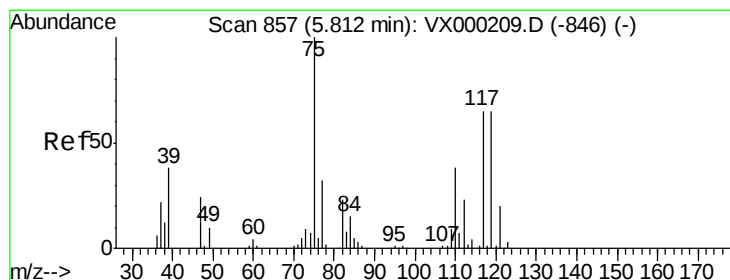
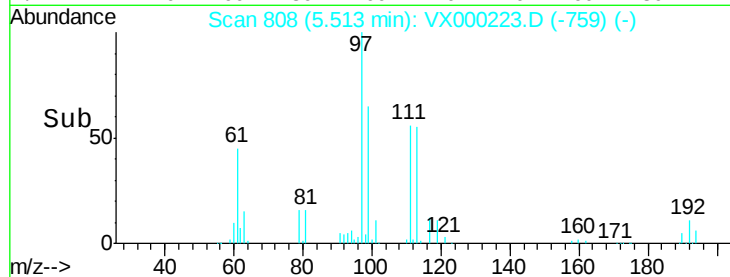
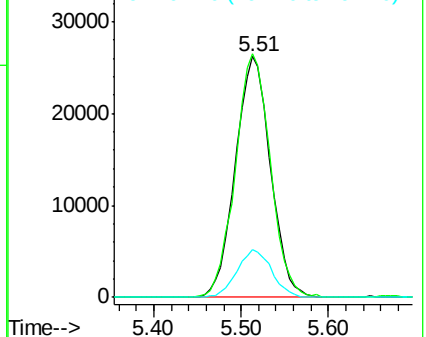
192 19.5 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 66.581 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

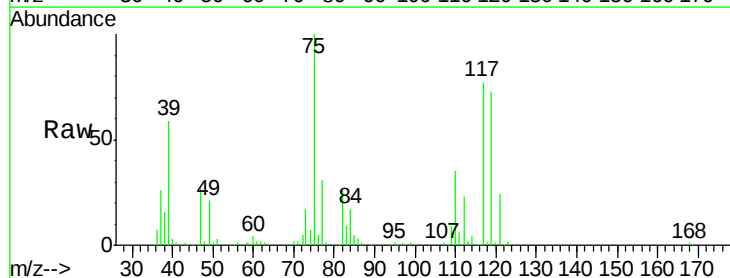
Tgt Ion: 75 Resp: 132547

Ion Ratio Lower Upper

75 100

110 35.9 17.8 53.5

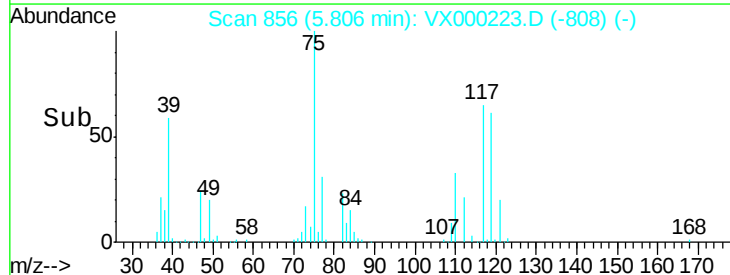
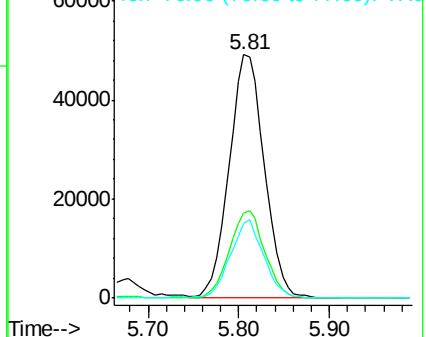
77 30.9 24.9 37.3

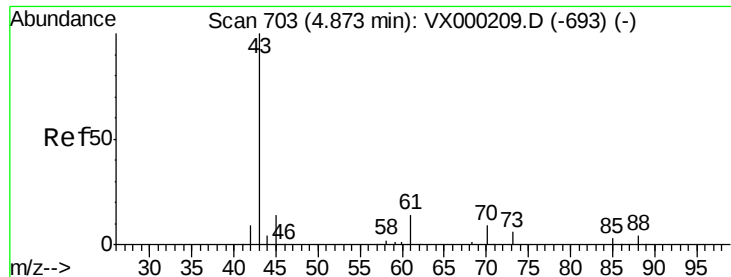


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

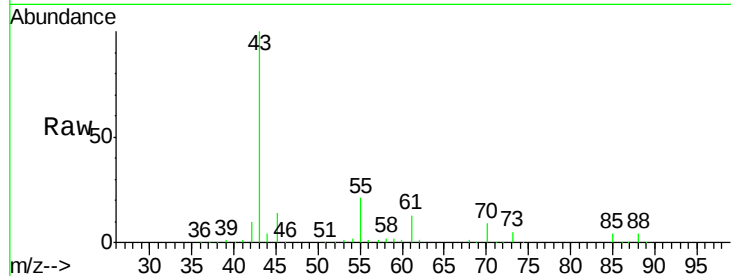




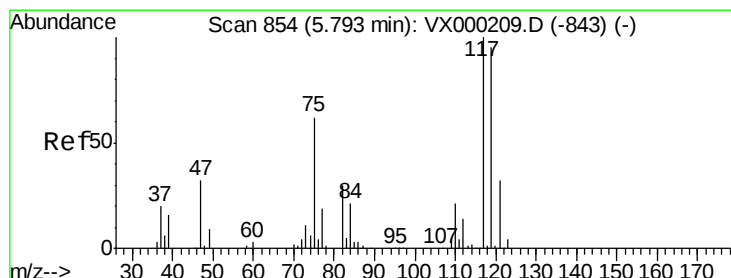
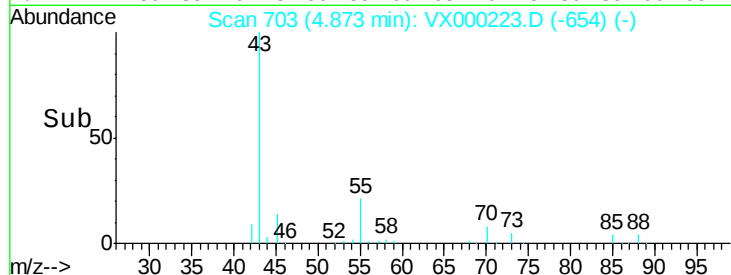
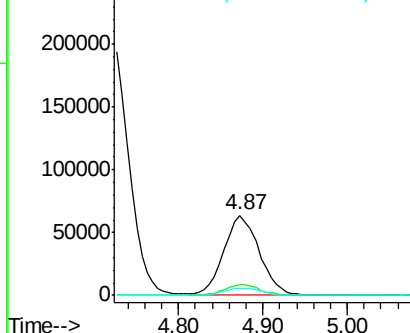
#37
Ethyl Acetate
Concen: 63.015 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 43 Resp: 181292
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.6
70 9.5 7.8 11.6

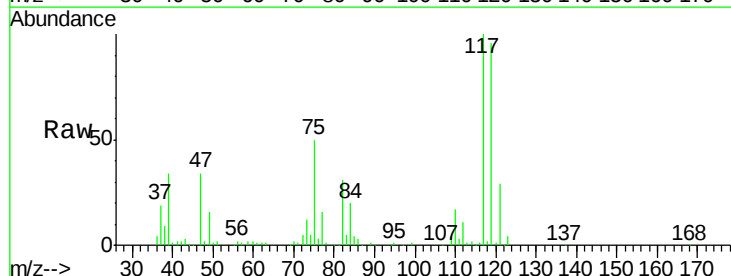


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

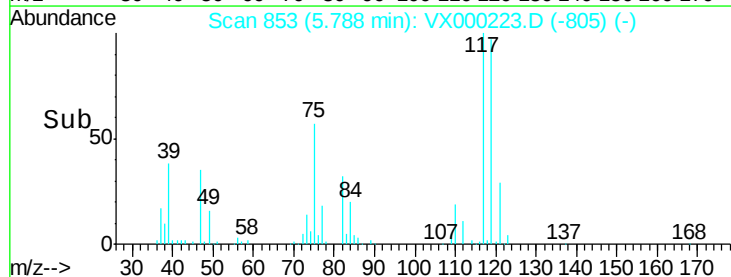
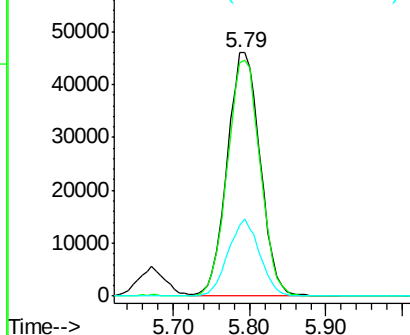


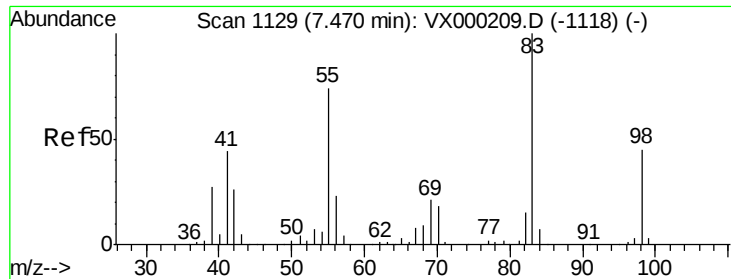
#38
Carbon Tetrachloride
Concen: 68.303 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 117 Resp: 137608
Ion Ratio Lower Upper
117 100
119 96.0 75.9 113.9
121 29.0 25.8 38.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

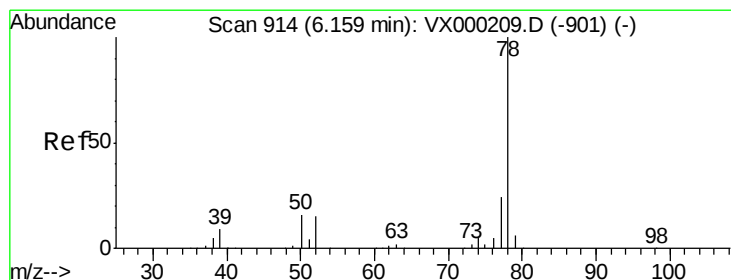
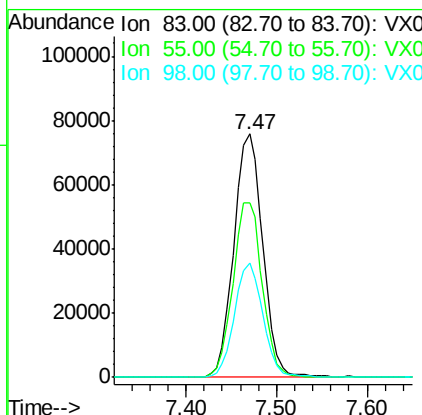
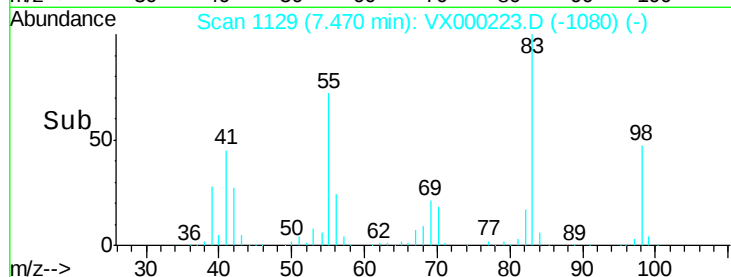
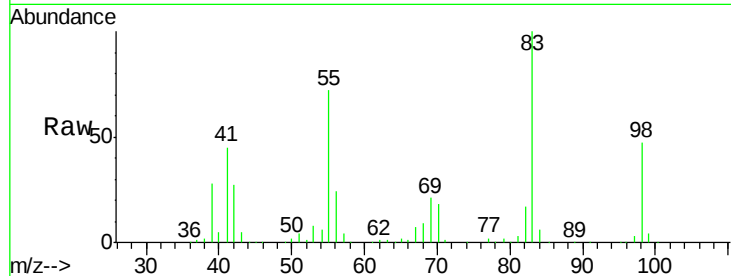




#39
Methvlcvclohexane
Concen: 68.728 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

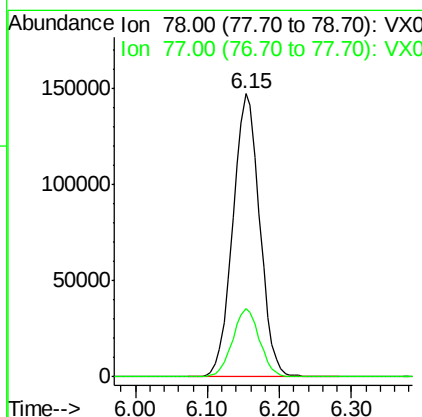
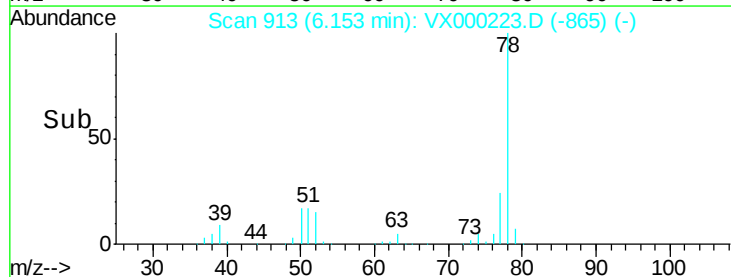
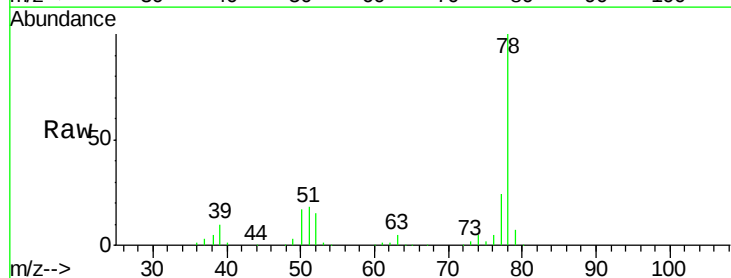
Instrument :
MSVOA_X
ClientSampled :
BFB

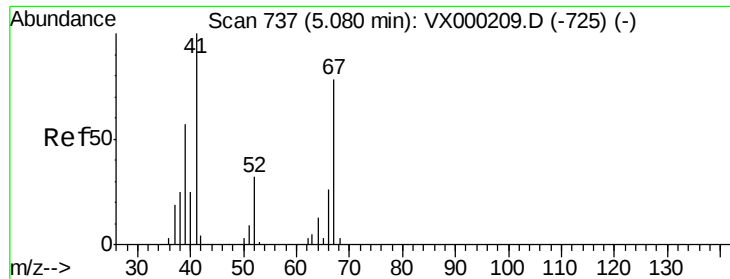
Tot Ion: 83 Resp: 167880
Ion Ratio Lower Upper
83 100
55 71.6 59.4 89.0
98 47.2 36.3 54.5



#40
Benzene
Concen: 66.278 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 78 Resp: 380535
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

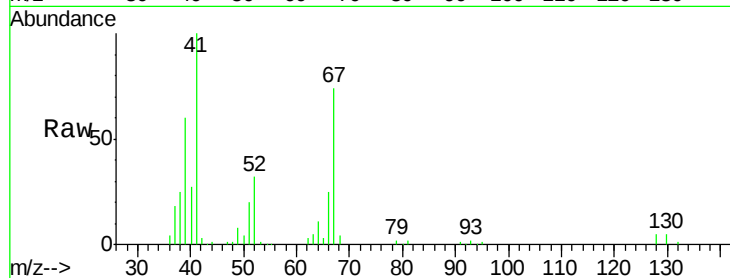




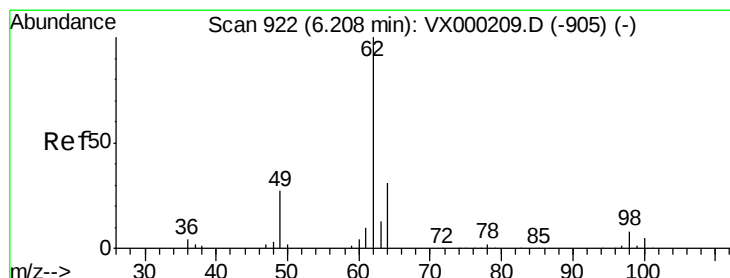
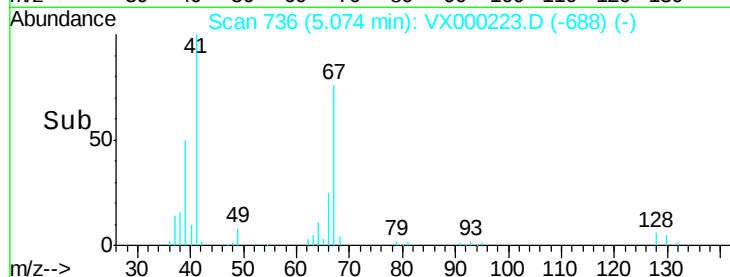
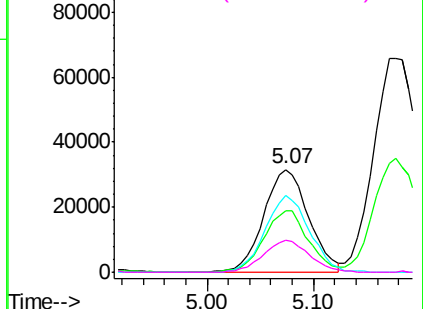
#41
Methacrylonitrile
Concen: 63.125 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 41 Resp: 92570
Ion Ratio Lower Upper
41 100
39 59.4 47.8 71.6
67 73.7 59.3 88.9
52 31.8 26.4 39.6

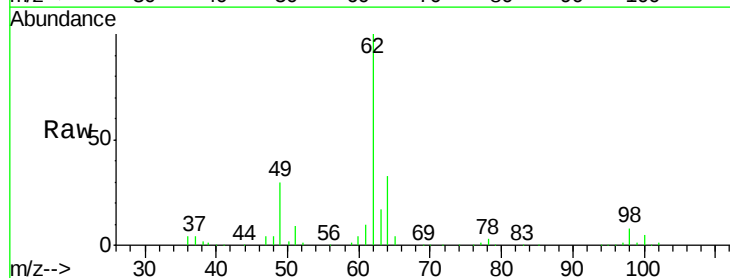


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

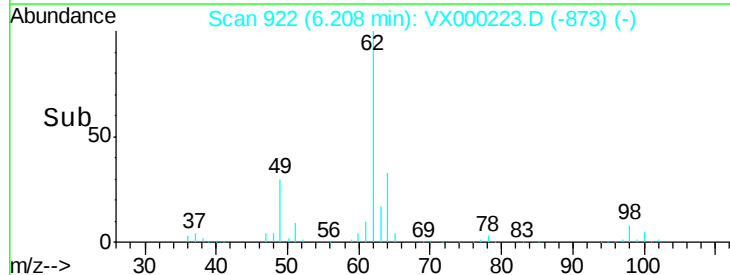
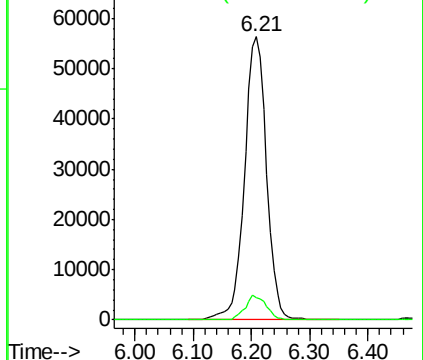


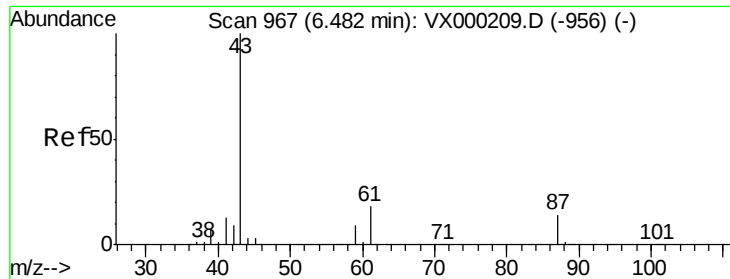
#42
1,2-Dichloroethane
Concen: 65.536 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 62 Resp: 147588
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



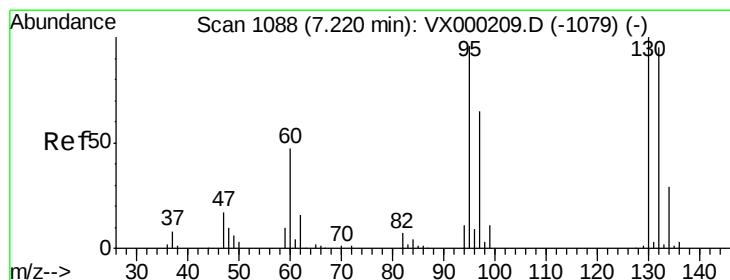
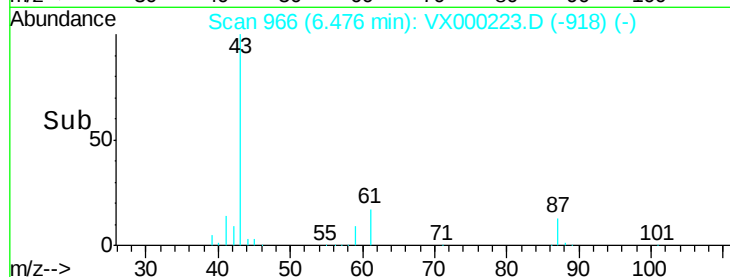
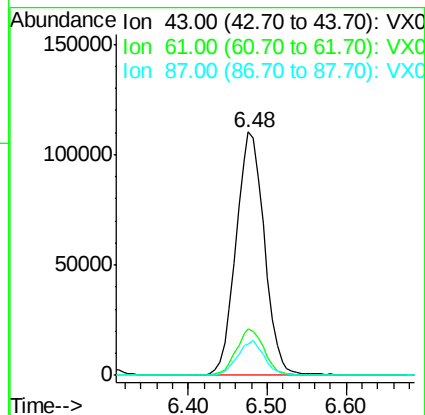
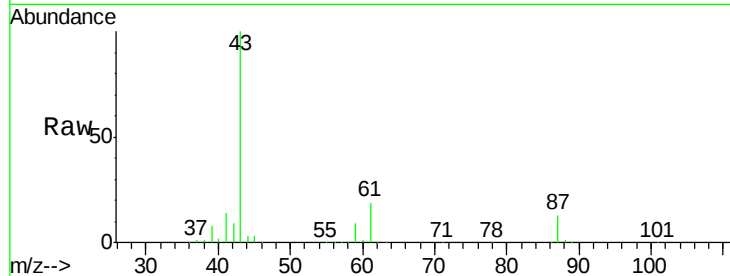


#43

Isopropyl Acetate
 Concen: 66.187 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

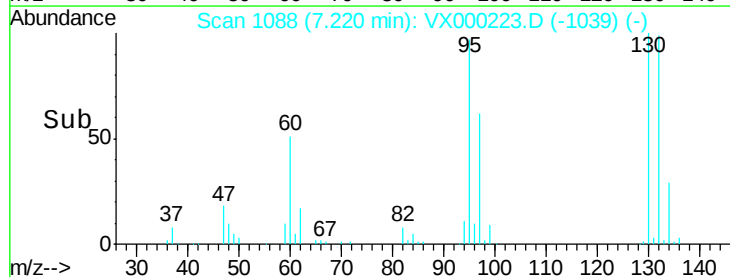
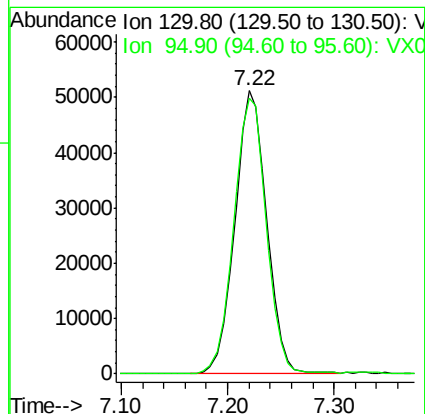
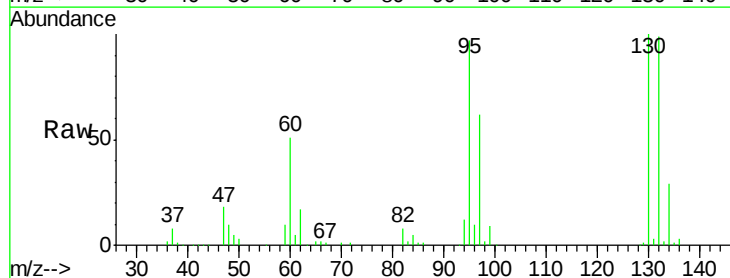
Tot Ion: 43 Resp: 275315
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.8 22.2
 87 13.5 10.6 16.0

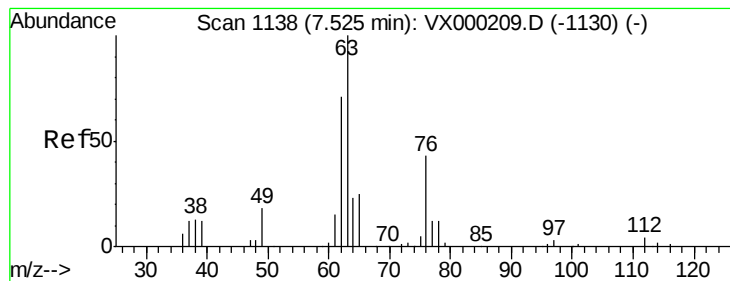


#44

Trichloroethene
 Concen: 65.466 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:130 Resp: 107584
 Ion Ratio Lower Upper
 130 100
 95 97.3 0.0 191.8





#45

1,2-Dichloropropane

Concen: 66.046 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

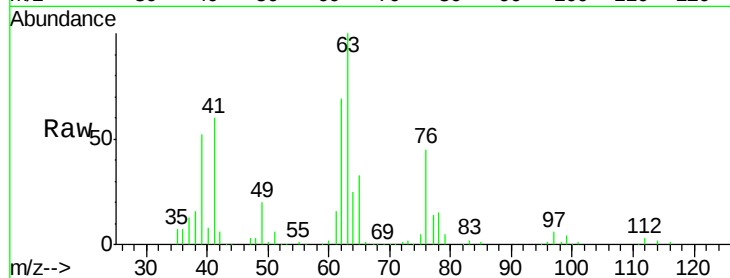
BFB

Tot Ion: 63 Resp: 96046

Ion Ratio Lower Upper

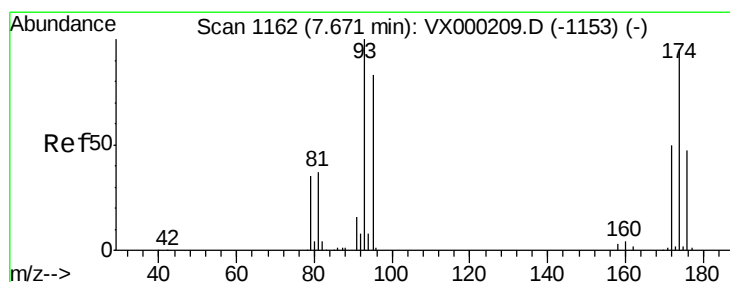
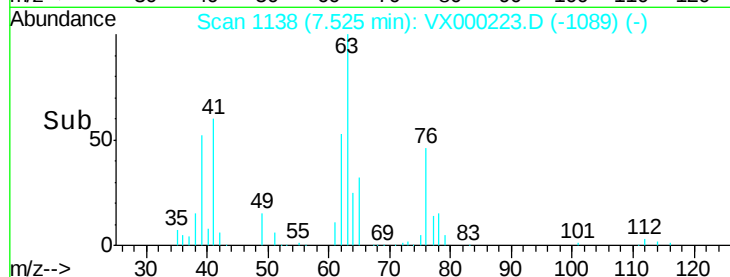
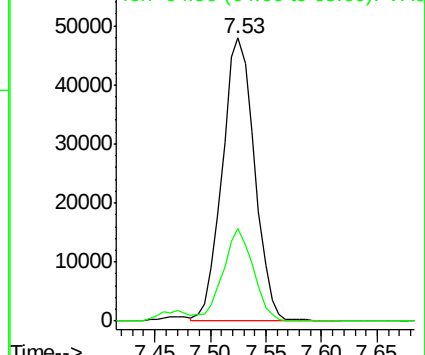
63 100

65 32.7 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 64.090 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

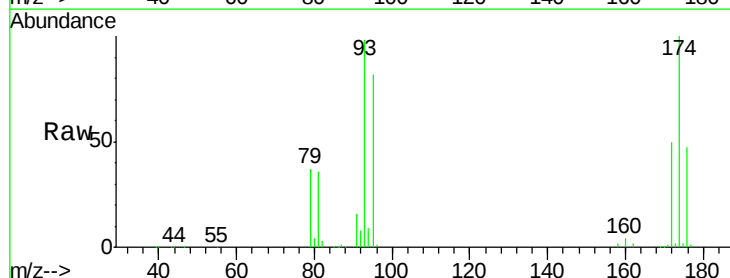
Tgt Ion: 93 Resp: 73735

Ion Ratio Lower Upper

93 100

95 84.2 64.1 96.1

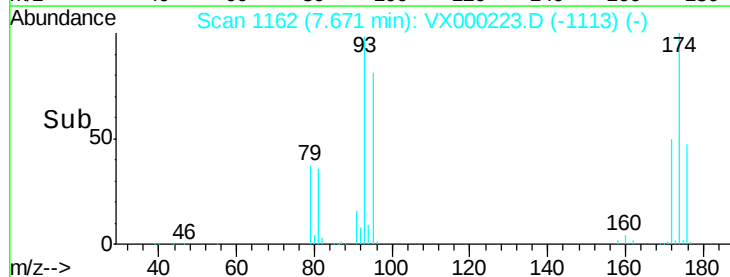
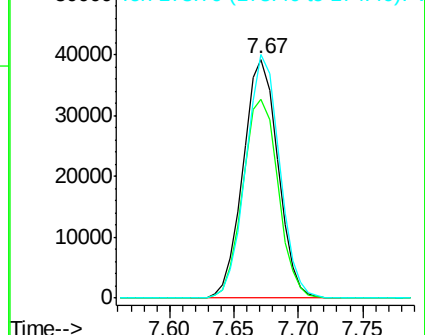
174 98.1 75.8 113.8

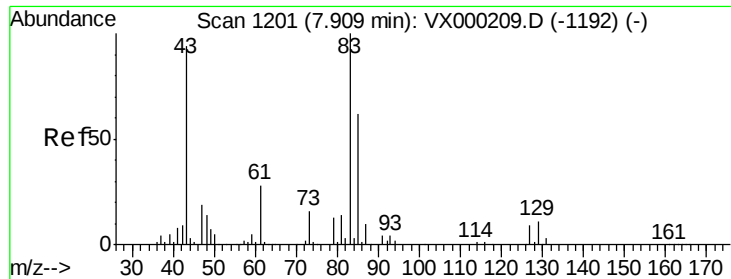


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 69.653 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

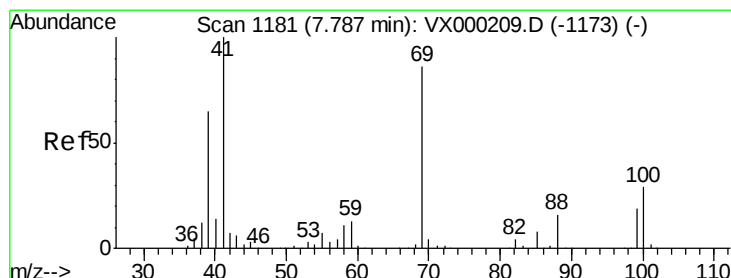
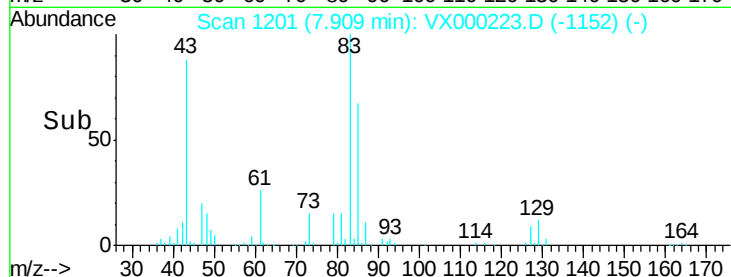
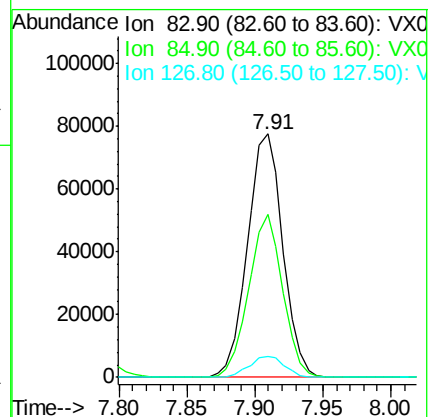
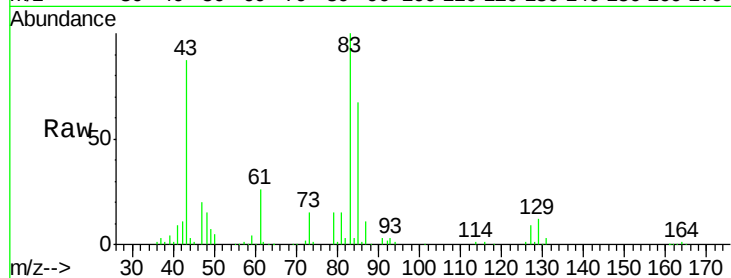
Tot Ion: 83 Resp: 140958

Ion Ratio Lower Upper

83 100

85 66.9 49.6 74.4

127 8.6 7.0 10.4



#48

Methyl methacrylate

Concen: 66.279 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

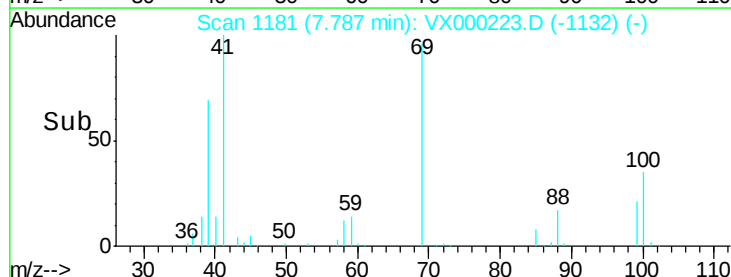
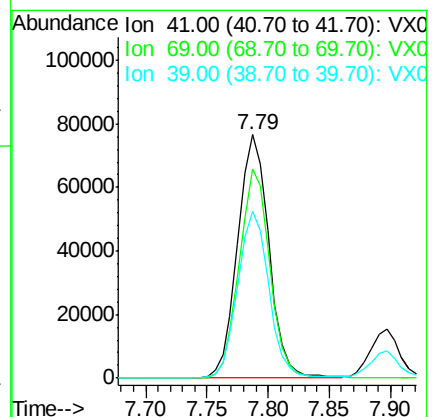
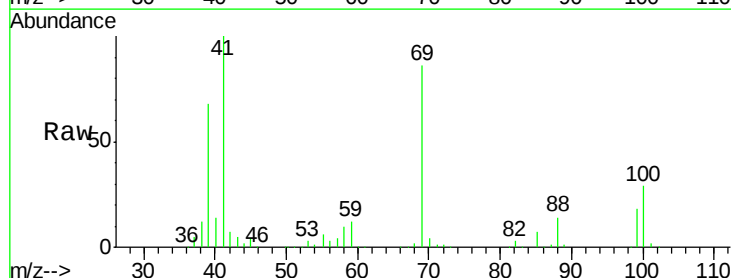
Tgt Ion: 41 Resp: 135796

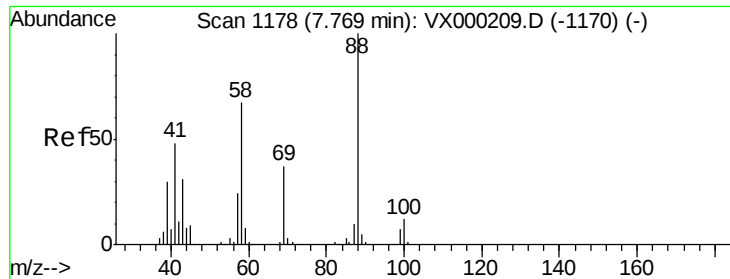
Ion Ratio Lower Upper

41 100

69 84.3 70.0 105.0

39 68.0 53.6 80.4





#49

1,4-Dioxane

Concen: 1311.493 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

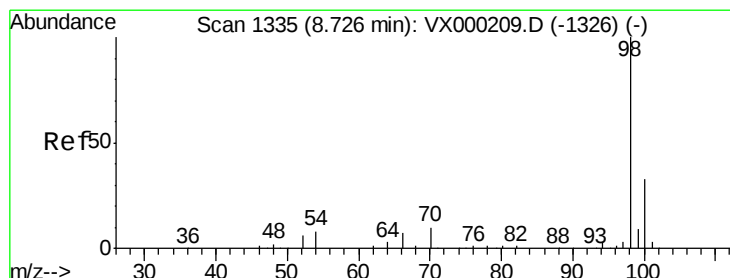
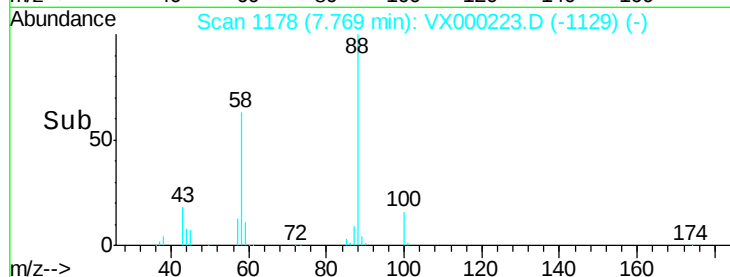
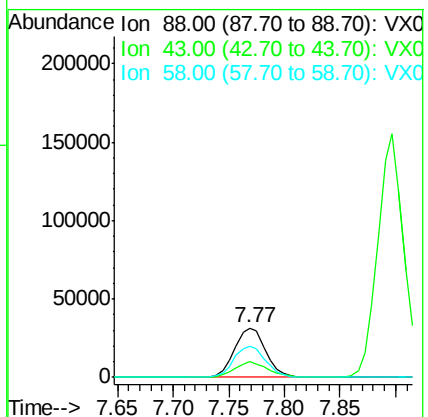
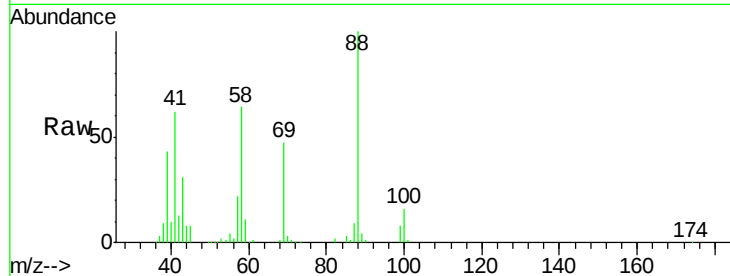
Tot Ion: 88 Resp: 60998

Ion Ratio Lower Upper

88 100

43 33.2 26.9 40.3

58 65.0 52.2 78.4



#50

Toluene-d8

Concen: 52.942 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000223.D

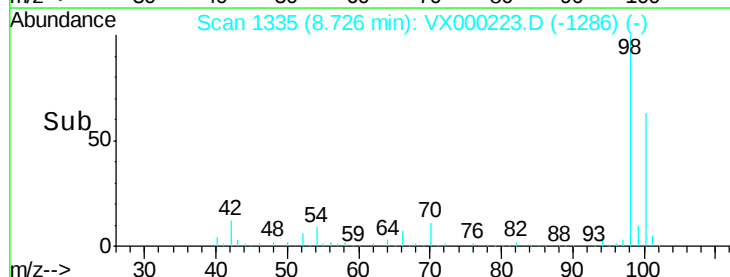
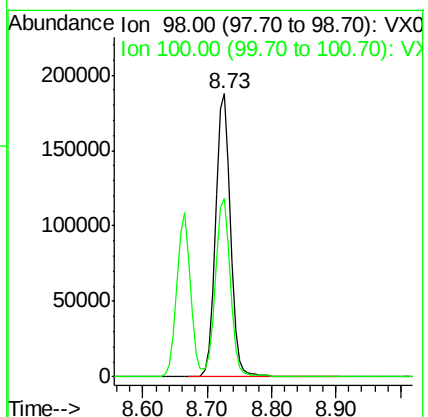
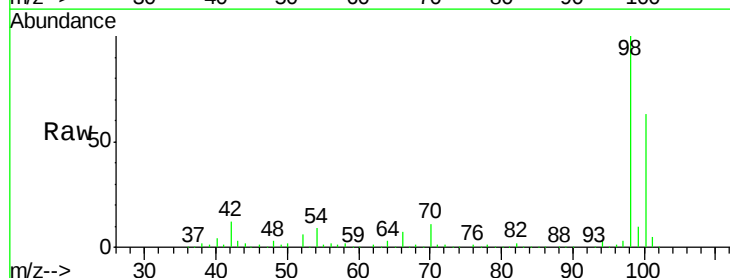
Acq: 08 Mar 2018 15:13

Tgt Ion: 98 Resp: 308166

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 347.922 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

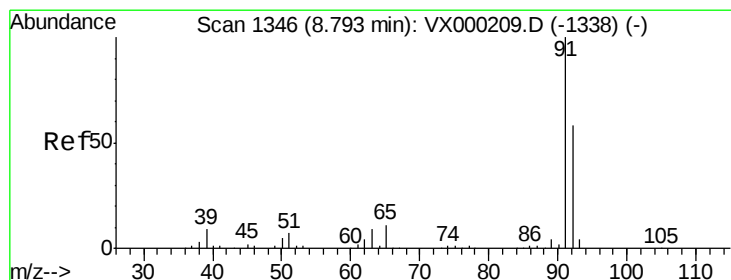
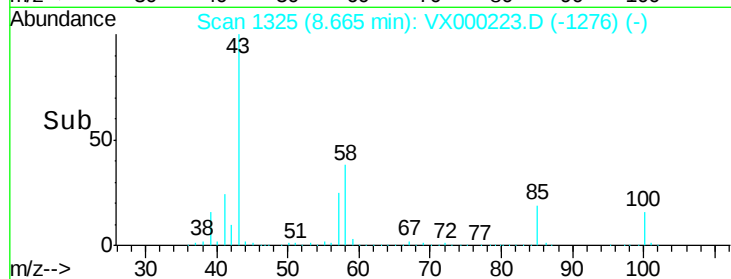
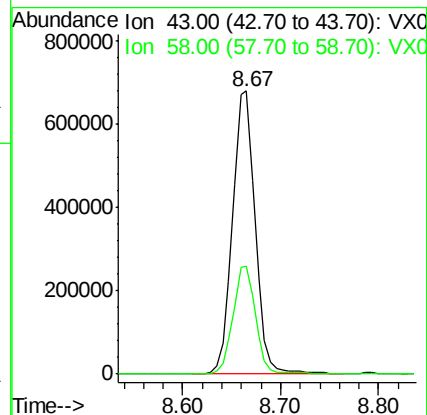
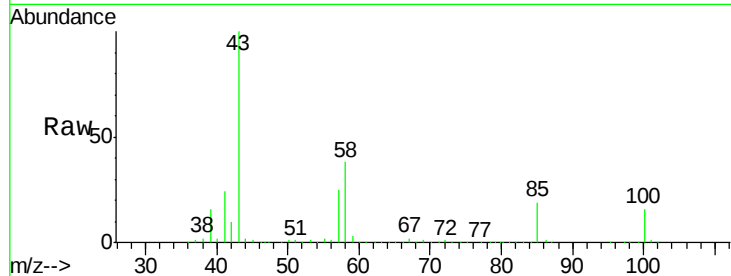
BFB

Tot Ion: 43 Resp: 1092325

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2



#52

Toluene

Concen: 69.960 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000223.D

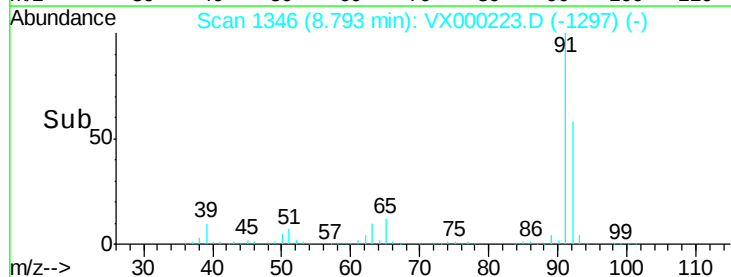
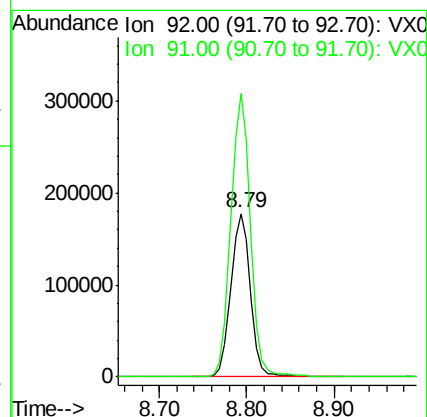
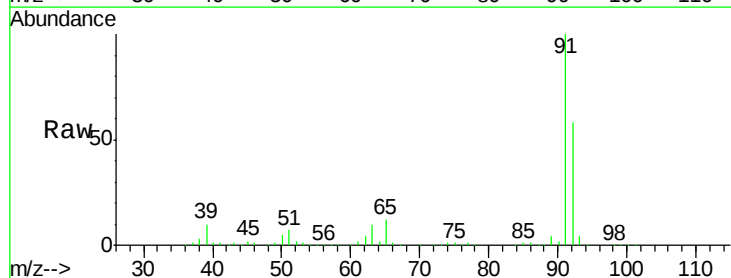
Acq: 08 Mar 2018 15:13

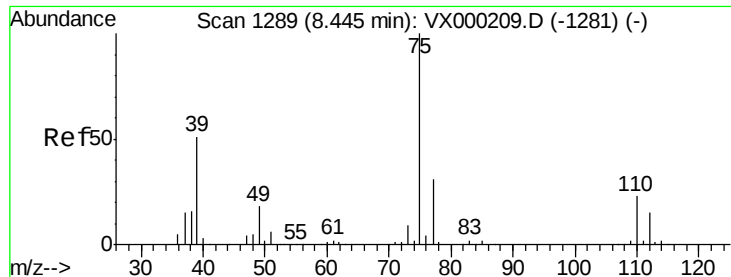
Tgt Ion: 92 Resp: 275302

Ion Ratio Lower Upper

92 100

91 174.3 139.0 208.6

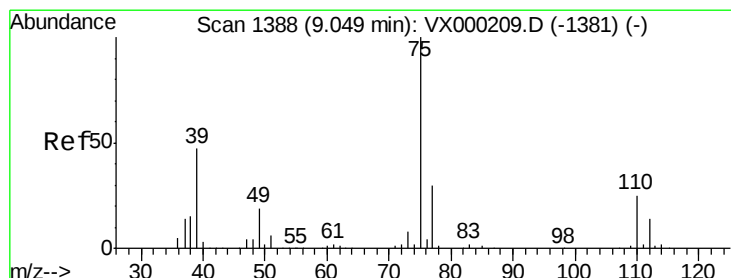
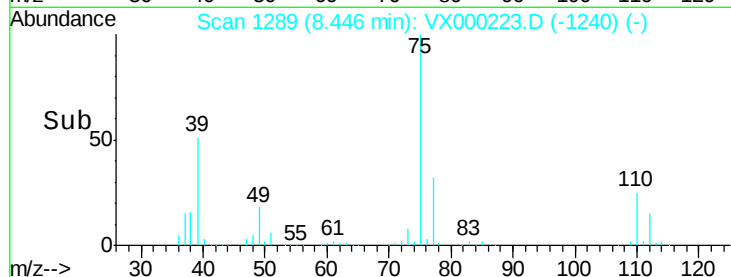
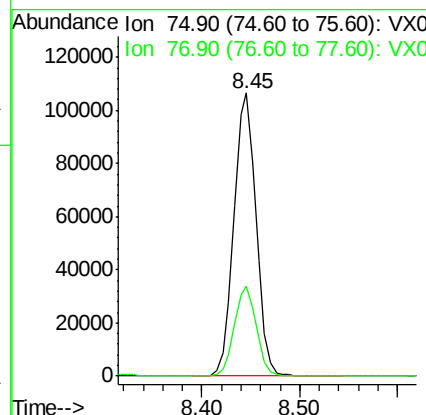
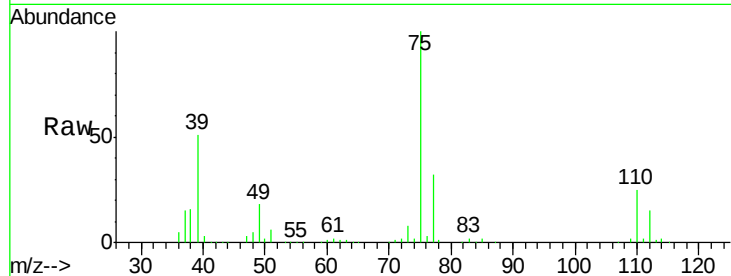




#53
 t-1,3-Dichloropropene
 Concen: 69.988 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

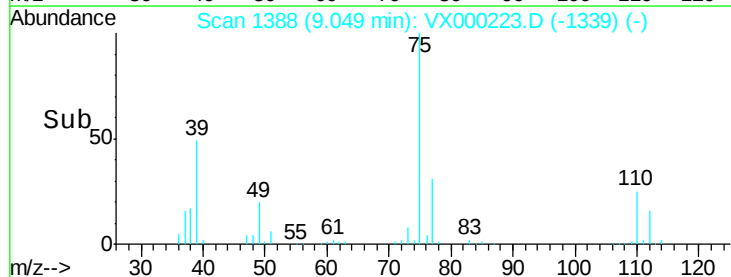
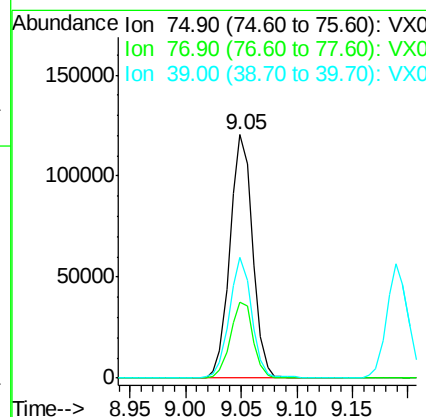
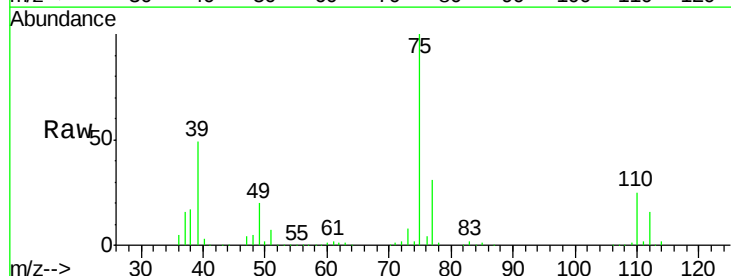
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

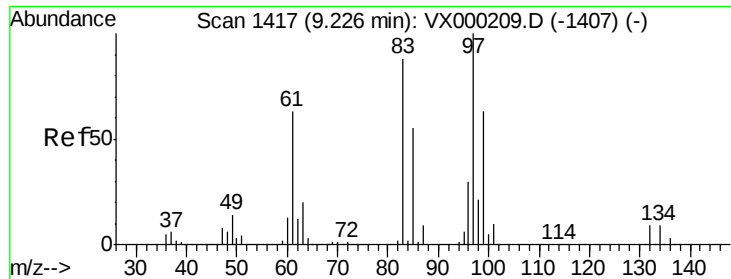
Tot Ion: 75 Resp: 166909
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 73.638 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 75 Resp: 169896
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.9 35.9
 39 49.2 37.4 56.2

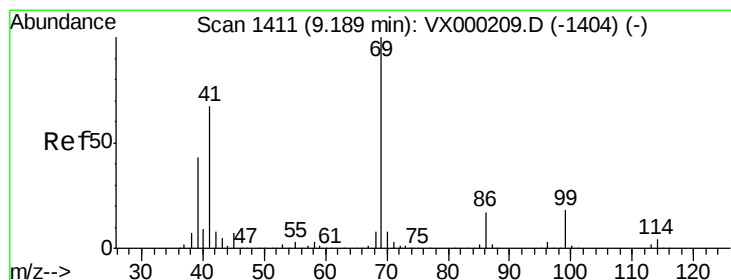
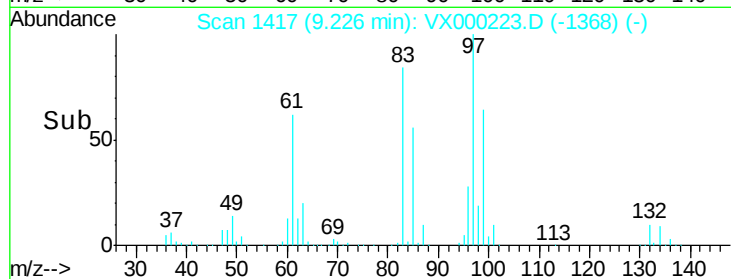
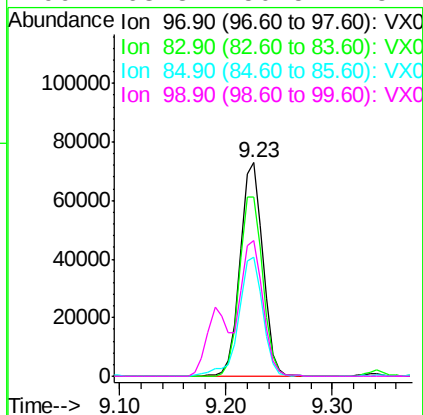
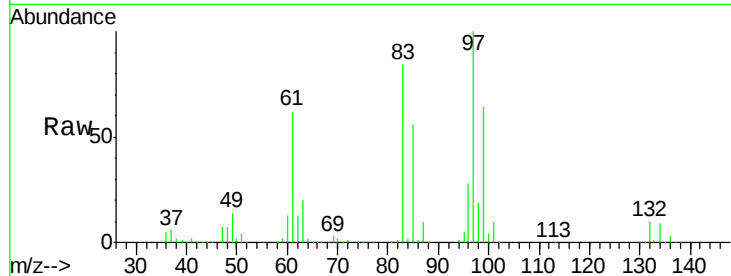




#55
 1,1,2-Trichloroethane
 Concen: 68.986 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

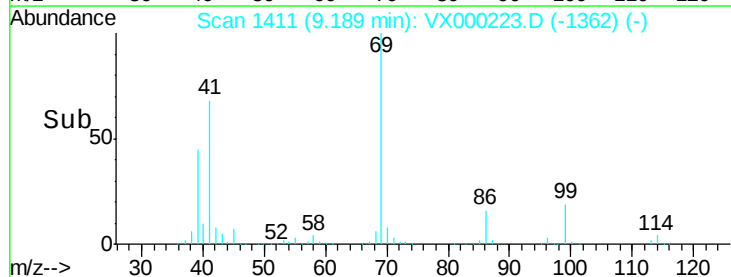
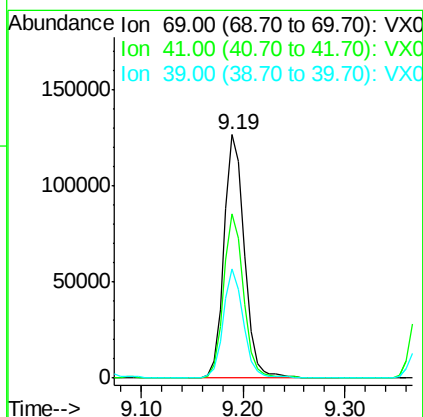
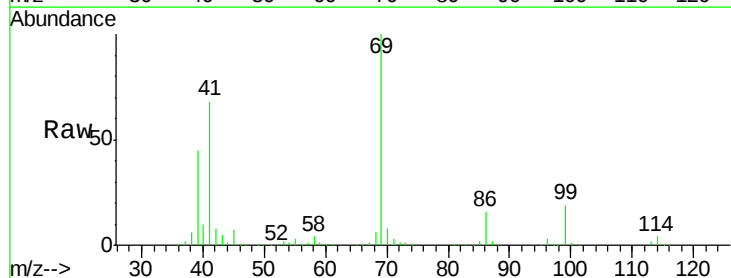
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

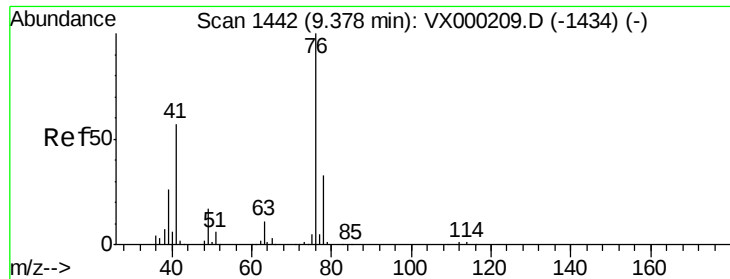
Tot Ion:	97	Resp:	109951
Ion	Ratio	Lower	Upper
97	100		
83	84.0	70.4	105.6
85	55.9	43.9	65.9
99	63.8	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 73.950 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:	69	Resp:	176389
Ion	Ratio	Lower	Upper
69	100		
41	66.2	52.2	78.2
39	43.6	34.3	51.5





#57

1,3-Dichloropropane

Concen: 67.175 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

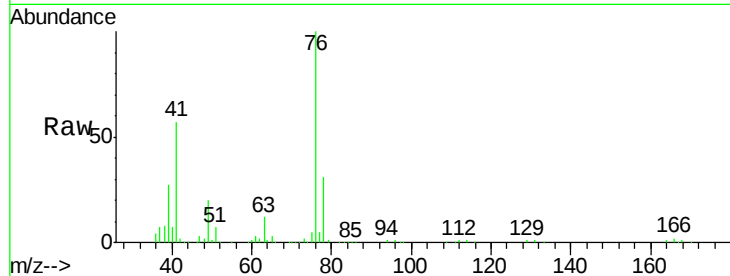
BFB

Tot Ion: 76 Resp: 179782

Ion Ratio Lower Upper

76 100

78 31.4 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

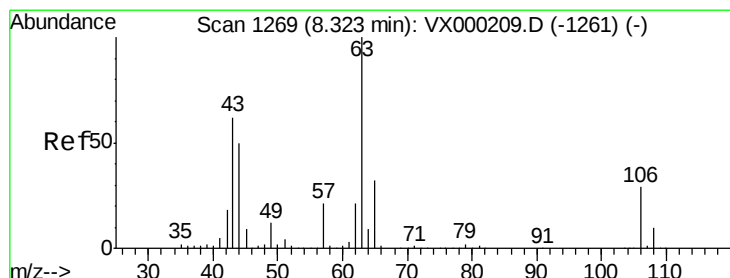
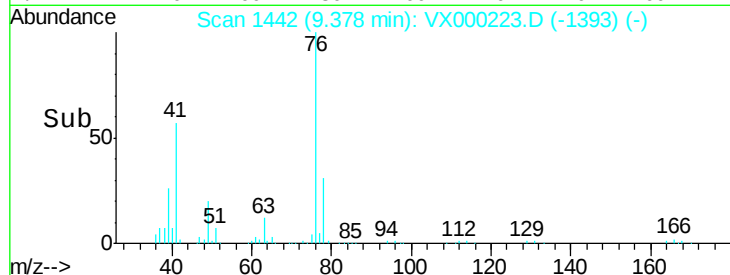
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 283.912 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000223.D

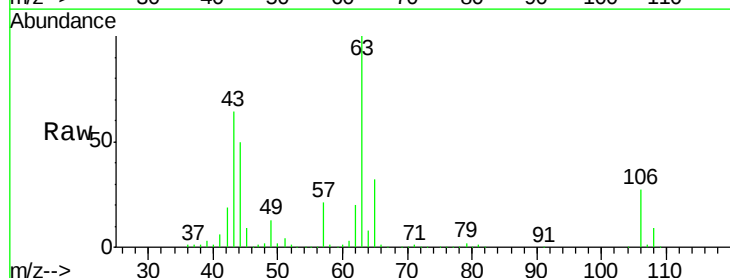
Acq: 08 Mar 2018 15:13

Tgt Ion: 63 Resp: 341898

Ion Ratio Lower Upper

63 100

106 28.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

250000

200000

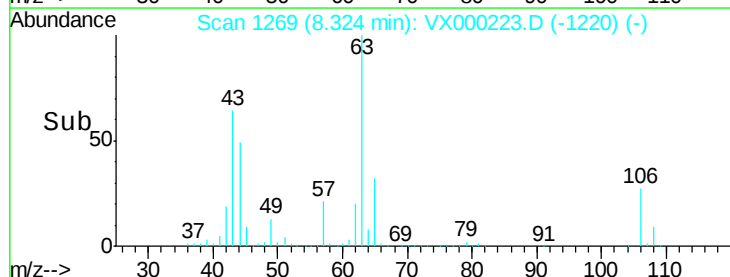
150000

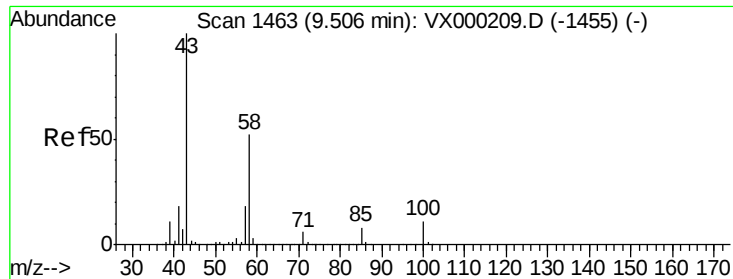
100000

50000

0

Time-->

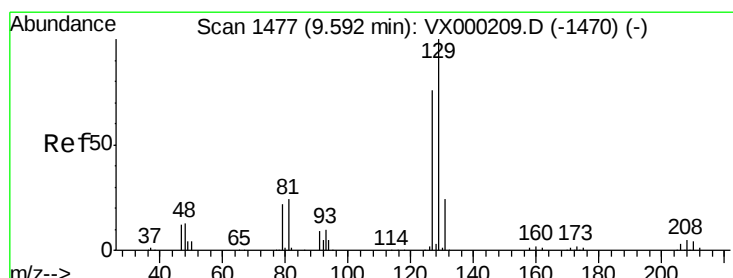
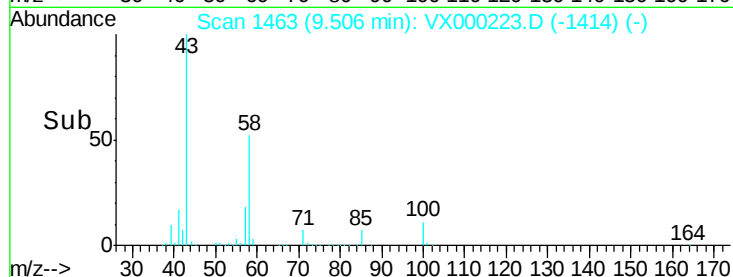
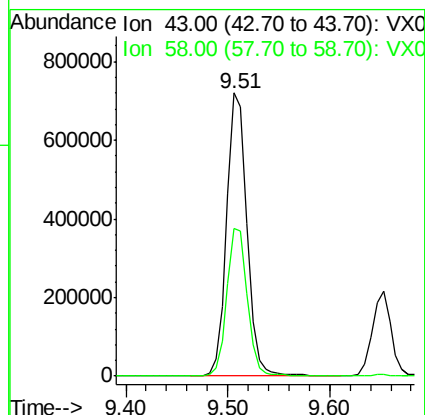
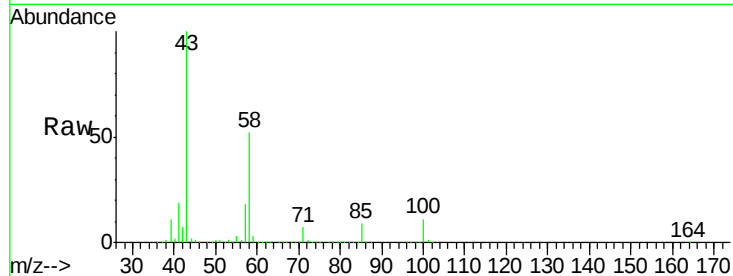




#59
2-Hexanone
Concen: 372.280 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

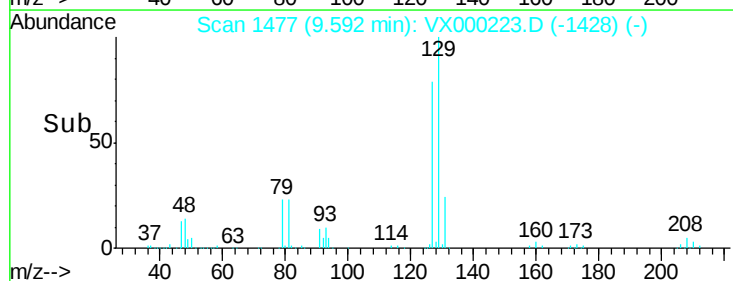
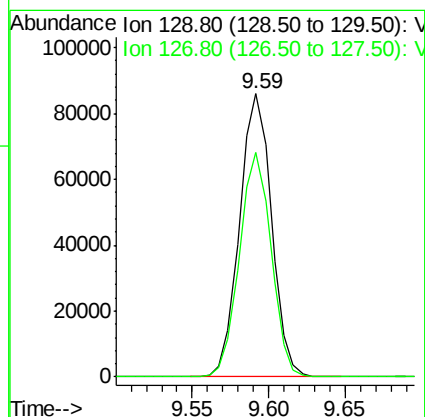
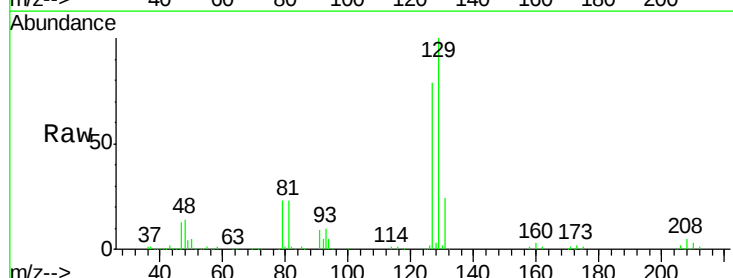
Instrument :
MSVOA_X
ClientSampled :
BFB

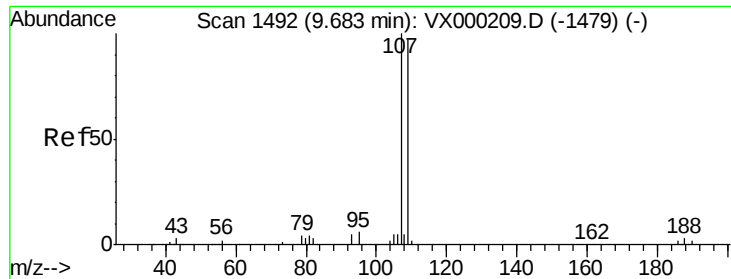
Tot Ion: 43 Resp: 996603
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7



#60
Dibromochloromethane
Concen: 74.200 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 129 Resp: 124693
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 69.818 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

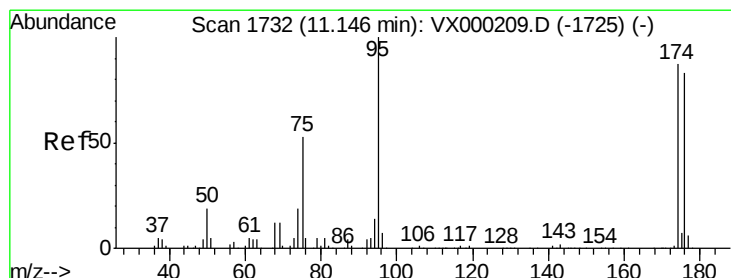
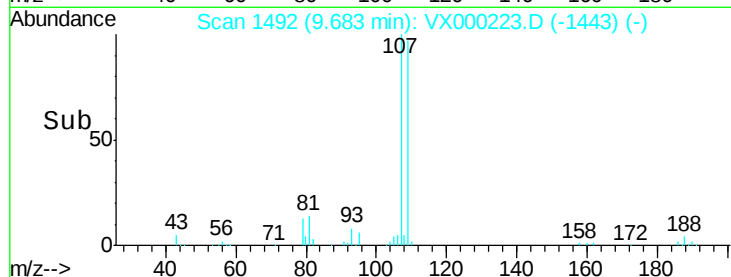
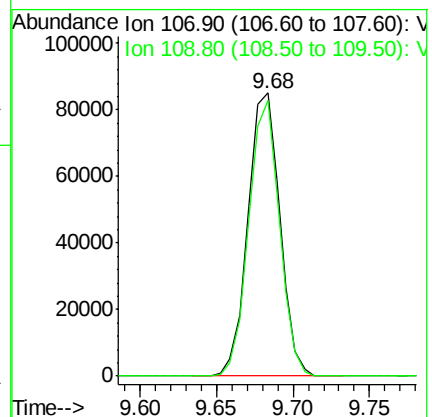
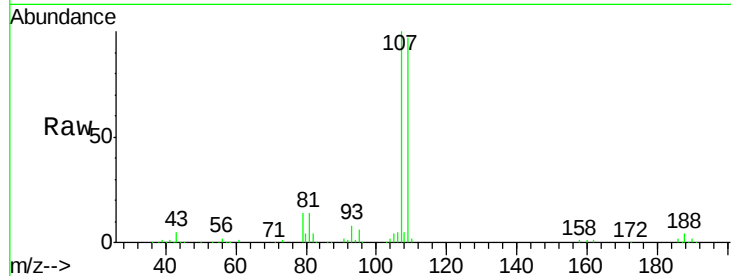
BFB

Tot Ion:107 Resp: 123571

Ion Ratio Lower Upper

107 100

109 94.0 76.8 115.2



#62

4-Bromofluorobenzene

Concen: 54.977 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

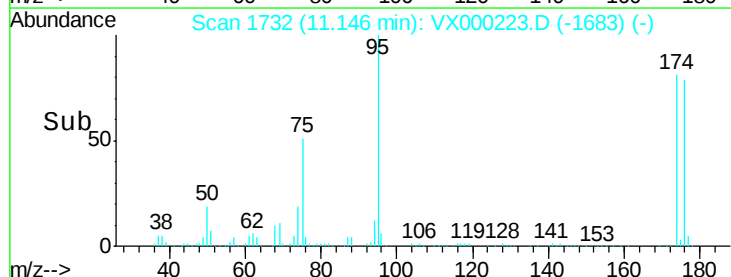
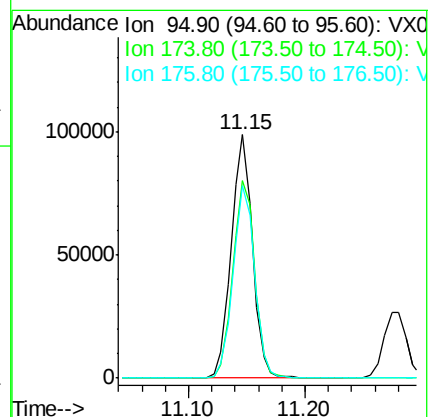
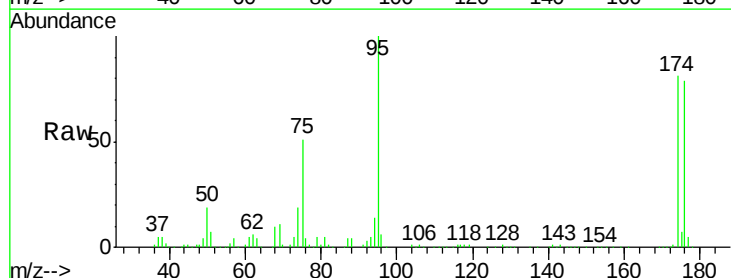
Tgt Ion: 95 Resp: 124900

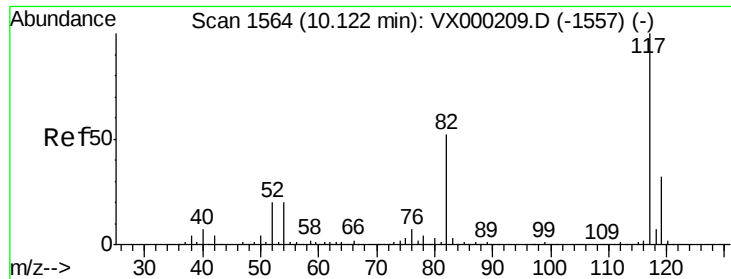
Ion Ratio Lower Upper

95 100

174 84.0 0.0 175.6

176 81.0 0.0 171.0

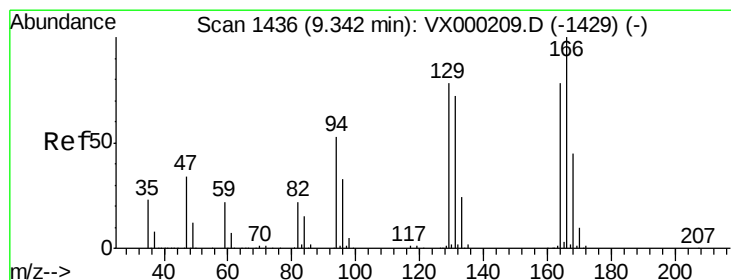
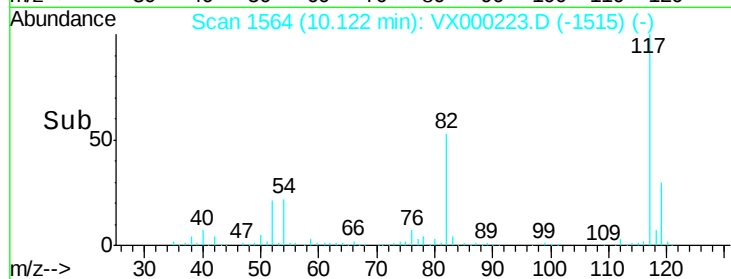
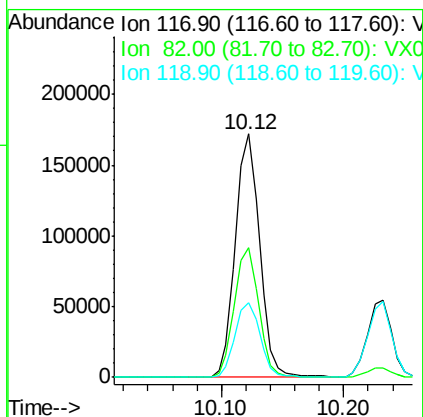
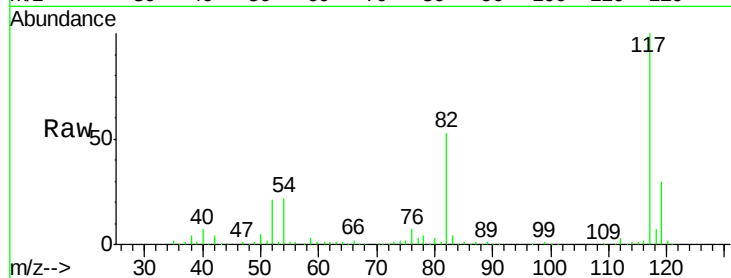




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

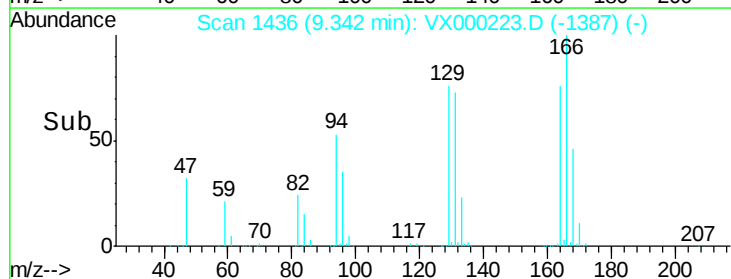
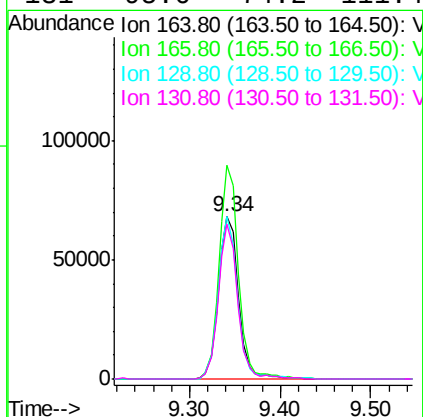
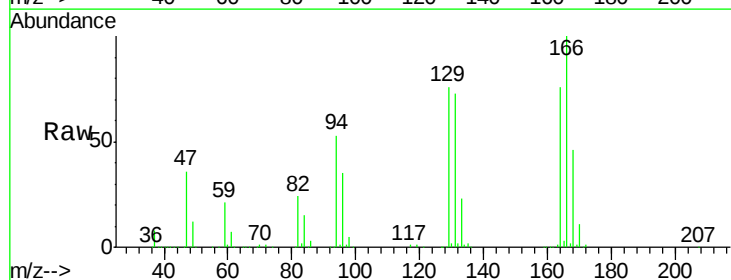
Instrument :
MSVOA_X
ClientSampled :
BFB

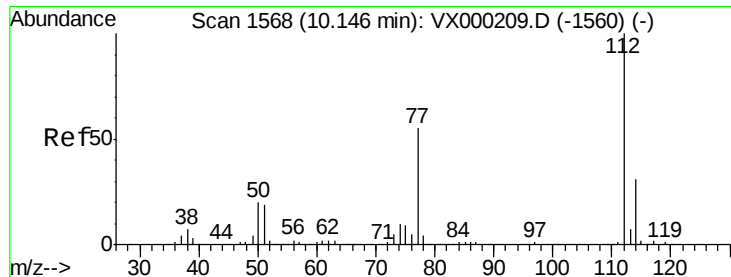
Tot Ion:117 Resp: 236561
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 30.4 25.3 37.9



#64
Tetrachloroethene
Concen: 63.782 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:164 Resp: 105569
Ion Ratio Lower Upper
164 100
166 131.5 103.0 154.6
129 100.3 80.2 120.4
131 95.6 74.2 111.4

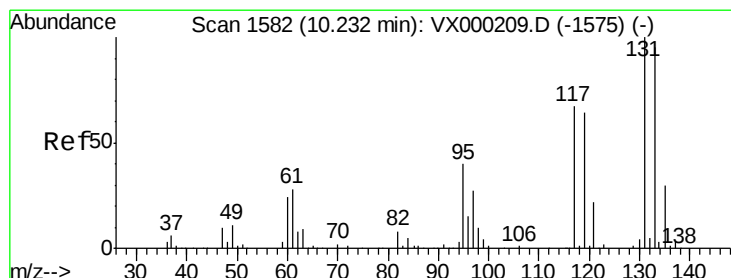
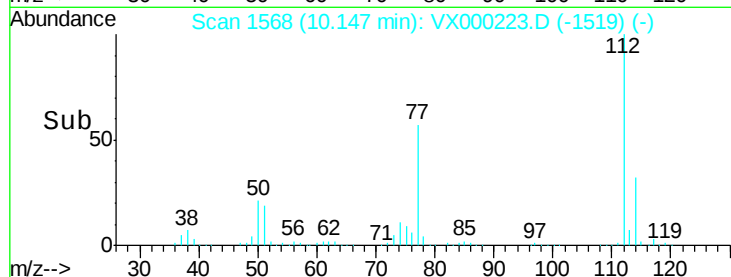
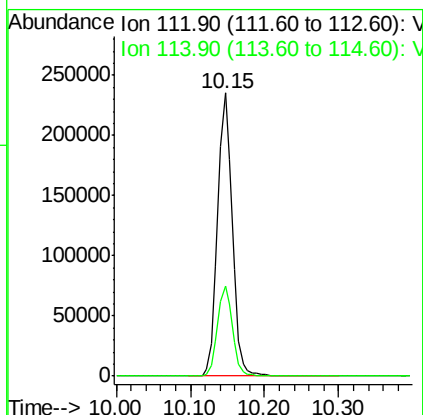
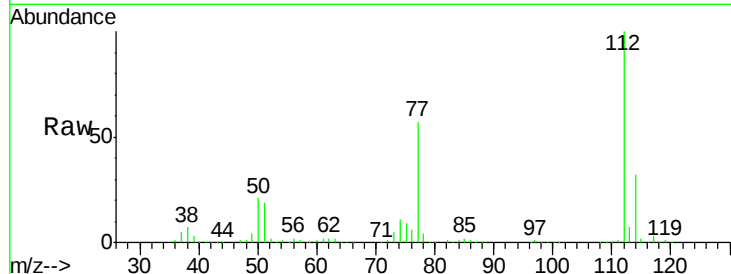




#65
Chlorobenzene
Concen: 67.039 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

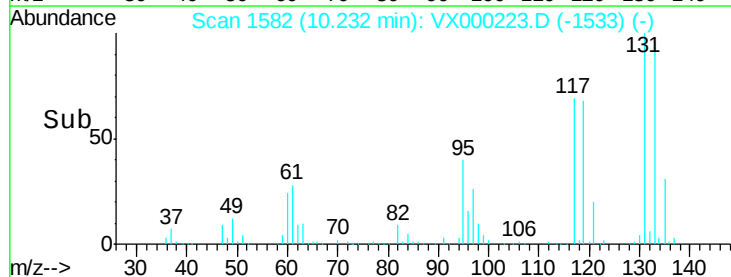
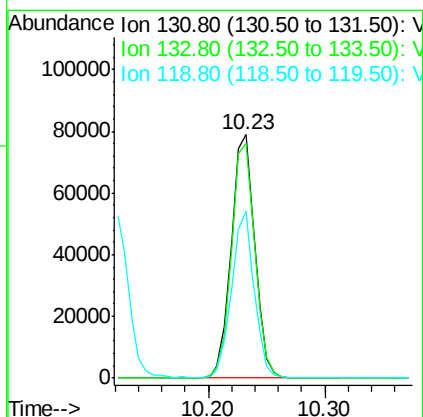
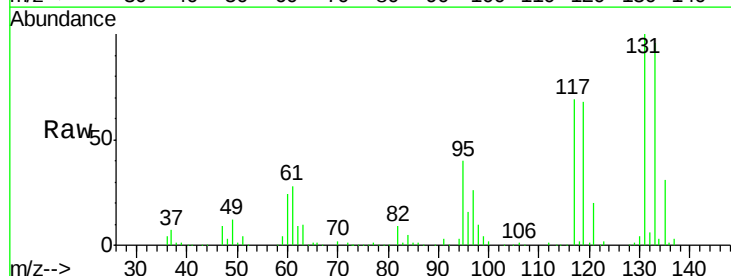
Instrument :
MSVOA_X
ClientSampled :
BFB

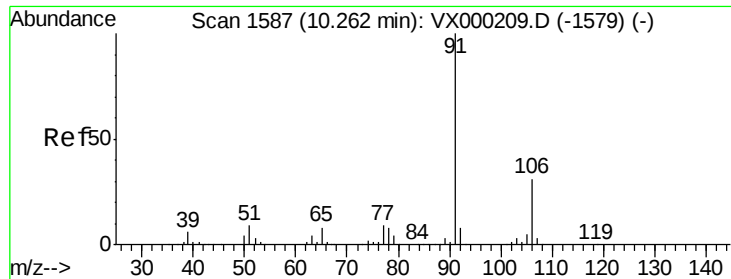
Tot Ion:112 Resp: 320262
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 68.072 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:131 Resp: 111183
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 66.0 32.3 96.8

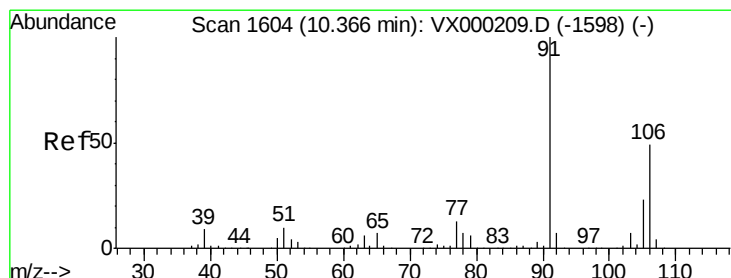
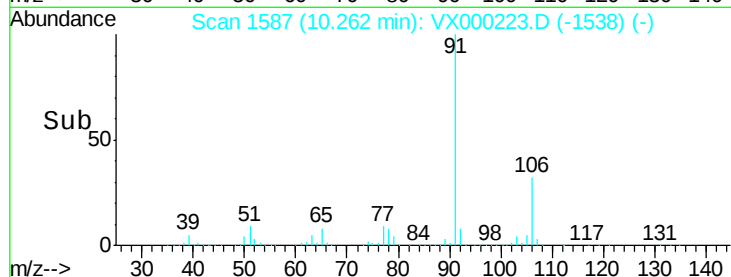
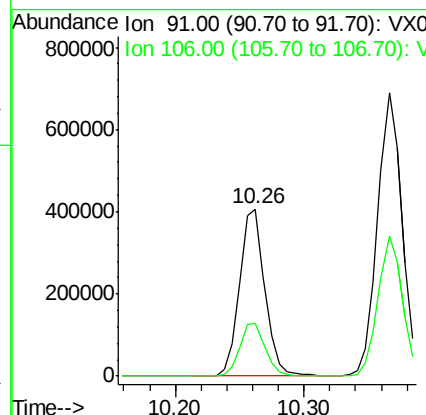
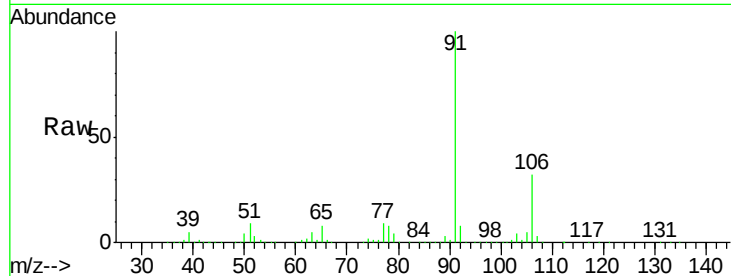




#67
Ethyl Benzene
Concen: 66.960 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

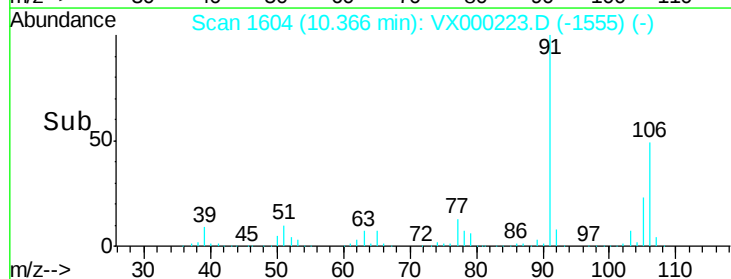
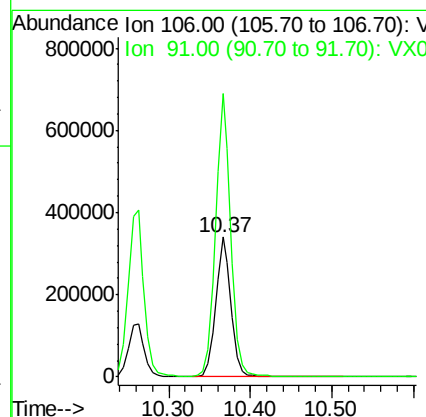
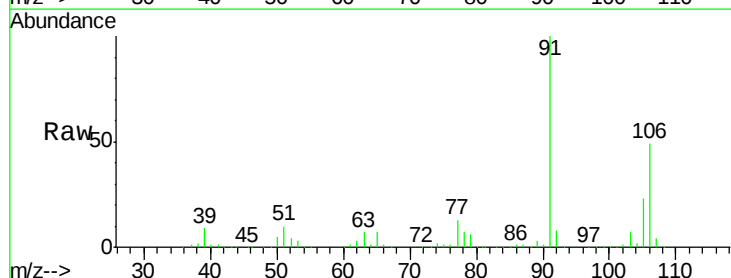
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 91 Resp: 558308
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 140.260 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 106 Resp: 450091
Ion Ratio Lower Upper
106 100
91 202.3 160.9 241.3

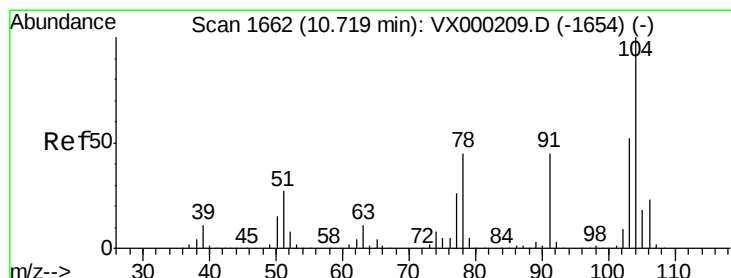
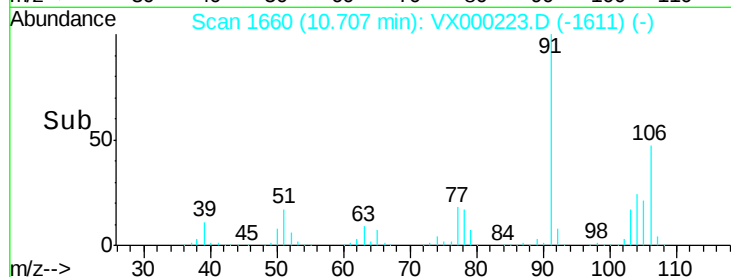
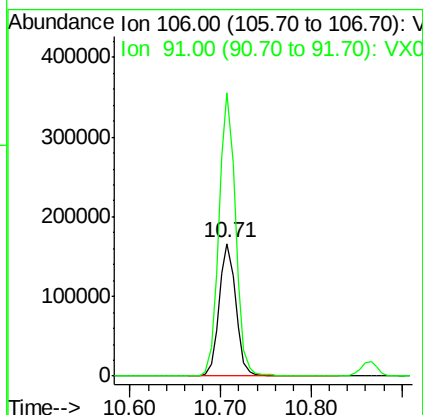
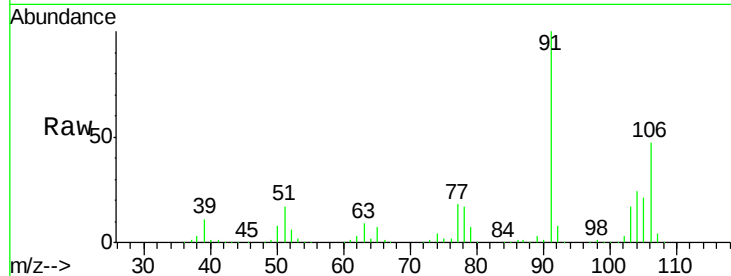




#69
o-Xylene
Concen: 69.952 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

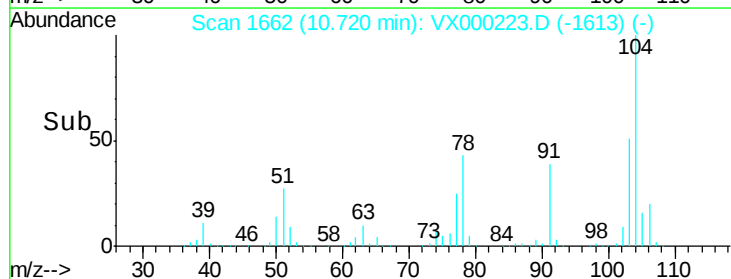
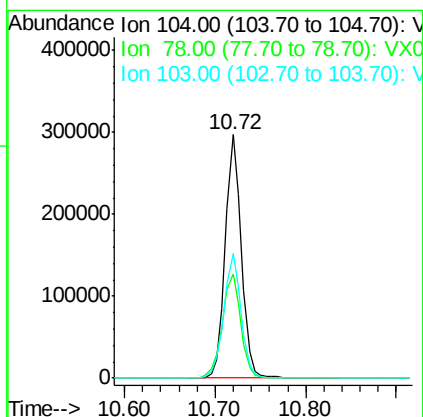
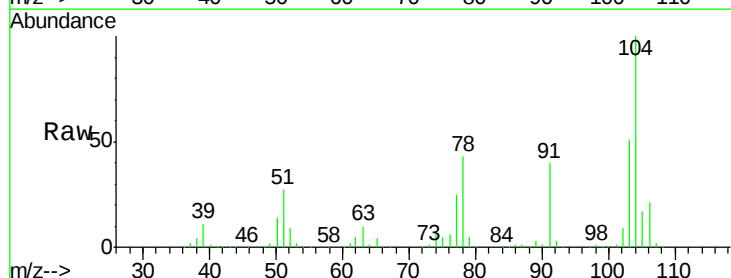
Instrument :
MSVOA_X
ClientSampled :
BFB

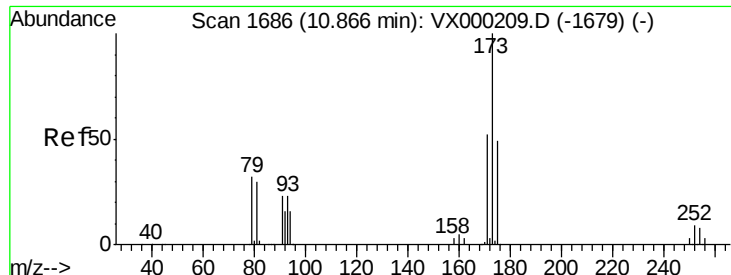
Tot Ion:106 Resp: 215748
Ion Ratio Lower Upper
106 100
91 211.6 105.9 317.7



#70
Styrene
Concen: 71.712 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:104 Resp: 366908
Ion Ratio Lower Upper
104 100
78 49.4 39.6 59.4
103 55.5 45.0 67.6





#71

Bromoform

Concen: 59.440 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

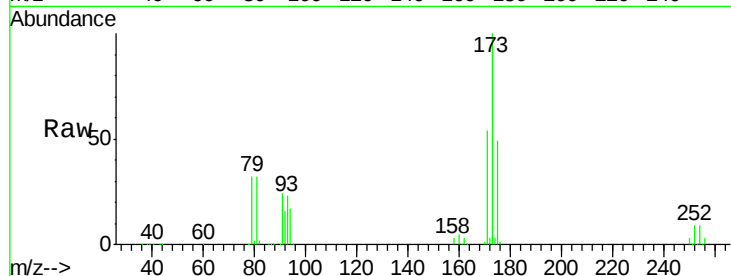
Tot Ion:173 Resp: 100193

Ion Ratio Lower Upper

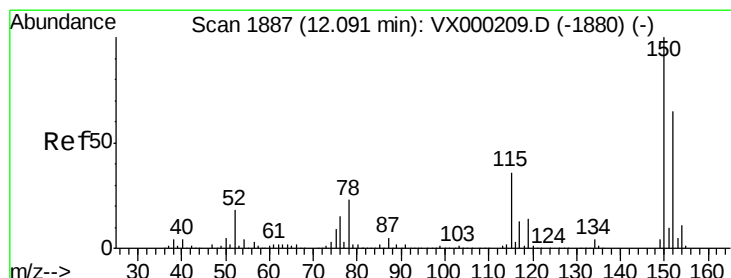
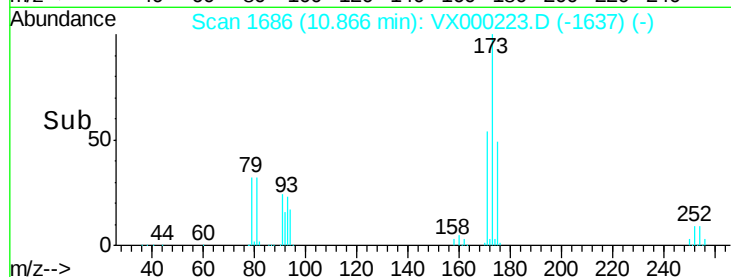
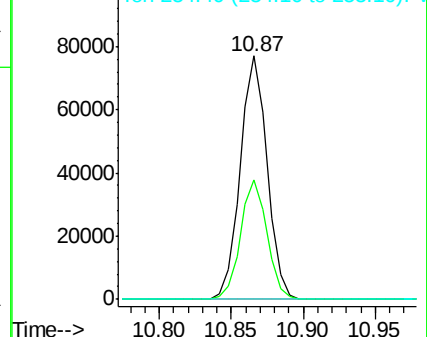
173 100

175 48.2 24.4 73.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

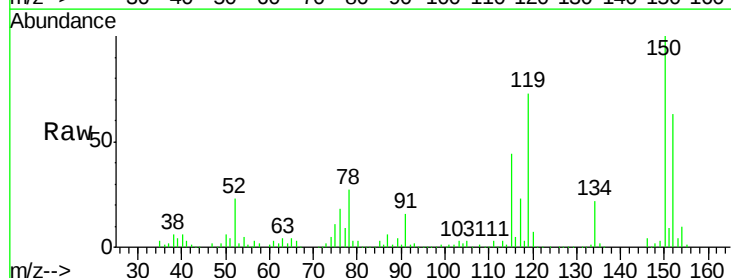
Tgt Ion:152 Resp: 148403

Ion Ratio Lower Upper

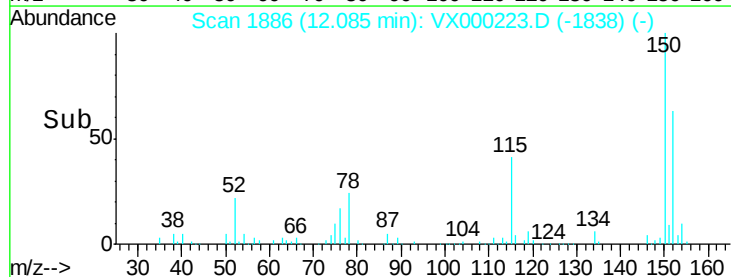
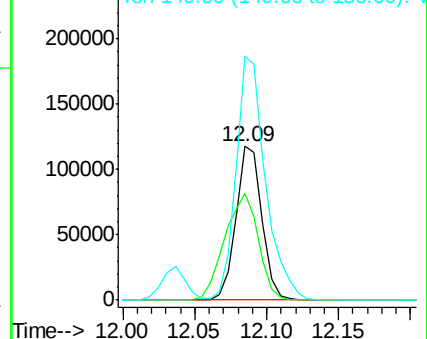
152 100

115 89.6 39.8 119.3

150 179.8 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 63.751 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

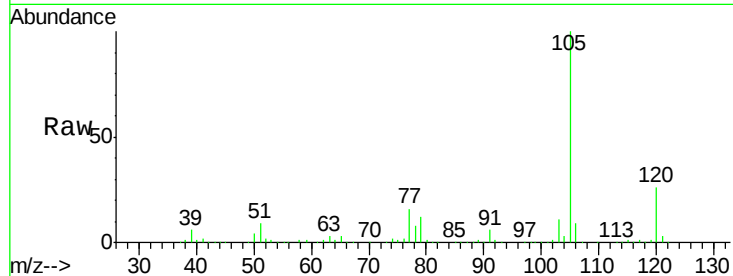
BFB

Tot Ion:105 Resp: 592342

Ion Ratio Lower Upper

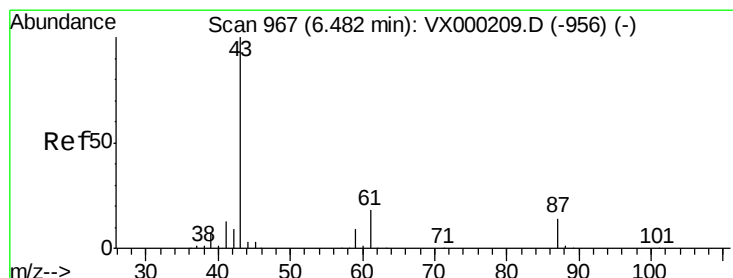
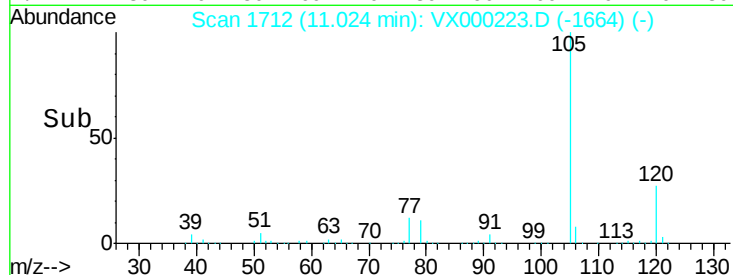
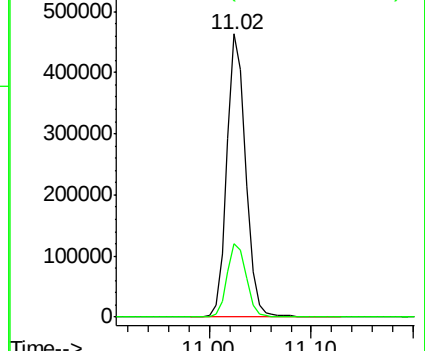
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.916 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 275315

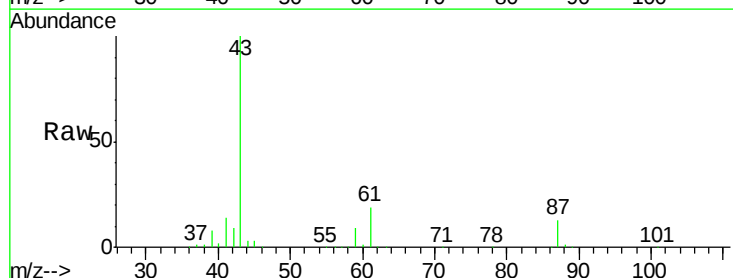
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.7 14.8 22.2

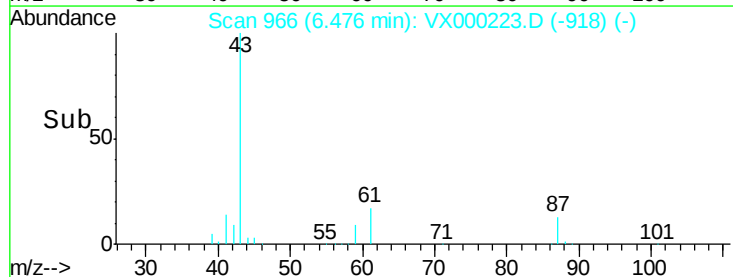
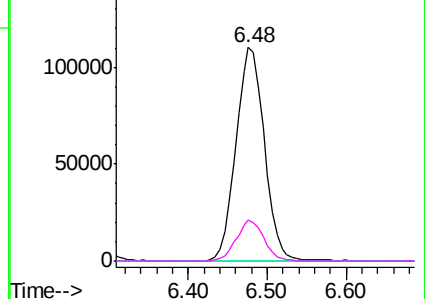


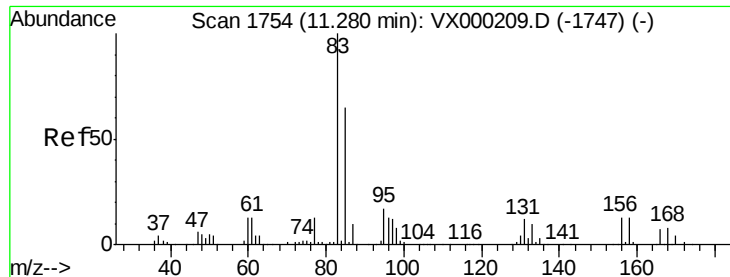
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 64.376 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

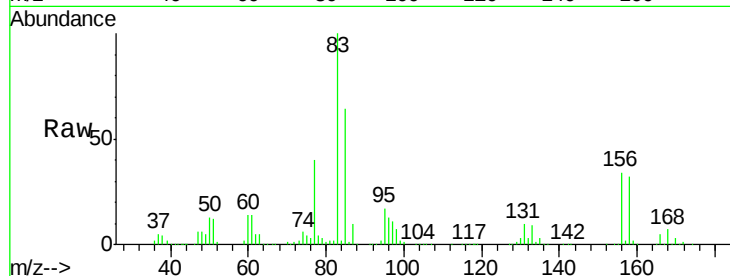
Tot Ion: 83 Resp: 209692

Ion Ratio Lower Upper

83 100

131 10.0 5.5 16.5

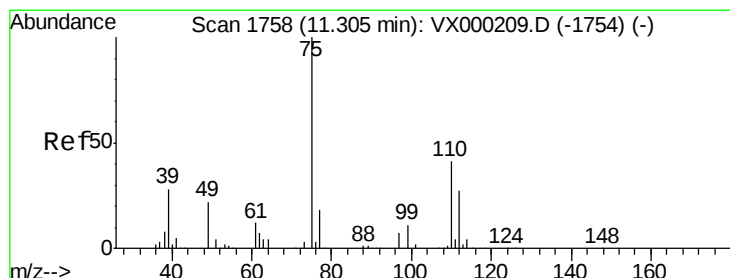
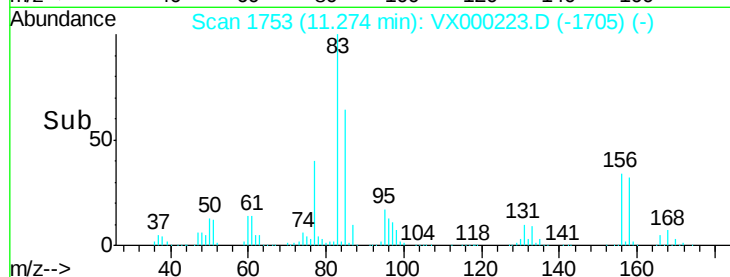
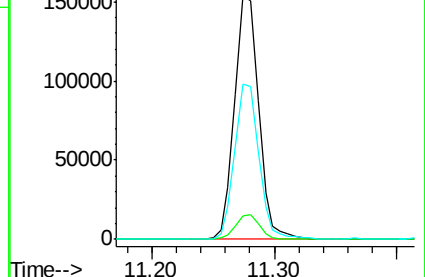
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 83.904 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000223.D

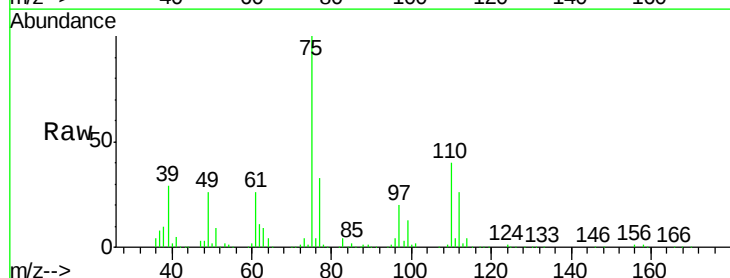
Acq: 08 Mar 2018 15:13

Tgt Ion: 75 Resp: 249599

Ion Ratio Lower Upper

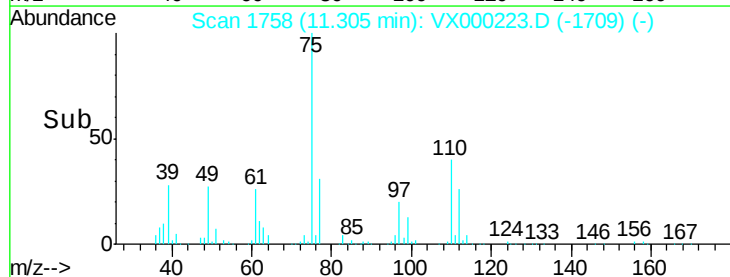
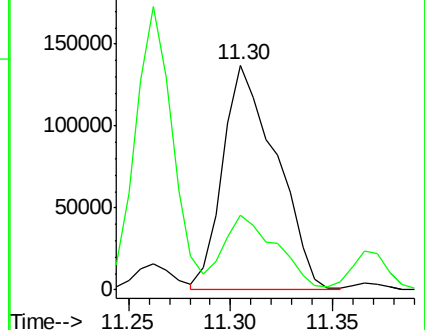
75 100

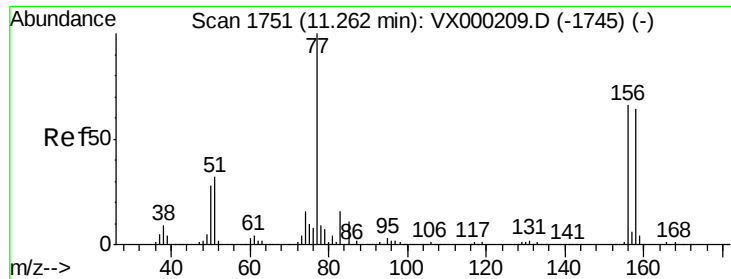
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 61.274 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

BFB

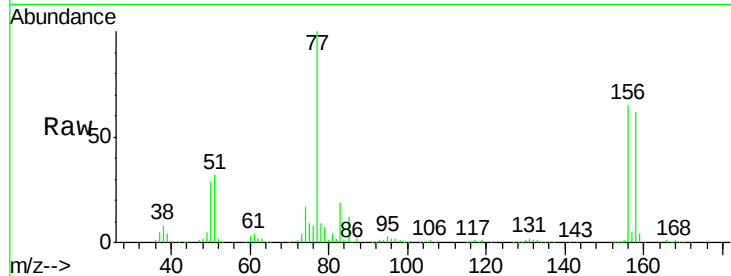
Tot Ion:156 Resp: 147189

Ion Ratio Lower Upper

156 100

77 148.5 71.9 215.7

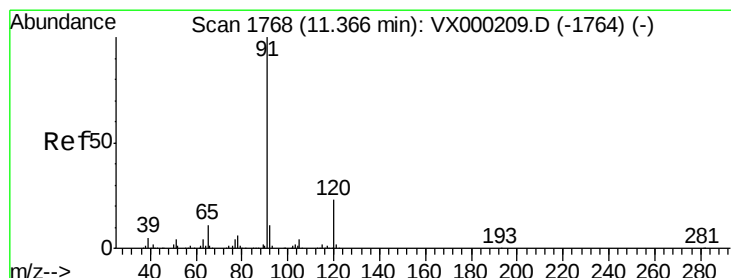
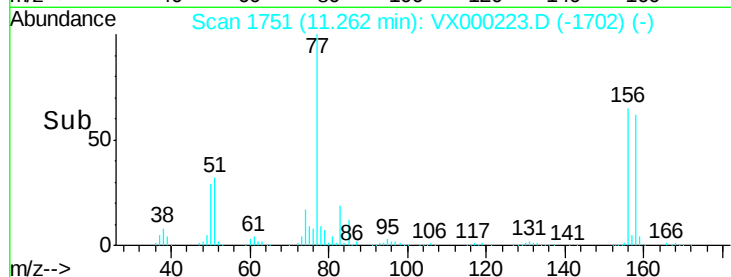
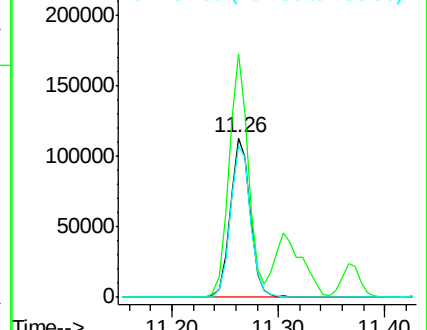
158 96.6 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 64.828 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000223.D

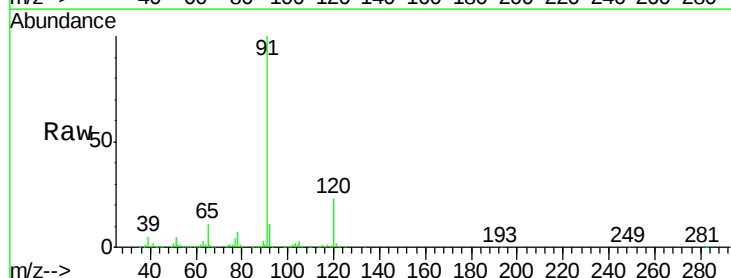
Acq: 08 Mar 2018 15:13

Tgt Ion: 91 Resp: 708889

Ion Ratio Lower Upper

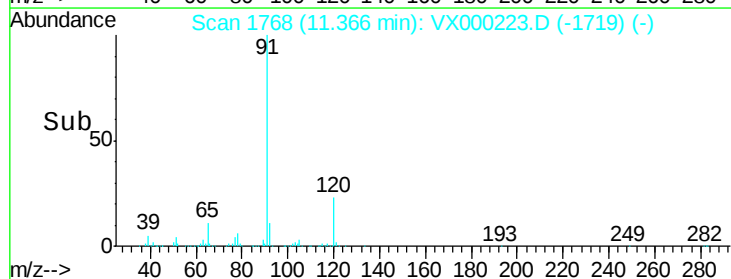
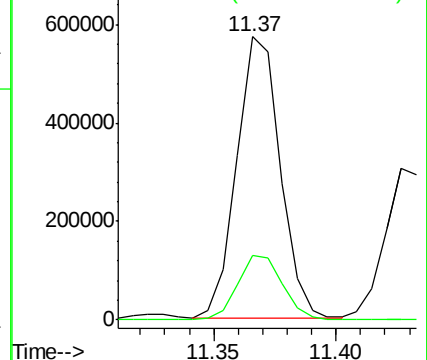
91 100

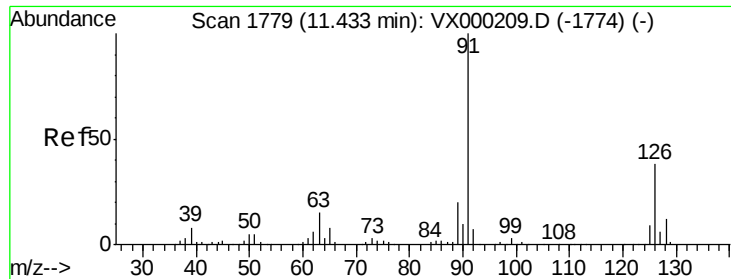
120 23.6 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 64.010 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

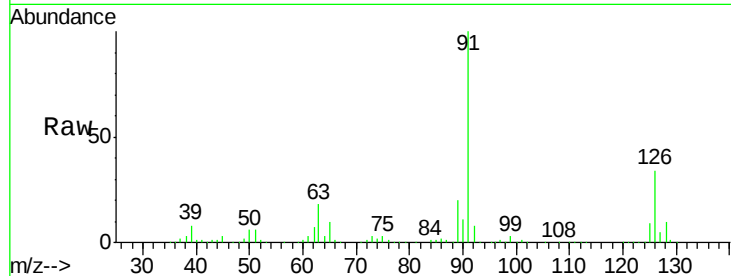
BFB

Tot Ion: 91 Resp: 394861

Ion Ratio Lower Upper

91 100

126 36.1 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)

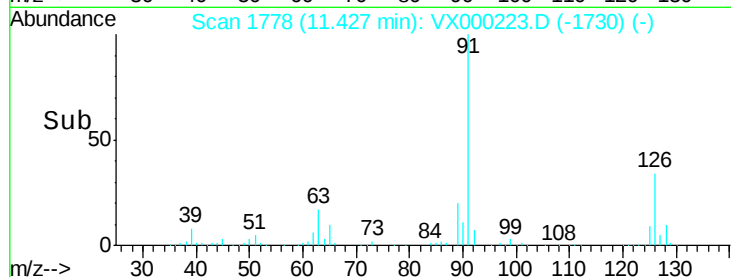
600000

400000

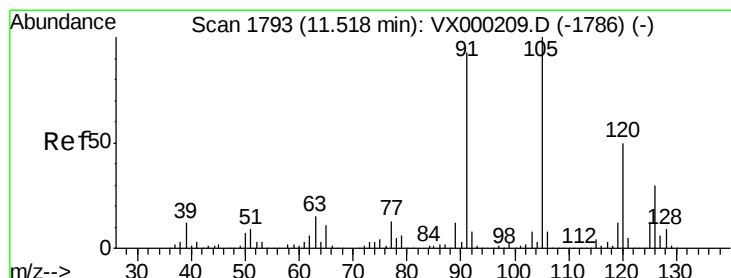
200000

0

11.40 11.45 11.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 67.114 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000223.D

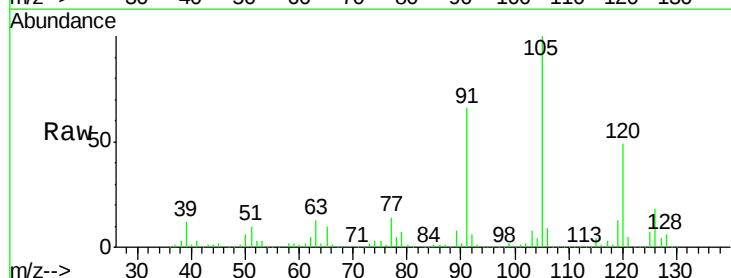
Acq: 08 Mar 2018 15:13

Tgt Ion: 105 Resp: 520620

Ion Ratio Lower Upper

105 100

120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)

400000

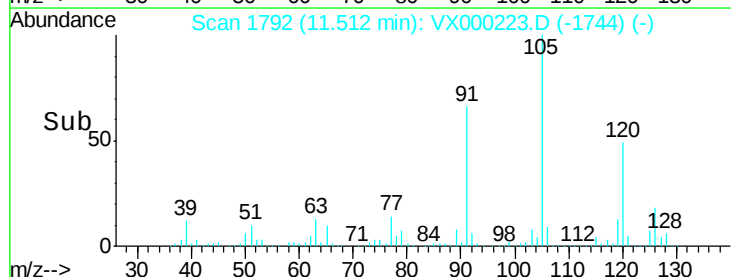
300000

200000

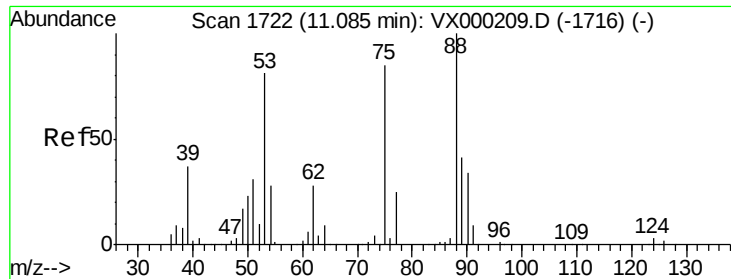
100000

0

11.50 11.55 11.60



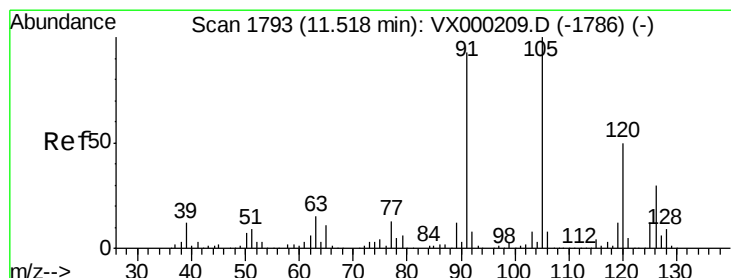
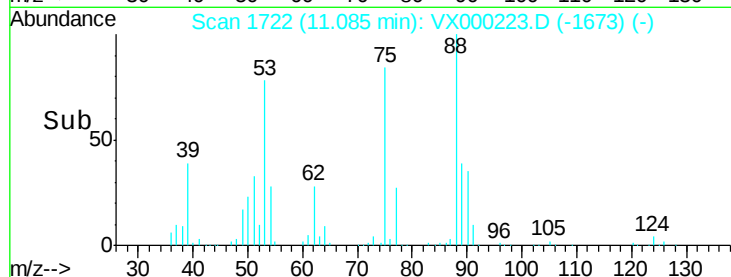
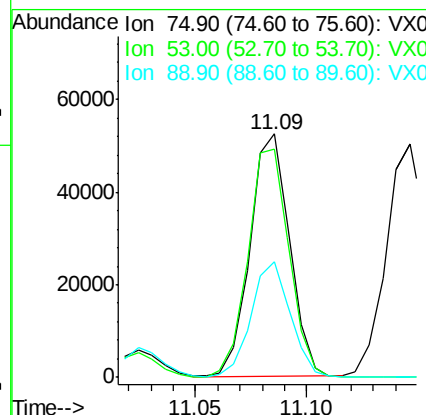
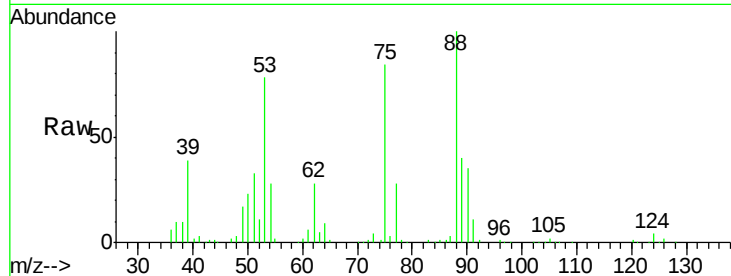
Time-->



#81
trans-1,4-Dichloro-2-butene
Concen: 66.735 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

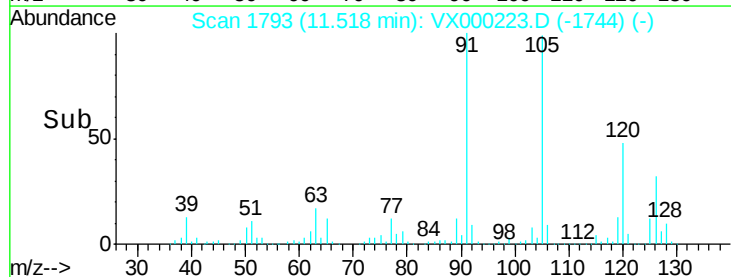
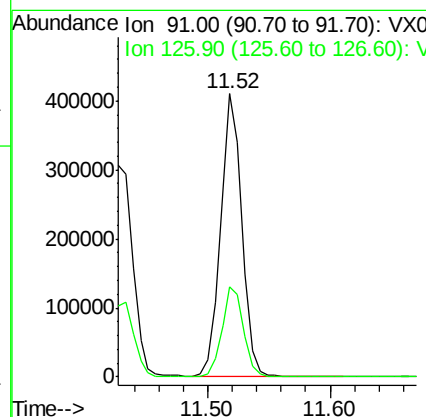
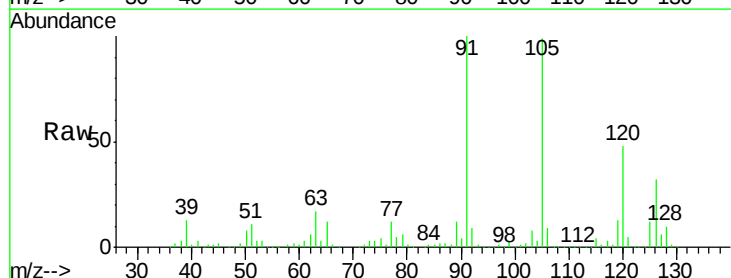
Instrument :
MSVOA_X
ClientSampleId :
BFB

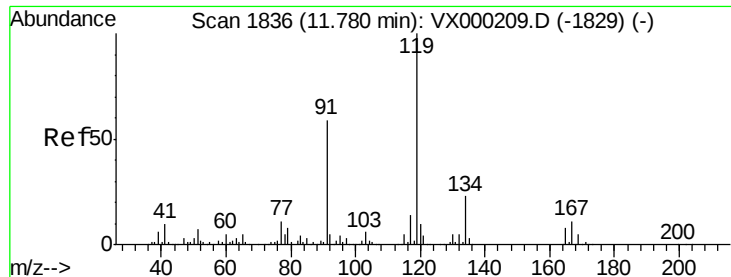
Tot Ion: 75 Resp: 64831
Ion Ratio Lower Upper
75 100
53 98.8 78.6 118.0
89 47.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 66.701 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 91 Resp: 500262
Ion Ratio Lower Upper
91 100
126 32.0 16.0 48.0

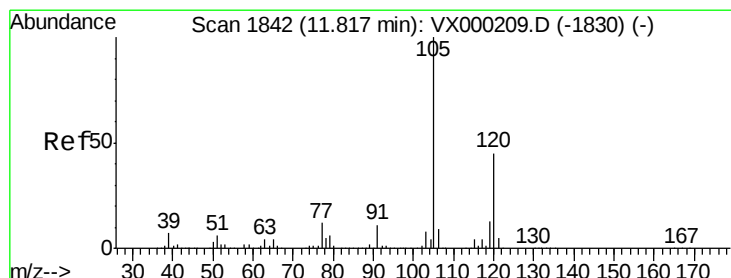
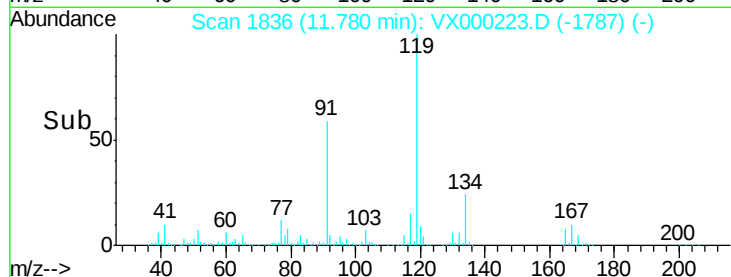
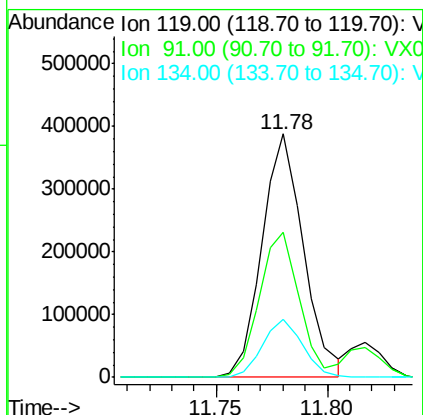
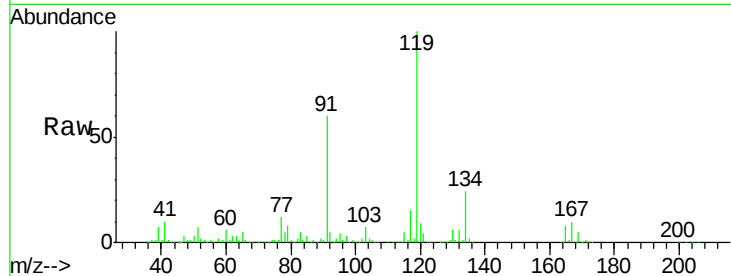




#83
tert-Butylbenzene
Concen: 66.582 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

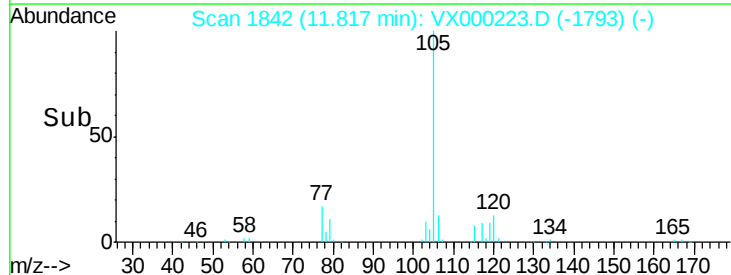
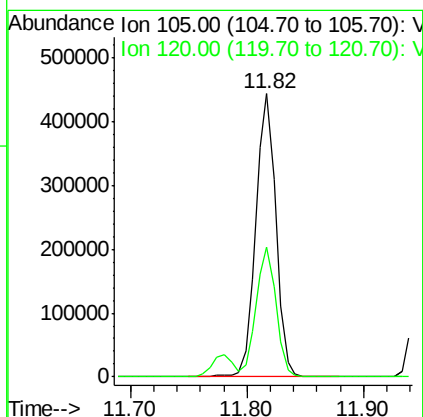
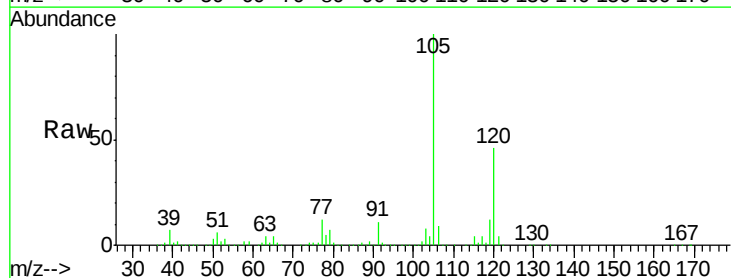
Instrument :
MSVOA_X
ClientSampled :
BFB

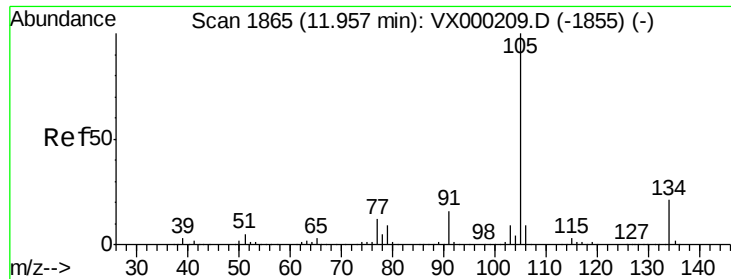
Tot Ion:119 Resp: 502587
Ion Ratio Lower Upper
119 100
91 57.2 28.9 86.7
134 23.3 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 67.128 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:105 Resp: 535503
Ion Ratio Lower Upper
105 100
120 45.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 67.335 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

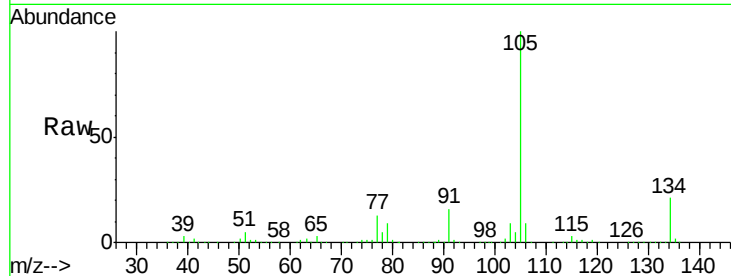
BFB

Tot Ion:105 Resp: 642911

Ion Ratio Lower Upper

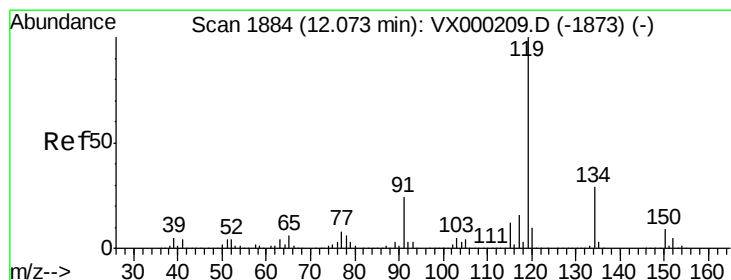
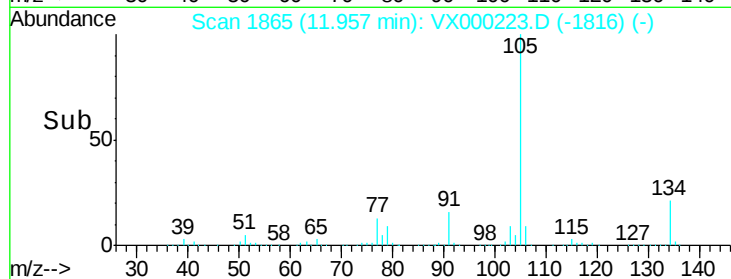
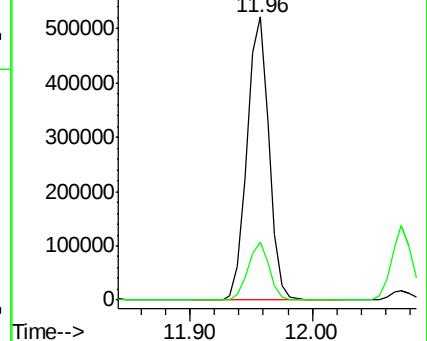
105 100

134 20.2 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 69.799 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

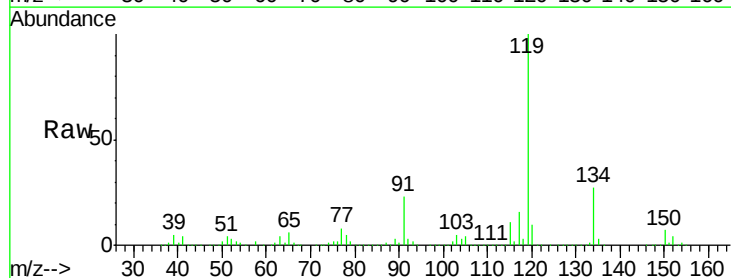
Tgt Ion:119 Resp: 587670

Ion Ratio Lower Upper

119 100

134 27.3 13.8 41.3

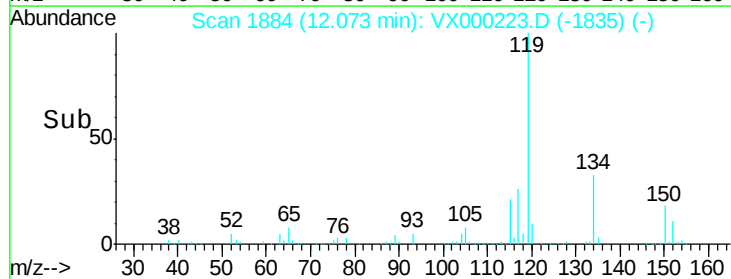
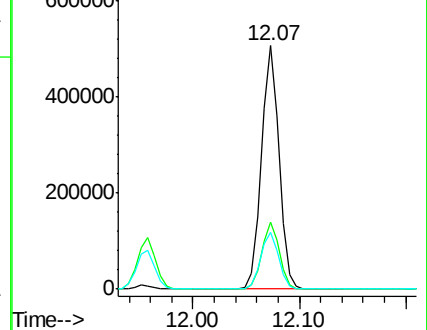
91 24.0 12.0 36.0

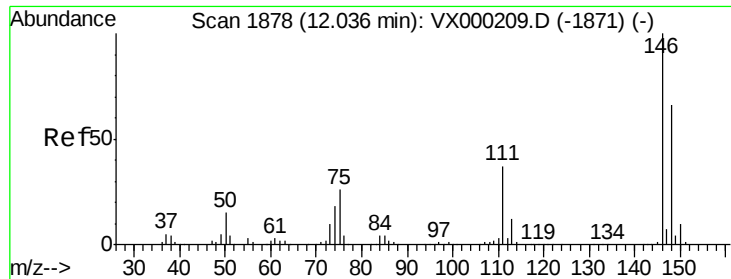


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

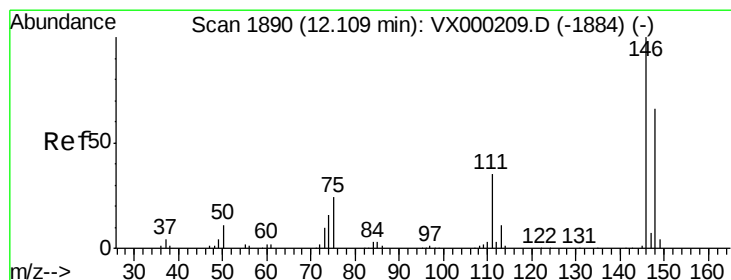
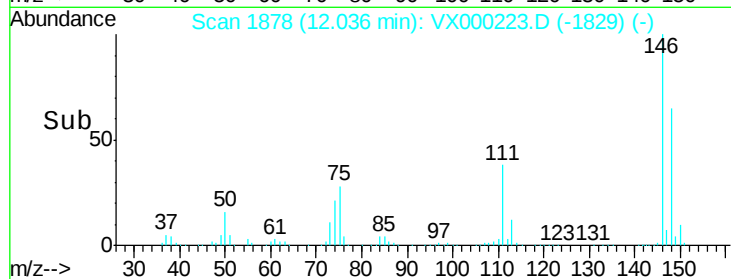
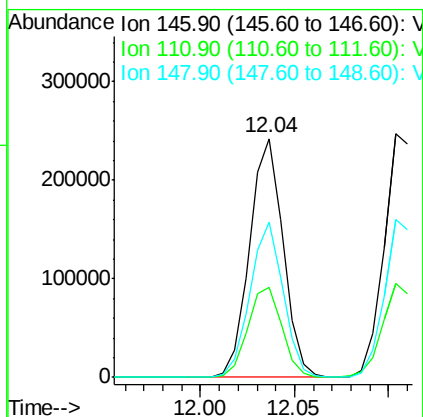
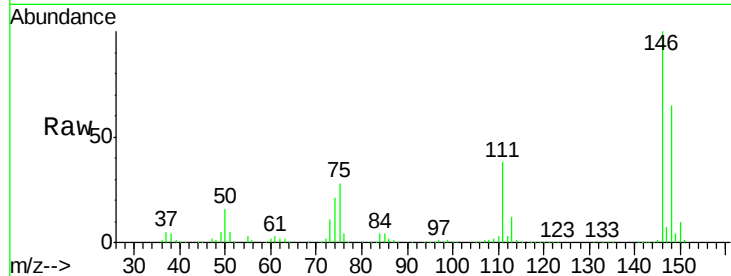




#87
 1,3-Dichlorobenzene
 Concen: 65.531 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

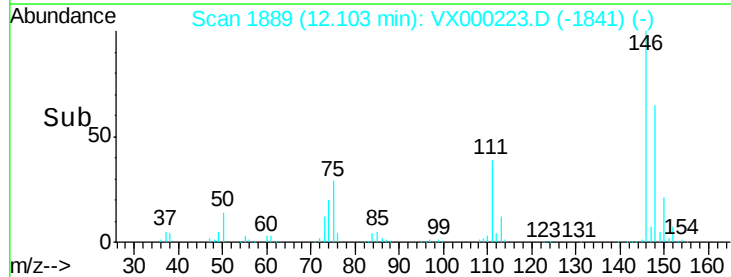
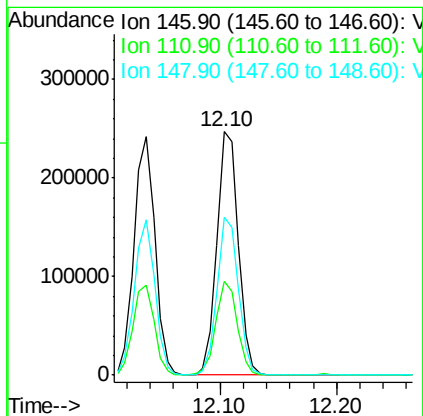
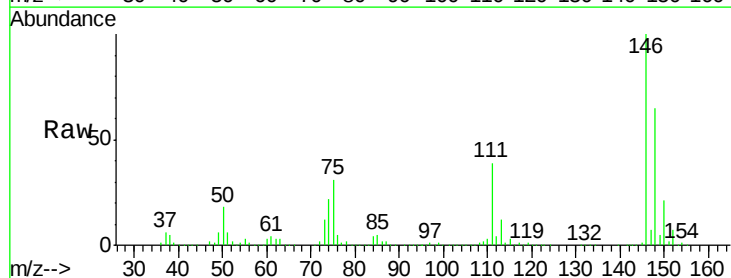
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

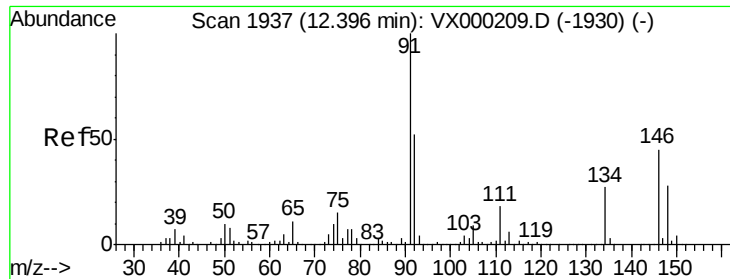
Tot Ion:146 Resp: 299293
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.0 57.0
 148 64.1 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 65.253 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:146 Resp: 312331
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.9 56.9
 148 64.1 32.6 97.8





#89

n-Butylbenzene

Concen: 69.691 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

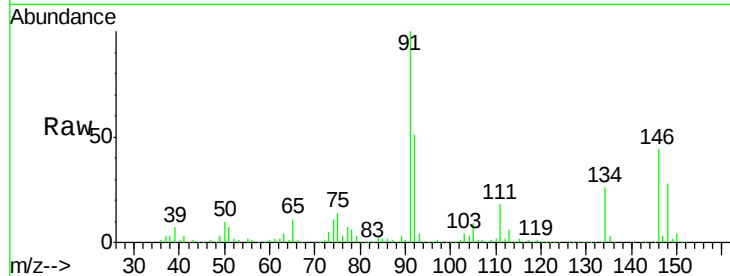
Tot Ion: 91 Resp: 565118

Ion Ratio Lower Upper

91 100

92 51.3 25.8 77.4

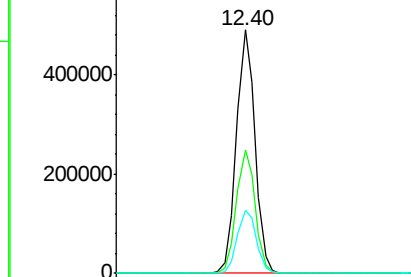
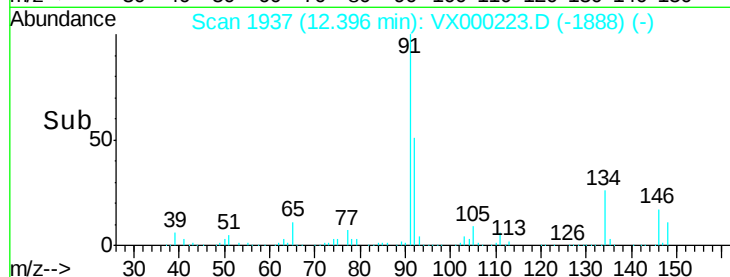
134 26.8 13.5 40.5



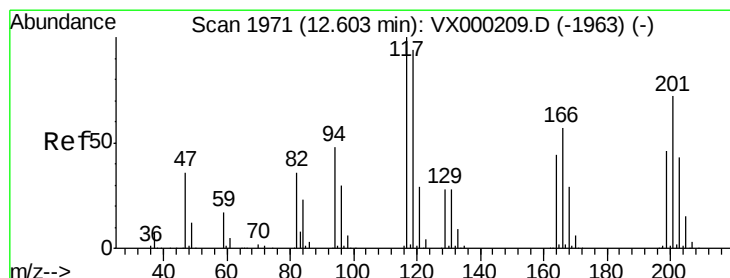
Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)



Time-->



#90

Hexachloroethane

Concen: 65.868 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000223.D

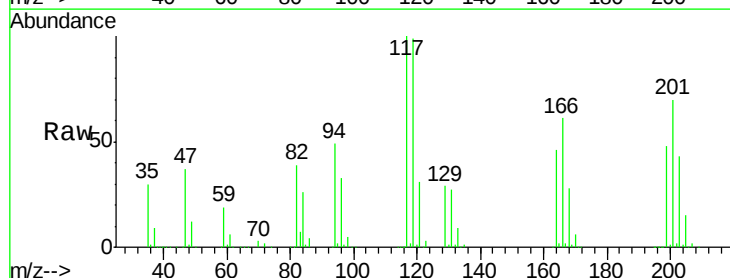
Acq: 08 Mar 2018 15:13

Tgt Ion: 117 Resp: 89352

Ion Ratio Lower Upper

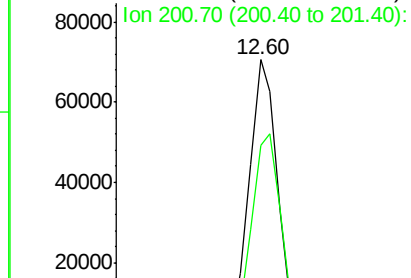
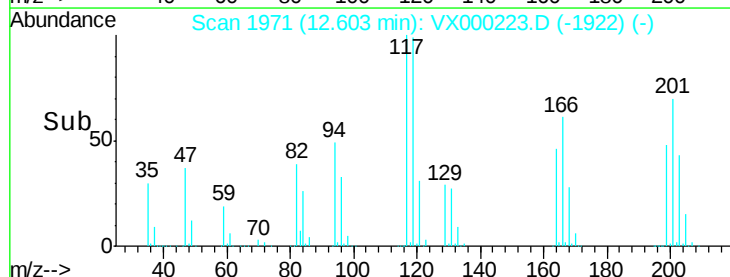
117 100

201 76.7 38.2 114.6

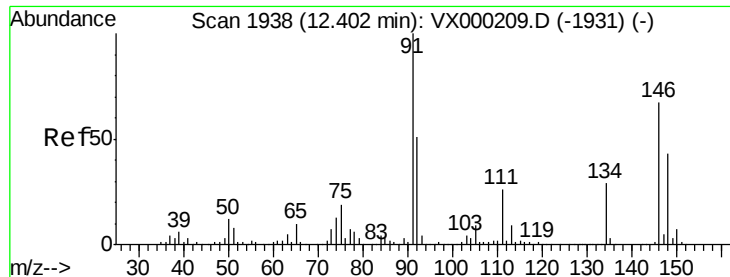


Abundance Ion 116.80 (116.50 to 117.50): VX000209.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000209.D (-1963) (-)



Time-->



#91

1,2-Dichlorobenzene

Concen: 65.864 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

BFB

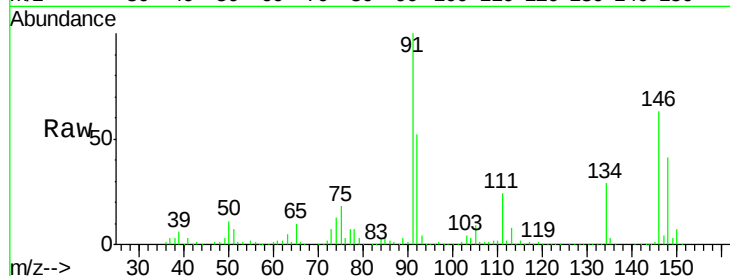
Tot Ion:146 Resp: 297824

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

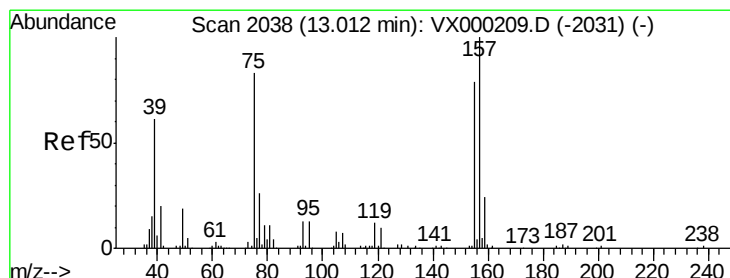
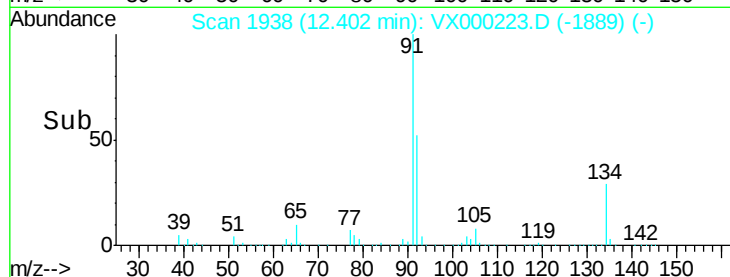
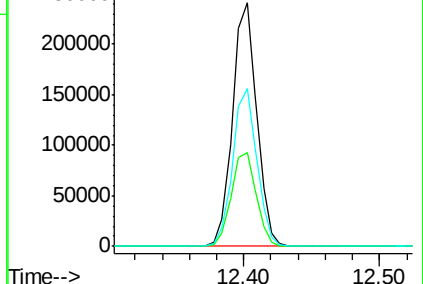
148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 64.545 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

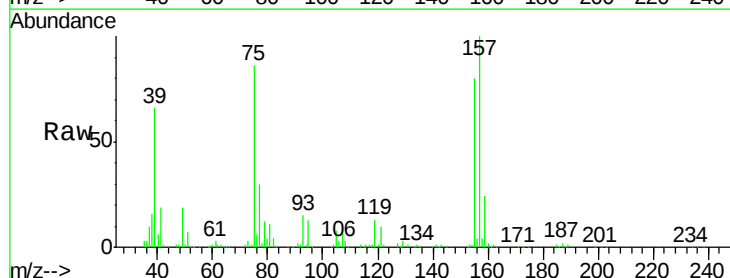
Tgt Ion: 75 Resp: 59043

Ion Ratio Lower Upper

75 100

155 88.6 45.5 136.5

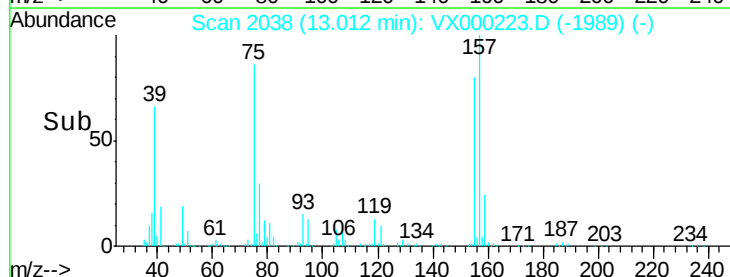
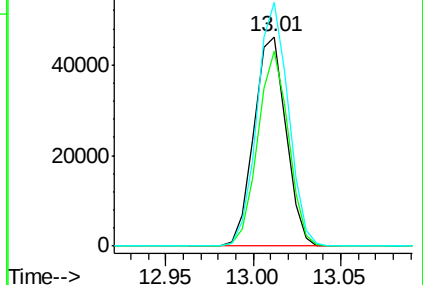
157 113.5 58.6 175.8

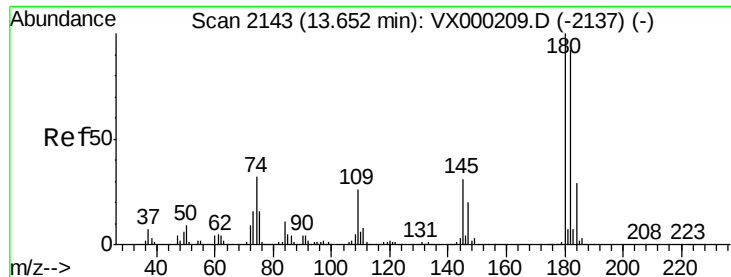


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

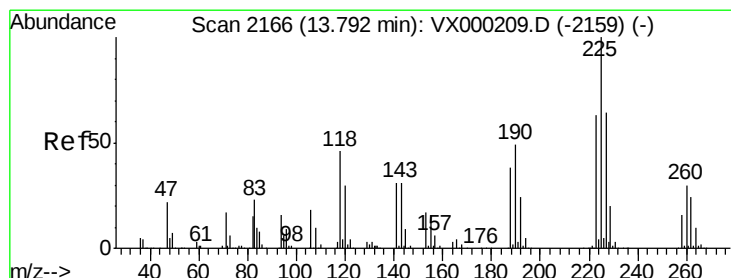
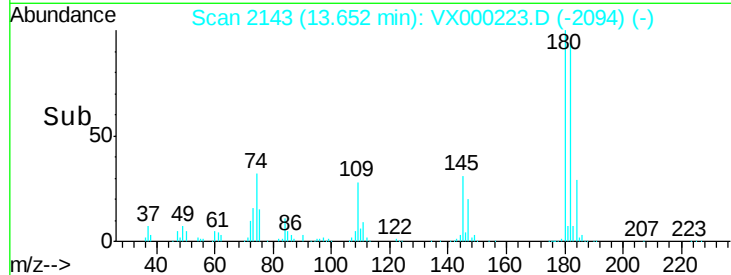
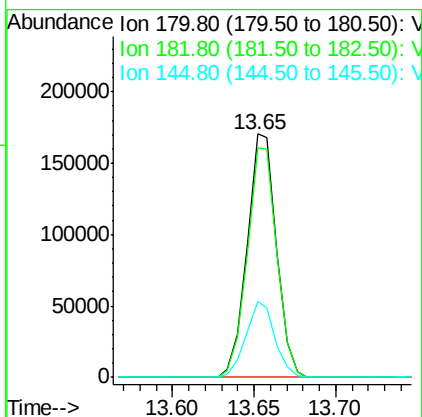
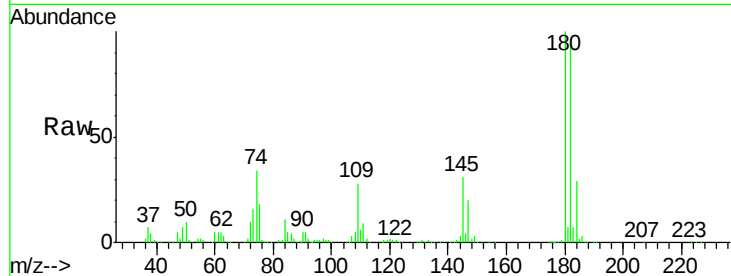




#93
 1,2,4-Trichlorobenzene
 Concen: 65.061 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

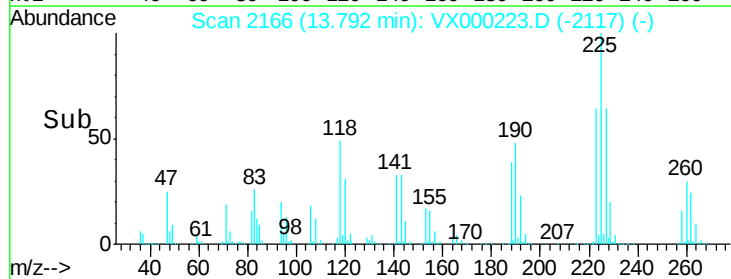
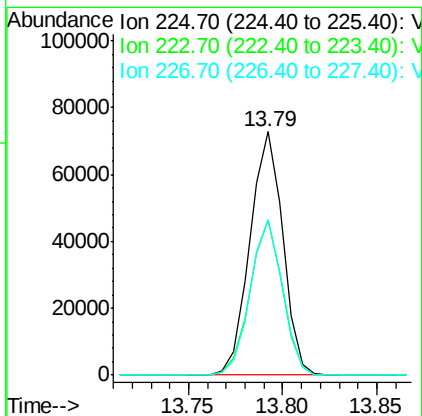
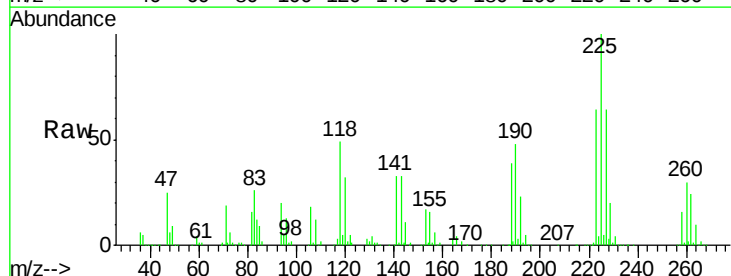
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

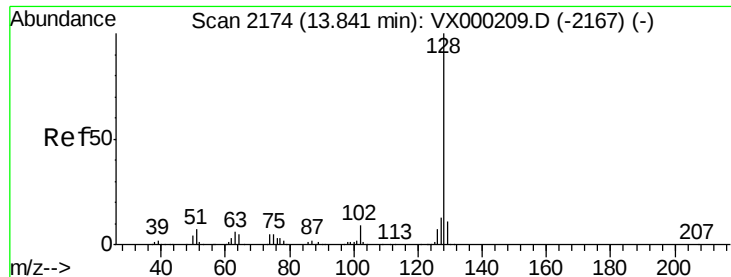
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.0	141.0
145	30.5	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 64.338 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.8	95.3
227	62.8	31.9	95.5

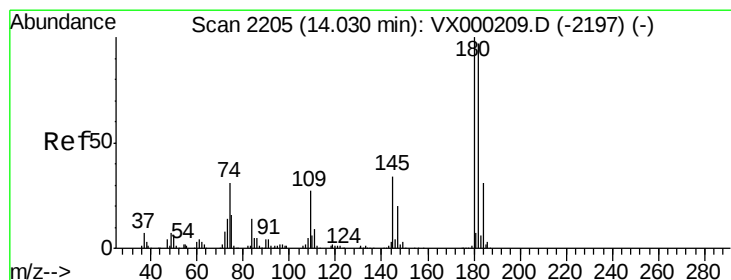
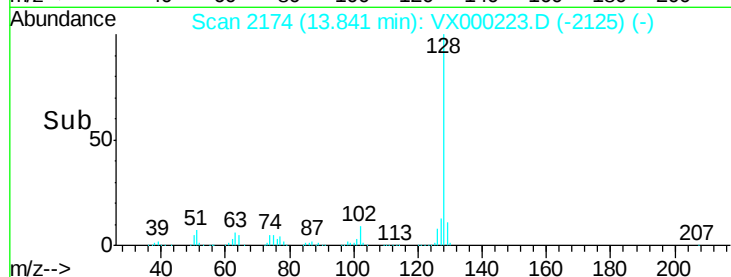
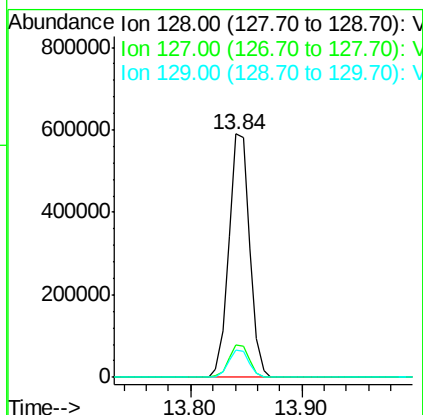
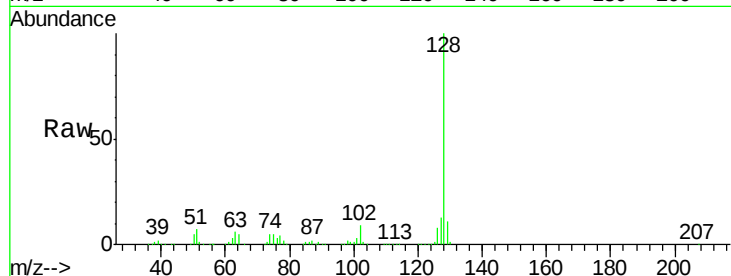




#95
Naphthalene
Concen: 66.220 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 64.089 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.0
145	32.6	16.3	48.8

