

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
 Data File : VX001760.D
 Acq On : 16 May 2018 11:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 17 02:53:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	364227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	256396	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	243685	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	212942	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
50) Toluene-d8	8.72	98	796040	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
62) 4-Bromofluorobenzene	11.14	95	260042	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	171193	46.84	ug/l	100
3) Chloromethane	1.32	50	181331	45.93	ug/l	99
4) Vinyl Chloride	1.40	62	195271	45.75	ug/l	100
5) Bromomethane	1.64	94	75084	41.24	ug/l	97
6) Chloroethane	1.72	64	126711	47.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	290083	46.77	ug/l	100
8) Diethyl Ether	2.19	74	116882	45.78	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	178800	47.88	ug/l	100
10) Methyl Iodide	2.51	142	211072	61.44	ug/l	100
11) Tert butyl alcohol	3.07	59	202334	233.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	162875	45.24	ug/l	99
13) Acrolein	2.29	56	101626	165.32	ug/l	98
14) Allyl chloride	2.73	41	312268	46.93	ug/l	99
15) Acrylonitrile	3.15	53	491691	225.86	ug/l	99
16) Acetone	2.45	43	492081	256.63	ug/l	99
17) Carbon Disulfide	2.57	76	408125	43.46	ug/l	100
18) Methyl Acetate	2.78	43	267337	47.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	556530	45.87	ug/l	100
20) Methylene Chloride	2.86	84	182613	44.49	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	177096	44.66	ug/l	99
22) Diisopropyl ether	3.87	45	589401	46.17	ug/l	98
23) Vinyl Acetate	3.82	43	1999692	217.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	319484	45.64	ug/l	99
25) 2-Butanone	4.71	43	714474	243.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	271840	48.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	205623	45.56	ug/l	100
28) Bromochloromethane	5.02	49	186066	59.83	ug/l	99
29) Tetrahydrofuran	5.17	42	440037	229.95	ug/l	100
30) Chloroform	5.22	83	341581	46.45	ug/l	98
31) Cyclohexane	5.57	56	302880	49.36	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	301858	47.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	254214	49.15	ug/l	99
37) Ethyl Acetate	4.87	43	259243	48.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	275470	50.84	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: May 17 02:53:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328728	54.39	ug/l	99
40) Benzene	6.15	78	763221	50.08	ug/l	99
41) Methacrylonitrile	5.07	41	150186	48.18	ug/l	99
42) 1,2-Dichloroethane	6.20	62	266298	48.32	ug/l	99
43) Isopropyl Acetate	6.47	43	411247	48.75	ug/l	99
44) Trichloroethene	7.21	130	235975	49.89	ug/l	100
45) 1,2-Dichloropropane	7.52	63	189564	50.69	ug/l	98
46) Dibromomethane	7.67	93	128302	48.86	ug/l	98
47) Bromodichloromethane	7.90	83	254250	52.18	ug/l	97
48) Methyl methacrylate	7.78	41	221509	49.88	ug/l	98
49) 1,4-Dioxane	7.76	88	93759	1096.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1379569	258.03	ug/l	100
52) Toluene	8.79	92	508546	51.93	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	303649	52.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	272802	53.98	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	198141	52.93	ug/l	99
56) Ethyl methacrylate	9.19	69	285245	53.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	295346	47.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	514745	188.51	ug/l	100
59) 2-Hexanone	9.50	43	962192	251.40	ug/l	99
60) Dibromochloromethane	9.59	129	197176	51.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	189795	48.43	ug/l	99
64) Tetrachloroethene	9.34	164	255034	51.57	ug/l	97
65) Chlorobenzene	10.14	112	510590	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192719	52.21	ug/l	99
67) Ethyl Benzene	10.26	91	854811	51.18	ug/l	100
68) m/p-Xylenes	10.37	106	690478	104.79	ug/l	100
69) o-Xylene	10.70	106	330018	52.30	ug/l	99
70) Styrene	10.71	104	550968	52.94	ug/l	100
71) Bromoform	10.86	173	160252	46.85	ug/l	100
73) Isopropylbenzene	11.02	105	893275	52.90	ug/l	100
74) N-amyl acetate	6.47	43	411247	50.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244213	48.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	297748	61.07	ug/l	92
77) Bromobenzene	11.26	156	248110	50.01	ug/l	99
78) n-propylbenzene	11.37	91	1005113	52.84	ug/l	100
79) 2-Chlorotoluene	11.43	91	584267	51.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	749088	54.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74001	45.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	683146	50.97	ug/l	99
83) tert-Butylbenzene	11.77	119	732877	53.16	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	773958	53.95	ug/l	100
85) sec-Butylbenzene	11.95	105	917563	53.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	849563	53.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458569	49.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459545	48.43	ug/l	100
89) n-Butylbenzene	12.39	91	705729	51.82	ug/l	100
90) Hexachloroethane	12.60	117	134754	55.10	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	458198	50.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55506	51.34	ug/l	99

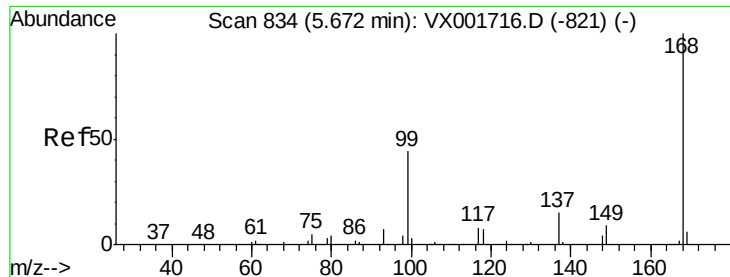
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051618\
Data File : VX001760.D
Acq On : 16 May 2018 11:17
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: May 17 02:53:05 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	360551	49.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	196253	50.16	ug/l	99
95) Naphthalene	13.84	128	965456	50.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365531	49.81	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

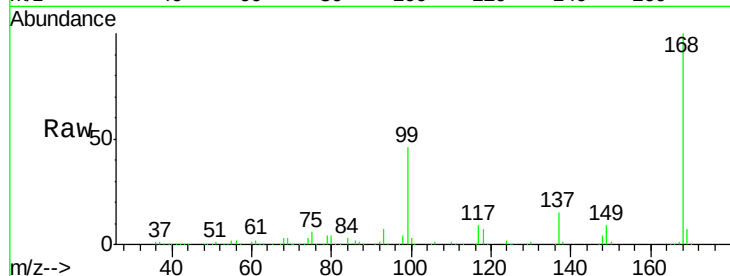
BFB

Tgt Ion:168 Resp: 364227

Ion Ratio Lower Upper

168 100

99 46.0 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

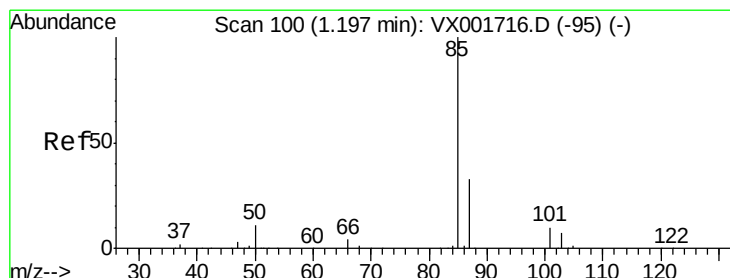
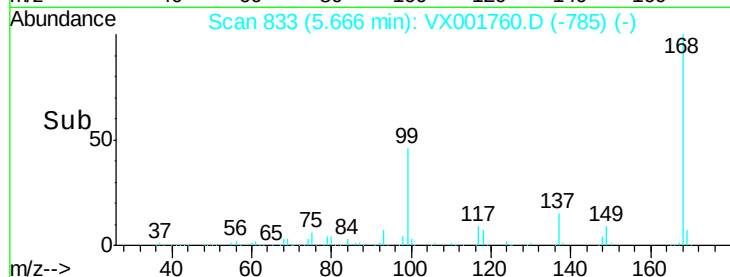
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001760.D

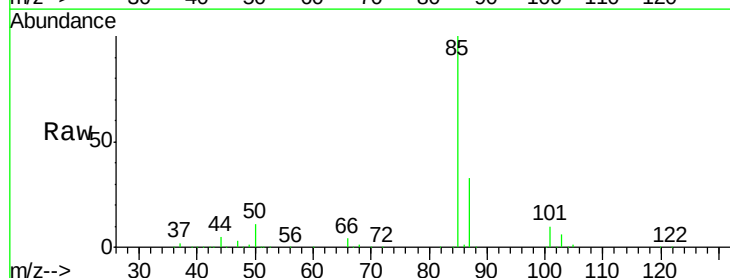
Acq: 16 May 2018 11:17

Tgt Ion: 85 Resp: 171193

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

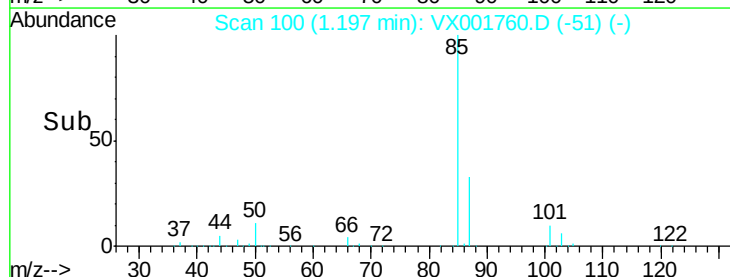
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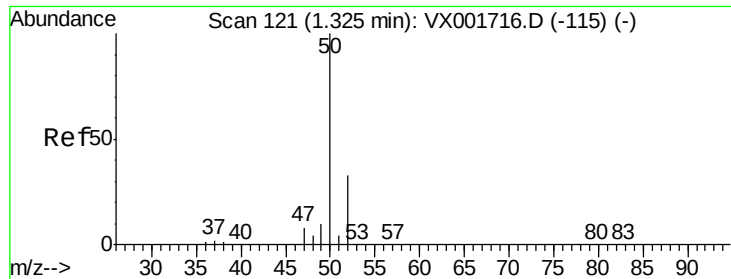
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Time-->

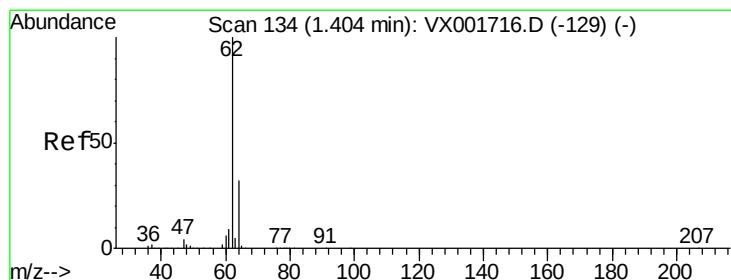
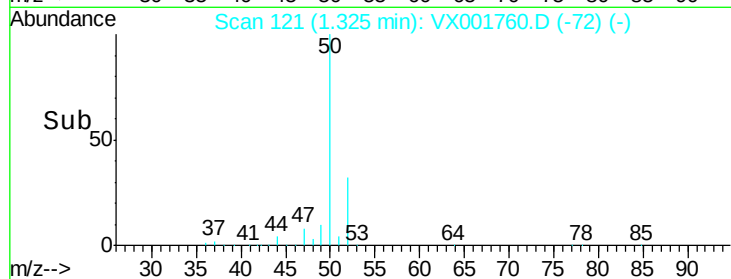
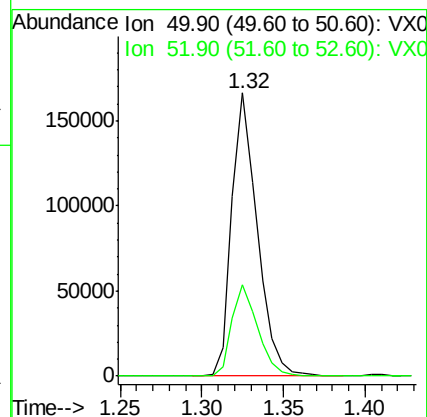
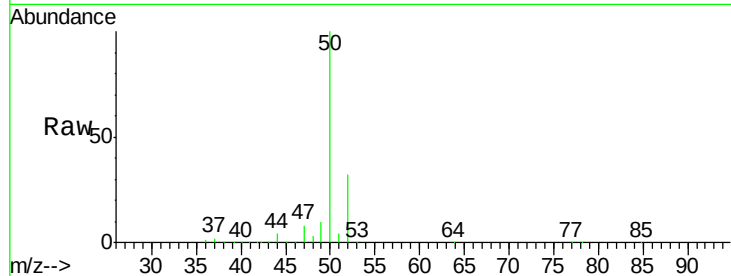




#3
Chloromethane
Concen: 45.93 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

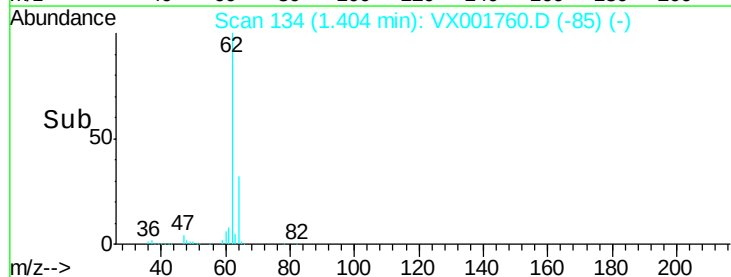
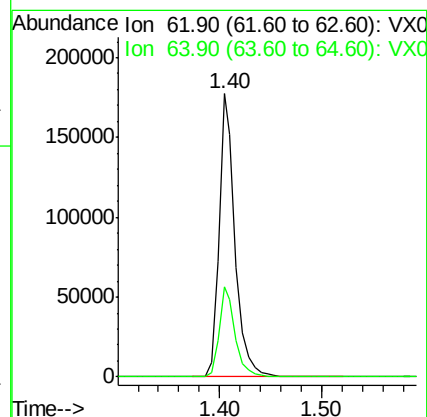
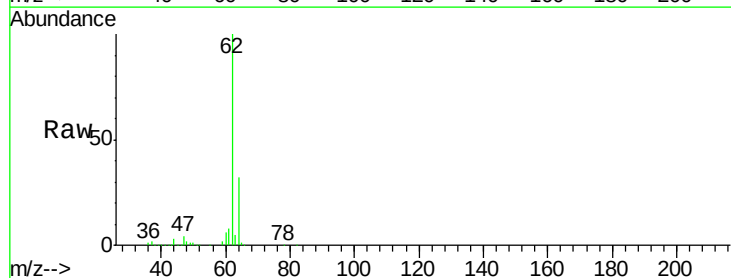
Instrument :
MSVOA_X
ClientSampled :
BFB

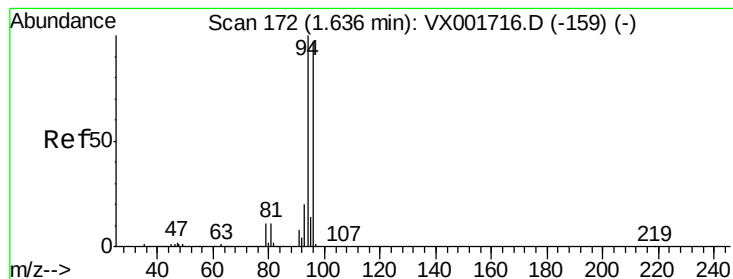
Tgt Ion: 50 Resp: 181331
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 45.75 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 62 Resp: 195271
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5

Bromomethane

Concen: 41.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

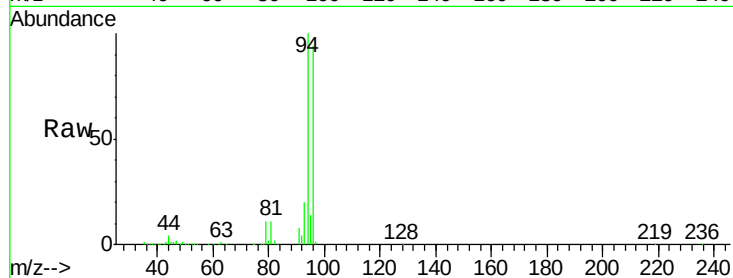
BFB

Tgt Ion: 94 Resp: 75084

Ion Ratio Lower Upper

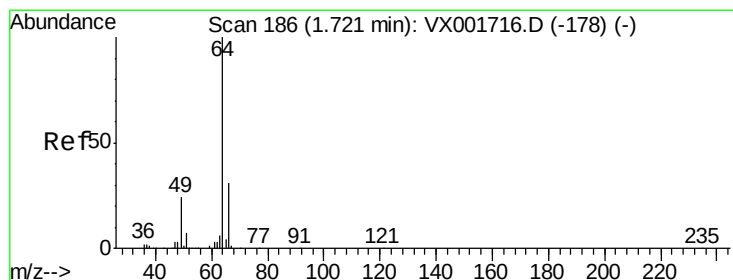
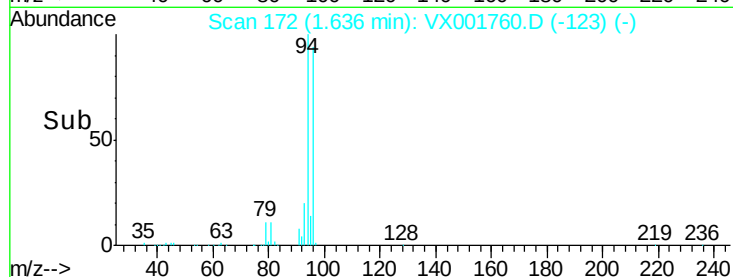
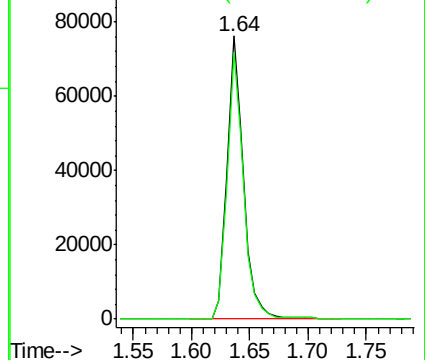
94 100

96 94.1 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001760.D

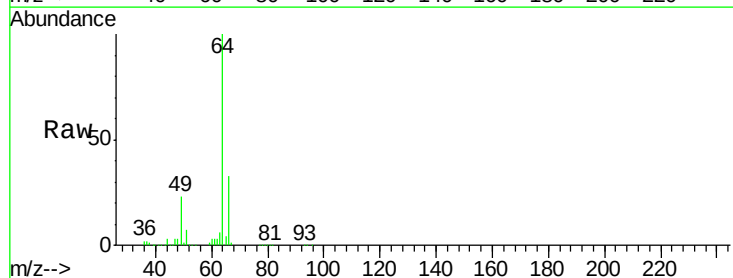
Acq: 16 May 2018 11:17

Tgt Ion: 64 Resp: 126711

Ion Ratio Lower Upper

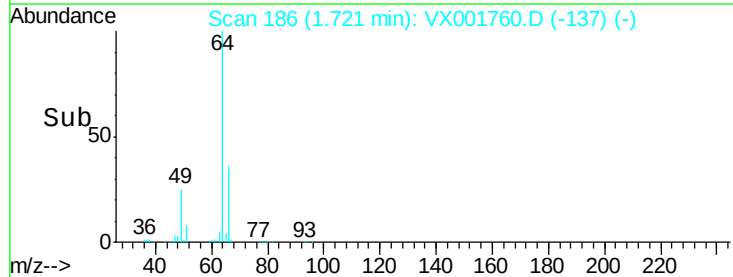
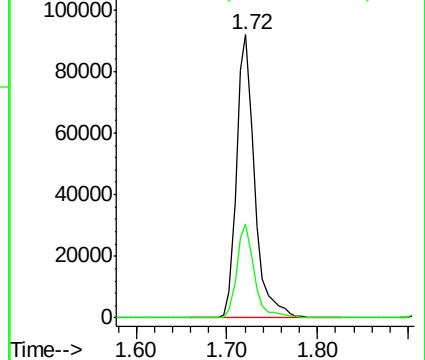
64 100

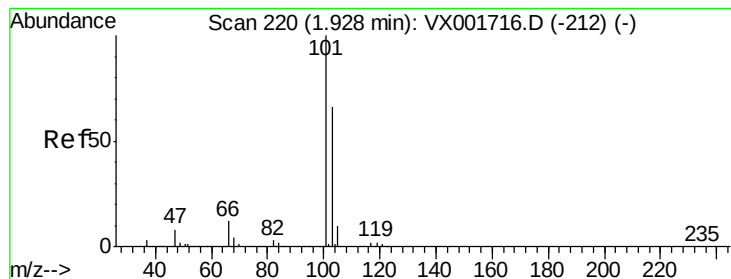
66 33.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



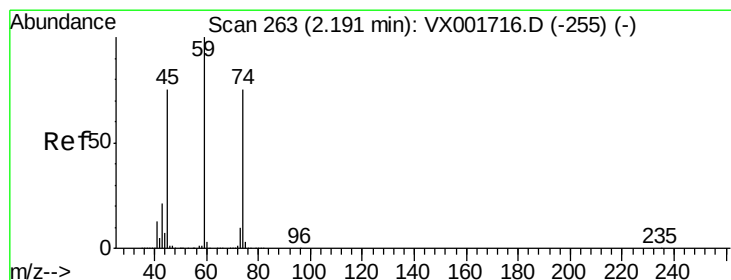
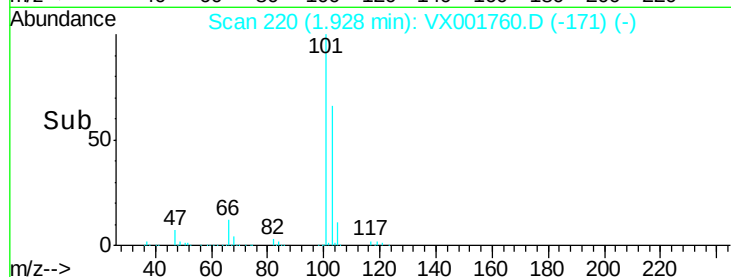
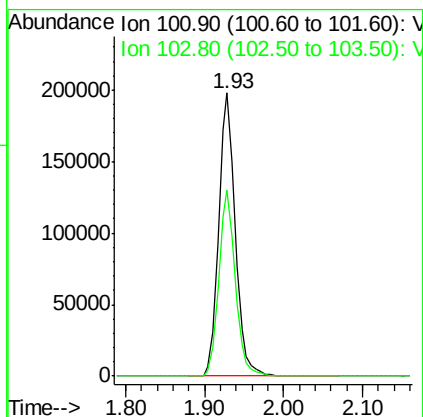
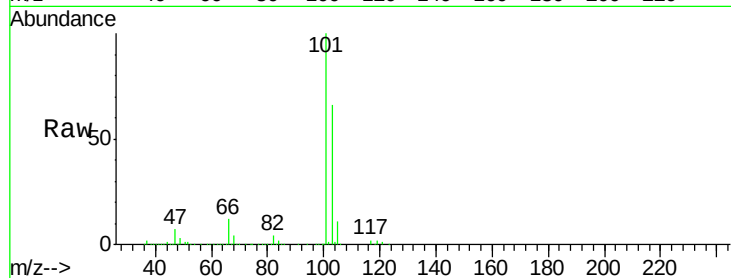


#7

Trichlorofluoromethane
 Concen: 46.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

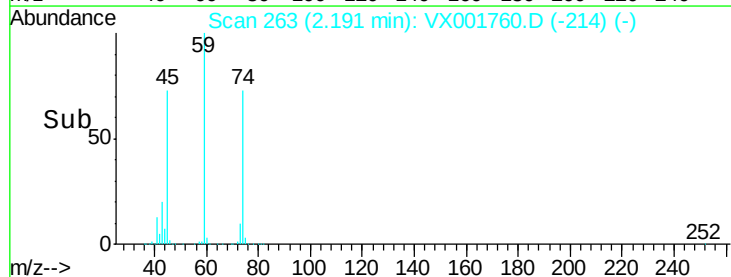
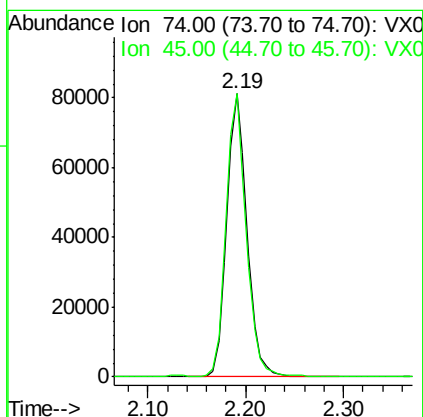
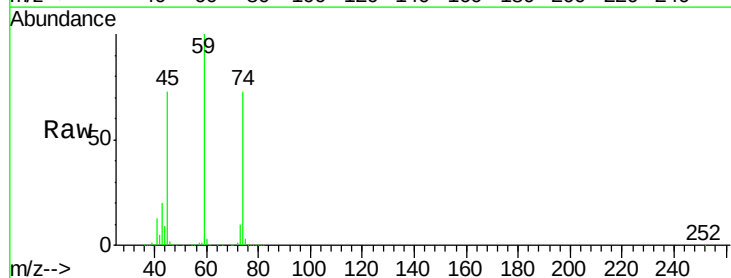
Tgt Ion: 101 Resp: 290083
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.6 78.8

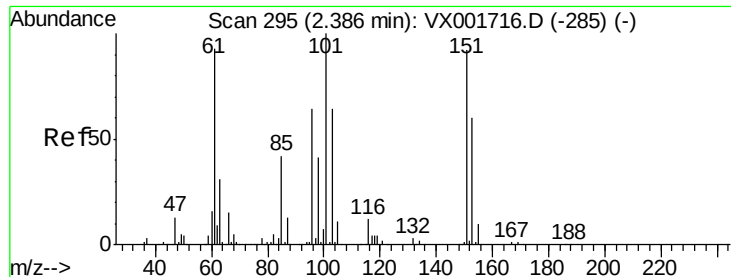


#8

Diethyl Ether
 Concen: 45.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 74 Resp: 116882
 Ion Ratio Lower Upper
 74 100
 45 98.3 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.88 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

BFB

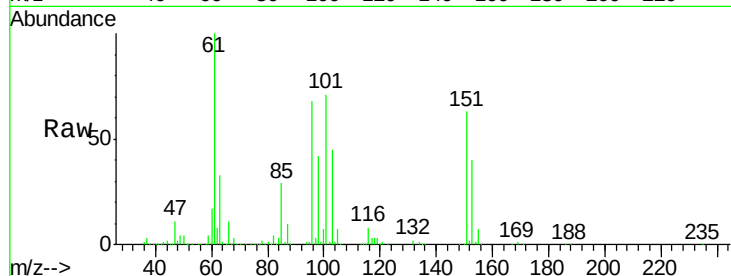
Tgt Ion:101 Resp: 178800

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

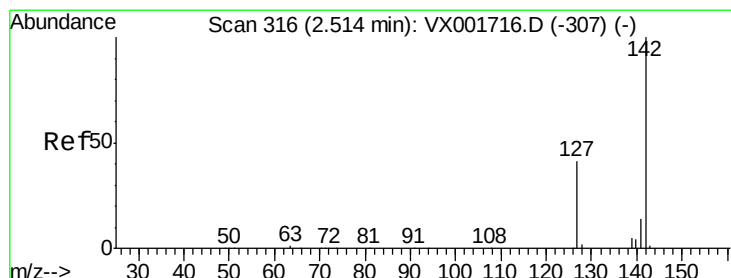
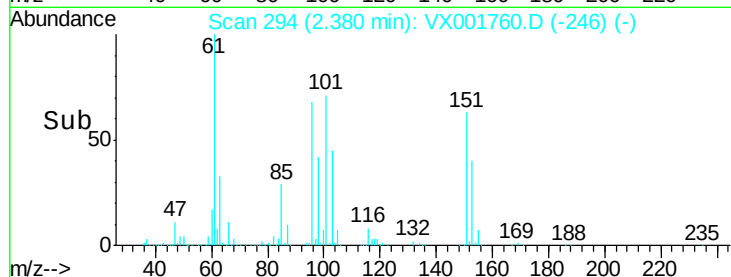
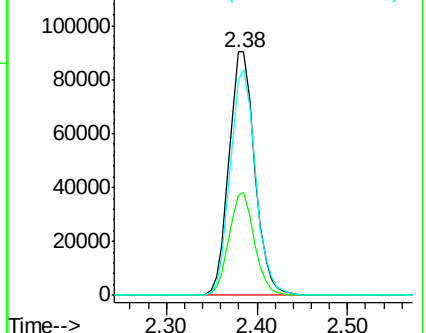
151 91.7 73.0 109.6



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: 61.44 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

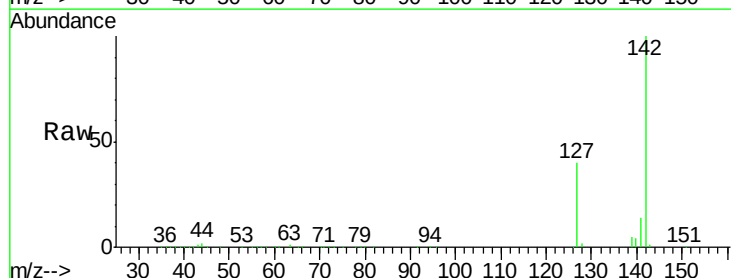
Tgt Ion:142 Resp: 211072

Ion Ratio Lower Upper

142 100

127 40.5 32.5 48.7

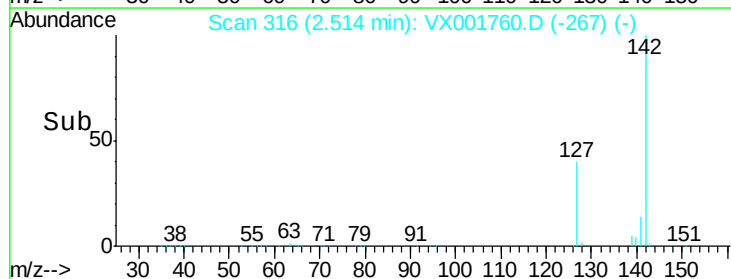
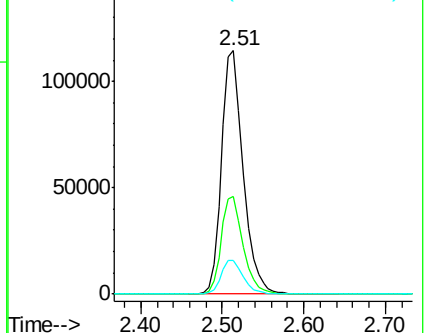
141 14.2 11.4 17.0

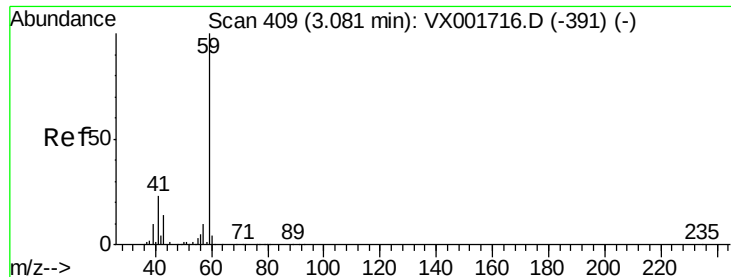


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

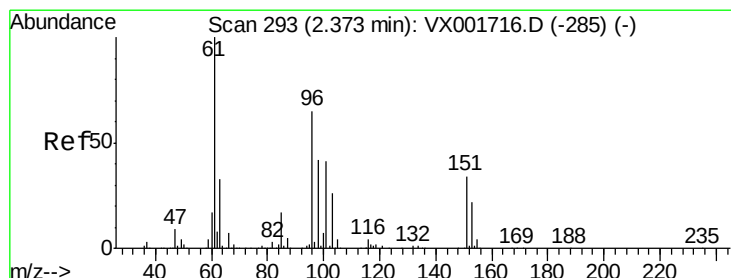
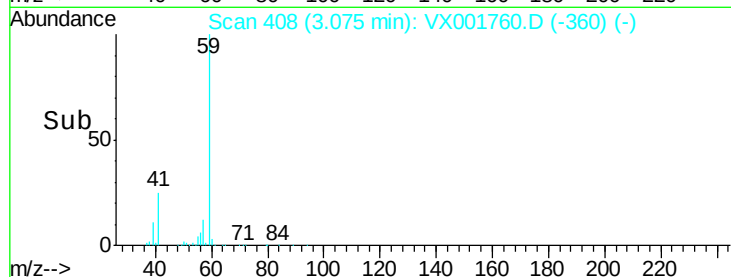
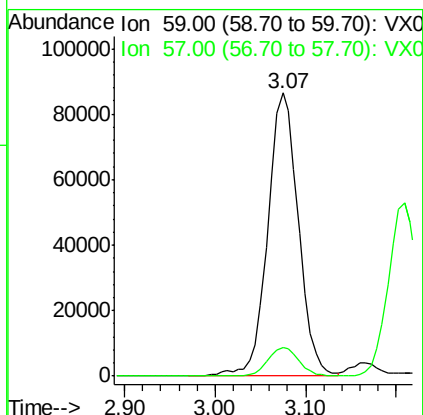
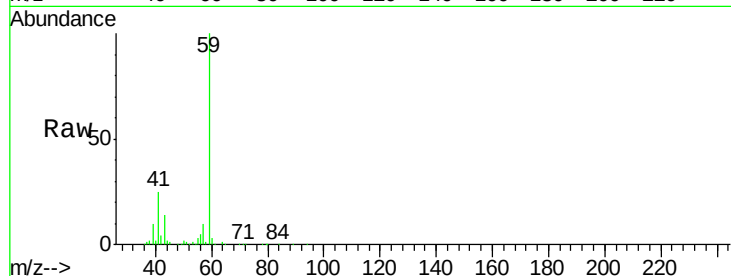




#11
Tert butyl alcohol
Concen: 233.44 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

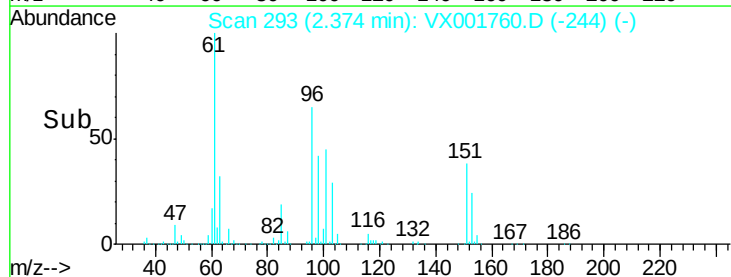
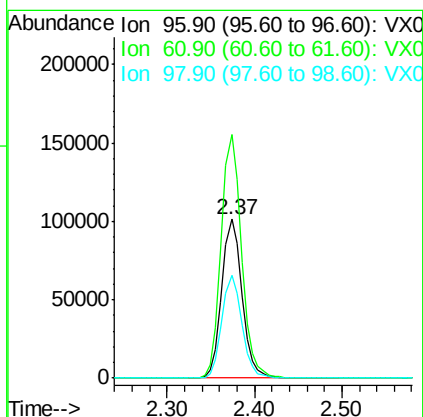
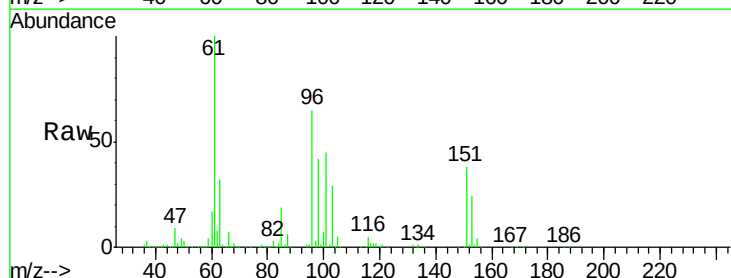
Instrument :
MSVOA_X
ClientSampleId :
BFB

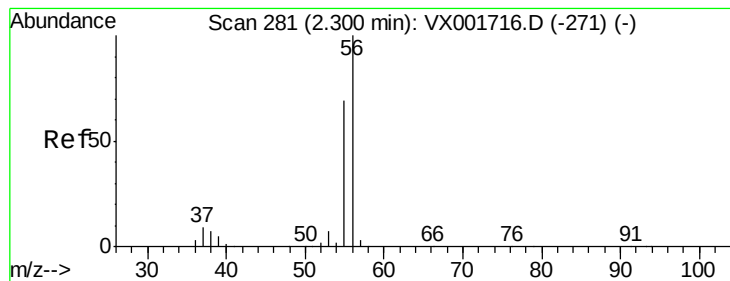
Tgt Ion: 59 Resp: 202334
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.24 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 96 Resp: 162875
Ion Ratio Lower Upper
96 100
61 153.5 122.2 183.2
98 64.8 51.4 77.0





#13

Acrolein

Concen: 165.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

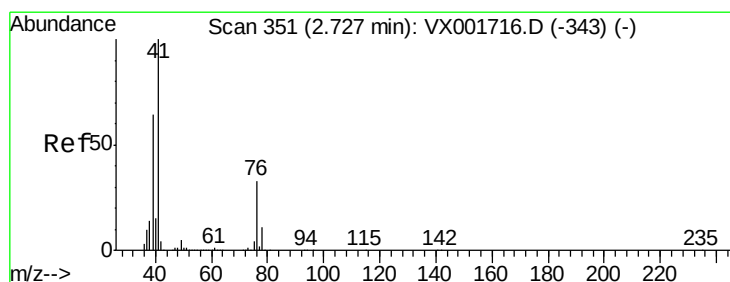
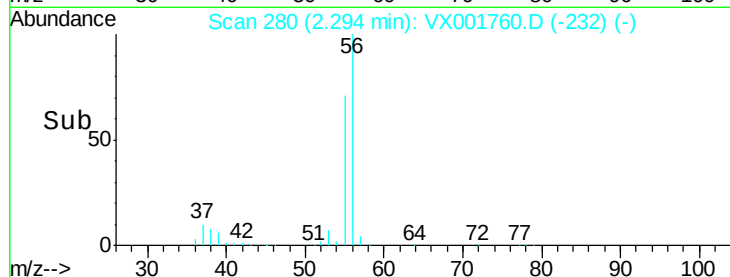
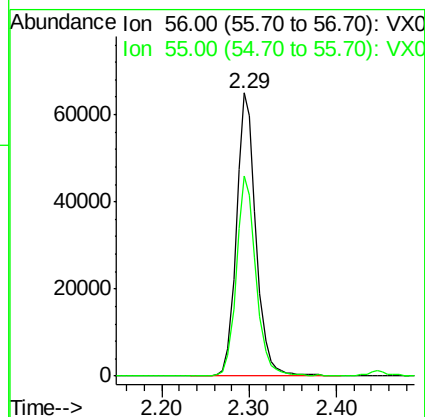
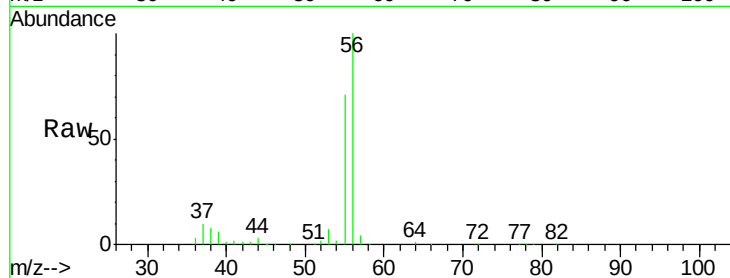
BFB

Tgt Ion: 56 Resp: 101626

Ion Ratio Lower Upper

56 100

55 71.6 56.2 84.2



#14

Allyl chloride

Concen: 46.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

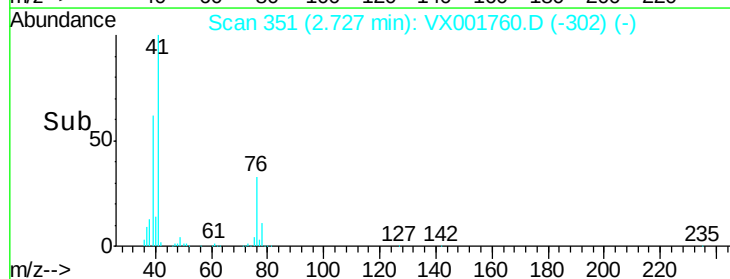
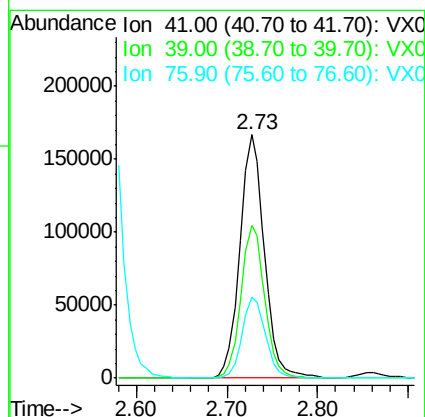
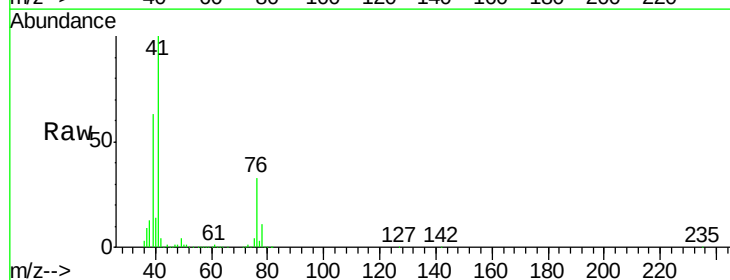
Tgt Ion: 41 Resp: 312268

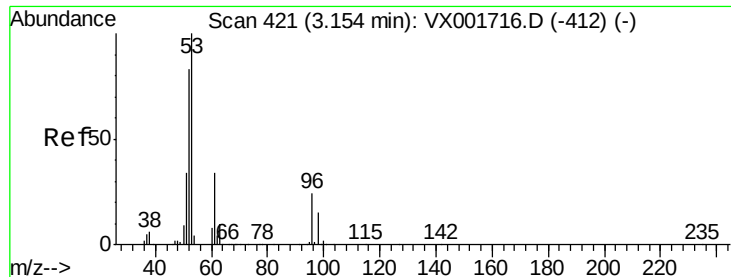
Ion Ratio Lower Upper

41 100

39 60.9 49.8 74.6

76 31.7 25.8 38.8





#15

Acrylonitrile

Concen: 225.86 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

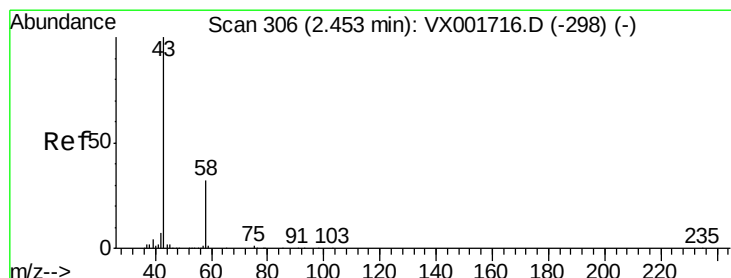
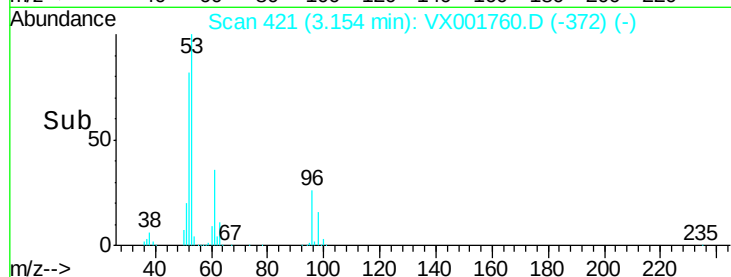
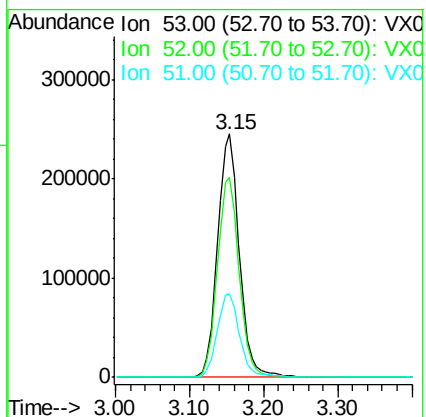
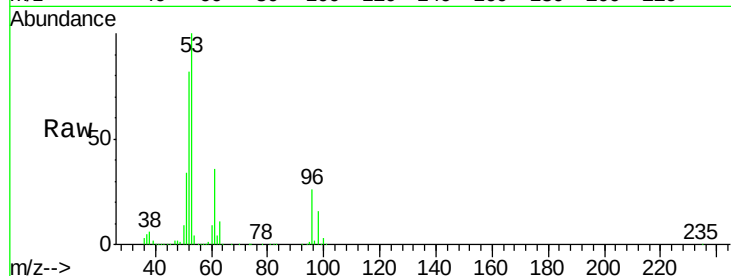
Tgt Ion: 53 Resp: 491691

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

51 35.5 28.1 42.1



#16

Acetone

Concen: 256.63 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001760.D

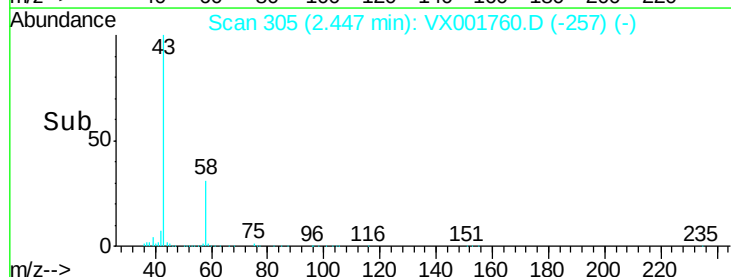
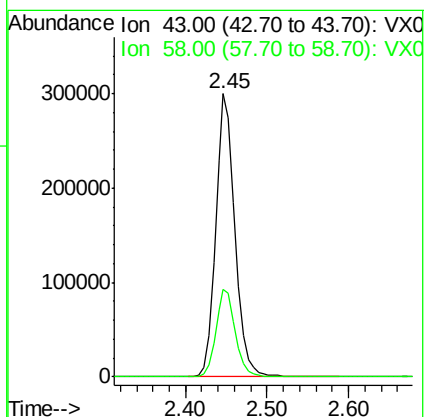
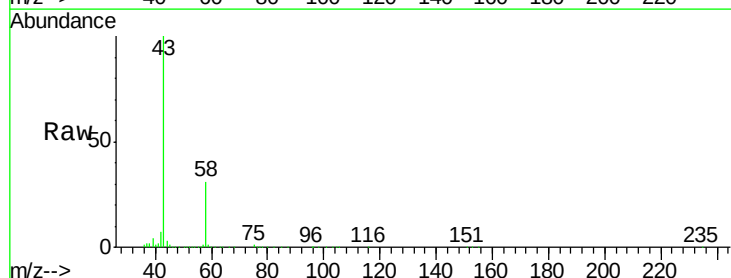
Acq: 16 May 2018 11:17

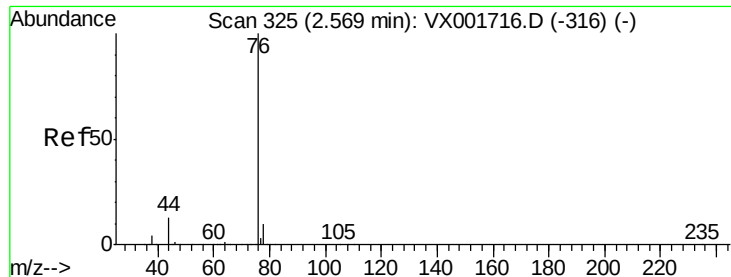
Tgt Ion: 43 Resp: 492081

Ion Ratio Lower Upper

43 100

58 31.1 25.3 37.9





#17

Carbon Disulfide

Concen: 43.46 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

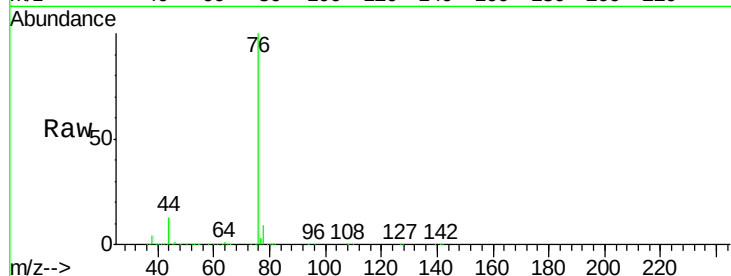
BFB

Tgt Ion: 76 Resp: 408125

Ion Ratio Lower Upper

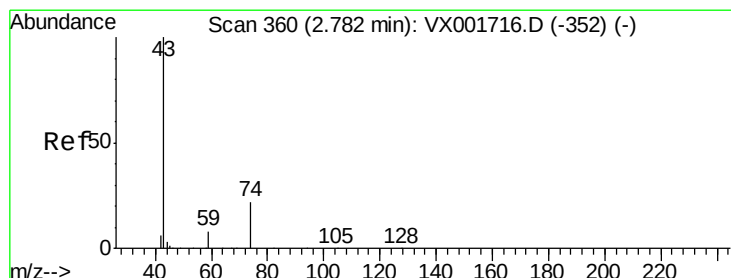
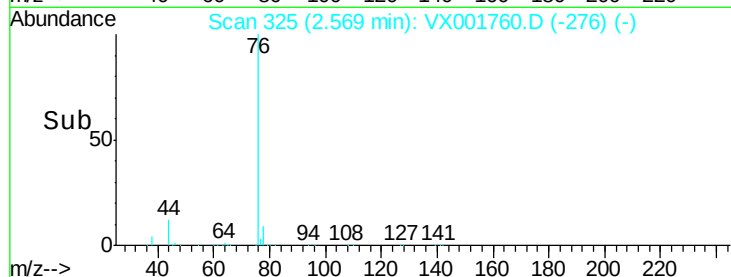
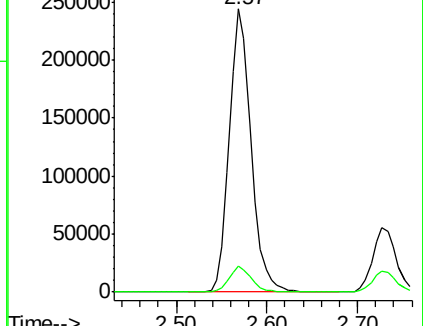
76 100

78 9.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.69 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001760.D

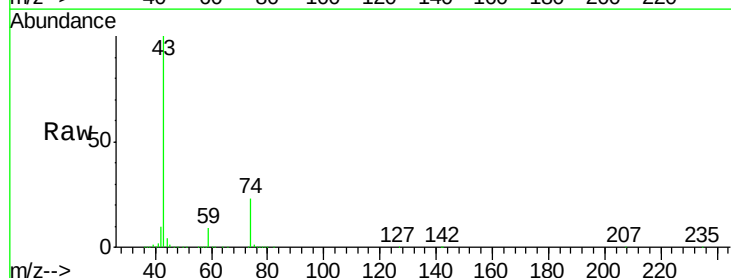
Acq: 16 May 2018 11:17

Tgt Ion: 43 Resp: 267337

Ion Ratio Lower Upper

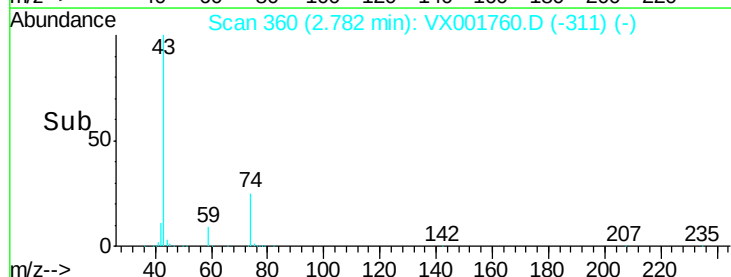
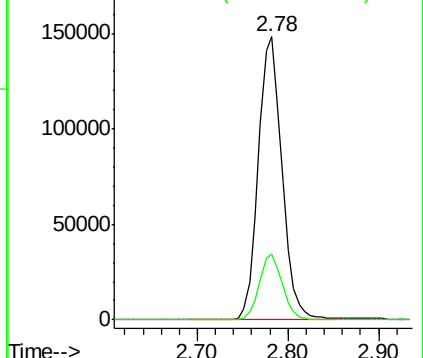
43 100

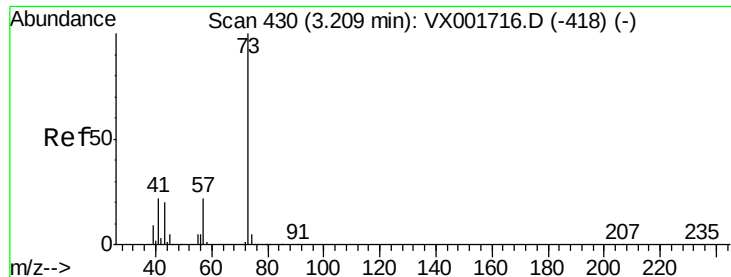
74 23.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

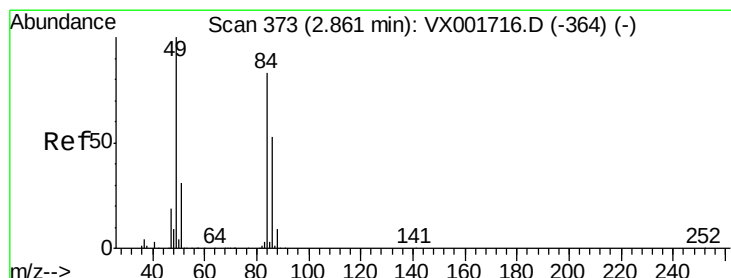
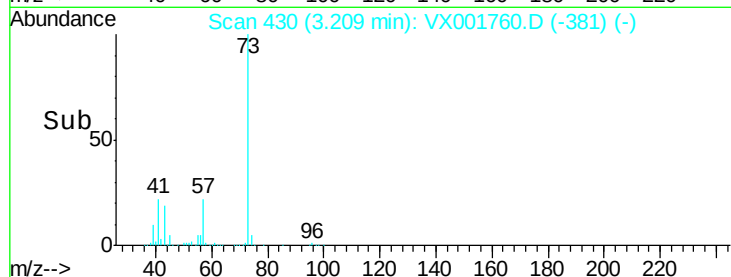
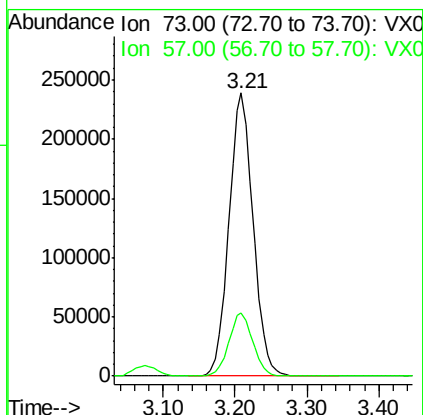
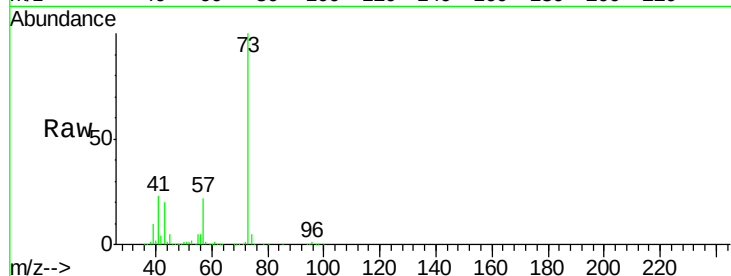




#19
Methyl tert-butyl Ether
Concen: 45.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

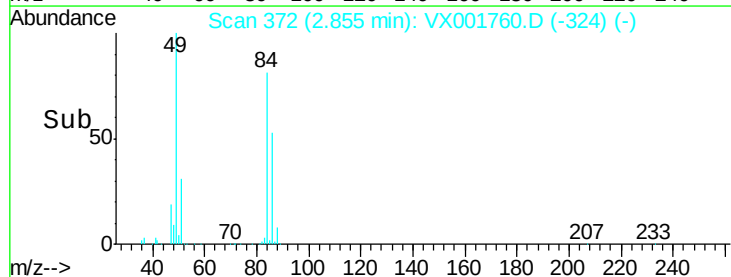
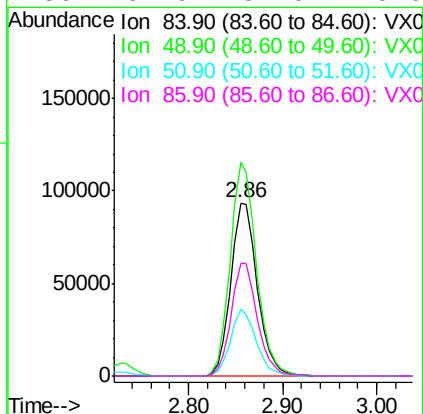
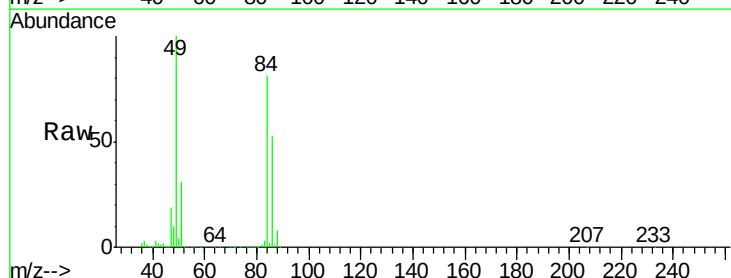
Instrument :
MSVOA_X
ClientSampled :
BFB

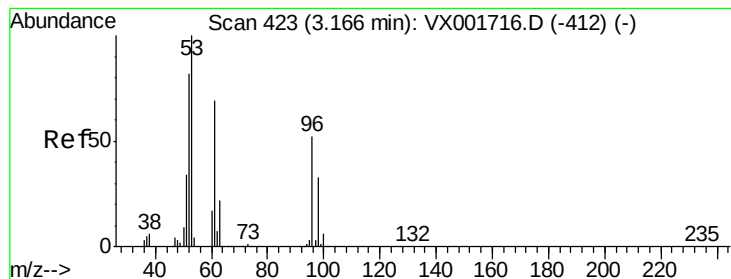
Tgt Ion: 73 Resp: 556530
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 44.49 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 84 Resp: 182613
Ion Ratio Lower Upper
84 100
49 123.3 96.3 144.5
51 38.6 29.8 44.6
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 44.66 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

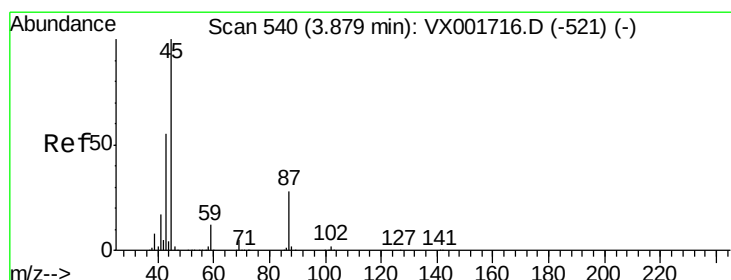
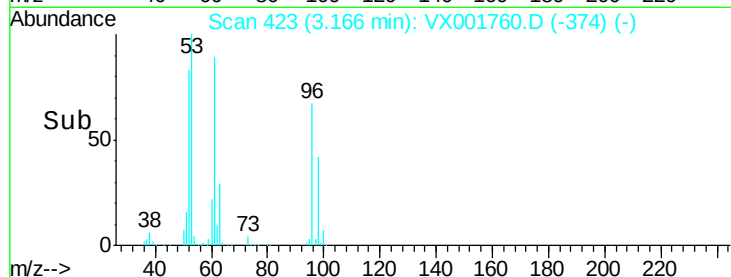
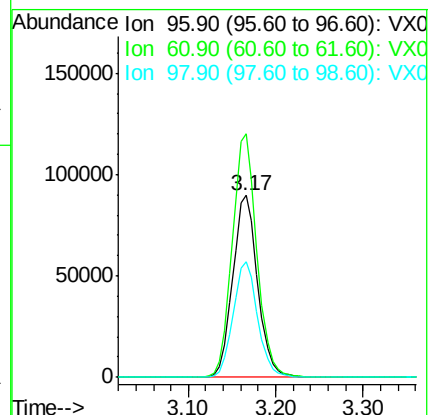
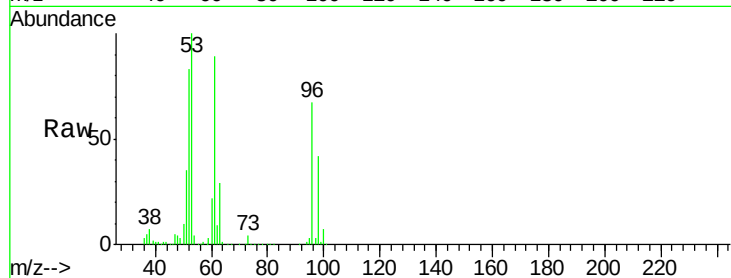
Tgt Ion: 96 Resp: 177096

Ion Ratio Lower Upper

96 100

61 133.9 105.8 158.8

98 63.4 50.2 75.4



#22

Diisopropyl ether

Concen: 46.17 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion: 45 Resp: 589401

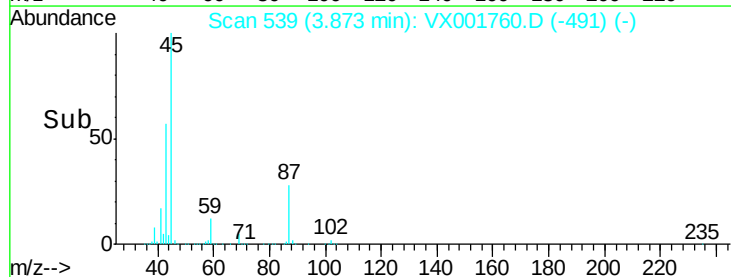
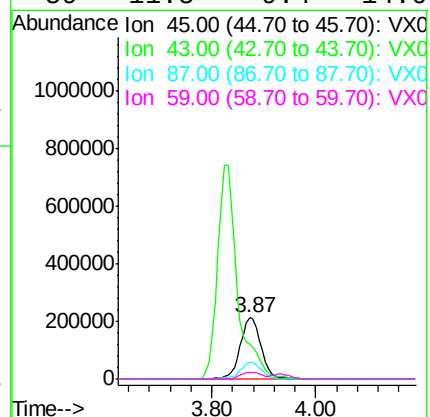
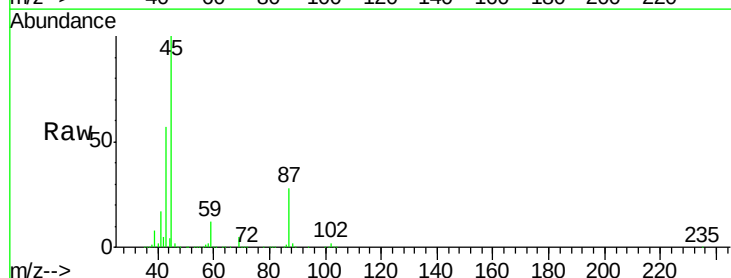
Ion Ratio Lower Upper

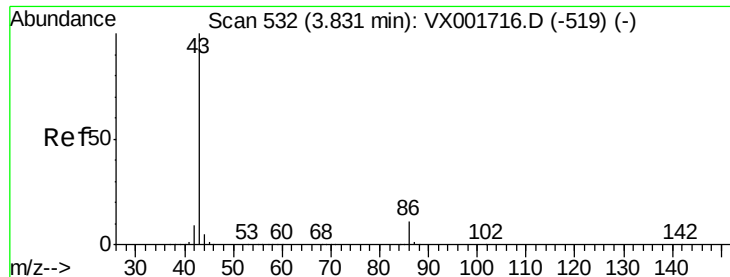
45 100

43 57.3 44.3 66.5

87 27.6 22.6 33.8

59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 217.42 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

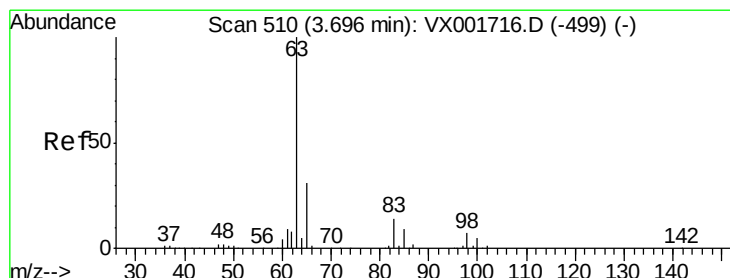
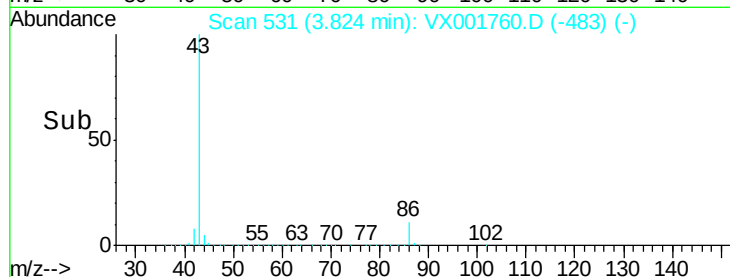
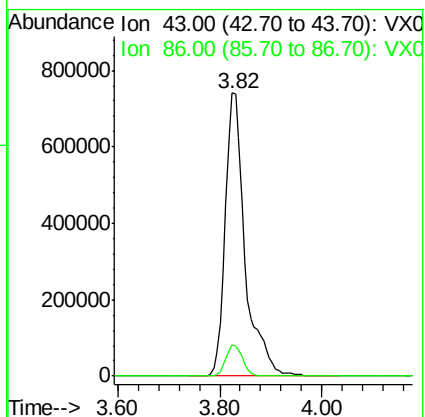
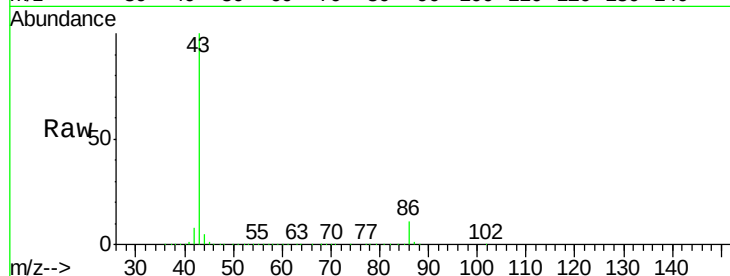
BFB

Tgt Ion: 43 Resp: 1999692

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 45.64 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

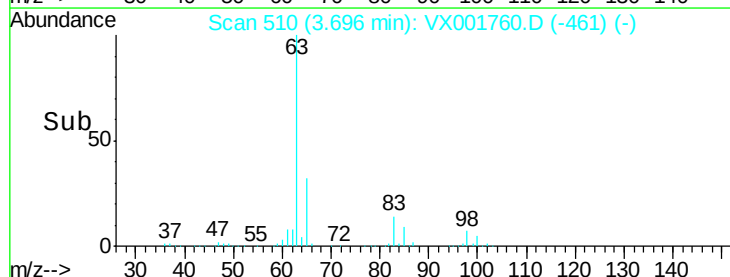
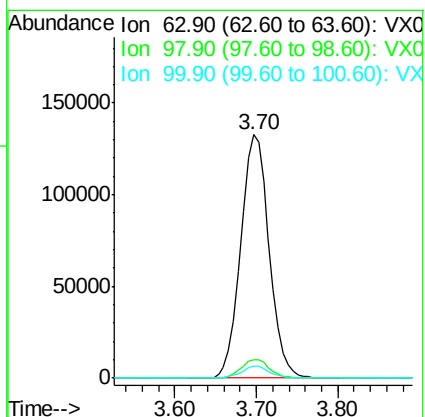
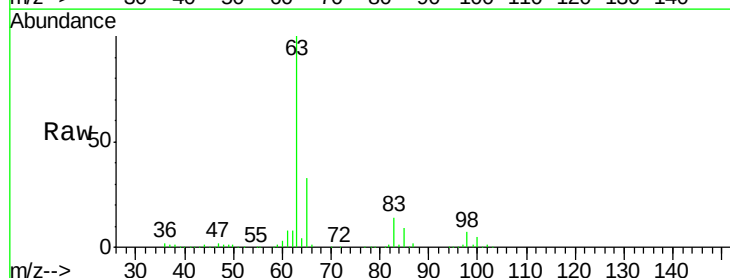
Tgt Ion: 63 Resp: 319484

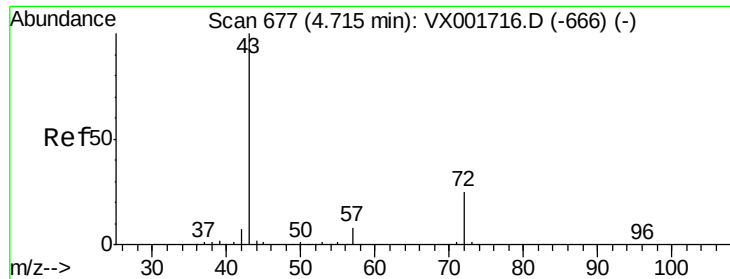
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 243.37 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

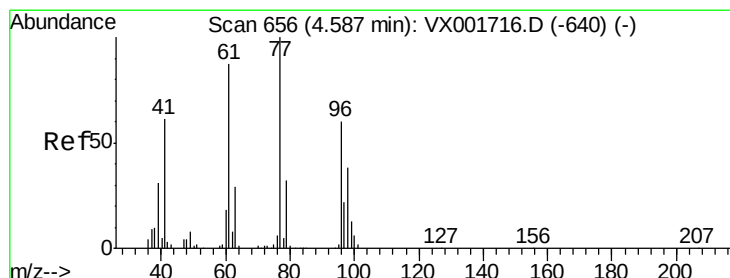
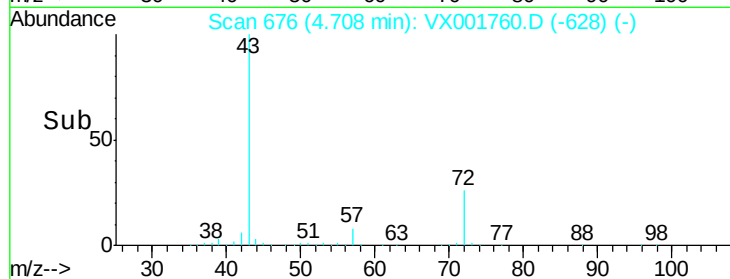
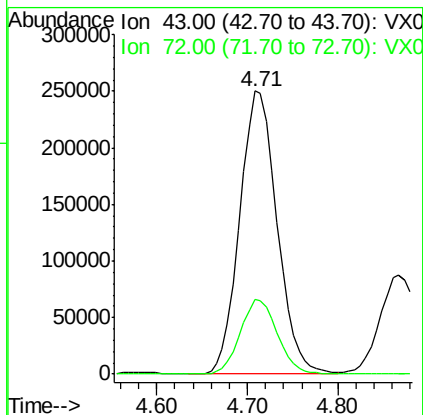
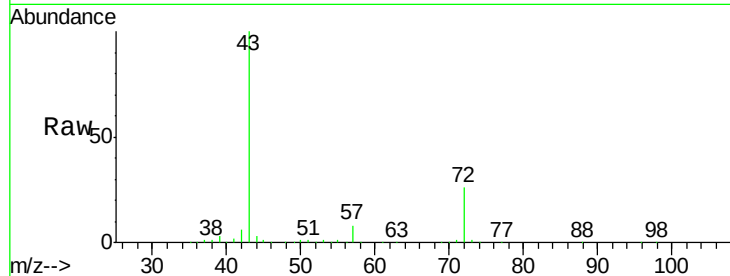
BFB

Tgt Ion: 43 Resp: 714474

Ion Ratio Lower Upper

43 100

72 26.2 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001760.D

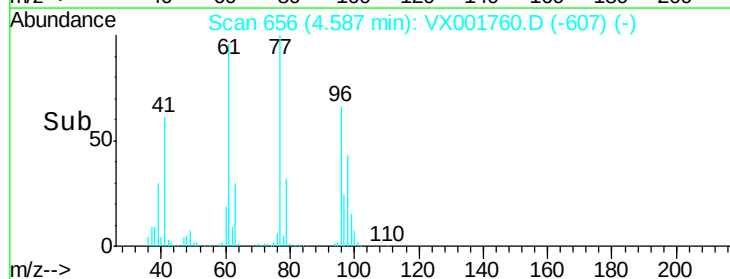
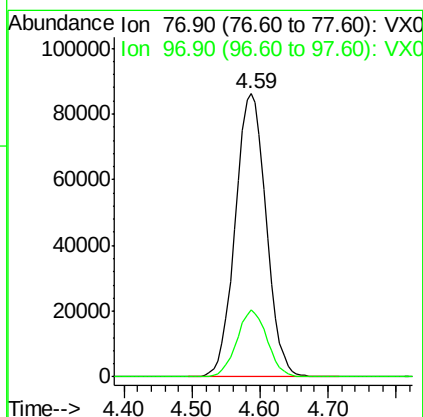
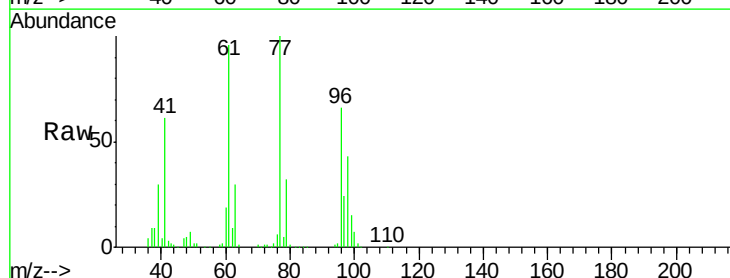
Acq: 16 May 2018 11:17

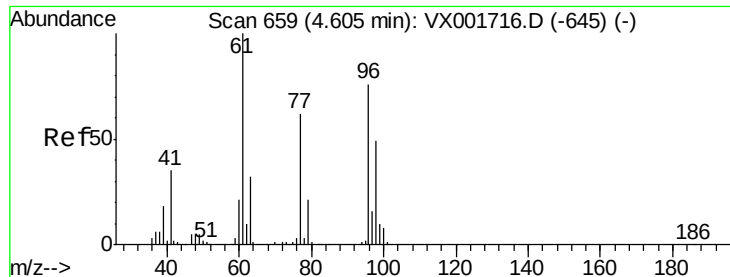
Tgt Ion: 77 Resp: 271840

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



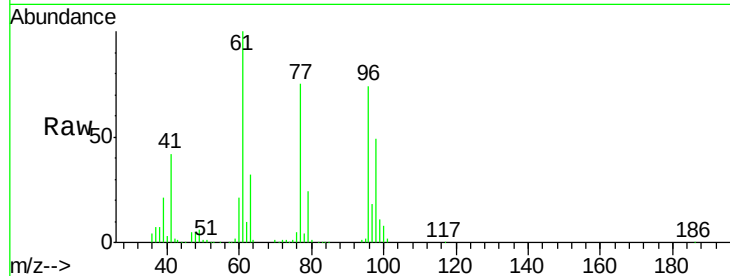


#27

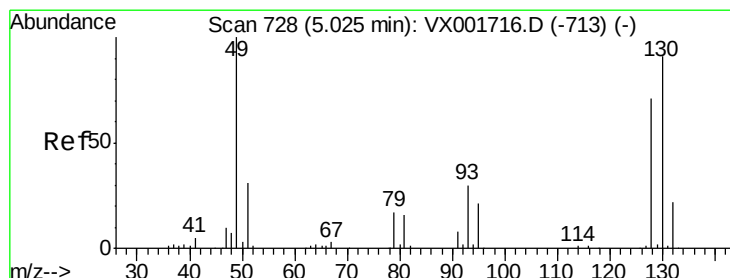
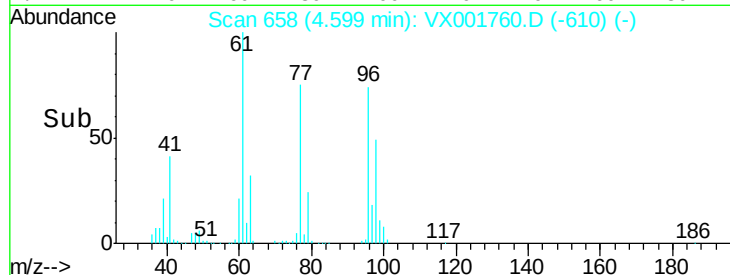
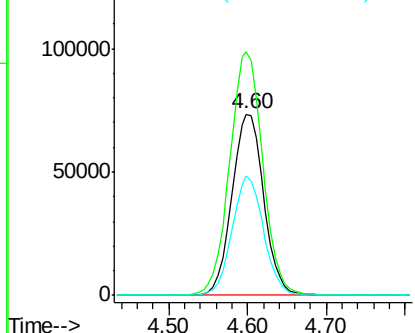
cis-1,2-Dichloroethene
 Concen: 45.56 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

Tgt Ion: 96 Resp: 205623
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 280.4
 98 65.1 0.0 128.4



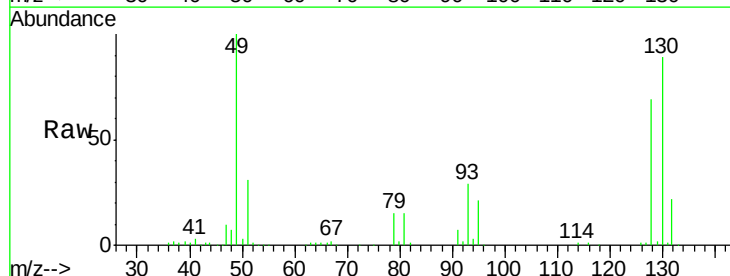
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



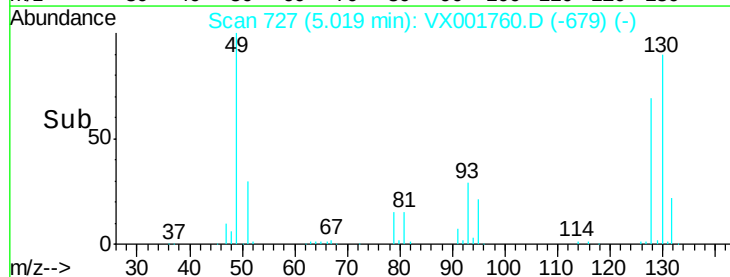
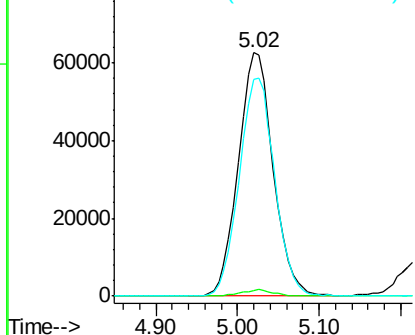
#28

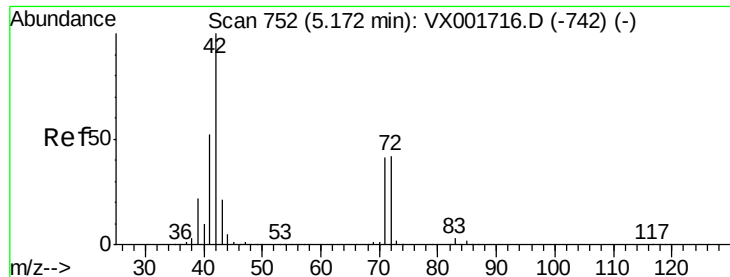
Bromochloromethane
 Concen: 59.83 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 49 Resp: 186066
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 90.9 71.8 107.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 229.95 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

BFB

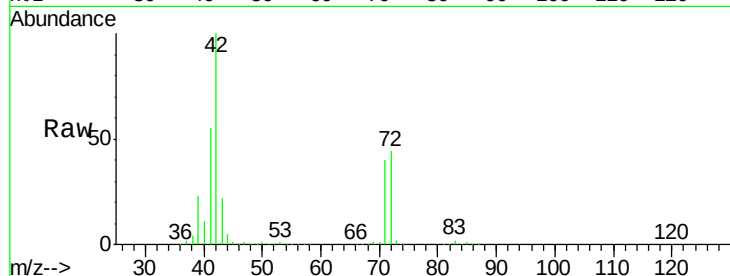
Tgt Ion: 42 Resp: 440037

Ion Ratio Lower Upper

42 100

72 44.4 35.4 53.2

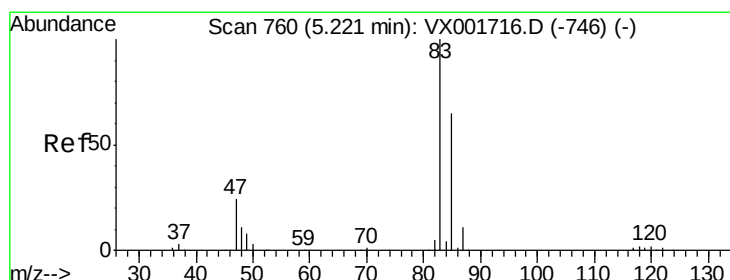
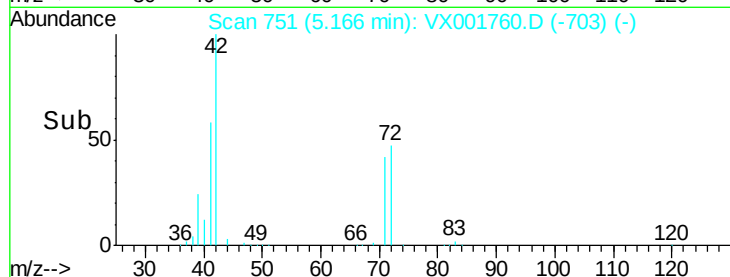
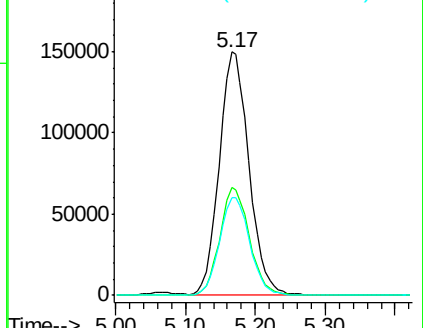
71 41.2 33.2 49.8



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: 46.45 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001760.D

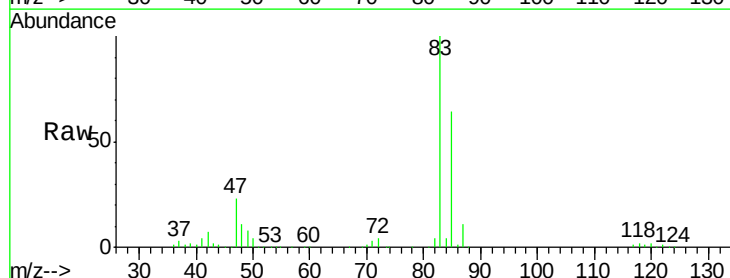
Acq: 16 May 2018 11:17

Tgt Ion: 83 Resp: 341581

Ion Ratio Lower Upper

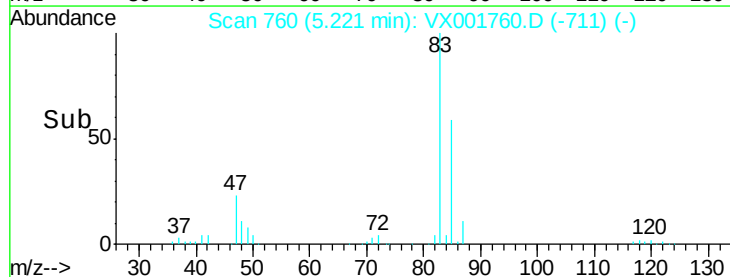
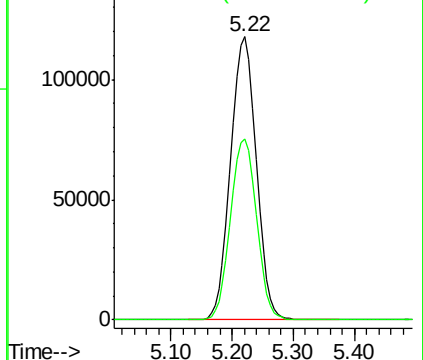
83 100

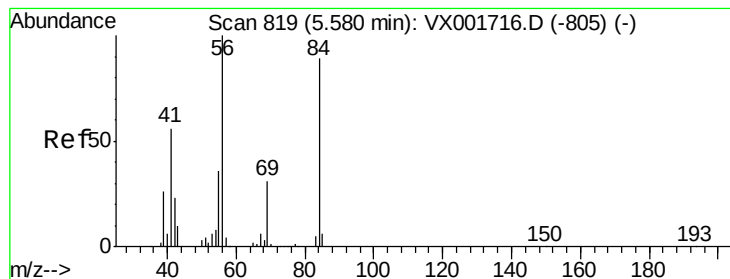
85 63.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

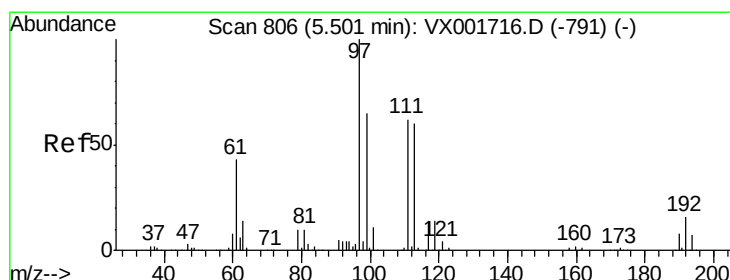
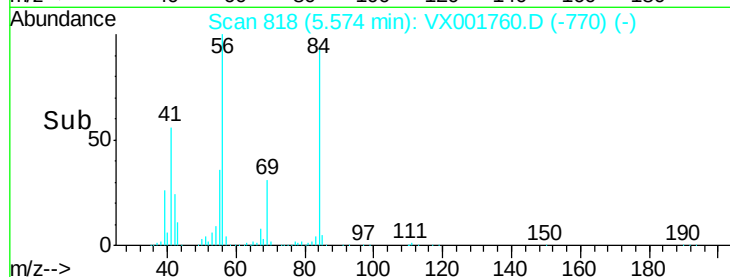
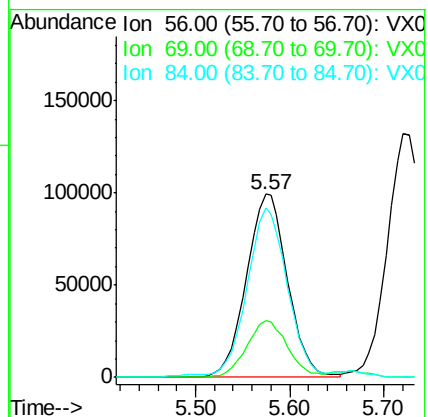
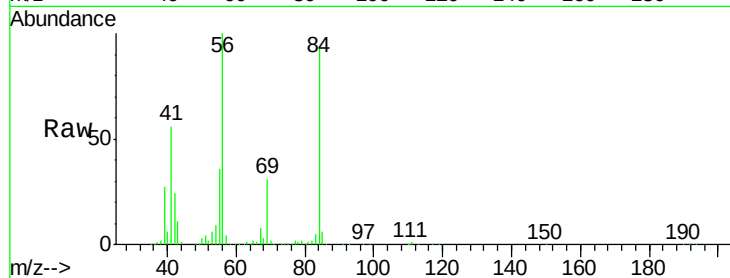
Tgt Ion: 56 Resp: 302880

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.6

84 90.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 47.50 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

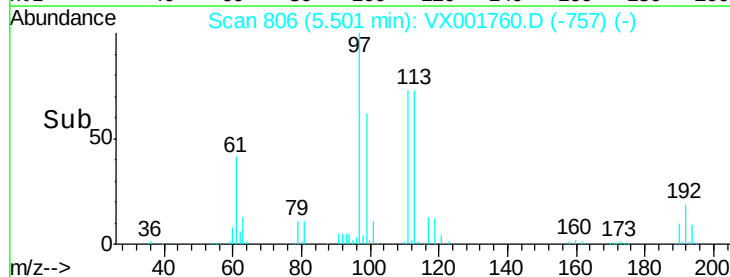
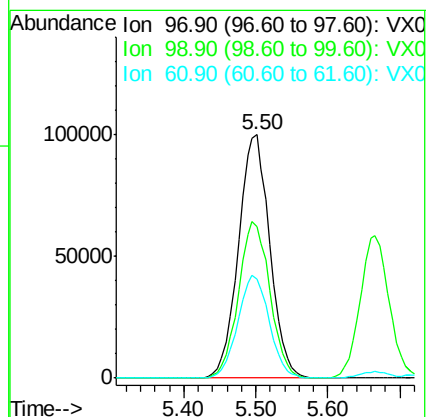
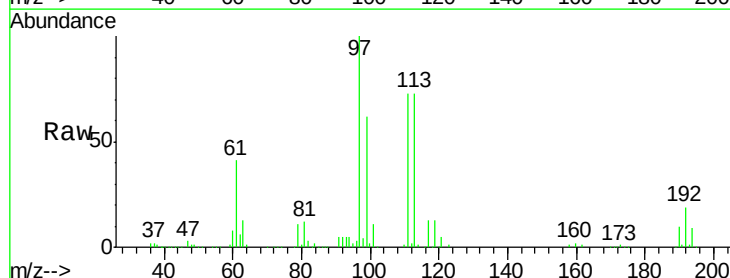
Tgt Ion: 97 Resp: 301858

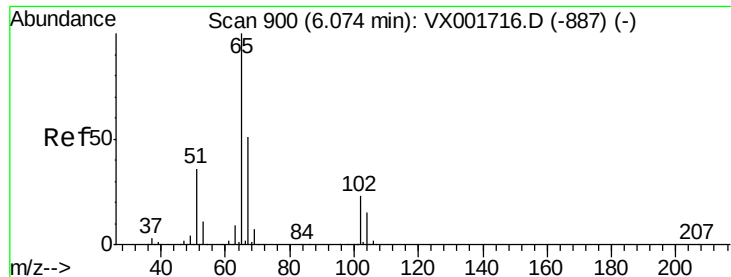
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 42.5 34.0 51.0

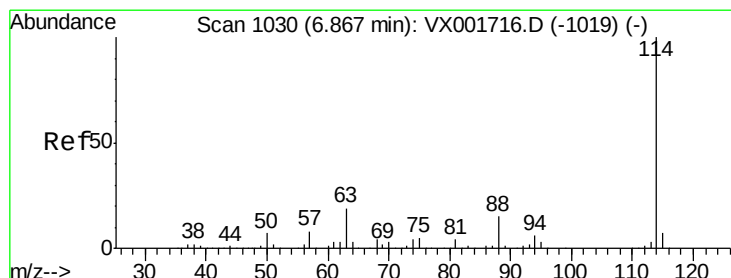
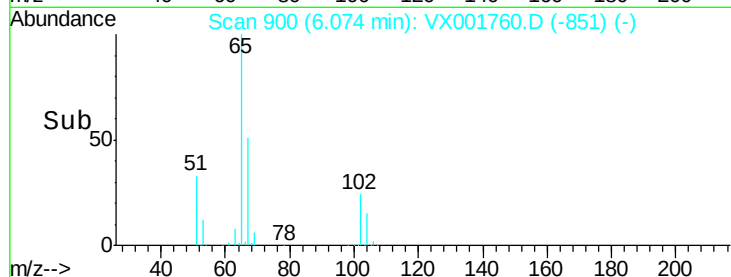
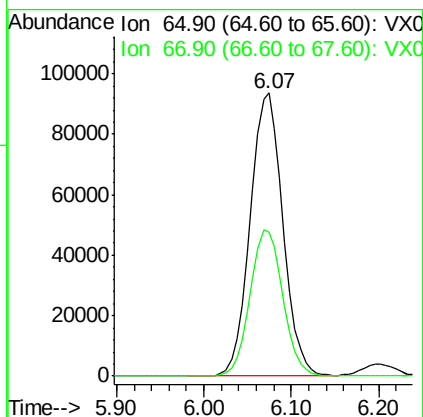
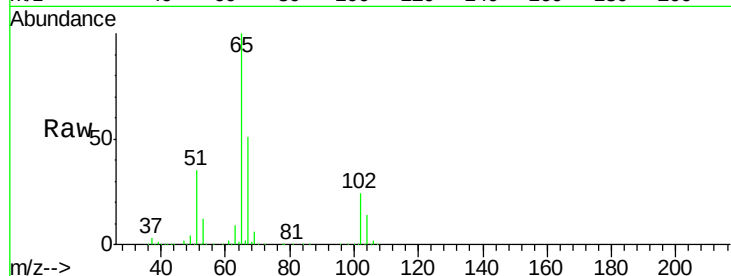




#33
 1,2-Dichloroethane-d4
 Concen: 49.91 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

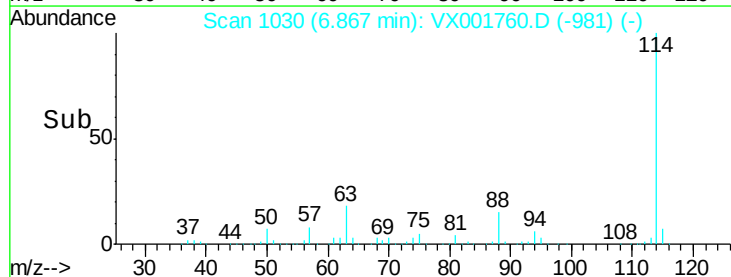
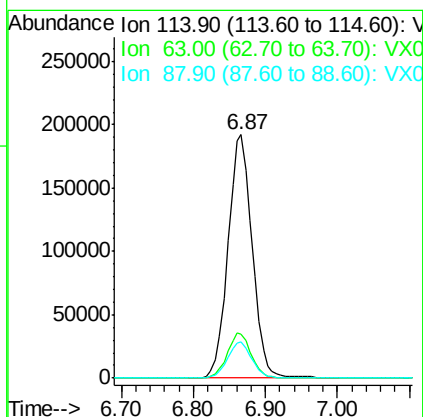
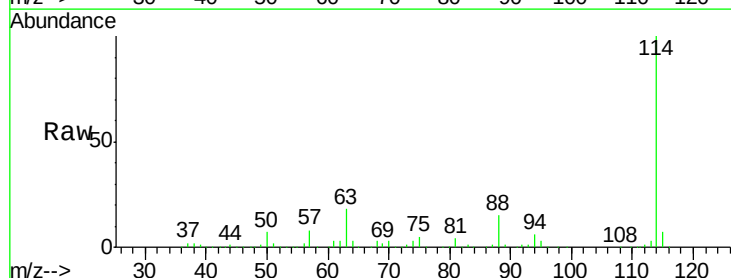
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

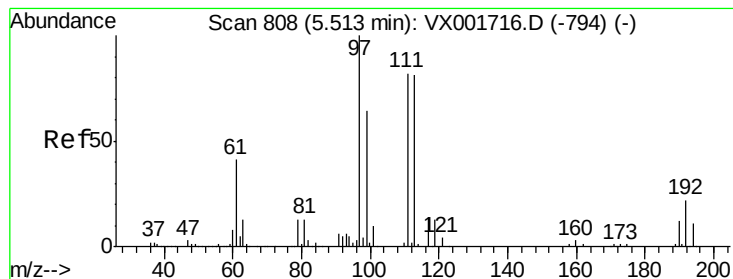
Tgt Ion: 65 Resp: 243685
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 114 Resp: 449320
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 37.0
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 56.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampled :
BFB

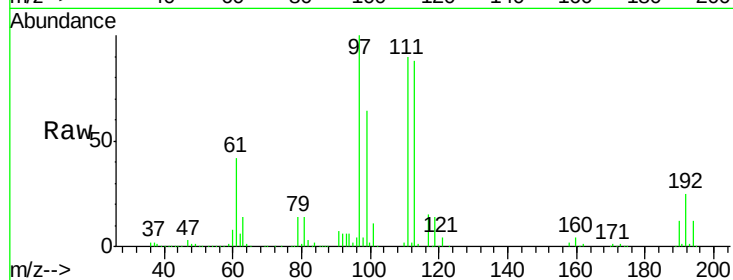
Tgt Ion:113 Resp: 212942

Ion Ratio Lower Upper

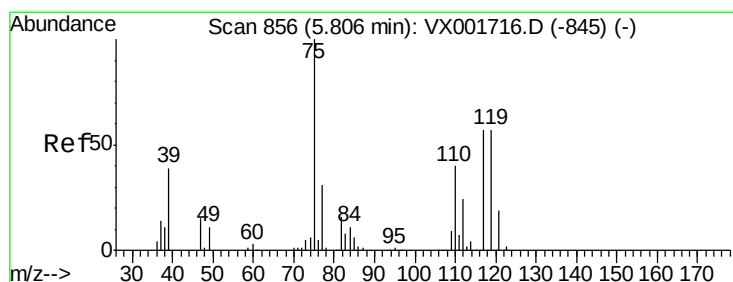
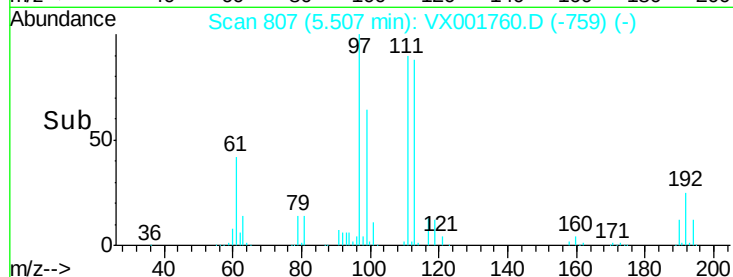
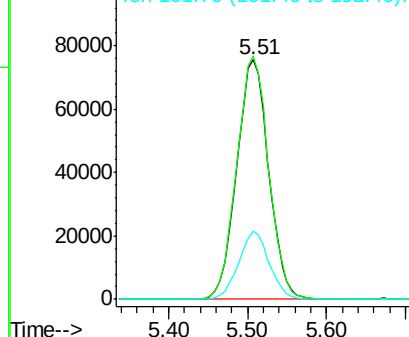
113 100

111 101.3 82.0 123.0

192 27.3 21.6 32.4



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: 49.15 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

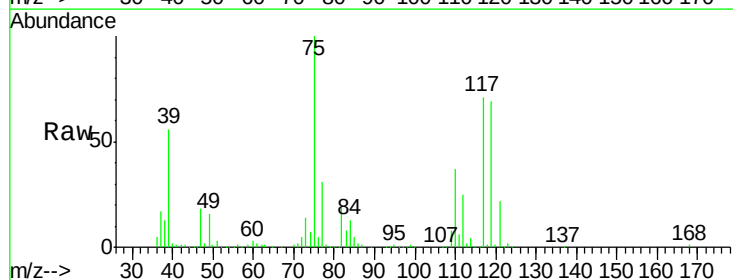
Tgt Ion: 75 Resp: 254214

Ion Ratio Lower Upper

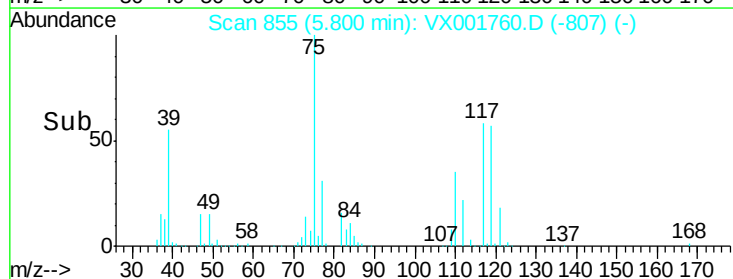
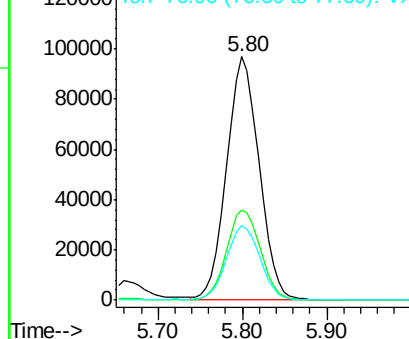
75 100

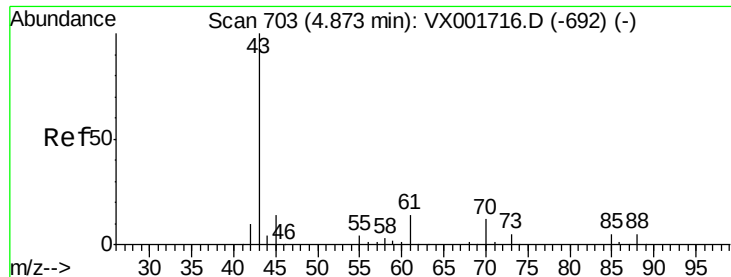
110 38.6 19.1 57.1

77 31.2 24.6 37.0



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

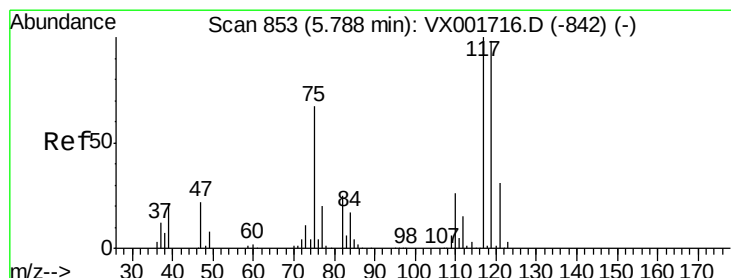
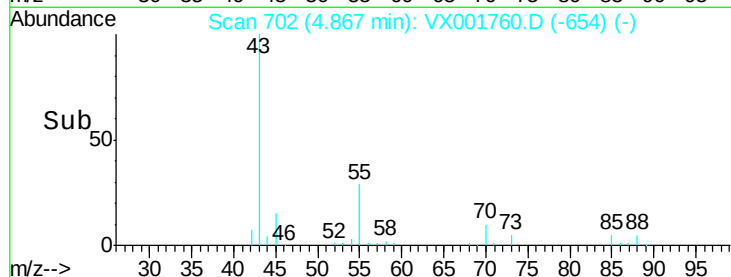
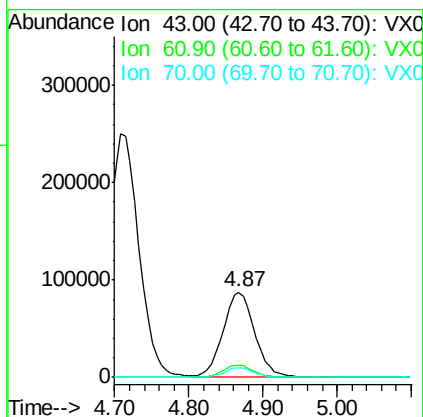
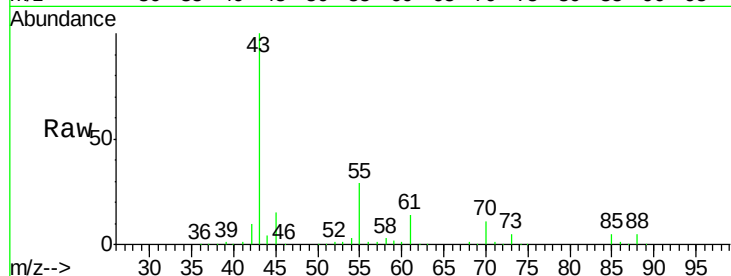




#37
Ethyl Acetate
Concen: 48.09 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

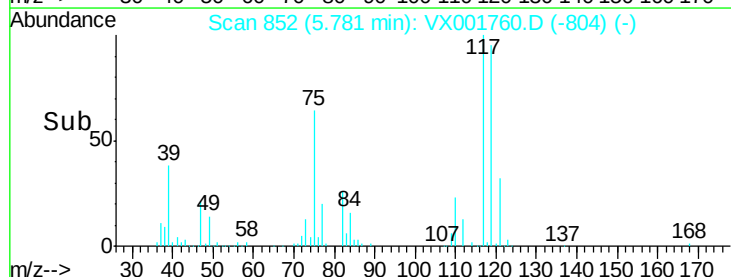
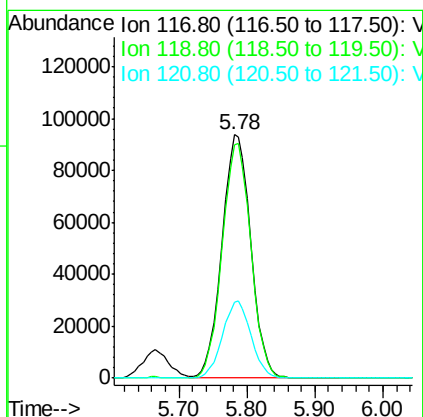
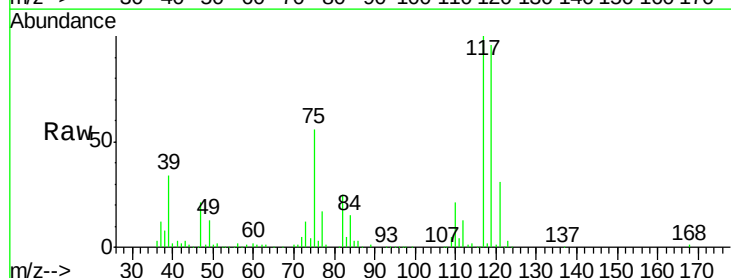
Instrument :
MSVOA_X
ClientSampleId :
BFB

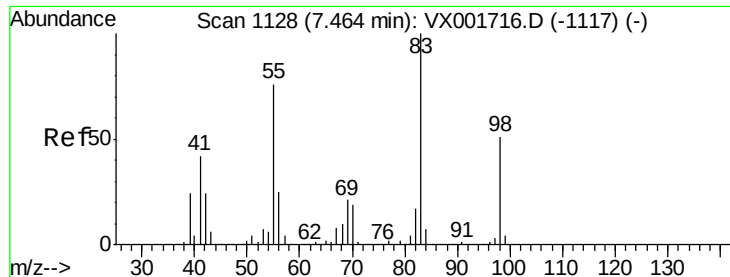
Tgt Ion: 43 Resp: 259243
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 50.84 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 117 Resp: 275470
Ion Ratio Lower Upper
117 100
119 96.0 77.6 116.4
121 31.3 24.6 36.8

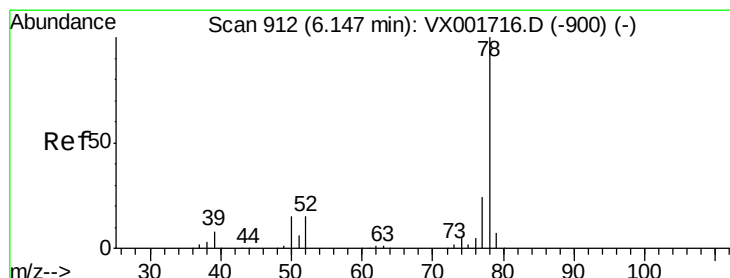
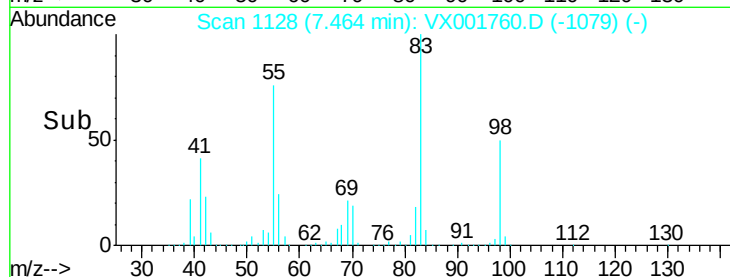
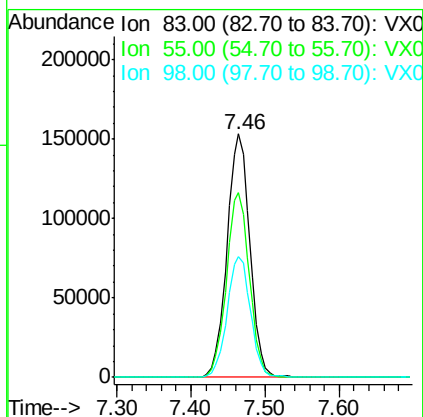
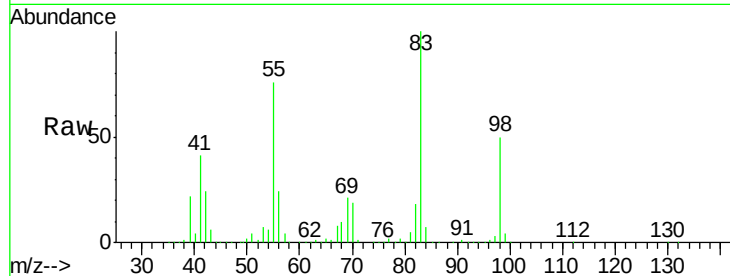




#39
Methylcyclohexane
Concen: 54.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

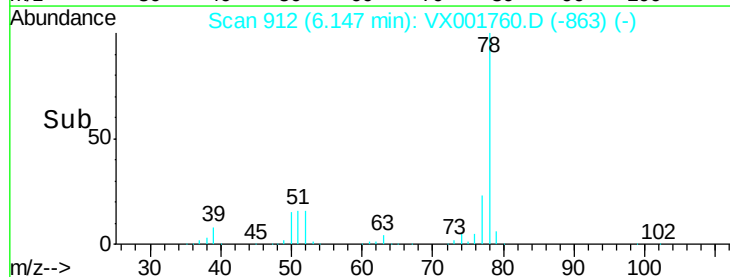
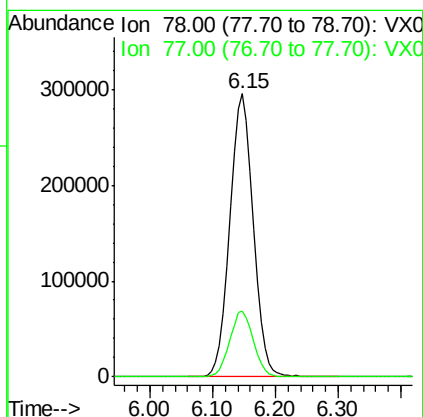
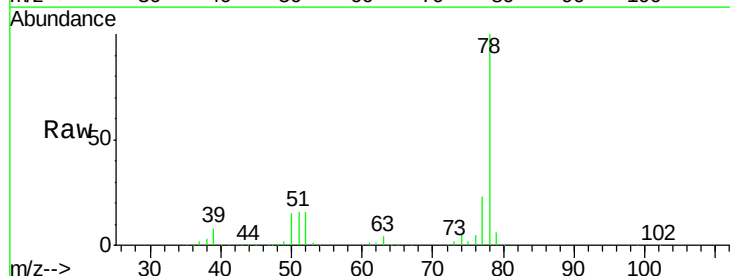
Instrument :
MSVOA_X
ClientSampled :
BFB

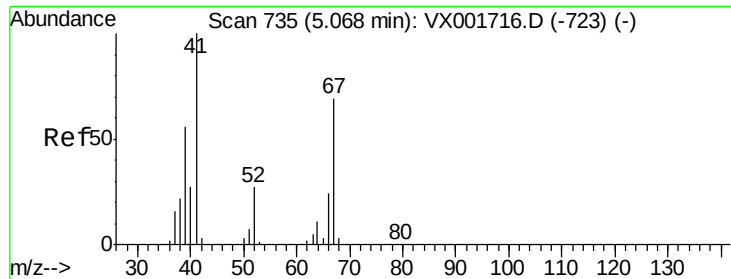
Tgt Ion: 83 Resp: 328728
Ion Ratio Lower Upper
83 100
55 75.9 60.6 90.8
98 49.8 40.4 60.6



#40
Benzene
Concen: 50.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 78 Resp: 763221
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4

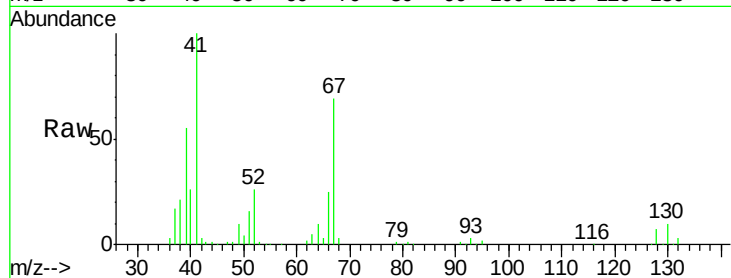




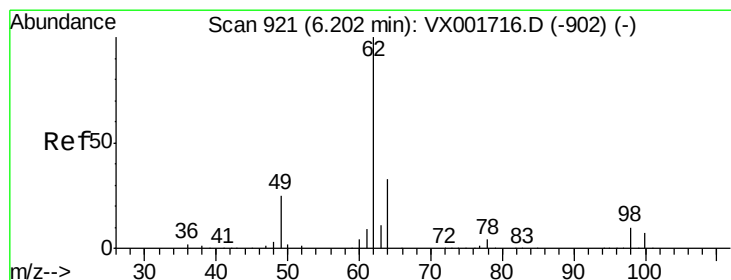
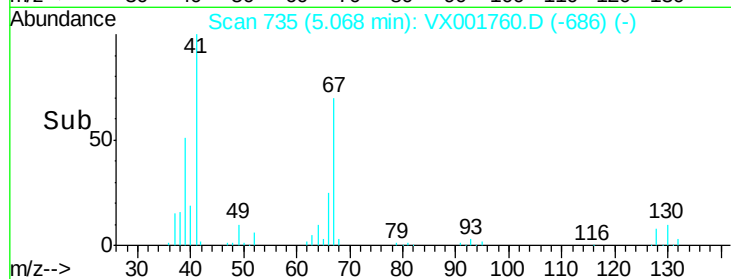
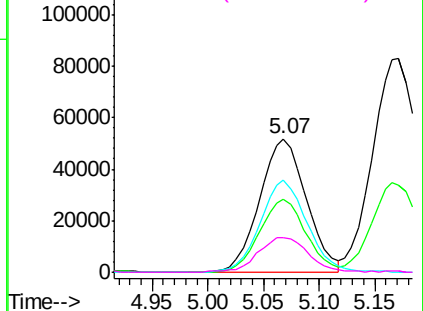
#41
Methacrylonitrile
Concen: 48.18 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:	41	Resp:	150186
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.2	66.4
67	69.6	56.0	84.0
52	27.9	22.6	33.8

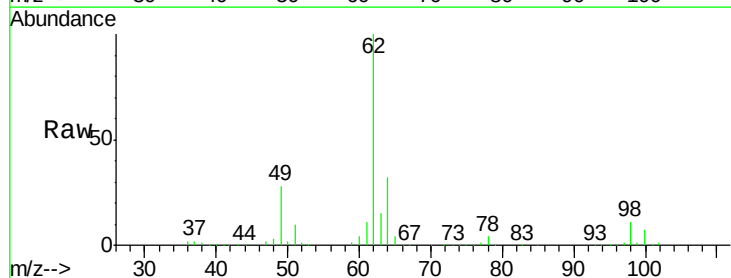


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

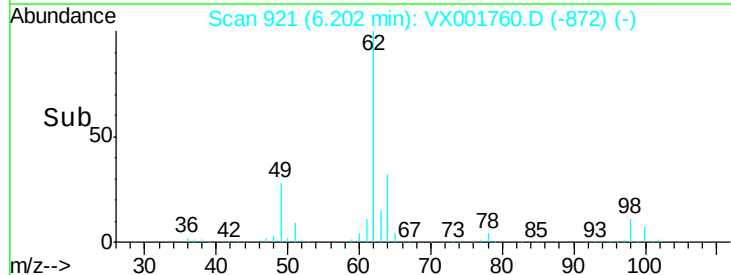
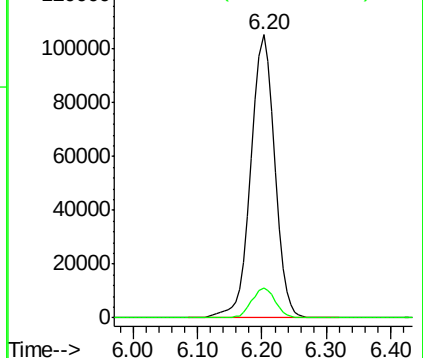


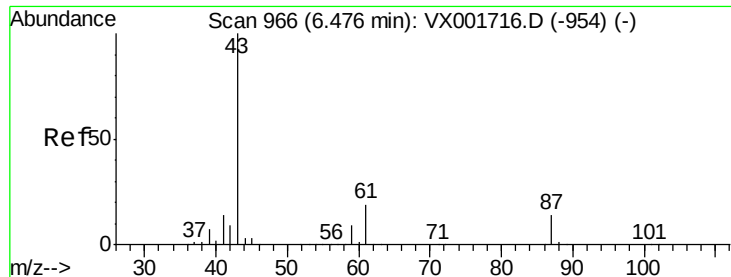
#42
1,2-Dichloroethane
Concen: 48.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:	62	Resp:	266298
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.0



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





#43

Isopropyl Acetate

Concen: 48.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

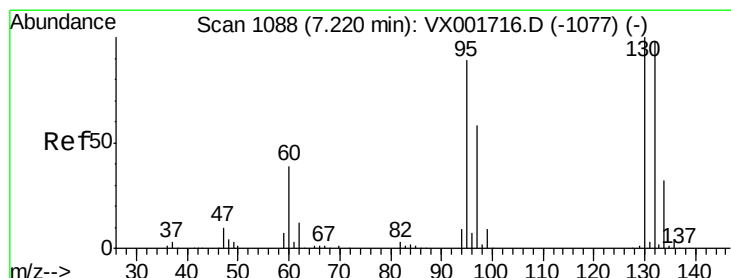
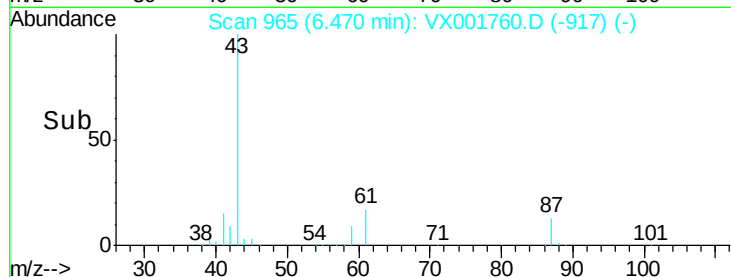
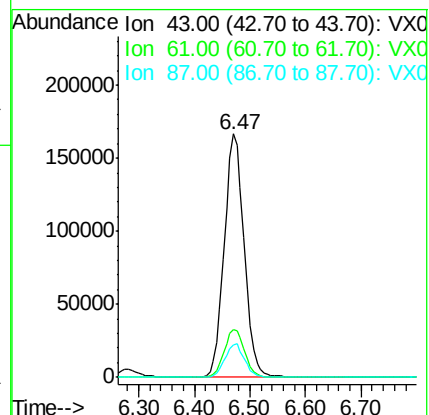
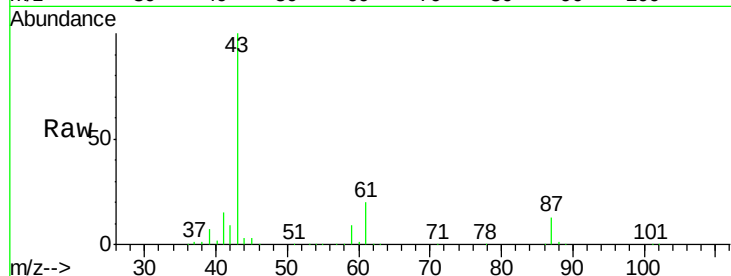
Tgt Ion: 43 Resp: 411247

Ion Ratio Lower Upper

43 100

61 20.2 15.8 23.8

87 13.6 11.0 16.4



#44

Trichloroethene

Concen: 49.89 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001760.D

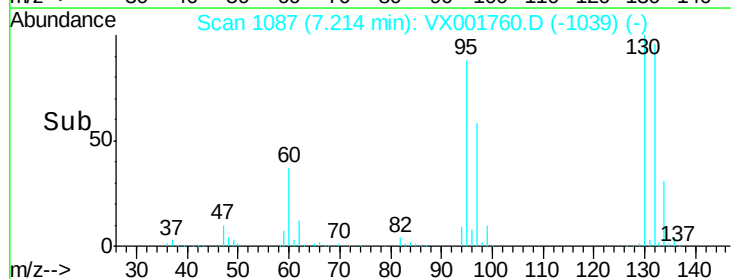
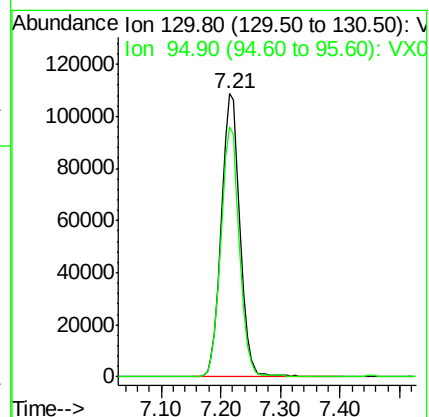
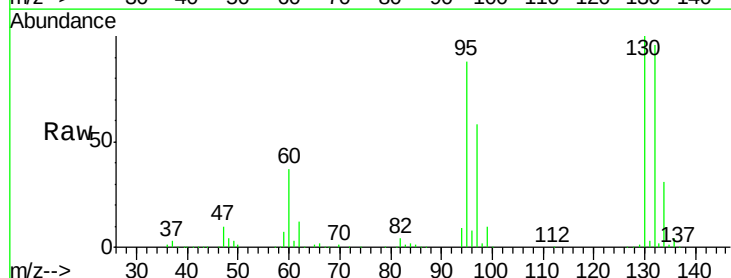
Acq: 16 May 2018 11:17

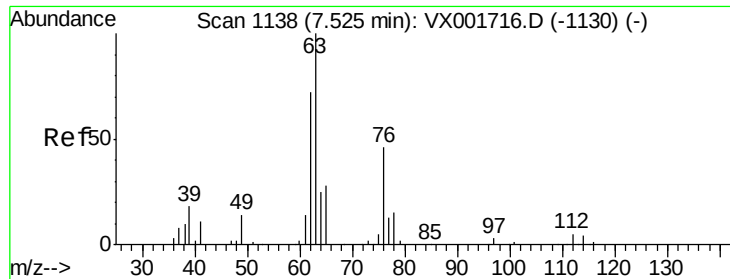
Tgt Ion: 130 Resp: 235975

Ion Ratio Lower Upper

130 100

95 88.5 0.0 177.2

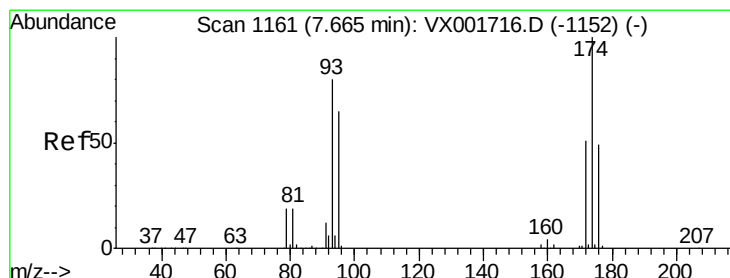
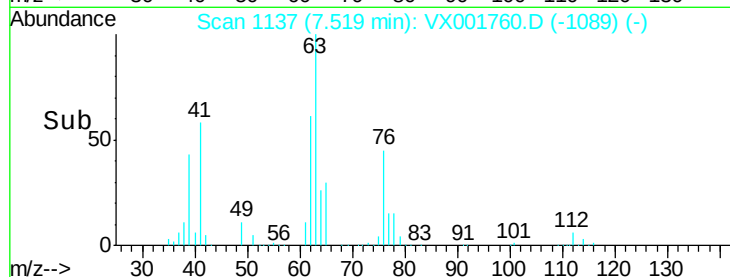
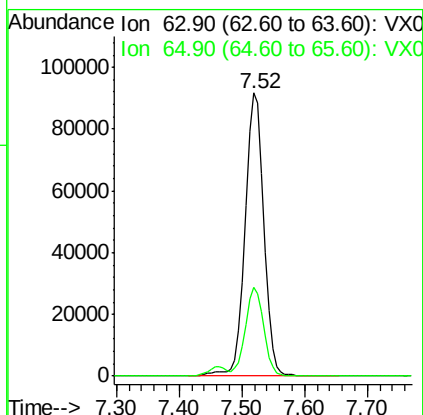
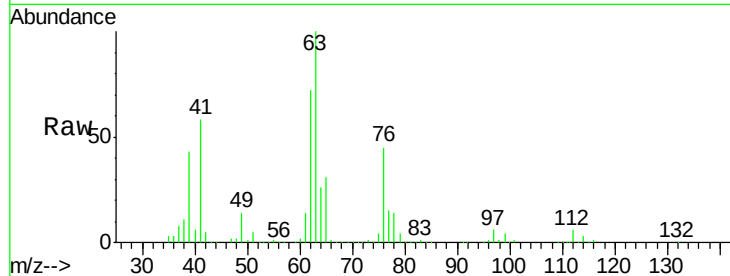




#45
 1,2-Dichloropropane
 Concen: 50.69 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

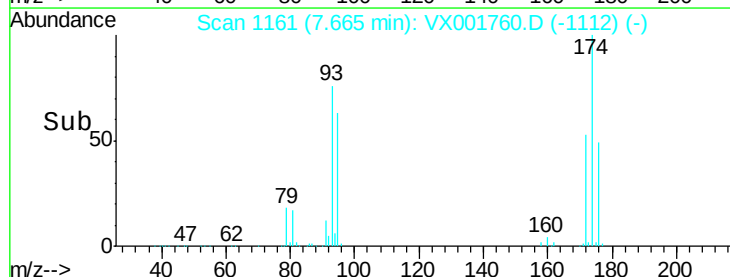
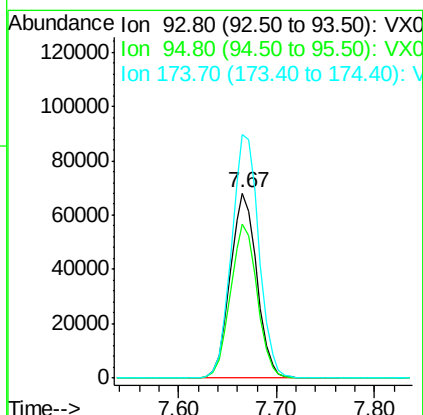
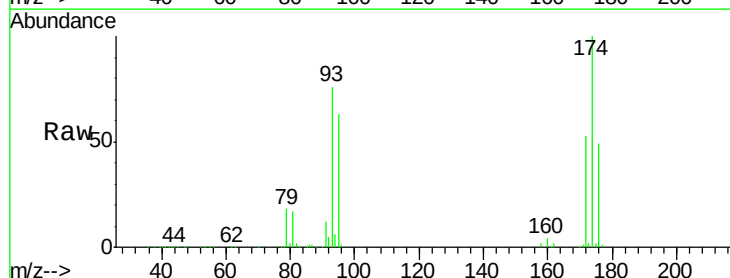
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

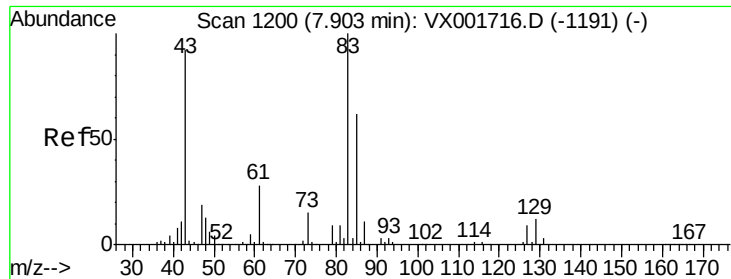
Tgt Ion: 63 Resp: 189564
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.2 36.2



#46
 Dibromomethane
 Concen: 48.86 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 93 Resp: 128302
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 135.1 106.2 159.2





#47

Bromodichloromethane

Concen: 52.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

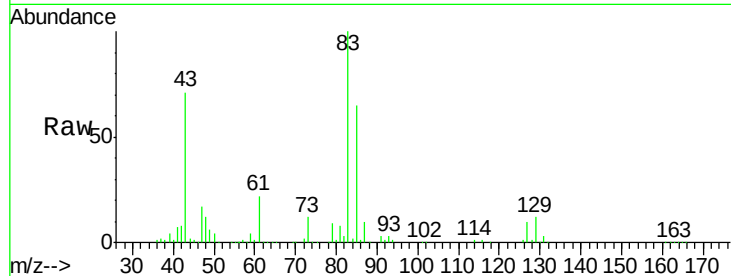
Tgt Ion: 83 Resp: 254250

Ion Ratio Lower Upper

83 100

85 64.9 49.6 74.4

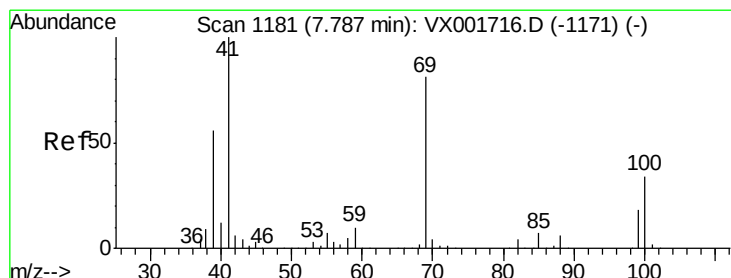
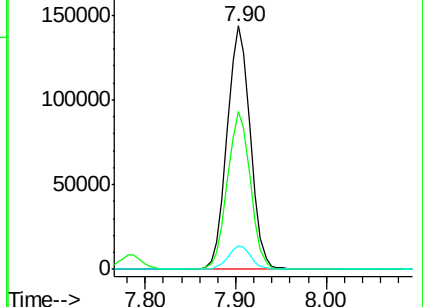
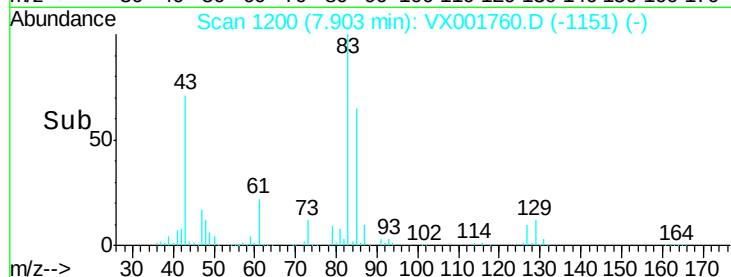
127 9.7 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.88 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

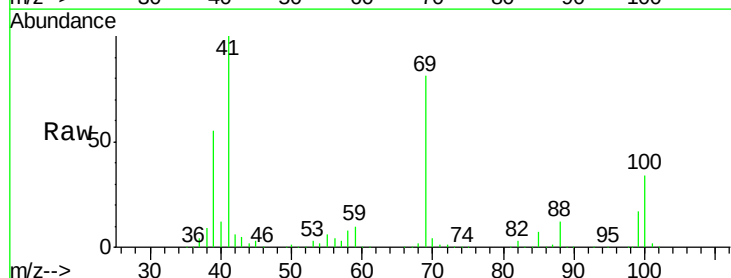
Tgt Ion: 41 Resp: 221509

Ion Ratio Lower Upper

41 100

69 83.7 65.2 97.8

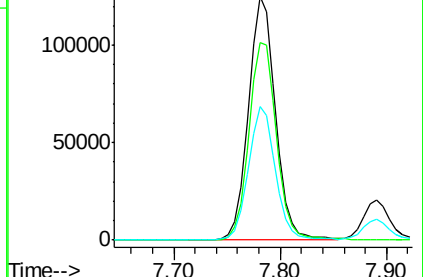
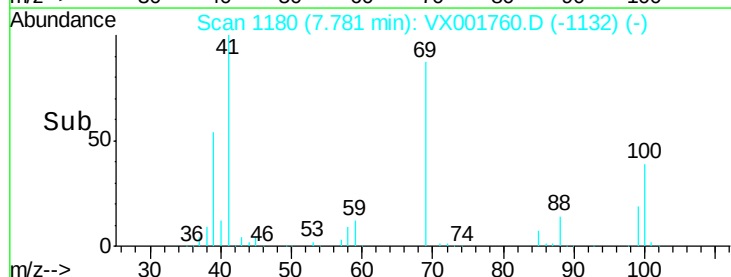
39 54.6 44.5 66.7

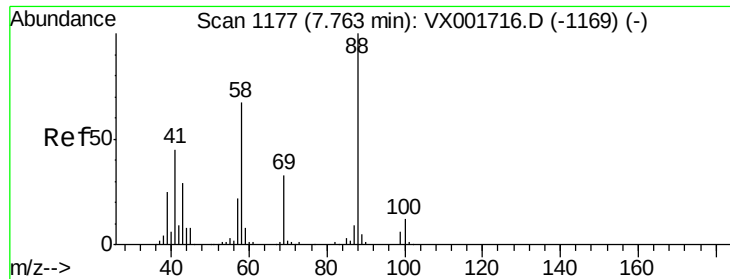


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

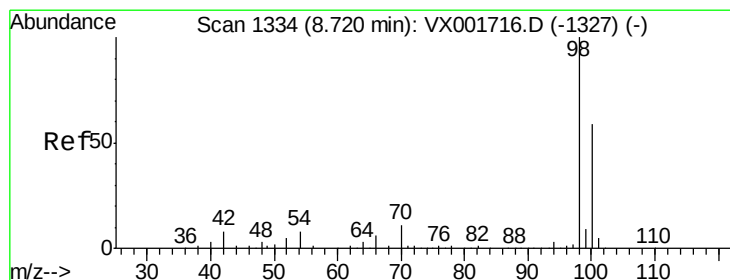
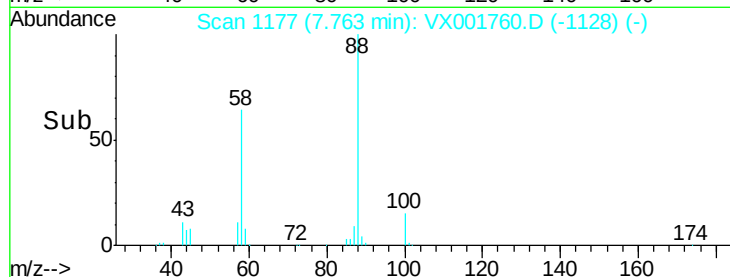
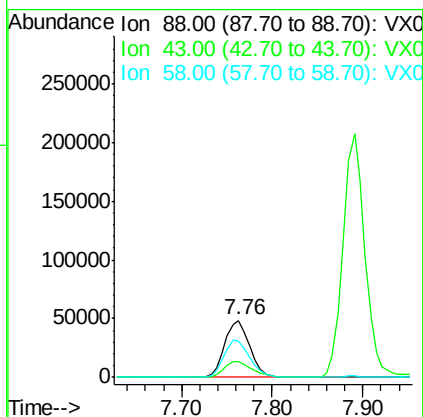
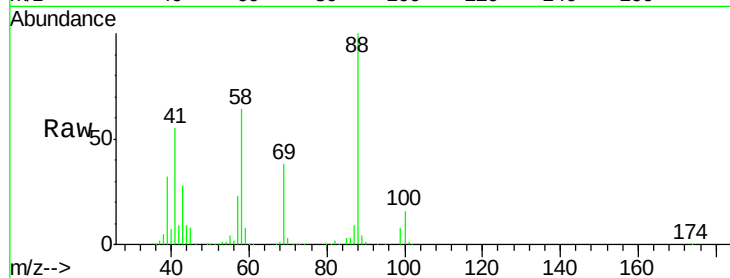




#49
 1,4-Dioxane
 Concen: 1096.57 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

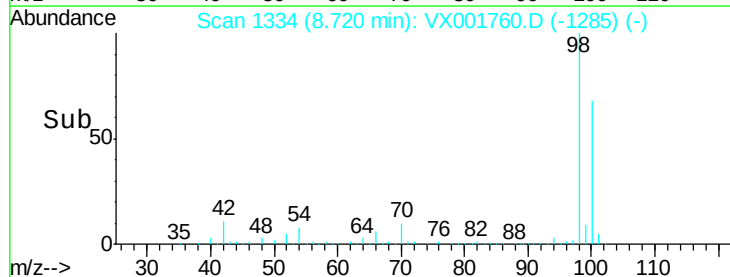
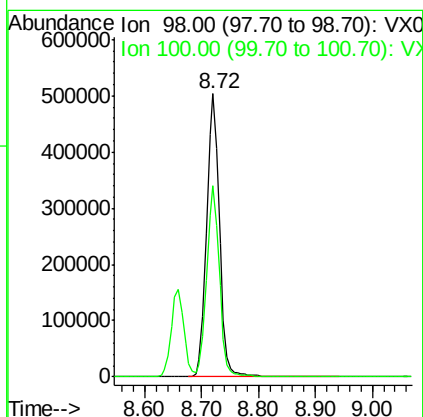
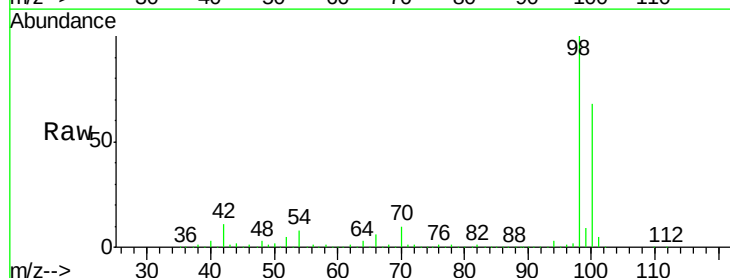
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

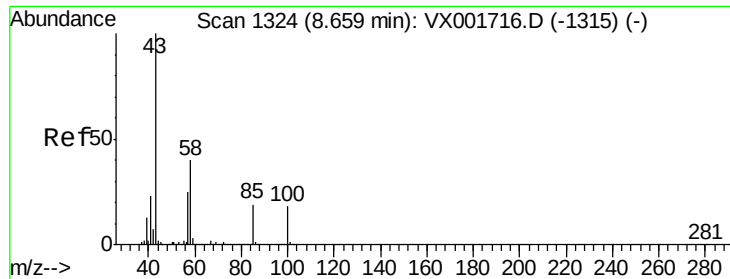
Tgt Ion: 88 Resp: 93759
 Ion Ratio Lower Upper
 88 100
 43 31.2 27.3 40.9
 58 68.2 55.9 83.9



#50
 Toluene-d8
 Concen: 58.62 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 98 Resp: 796040
 Ion Ratio Lower Upper
 98 100
 100 66.7 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 258.03 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

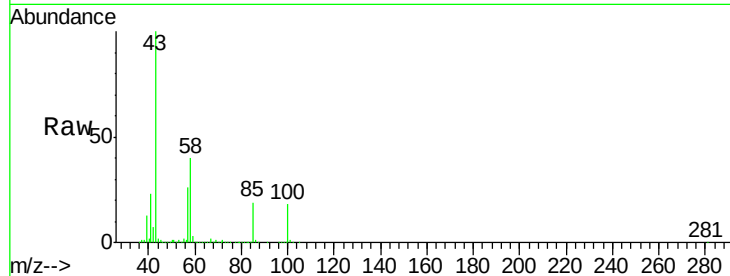
BFB

Tgt Ion: 43 Resp: 1379569

Ion Ratio Lower Upper

43 100

58 39.4 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

800000

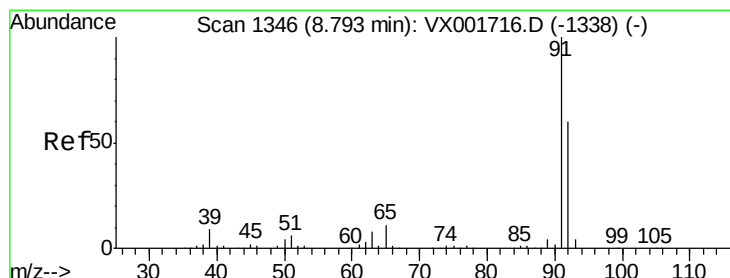
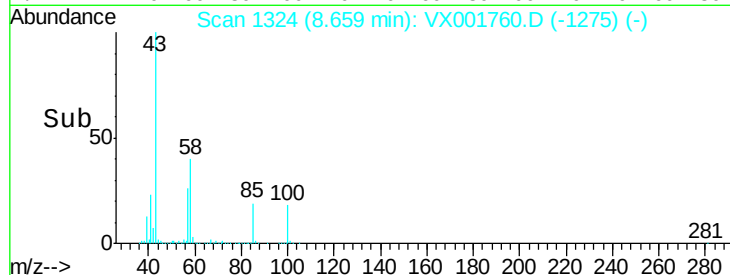
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.93 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001760.D

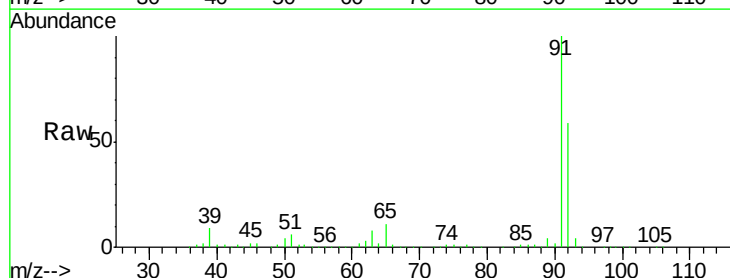
Acq: 16 May 2018 11:17

Tgt Ion: 92 Resp: 508546

Ion Ratio Lower Upper

92 100

91 169.3 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

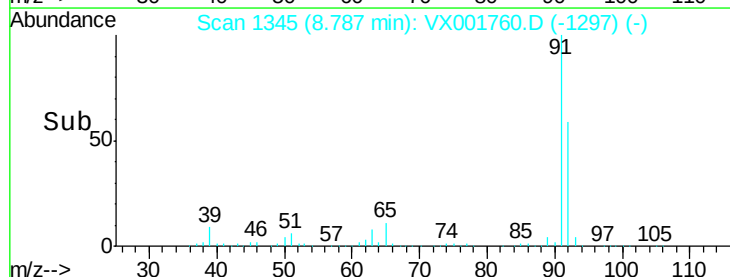
300000

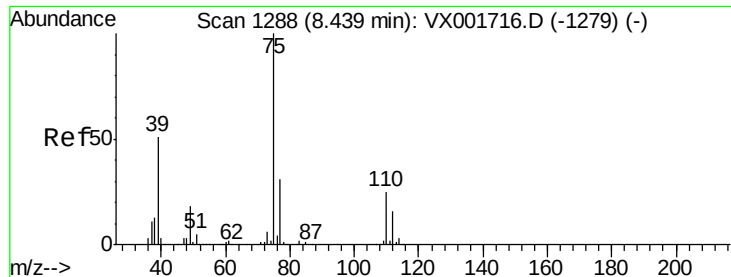
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.97 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

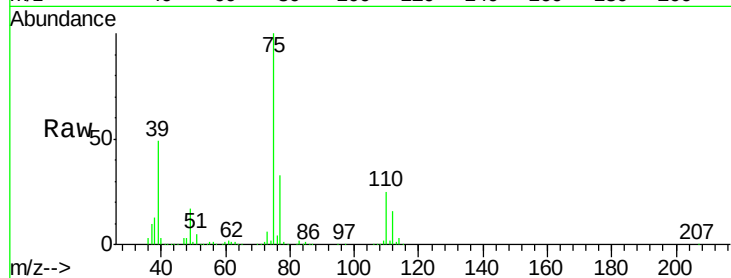
BFB

Tgt Ion: 75 Resp: 303649

Ion Ratio Lower Upper

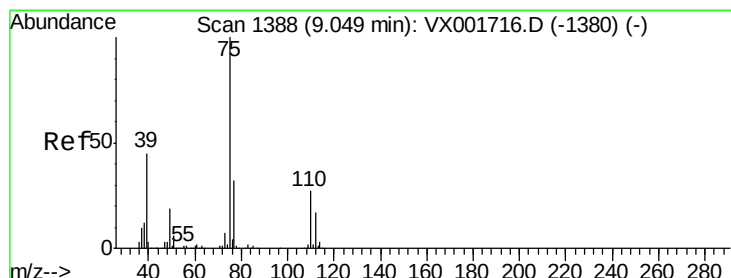
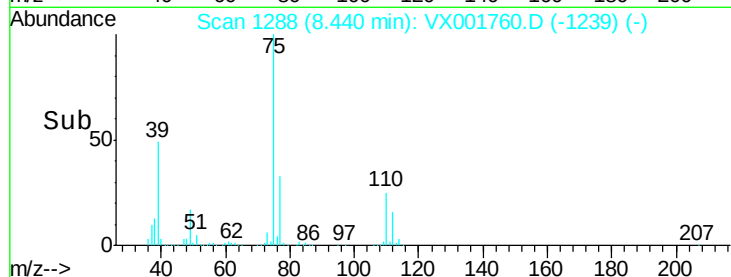
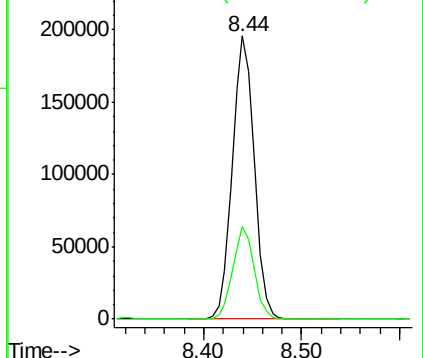
75 100

77 32.5 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.98 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

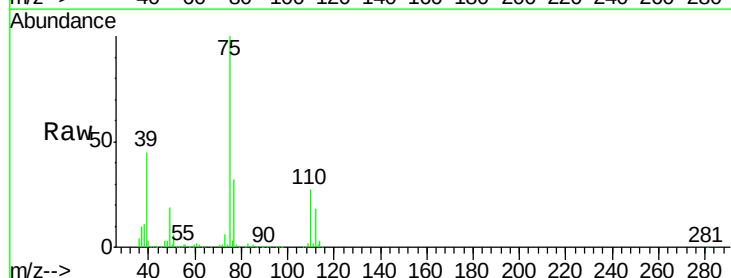
Tgt Ion: 75 Resp: 272802

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

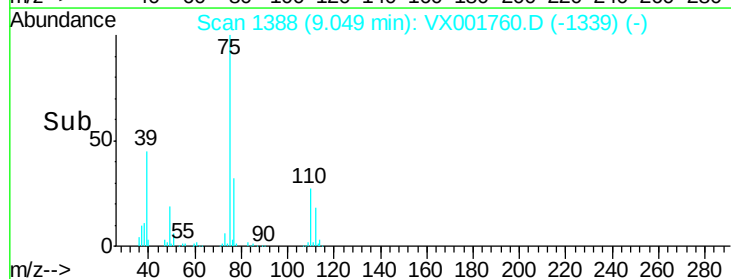
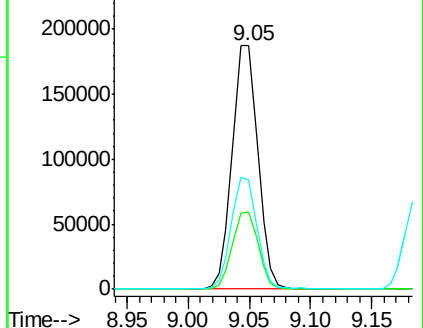
39 44.8 36.1 54.1

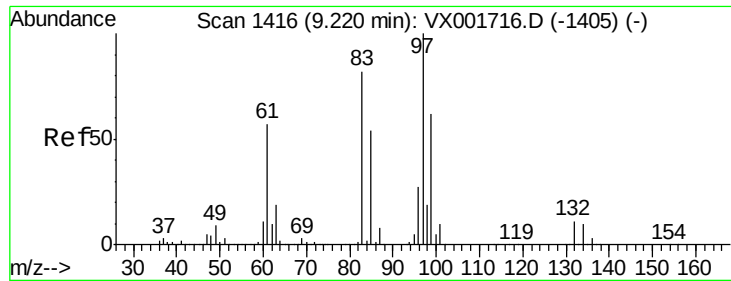


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

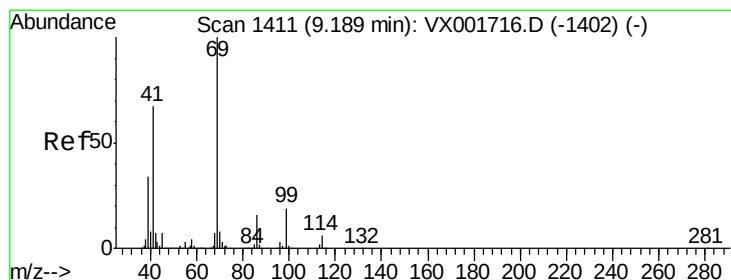
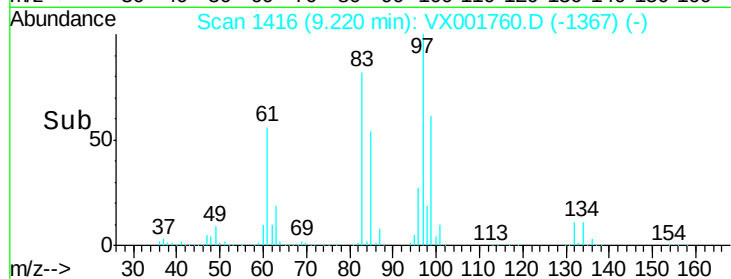
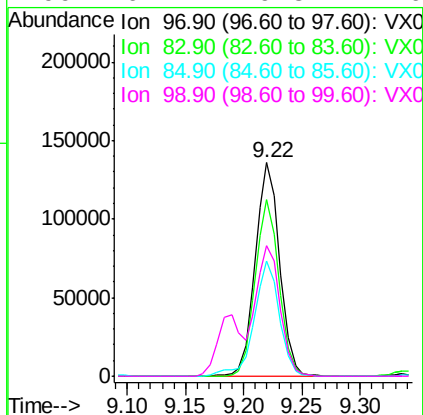
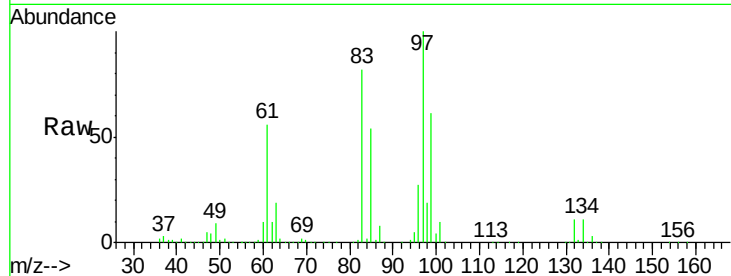




#55
 1,1,2-Trichloroethane
 Concen: 52.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

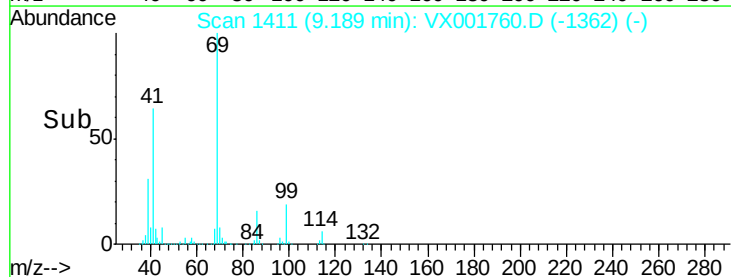
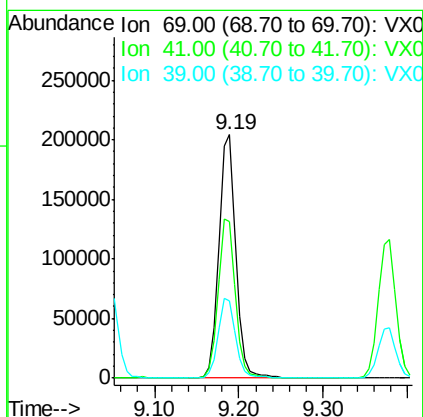
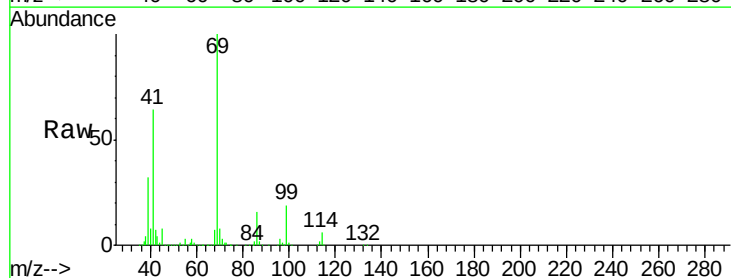
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

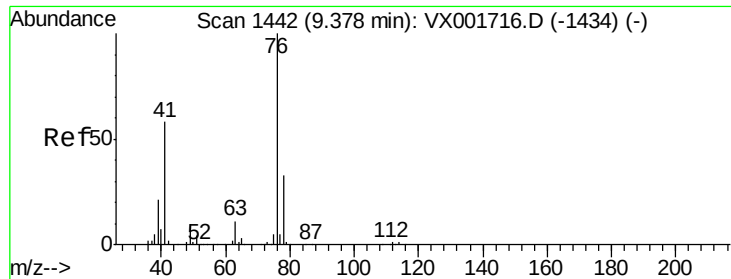
Tgt Ion:	97	Resp:	198141
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.8
85	53.7	43.4	65.0
99	61.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 53.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion:	69	Resp:	285245
Ion	Ratio	Lower	Upper
69	100		
41	66.3	53.5	80.3
39	33.7	27.2	40.8

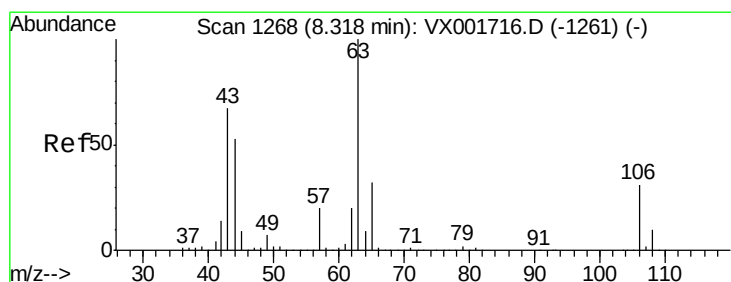
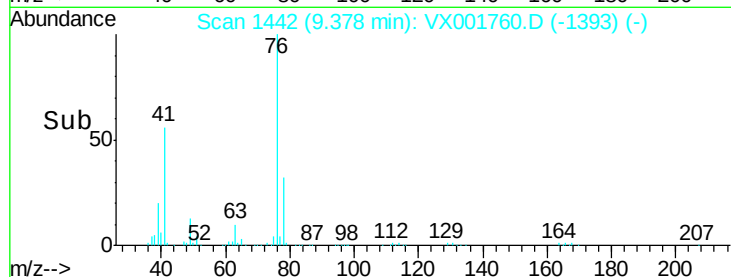
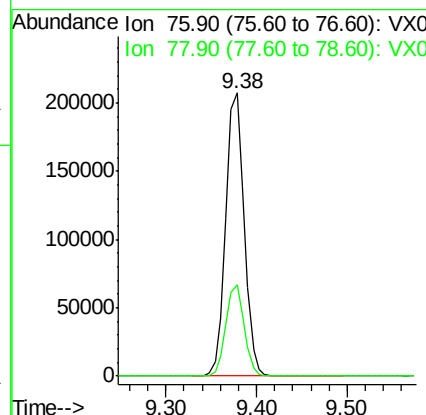
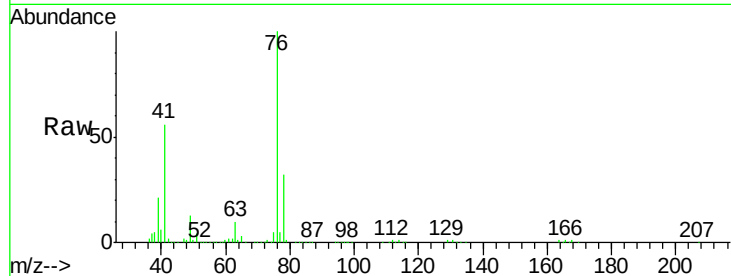




#57
 1,3-Dichloropropane
 Concen: 47.13 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

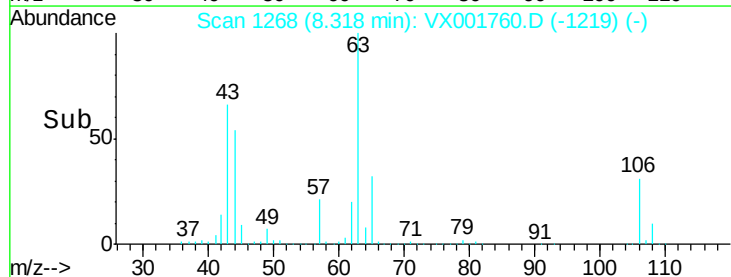
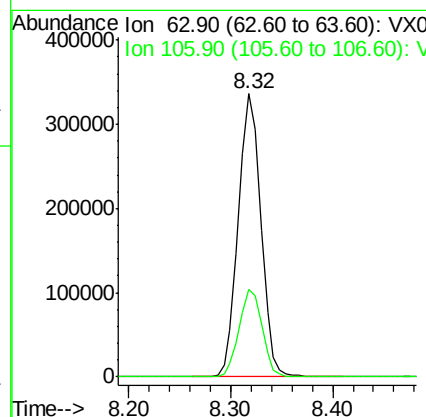
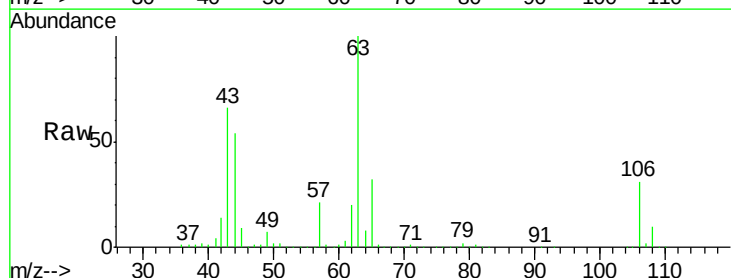
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

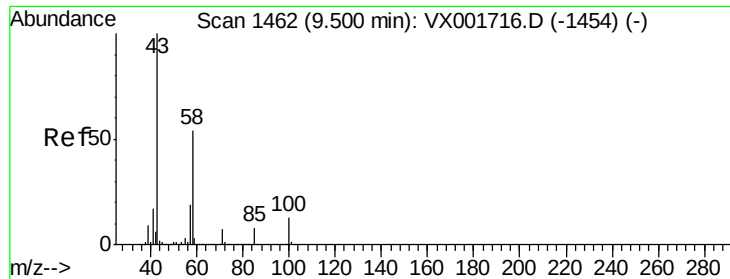
Tgt Ion: 76 Resp: 295346
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 188.51 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 63 Resp: 514745
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.1 37.7

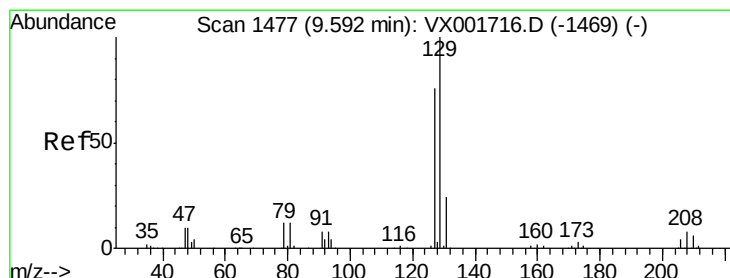
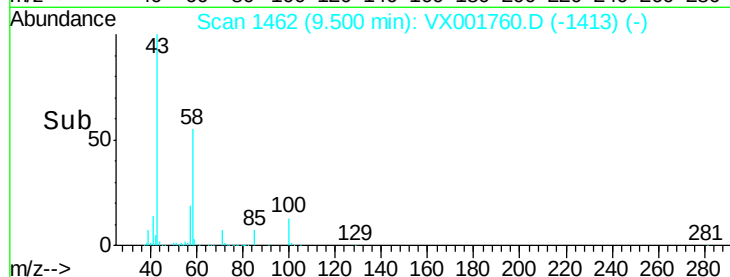
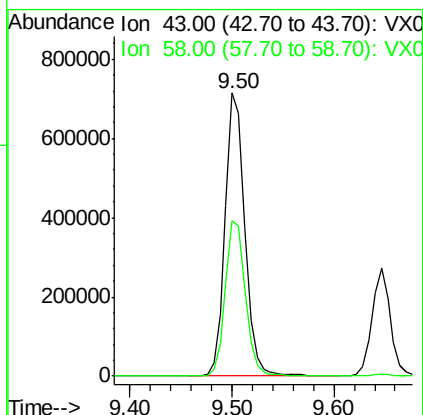
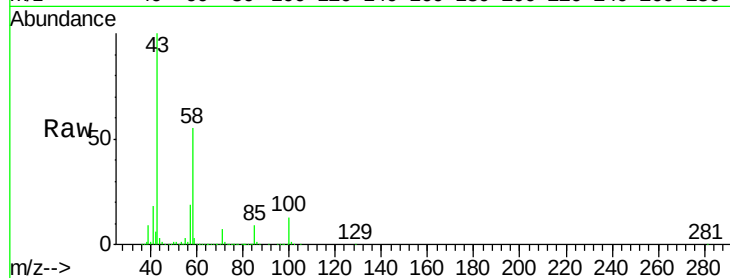




#59
2-Hexanone
Concen: 251.40 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

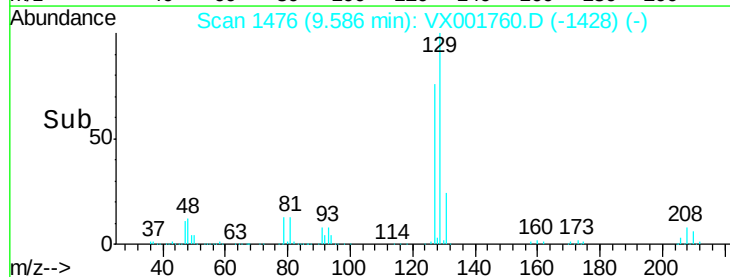
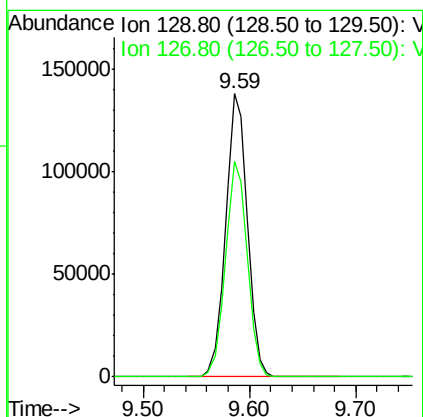
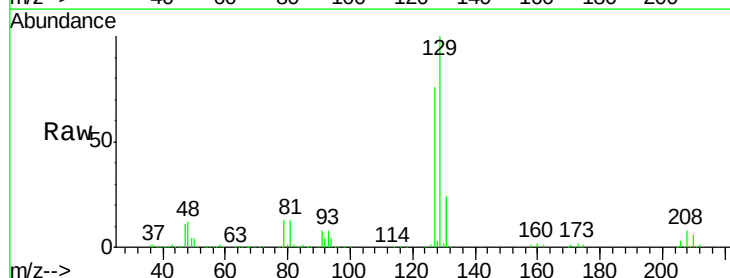
Instrument :
MSVOA_X
ClientSampleId :
BFB

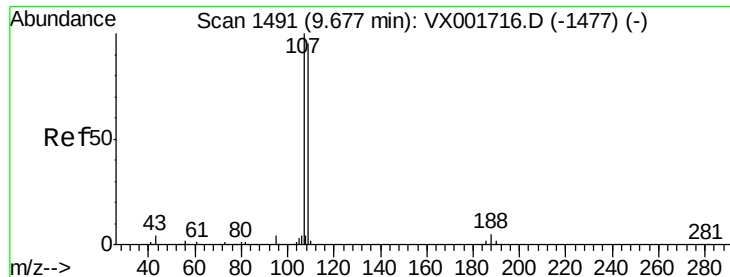
Tgt Ion: 43 Resp: 962192
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 51.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 129 Resp: 197176
Ion Ratio Lower Upper
129 100
127 76.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 48.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

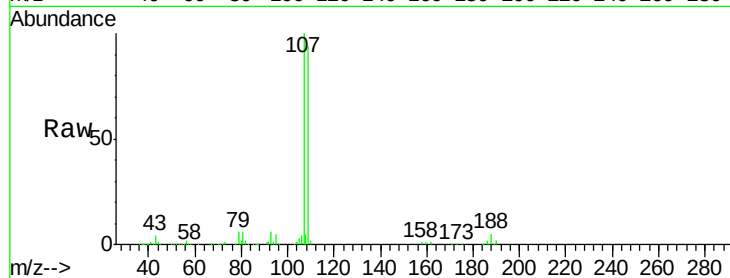
BFB

Tgt Ion: 107 Resp: 189795

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

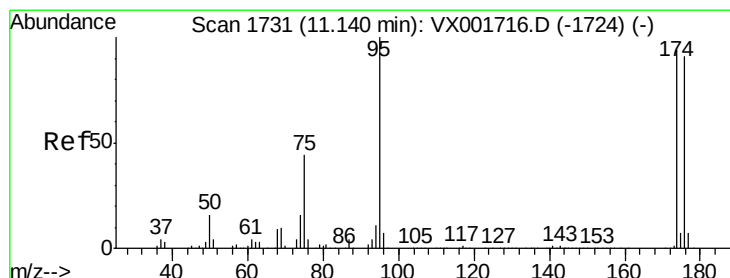
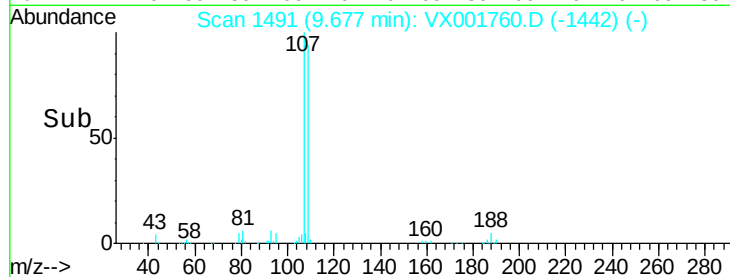
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

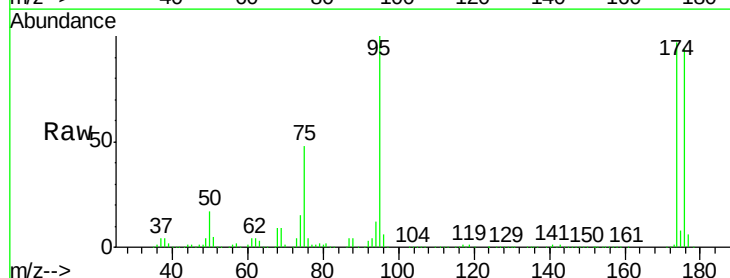
Tgt Ion: 95 Resp: 260042

Ion Ratio Lower Upper

95 100

174 103.0 0.0 201.8

176 99.5 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

250000

200000

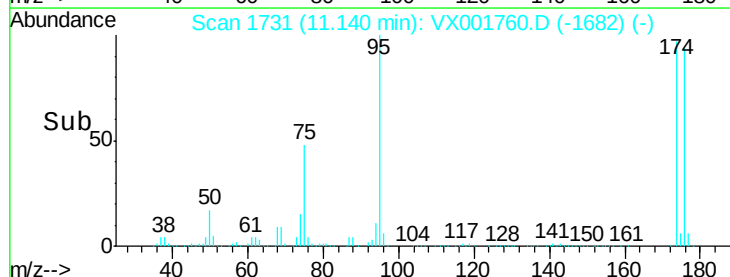
150000

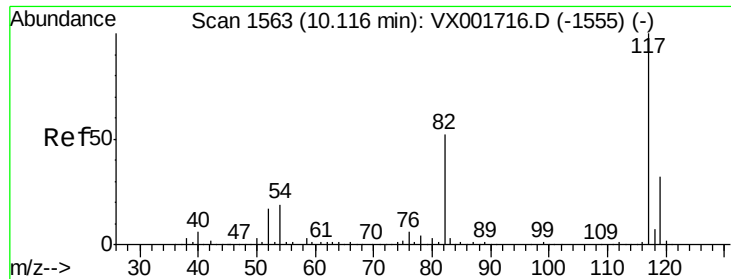
100000

50000

0

Time-->

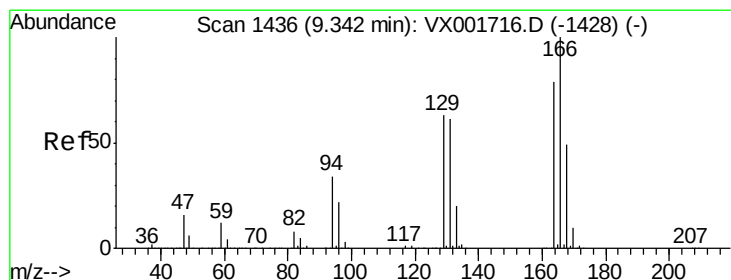
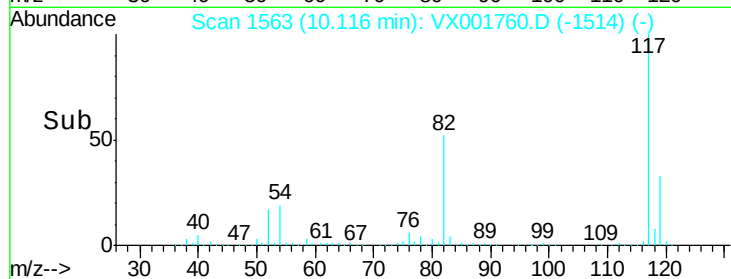
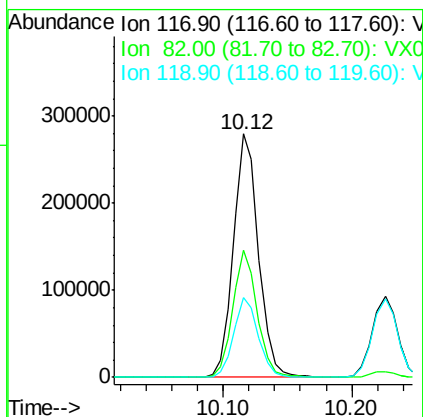
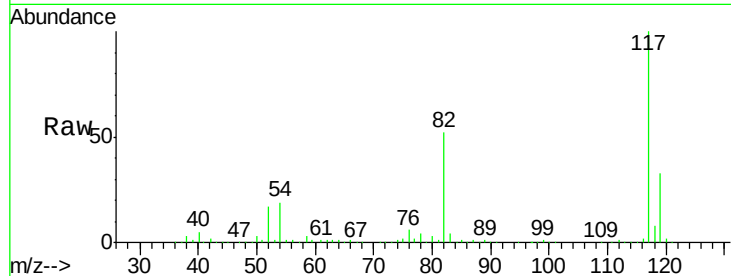




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

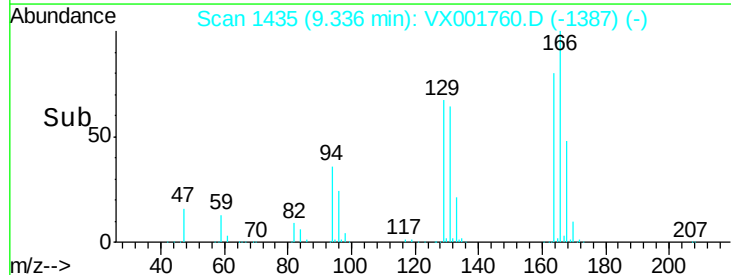
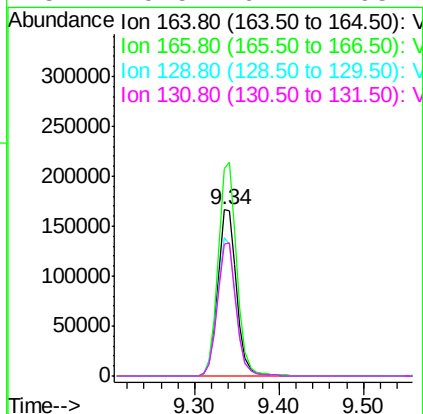
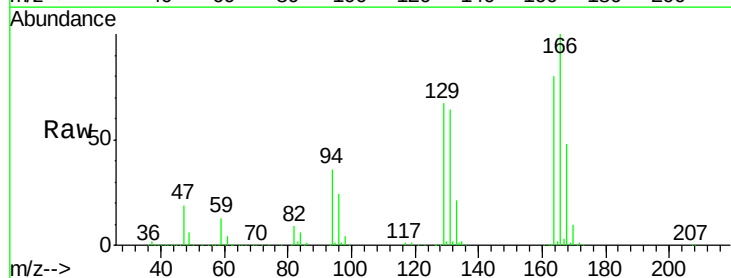
Instrument :
MSVOA_X
ClientSampled :
BFB

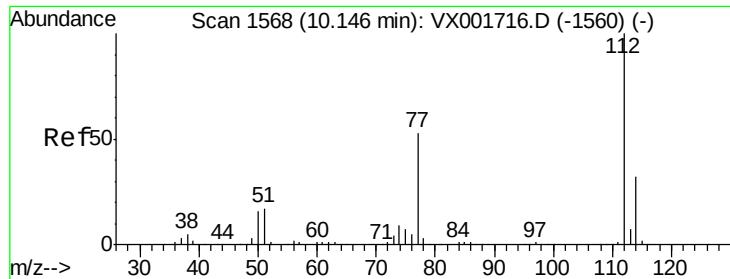
Tgt Ion:117 Resp: 379918
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.2
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 51.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:164 Resp: 255034
Ion Ratio Lower Upper
164 100
166 125.1 101.8 152.8
129 83.2 63.8 95.6
131 79.5 62.2 93.2

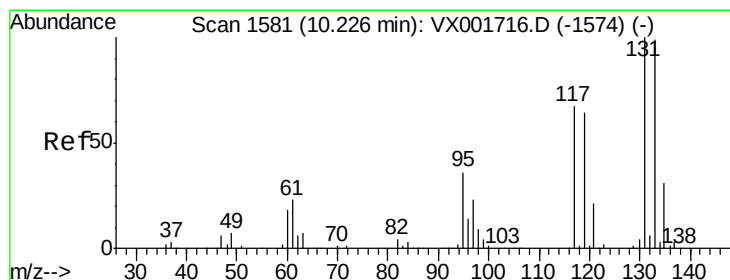
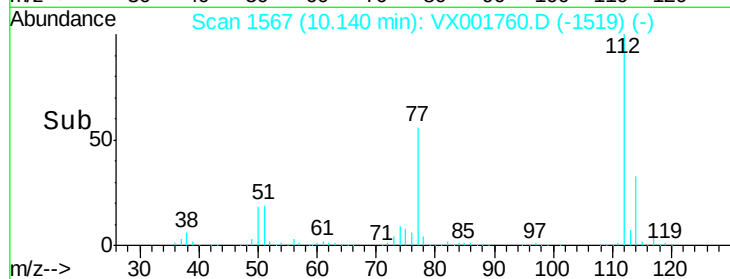
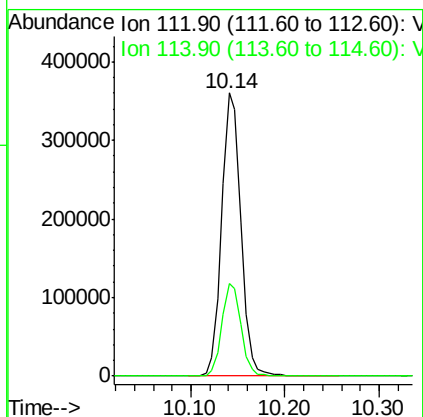
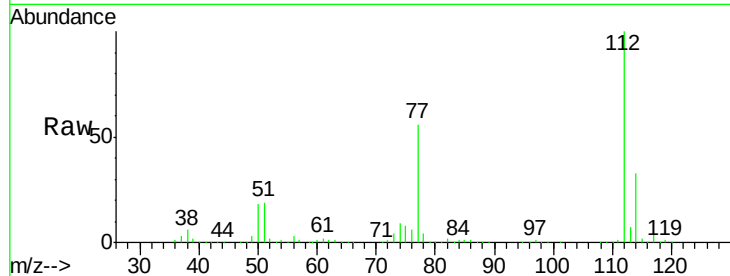




#65
Chlorobenzene
Concen: 48.86 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

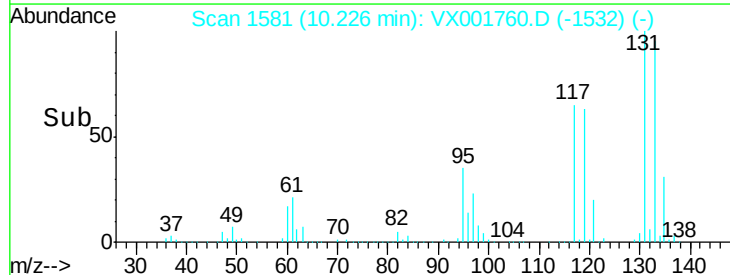
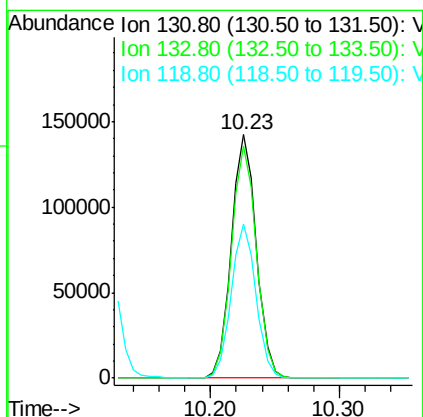
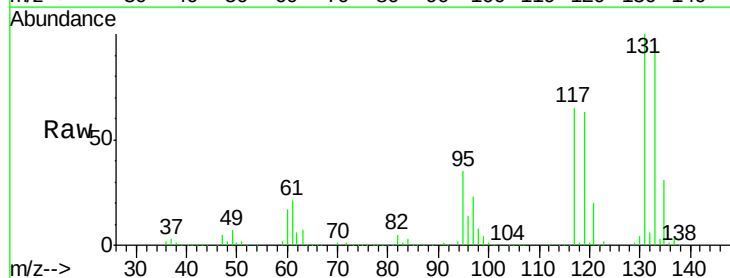
Instrument :
MSVOA_X
ClientSampleId :
BFB

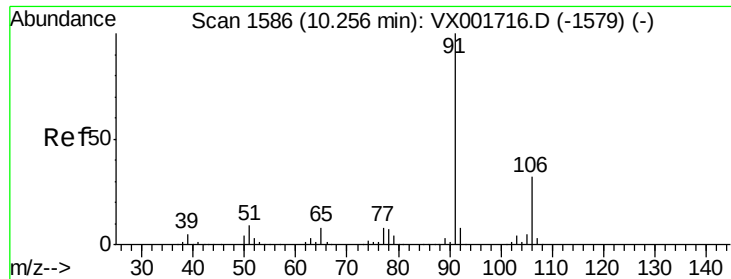
Tgt Ion:112 Resp: 510590
Ion Ratio Lower Upper
112 100
114 32.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.21 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:131 Resp: 192719
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.6
119 62.8 31.9 95.5

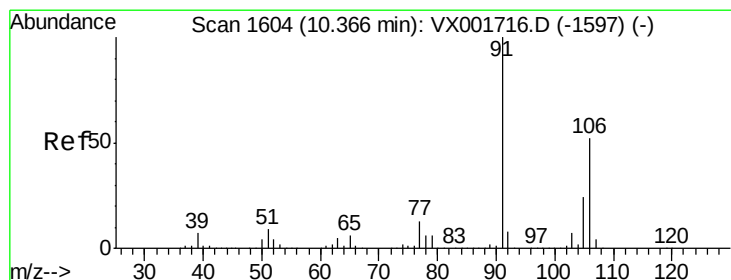
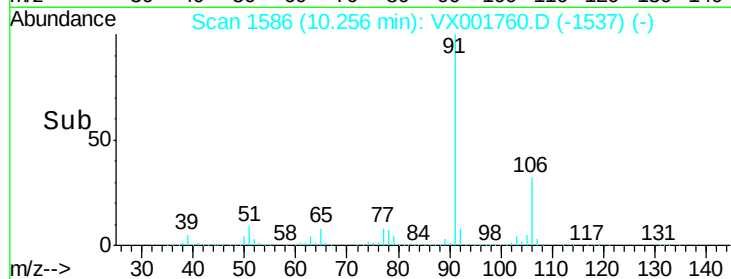
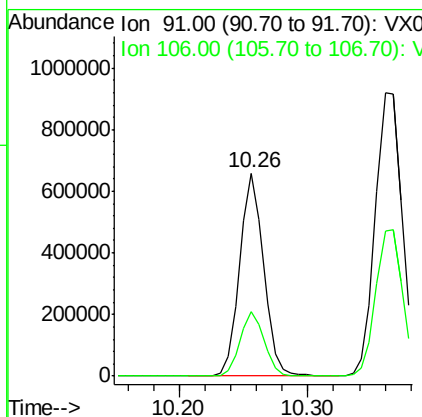
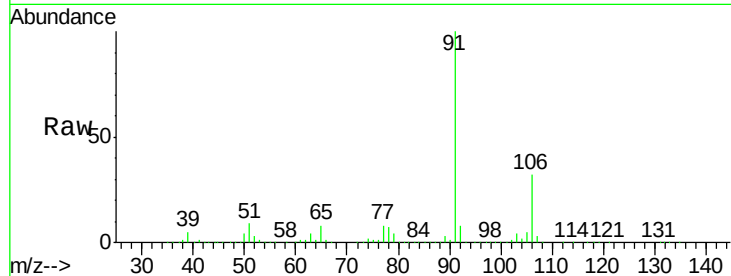




#67
Ethyl Benzene
Concen: 51.18 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

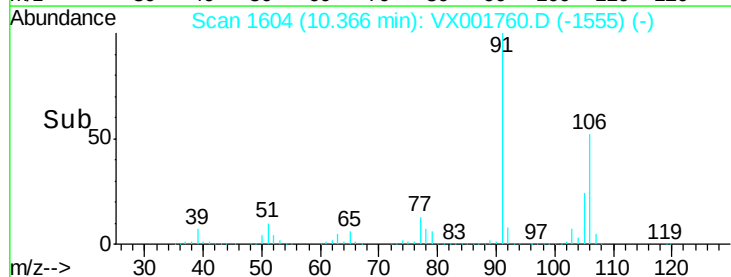
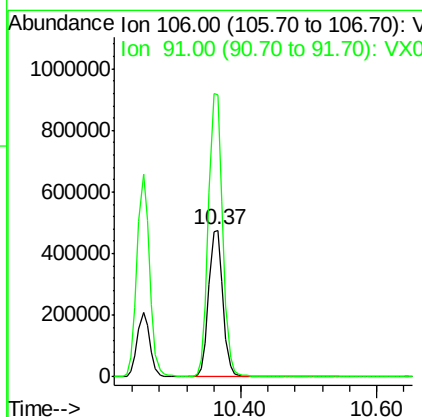
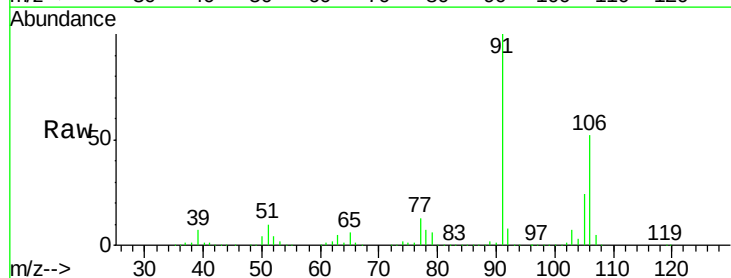
Instrument :
MSVOA_X
ClientSampled :
BFB

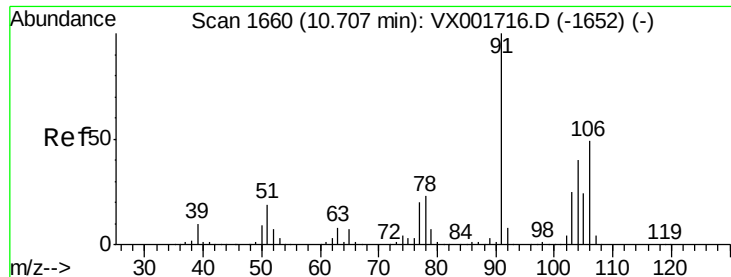
Tgt Ion: 91 Resp: 854811
Ion Ratio Lower Upper
91 100
106 32.0 25.7 38.5



#68
m/p-Xylenes
Concen: 104.79 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 106 Resp: 690478
Ion Ratio Lower Upper
106 100
91 193.6 155.4 233.2

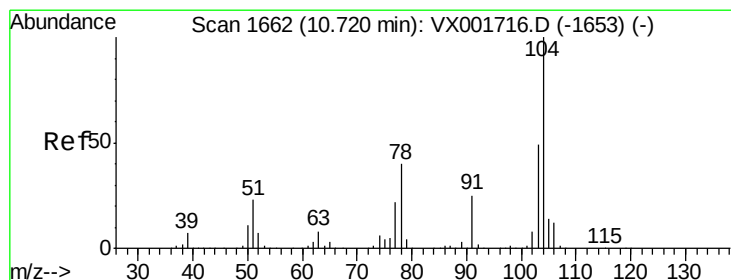
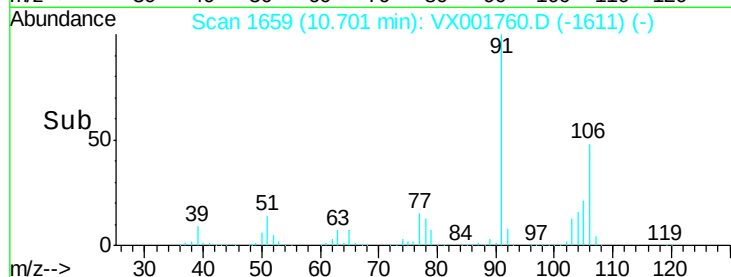
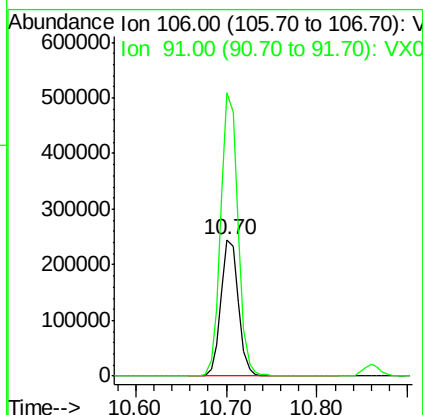
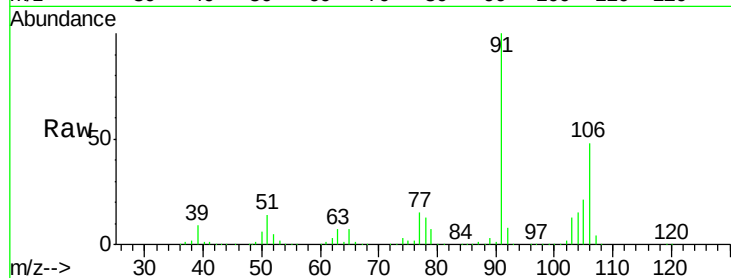




#69
o-Xylene
Concen: 52.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

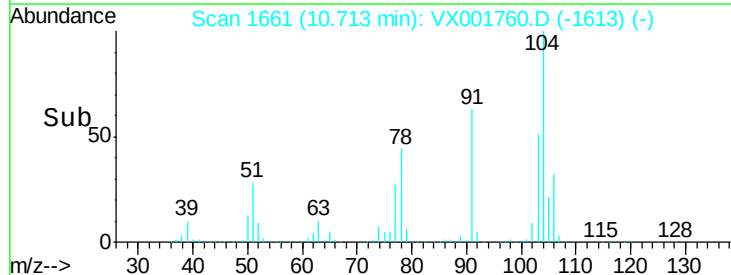
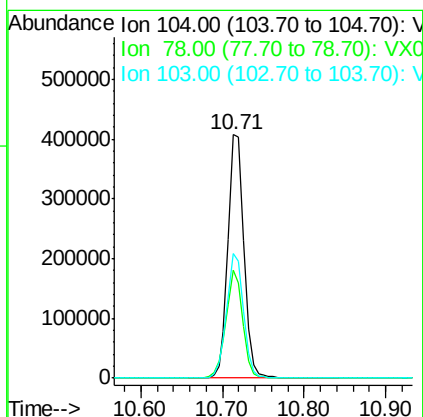
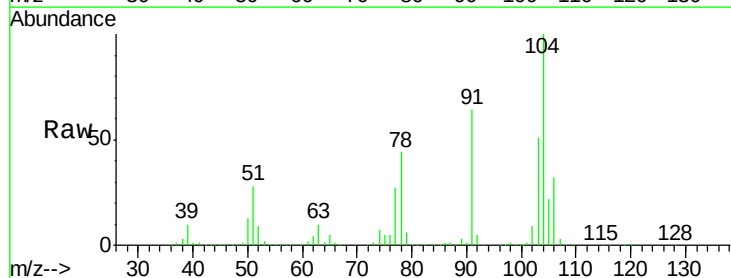
Instrument :
MSVOA_X
ClientSampled :
BFB

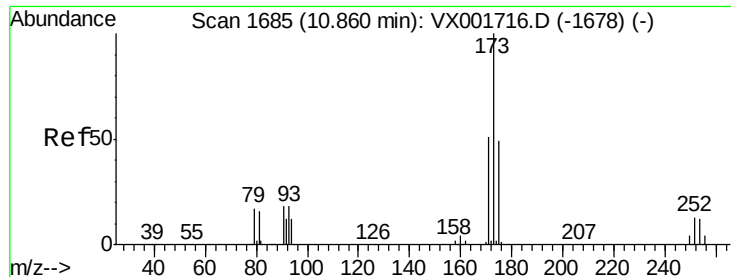
Tgt Ion:106 Resp: 330018
Ion Ratio Lower Upper
106 100
91 205.3 103.4 310.2



#70
Styrene
Concen: 52.94 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:104 Resp: 550968
Ion Ratio Lower Upper
104 100
78 46.4 37.3 55.9
103 54.3 43.7 65.5





#71

Bromoform

Concen: 46.85 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

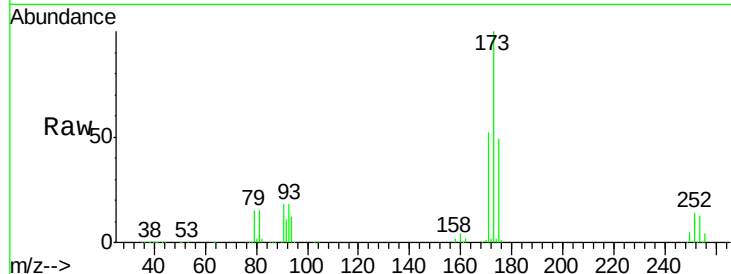
Tgt Ion:173 Resp: 160252

Ion Ratio Lower Upper

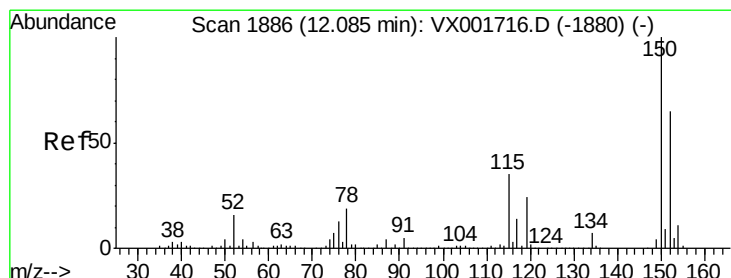
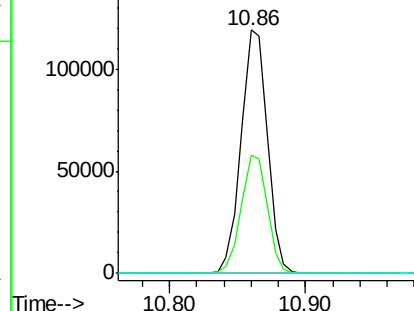
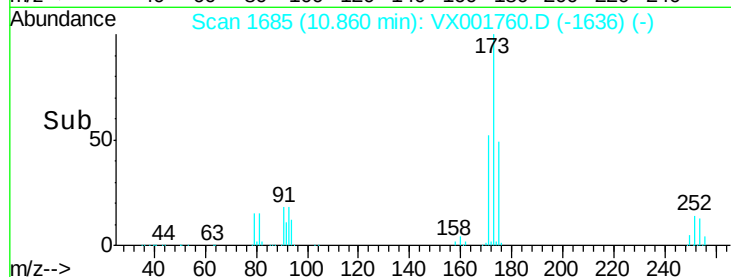
173 100

175 48.7 24.3 72.8

254 0.2 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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

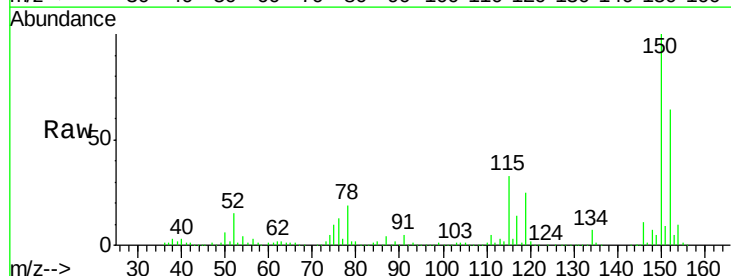
Tgt Ion:152 Resp: 256396

Ion Ratio Lower Upper

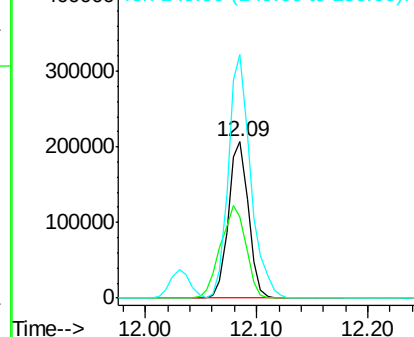
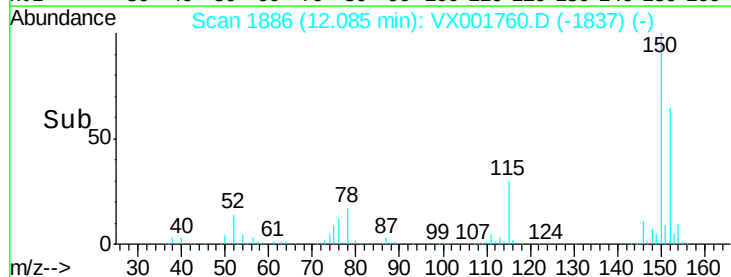
152 100

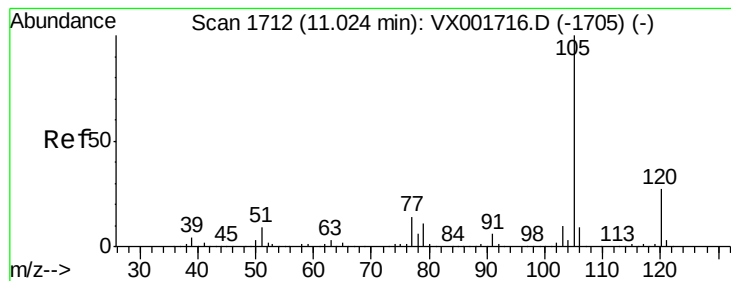
115 75.0 37.4 112.2

150 173.1 0.0 344.8



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: 52.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

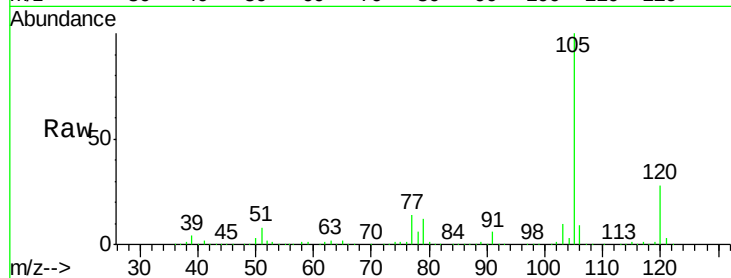
BFB

Tgt Ion:105 Resp: 893275

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

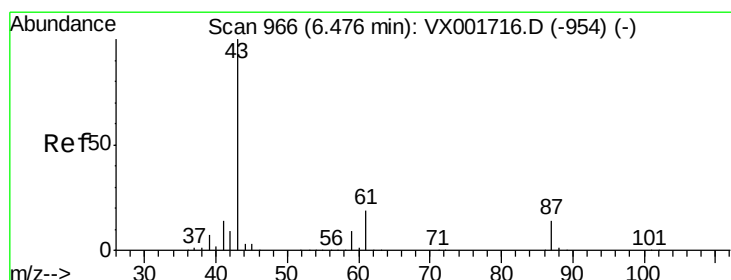
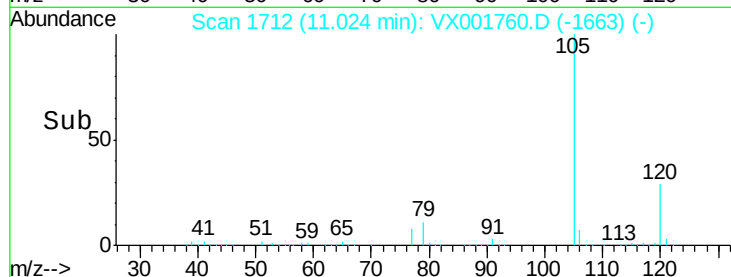
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 50.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Tgt Ion: 43 Resp: 411247

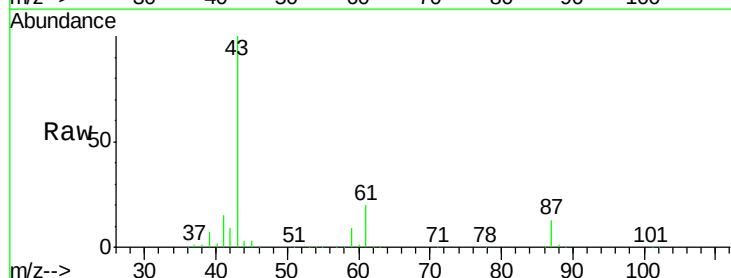
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.2 15.8 23.8



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

250000

200000

150000

100000

50000

0

6.47

6.30

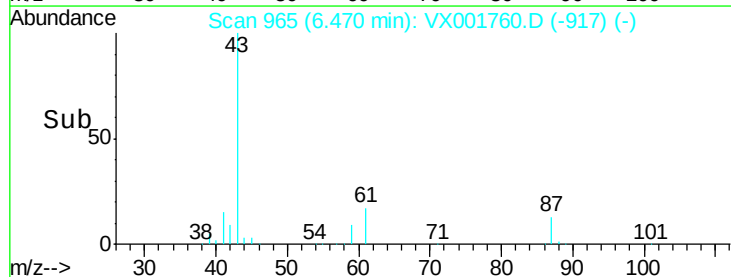
6.40

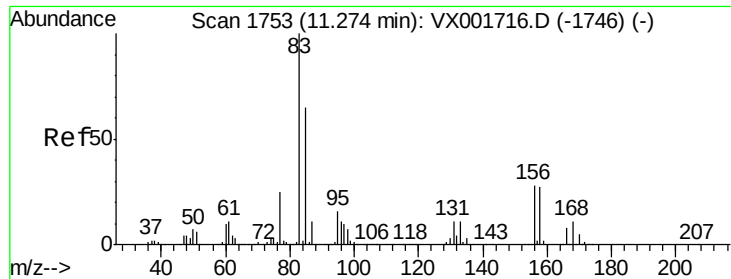
6.50

6.60

6.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

BFB

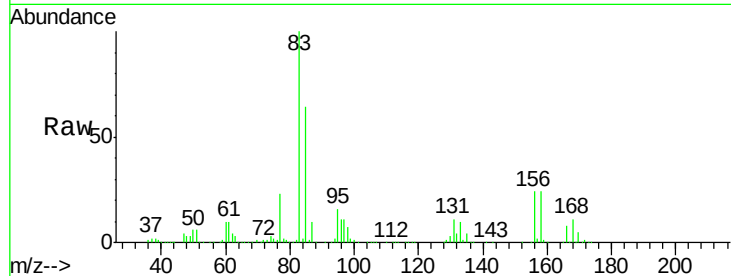
Tgt Ion: 83 Resp: 244213

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

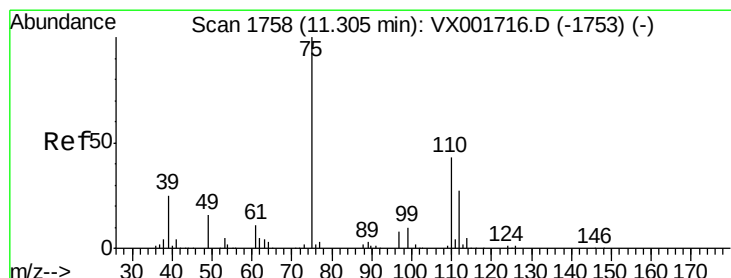
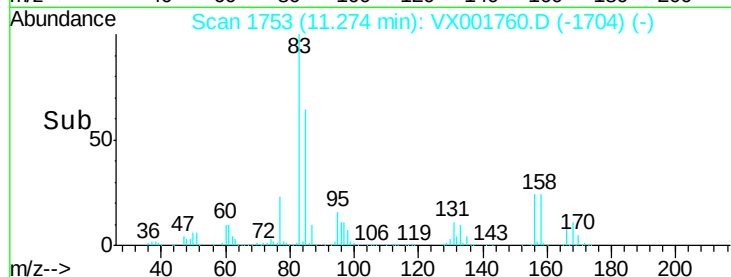
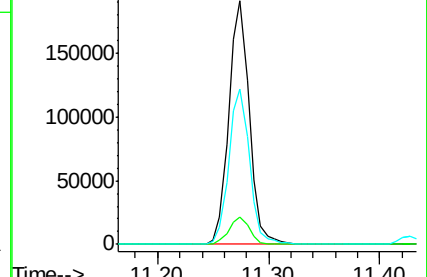
85 64.5 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.07 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001760.D

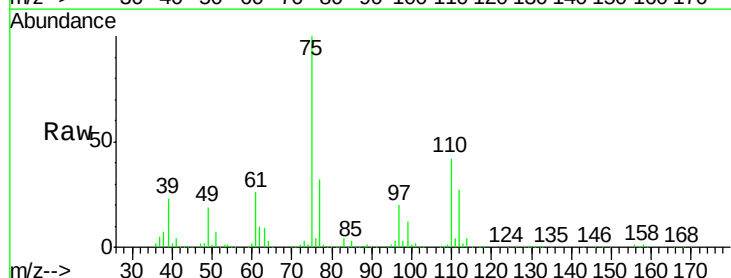
Acq: 16 May 2018 11:17

Tgt Ion: 75 Resp: 297748

Ion Ratio Lower Upper

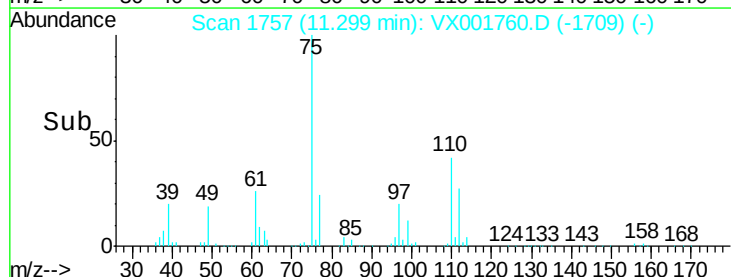
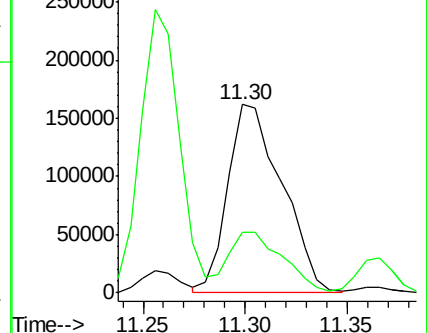
75 100

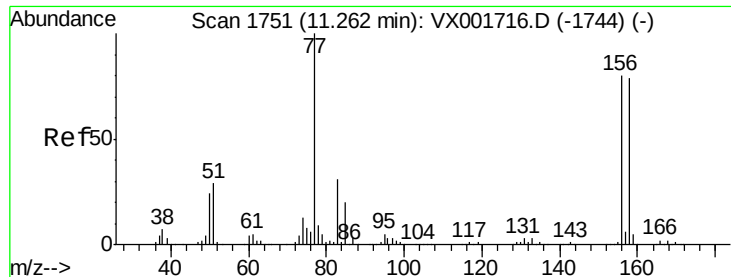
77 32.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.01 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

BFB

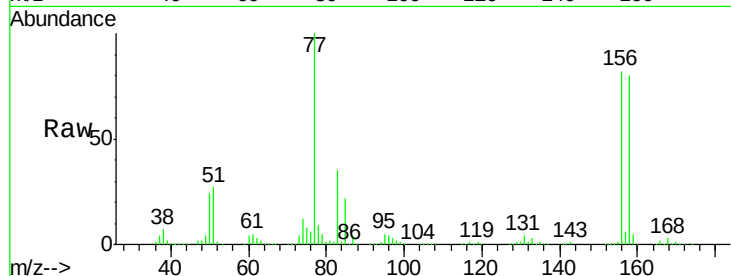
Tgt Ion:156 Resp: 248110

Ion Ratio Lower Upper

156 100

77 128.9 65.3 196.0

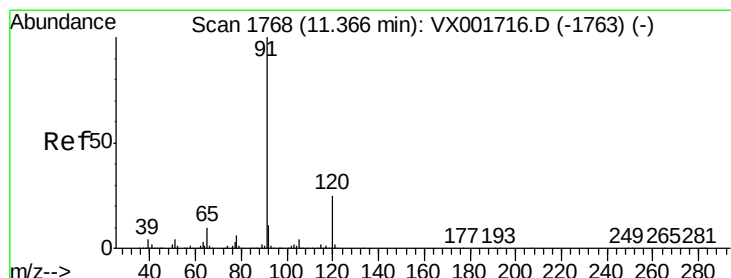
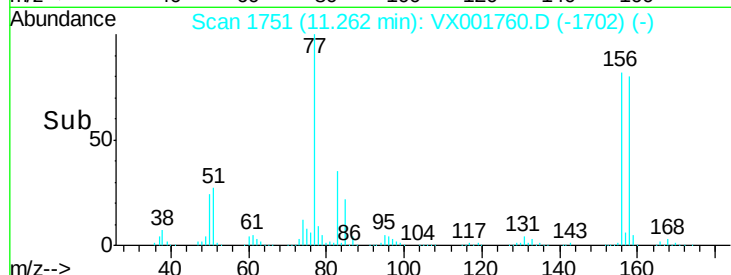
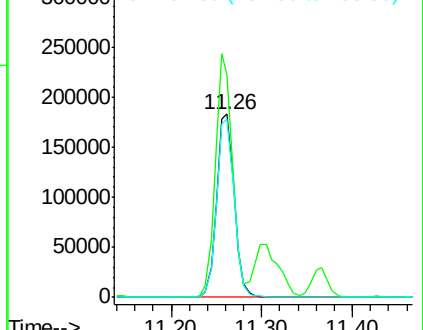
158 97.5 49.1 147.3



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: 52.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001760.D

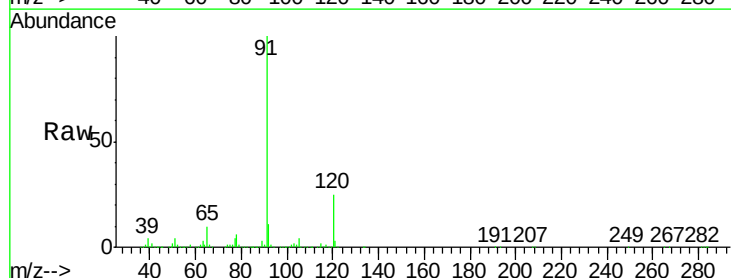
Acq: 16 May 2018 11:17

Tgt Ion: 91 Resp: 1005113

Ion Ratio Lower Upper

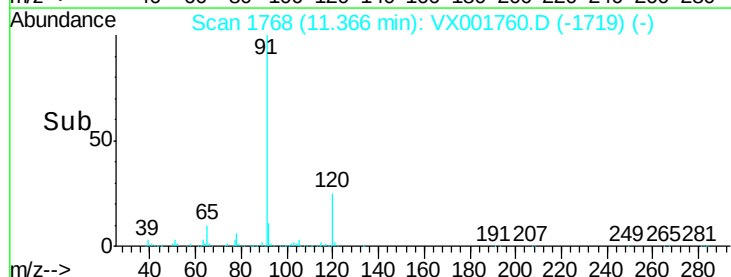
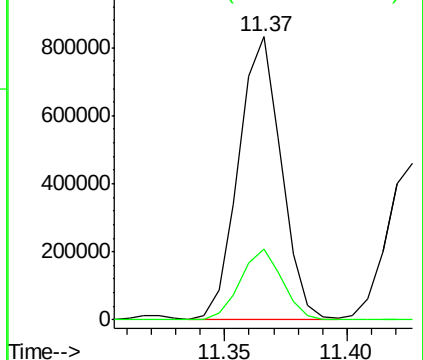
91 100

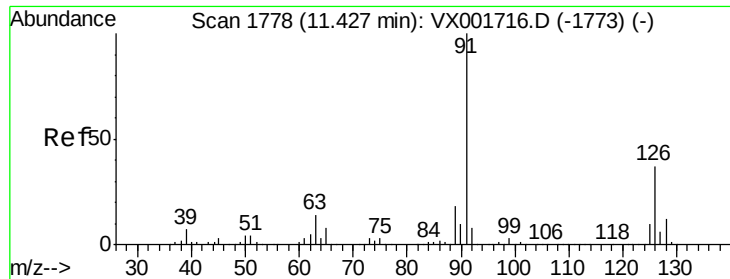
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

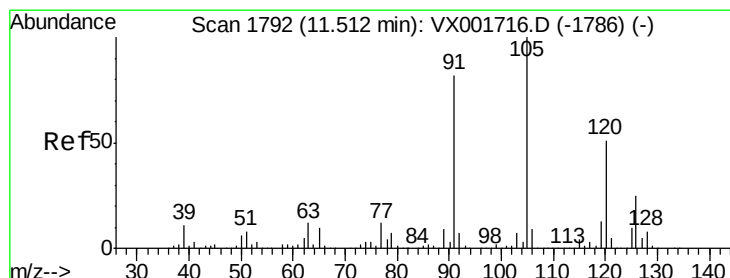
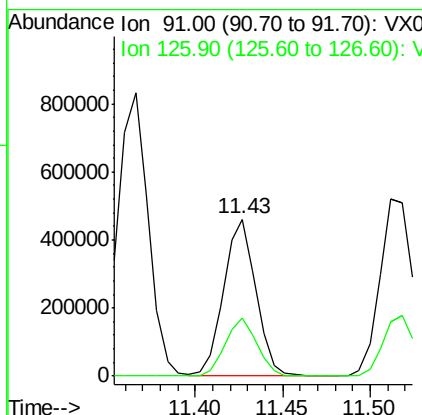
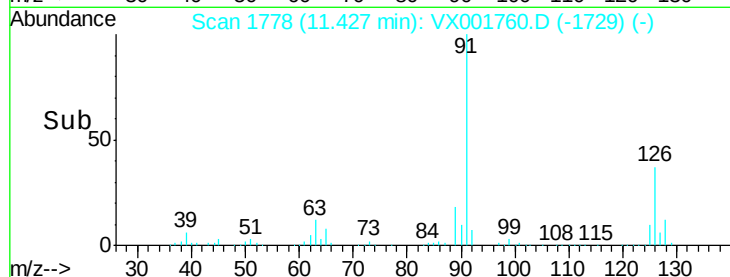
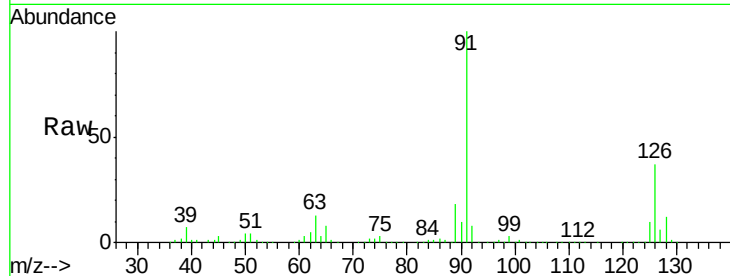




#79
 2-Chlorotoluene
 Concen: 51.35 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

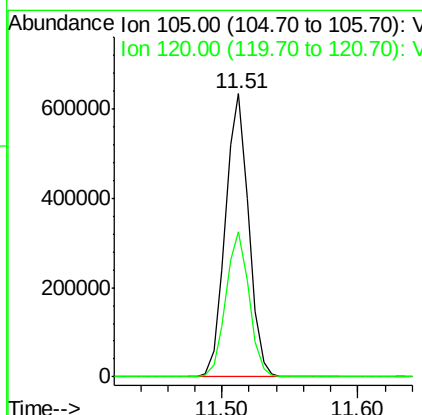
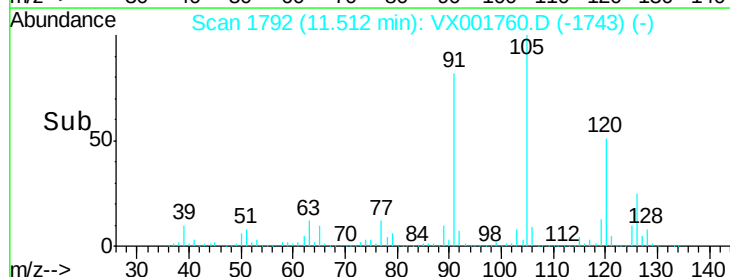
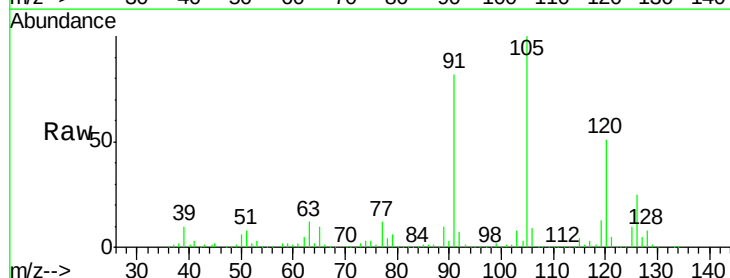
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

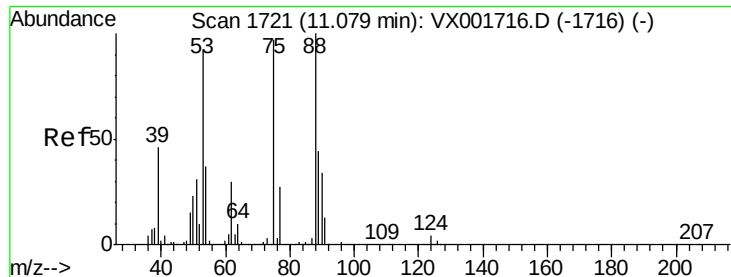
Tgt Ion: 91 Resp: 584267
 Ion Ratio Lower Upper
 91 100
 126 37.2 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 54.08 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 105 Resp: 749088
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

BFB

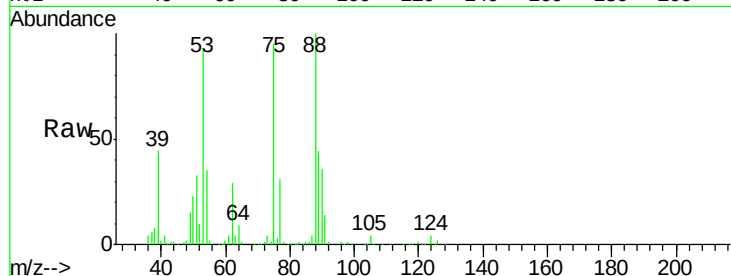
Tgt Ion: 75 Resp: 74001

Ion Ratio Lower Upper

75 100

53 97.3 79.4 119.2

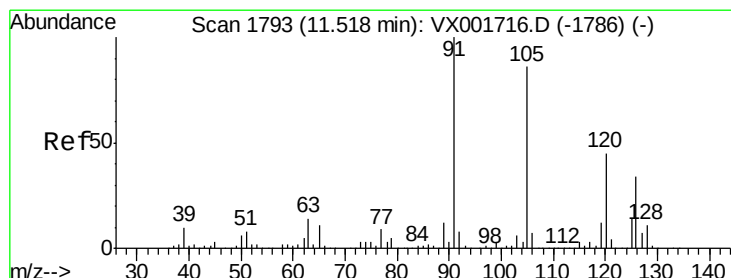
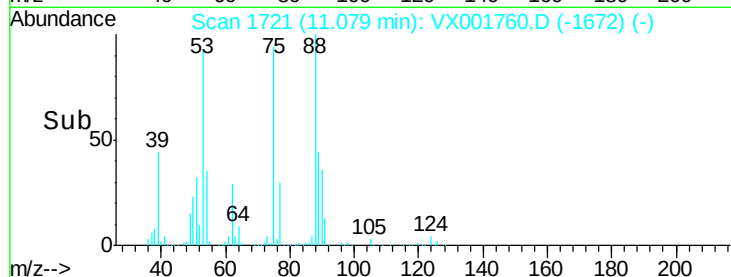
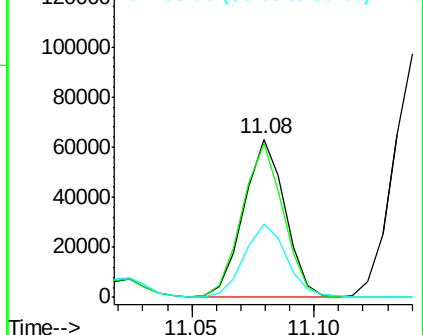
89 48.4 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX001760.D

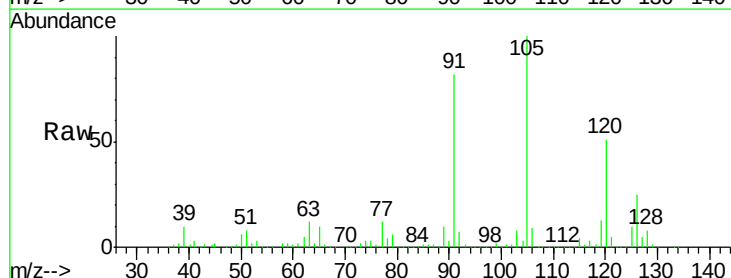
Acq: 16 May 2018 11:17

Tgt Ion: 91 Resp: 683146

Ion Ratio Lower Upper

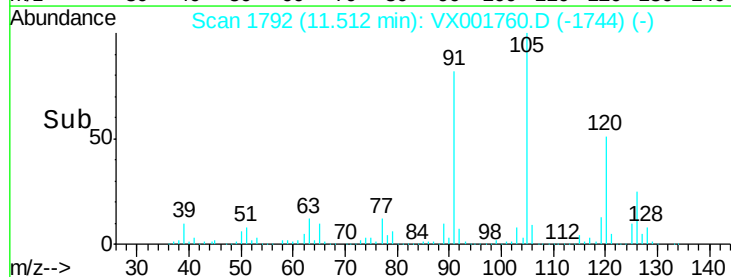
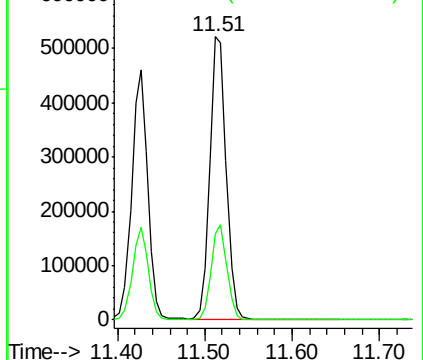
91 100

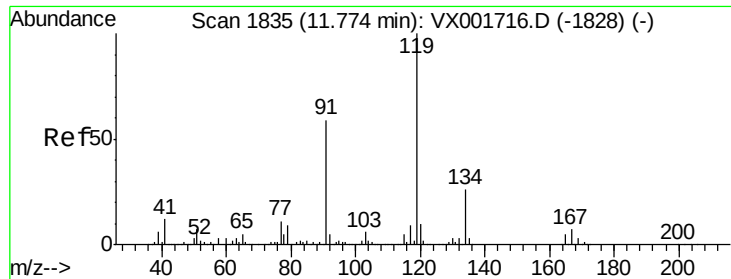
126 32.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

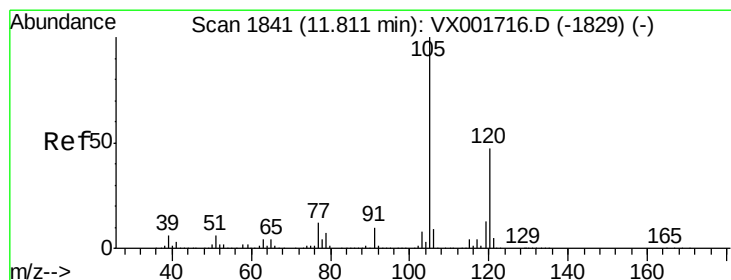
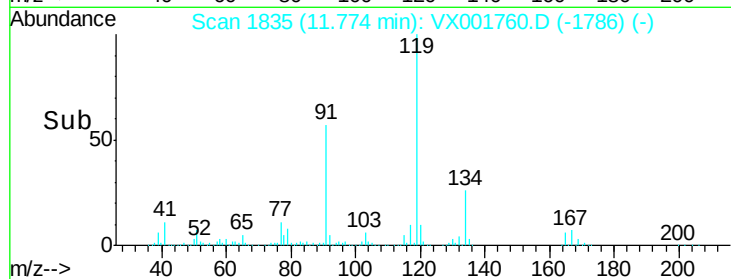
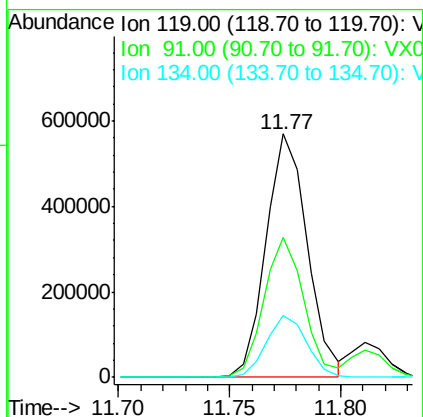
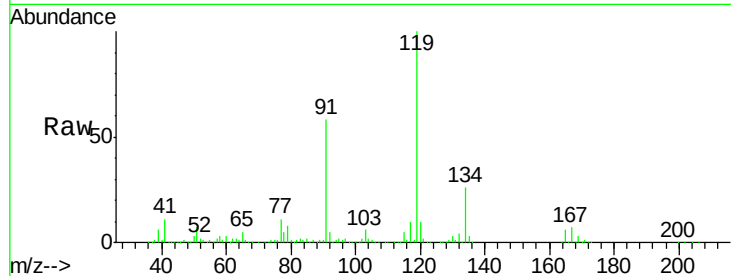




#83
 tert-Butylbenzene
 Concen: 53.16 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

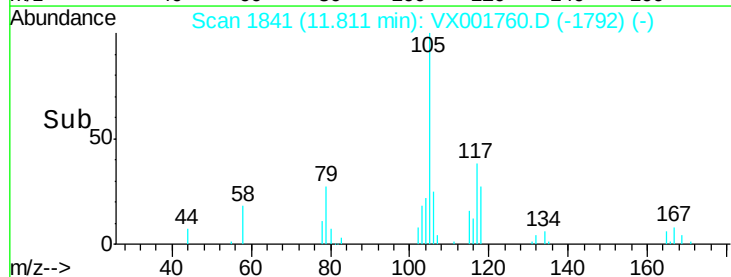
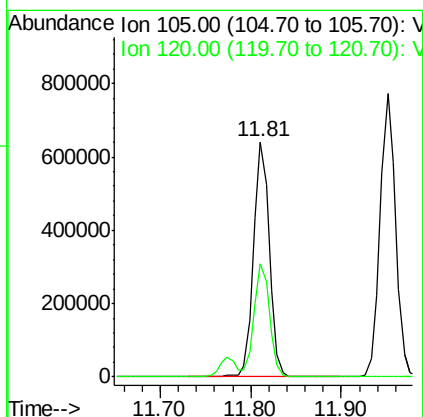
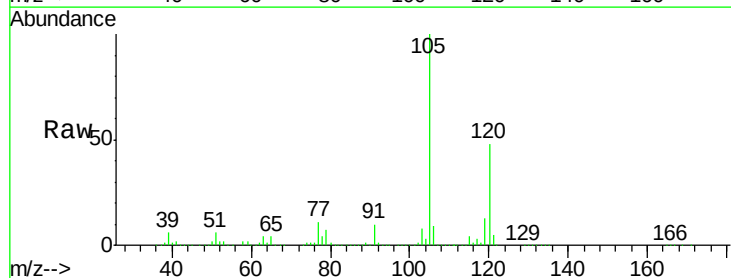
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

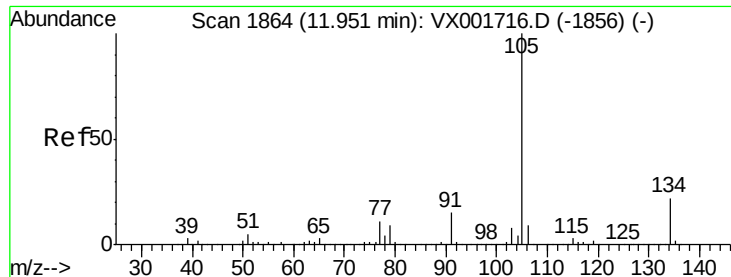
Tgt Ion:119 Resp: 732877
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.7 83.0
 134 25.0 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.95 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion:105 Resp: 773958
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 53.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

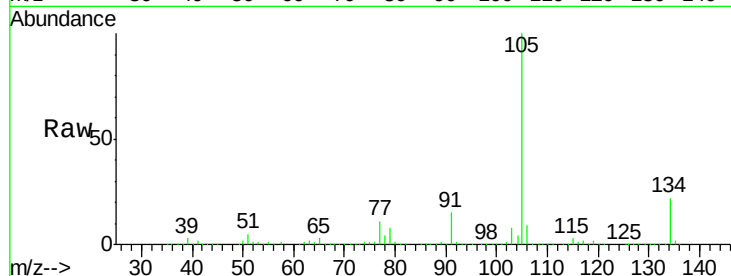
BFB

Tgt Ion:105 Resp: 917563

Ion Ratio Lower Upper

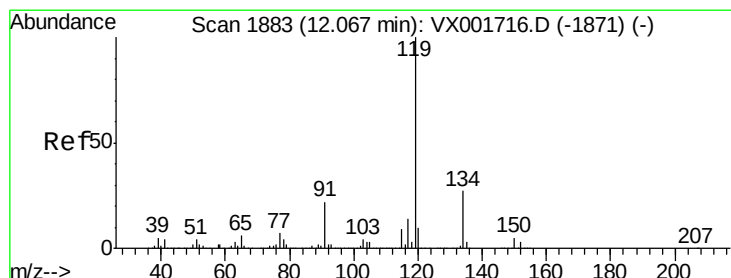
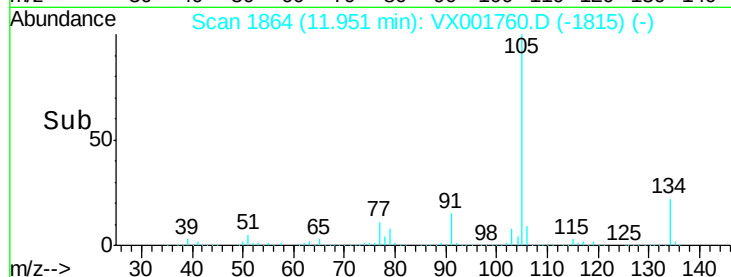
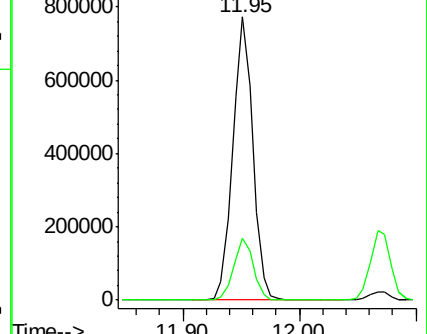
105 100

134 21.7 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.96 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX001760.D

Acq: 16 May 2018 11:17

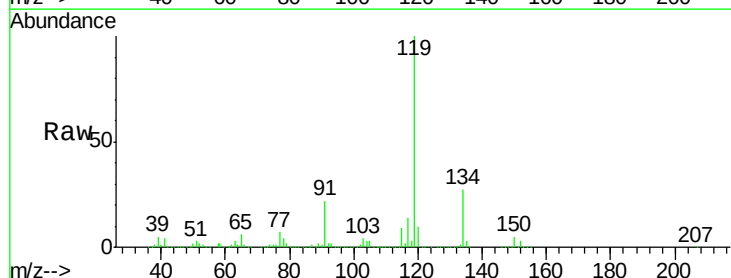
Tgt Ion:119 Resp: 849563

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

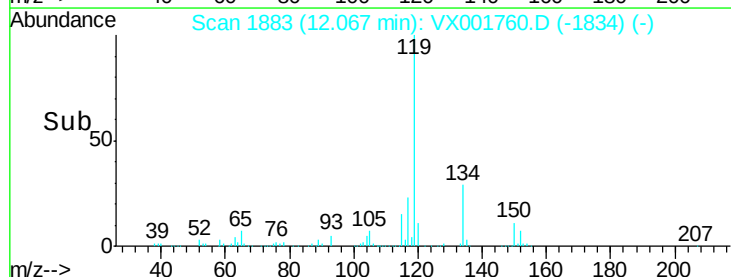
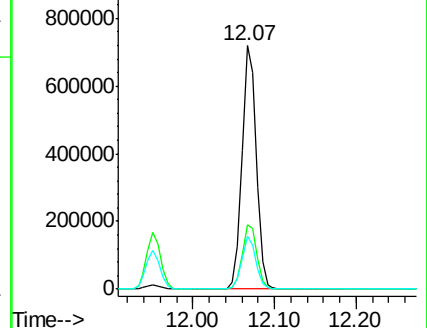
91 21.2 10.7 32.1

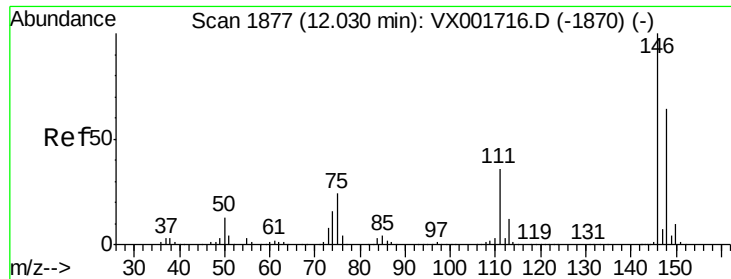


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

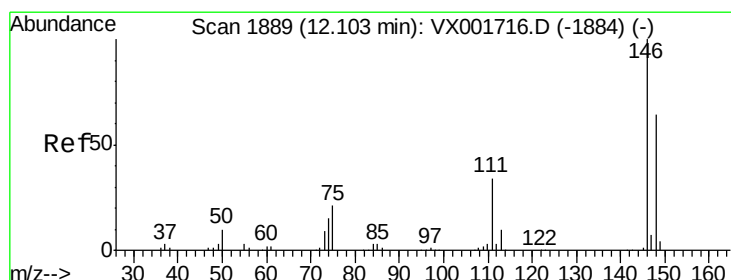
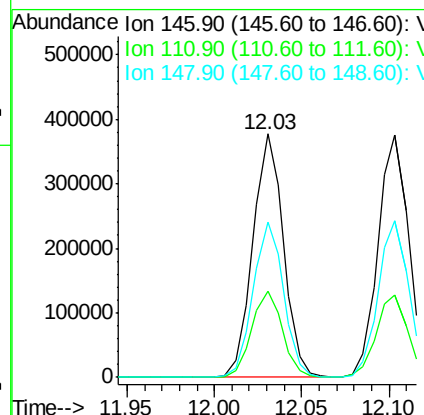
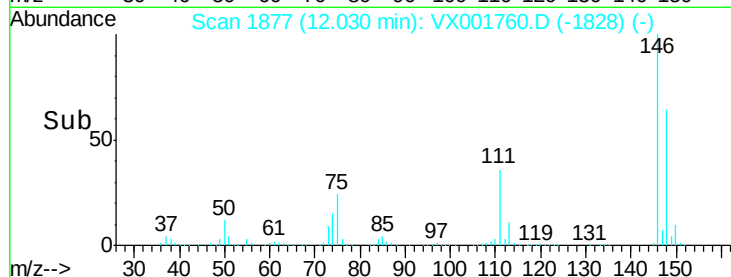
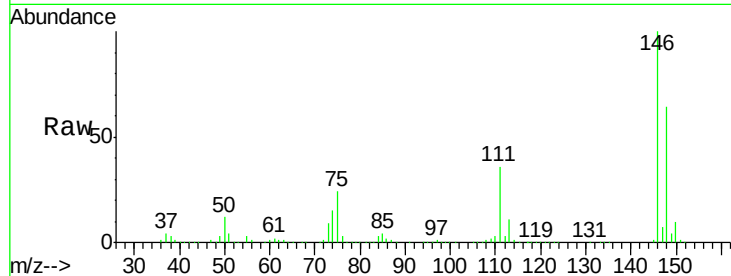




#87
 1,3-Dichlorobenzene
 Concen: 49.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

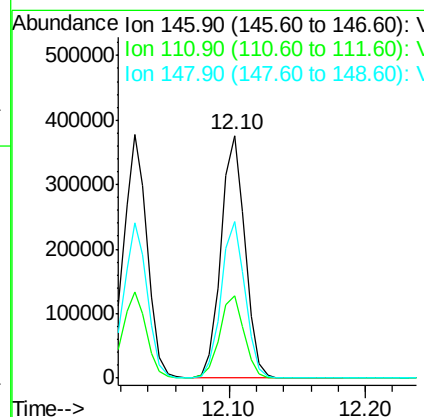
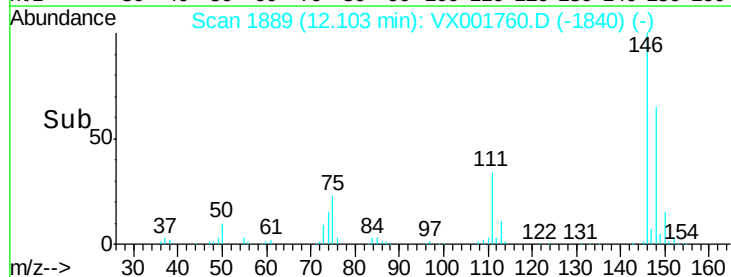
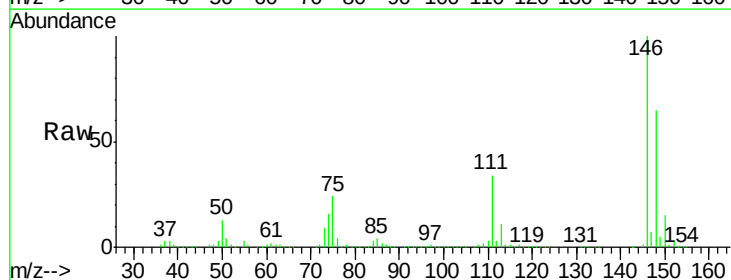
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

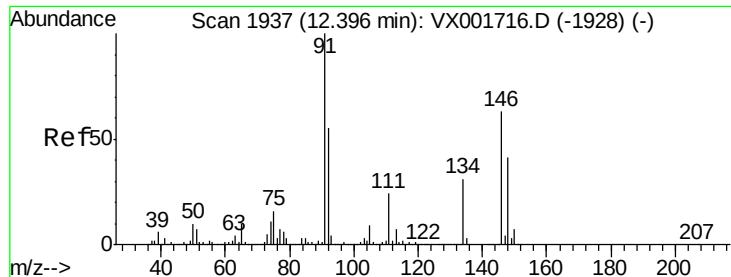
Tgt Ion:146 Resp: 458569
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.8 53.4
 148 63.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.43 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion:146 Resp: 459545
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.3 52.0
 148 64.4 32.3 96.9

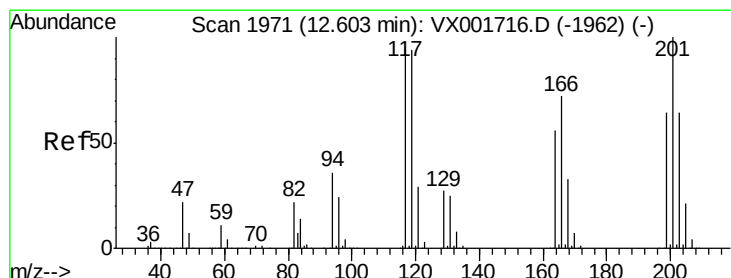
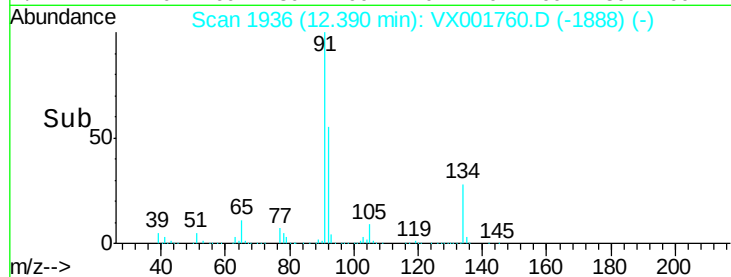
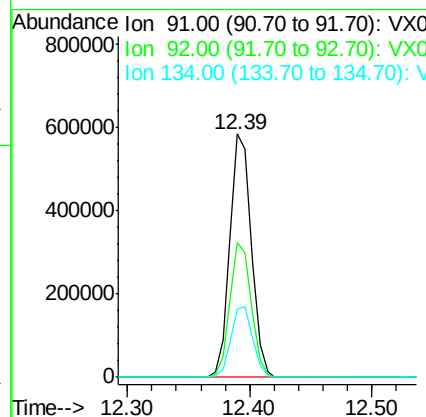
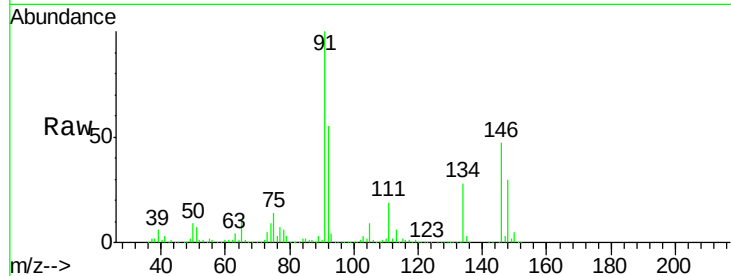




#89
n-Butylbenzene
Concen: 51.82 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

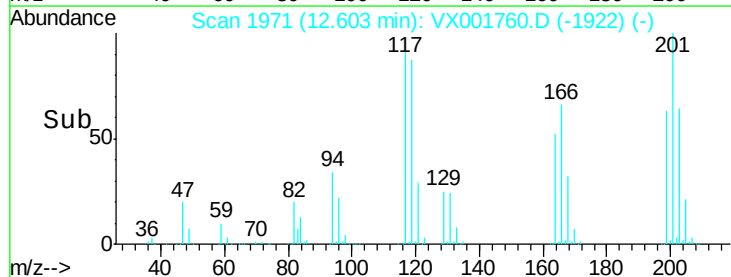
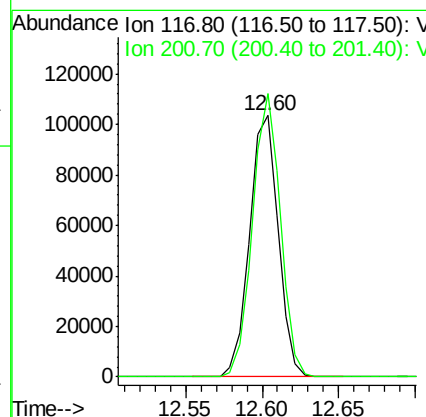
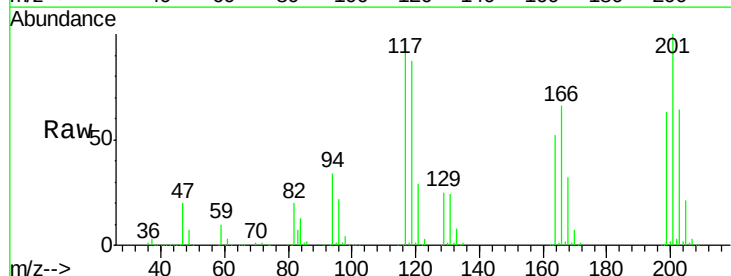
Instrument :
MSVOA_X
ClientSampleId :
BFB

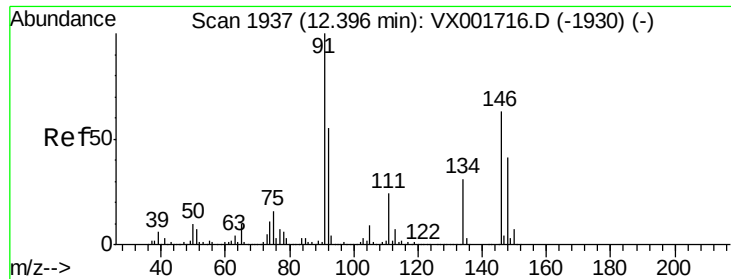
Tgt Ion: 91 Resp: 705729
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.9
134 29.4 14.7 44.1



#90
Hexachloroethane
Concen: 55.10 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion: 117 Resp: 134754
Ion Ratio Lower Upper
117 100
201 104.9 51.9 155.7

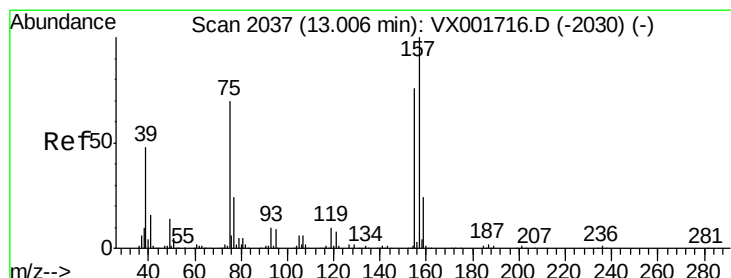
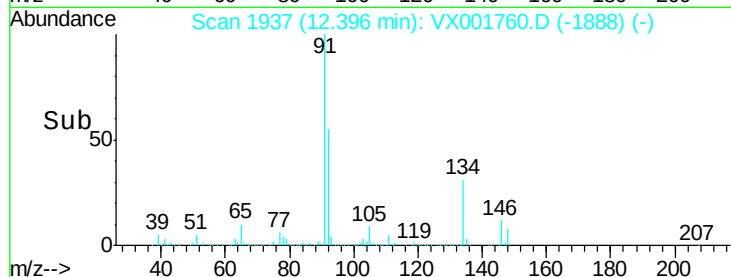
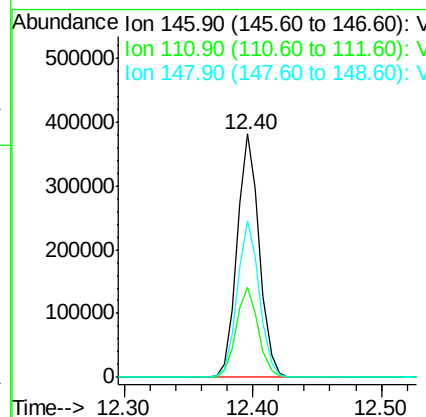
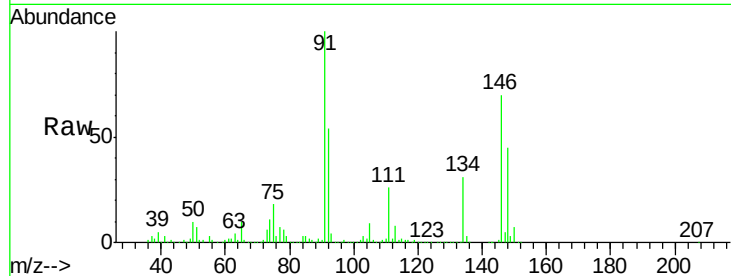




#91
 1,2-Dichlorobenzene
 Concen: 50.12 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

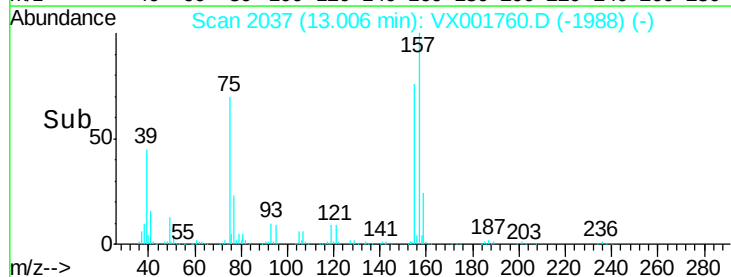
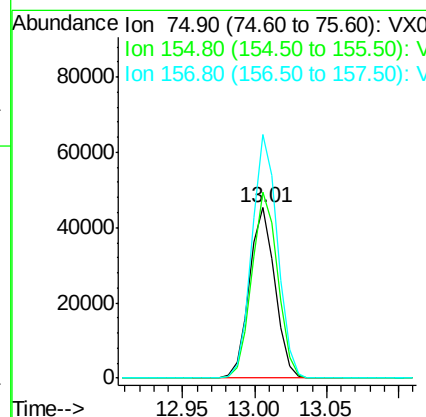
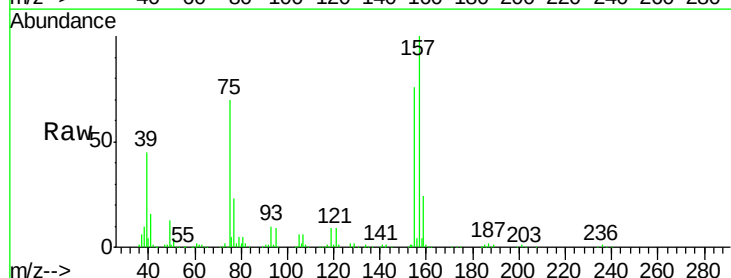
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

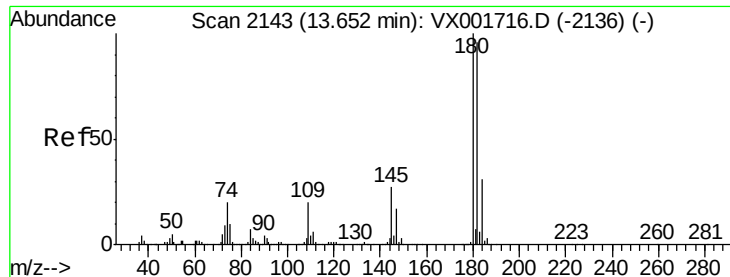
Tgt Ion:146 Resp: 458198
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 56.0
 148 64.2 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.34 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion: 75 Resp: 55506
 Ion Ratio Lower Upper
 75 100
 155 109.6 53.9 161.8
 157 142.2 71.0 213.2

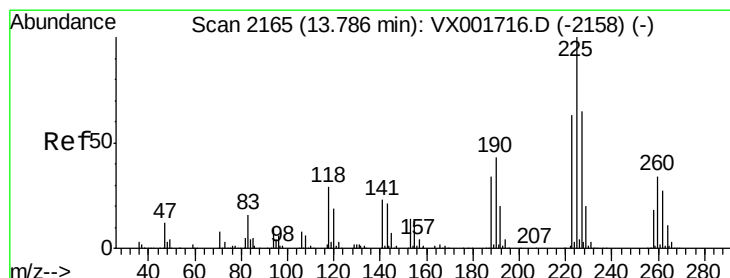
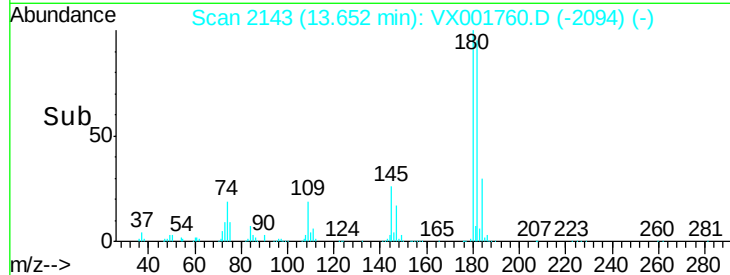
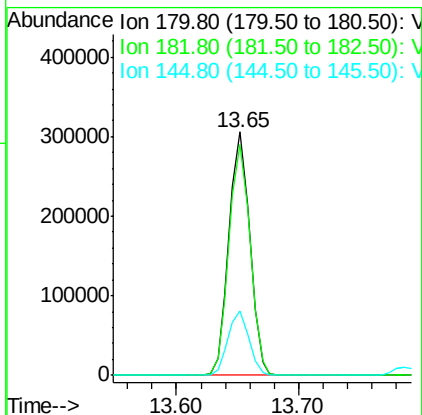
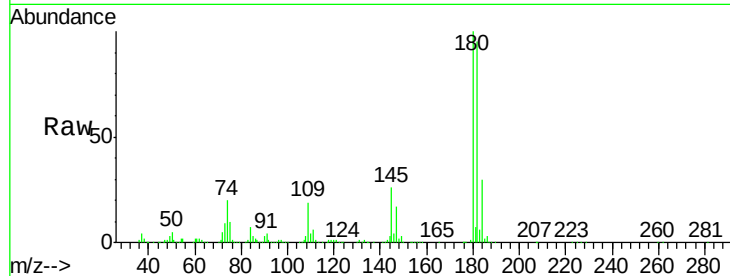




#93
 1,2,4-Trichlorobenzene
 Concen: 49.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

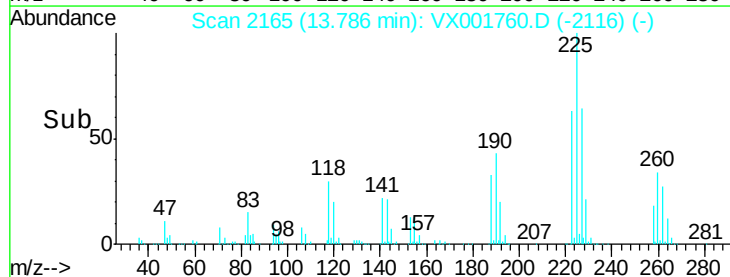
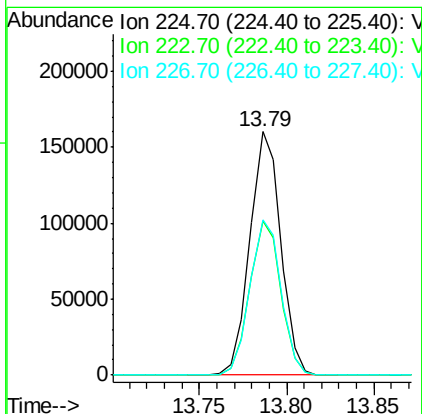
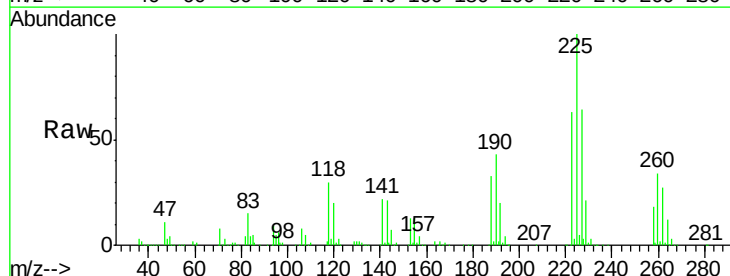
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

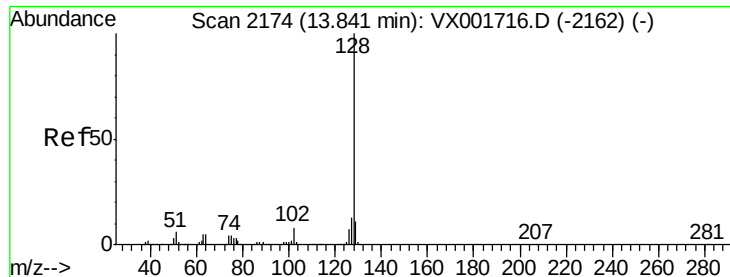
Tgt Ion:180 Resp: 360551
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.6 142.9
 145 26.6 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 50.16 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001760.D
 Acq: 16 May 2018 11:17

Tgt Ion:225 Resp: 196253
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.5
 227 64.4 31.9 95.5

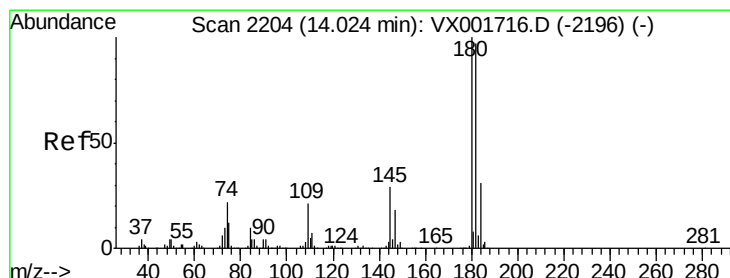
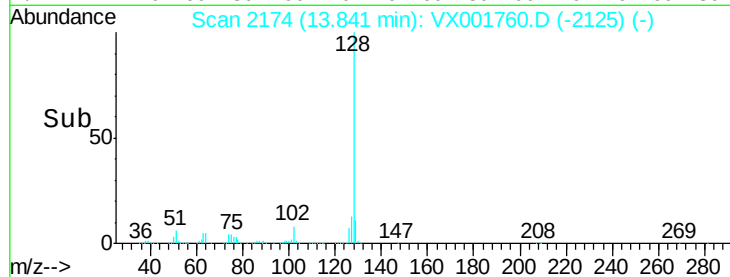
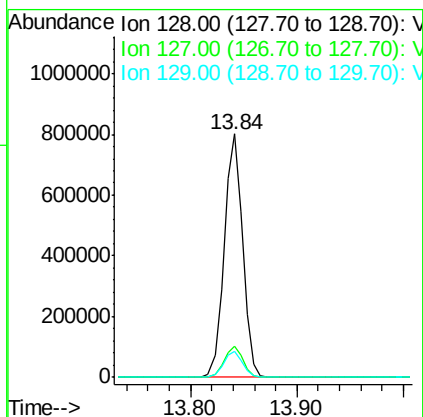
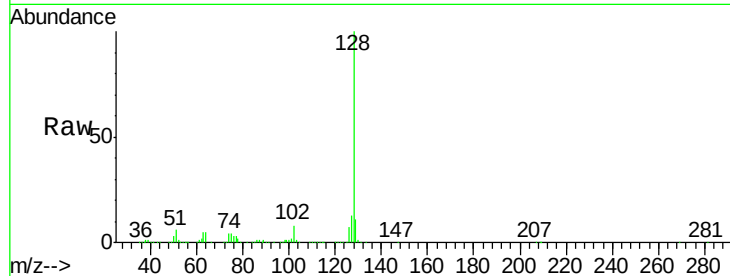




#95
Naphthalene
Concen: 50.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:128 Resp: 965456
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.81 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001760.D
Acq: 16 May 2018 11:17

Tgt Ion:180 Resp: 365531
Ion Ratio Lower Upper
180 100
182 96.0 47.9 143.7
145 28.0 14.2 42.8

