

Data File : VX001961.D
Acq On : 25 May 2018 00:46
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: May 25 02:27:03 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	68645	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	376969	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	340512	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	162270	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.14	95	170581	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.72	98	450809	29.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72572	19.91	ug/l	98
3) Chloromethane	1.32	50	87478	20.18	ug/l	99
4) Vinyl Chloride	1.40	62	84291	19.55	ug/l	100
5) Bromomethane	1.64	94	63877	26.44	ug/l	96
6) Chloroethane	1.73	64	51404	20.15	ug/l	98
7) Trichlorofluoromethane	1.93	101	132496	20.14	ug/l	99
8) Diethyl Ether	2.19	74	49672	20.07	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69960	19.75	ug/l	97
10) 1,1-Dichloroethene	2.37	96	67966	19.90	ug/l	98
11) Methyl Iodide	2.51	142	81391	15.17	ug/l	95
12) Methyl Acetate	2.79	43	111293	20.10	ug/l	98
13) Acrolein	2.30	56	45690	96.94	ug/l	97
14) Acrylonitrile	3.15	53	229100	100.59	ug/l	100
15) Acetone	2.45	58	60350	99.40	ug/l	100
16) Carbon Disulfide	2.57	76	202367	20.75	ug/l	100
17) Allyl chloride	2.73	41	140638	19.95	ug/l	98
18) Methylene Chloride	2.86	84	76255	19.87	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	73079	20.24	ug/l	99
20) Diisopropyl ether	3.88	45	263349	19.57	ug/l	96
21) 1,1-Dichloroethane	3.70	63	140418	19.60	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	86674	20.13	ug/l	93
23) tert-Butyl Alcohol	3.08	59	121159	102.57	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	266074	19.96	ug/l	99
25) Chloroform	5.23	83	147306	19.56	ug/l	100
26) Cyclohexane	5.58	56	130060	19.73	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	106395	20.17	ug/l	99
30) 2-Butanone	4.72	43	375275	102.01	ug/l	100
31) 2,2-Dichloropropane	4.59	77	86573	18.68	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	138589	20.12	ug/l	99
33) Carbon Tetrachloride	5.79	117	124541	19.90	ug/l	96
34) Benzene	6.15	78	317647	19.95	ug/l	98
35) Methacrylonitrile	5.07	41	81281	19.95	ug/l	99
36) 1,2-Dichloroethane	6.21	62	127156	20.49	ug/l	99
37) Trichloroethene	7.22	130	90241	19.97	ug/l	96
38) Methylcyclohexane	7.46	83	123806	20.12	ug/l	99
39) 1,2-Dichloropropane	7.52	63	85211	19.79	ug/l	96
40) Dibromomethane	7.67	93	58413	20.22	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 02:17:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	118253	19.73	ug/l	97
42) Vinyl Acetate	3.83	43	1181091	101.48	ug/l	100
43) Ethyl Acetate	4.87	43	145218	20.11	ug/l	98
44) Isopropyl Acetate	6.48	43	241286	20.09	ug/l	100
45) 1,4-Dioxane	7.76	88	46190	404.36	ug/l	93
46) Methyl methacrylate	7.79	41	121611	20.00	ug/l	99
47) n-amyl Acetate	10.90	43	217256	19.67	ug/l #	91
48) t-1,3-Dichloropropene	8.44	75	132688	19.70	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	128663	19.73	ug/l	98
50) 1,1,2-Trichloroethane	9.22	97	83062	20.03	ug/l	98
51) Ethyl methacrylate	9.19	69	143174	19.93	ug/l	96
52) 1,3-Dichloropropane	9.38	76	140913	20.14	ug/l	100
53) Dibromochloromethane	9.59	129	98438	19.43	ug/l	100
54) 1,2-Dibromoethane	9.68	107	88484	19.71	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	341749	101.34	ug/l	100
56) Bromoform	10.87	173	83627	18.77	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	758384	102.34	ug/l	100
59) 2-Hexanone	9.51	43	586974	102.08	ug/l	99
61) Tetrachloroethene	9.34	164	98846	19.03	ug/l	98
62) Toluene	8.79	91	349987	20.13	ug/l	98
64) Chlorobenzene	10.15	112	222952	19.81	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	91495	19.98	ug/l	98
66) Ethyl Benzene	10.26	91	387416	19.82	ug/l	99
67) m/p-Xylenes	10.37	106	294106	39.64	ug/l	100
68) o-Xylene	10.70	106	148178	19.94	ug/l	99
69) Styrene	10.72	104	244865	19.63	ug/l	99
70) Isopropylbenzene	11.02	105	396471	19.93	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	124847	20.02	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	154276	26.27	ug/l	90
73) Bromobenzene	11.26	156	105137	19.68	ug/l	99
74) n-propylbenzene	11.37	91	440751	19.85	ug/l	100
75) 2-Chlorotoluene	11.43	91	271299	19.81	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	331113	19.58	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	40343	18.96	ug/l	93
78) 4-Chlorotoluene	11.52	91	305175	19.59	ug/l	100
79) tert-butylbenzene	12.07	119	344207	19.41	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	339190	19.84	ug/l	100
81) sec-Butylbenzene	11.95	105	388548	19.60	ug/l	99
82) p-Isopropyltoluene	12.07	119	344207	19.41	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	185613	19.60	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	184880	19.62	ug/l	100
85) n-Butylbenzene	12.39	91	282912	19.02	ug/l	99
86) Hexachloroethane	12.60	117	68211	19.33	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	190588	19.54	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	36126	19.89	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	133219	19.23	ug/l	100
90) Hexachlorobutadiene	13.79	225	70230	19.06	ug/l	98
91) Naphthalene	13.84	128	441027	20.18	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	141346	19.54	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

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QLast Update : Fri May 25 02:17:15 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/MD

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Misc : 5.0mL/MSV0A_X/WATER

ALS Vial : 29 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BFB

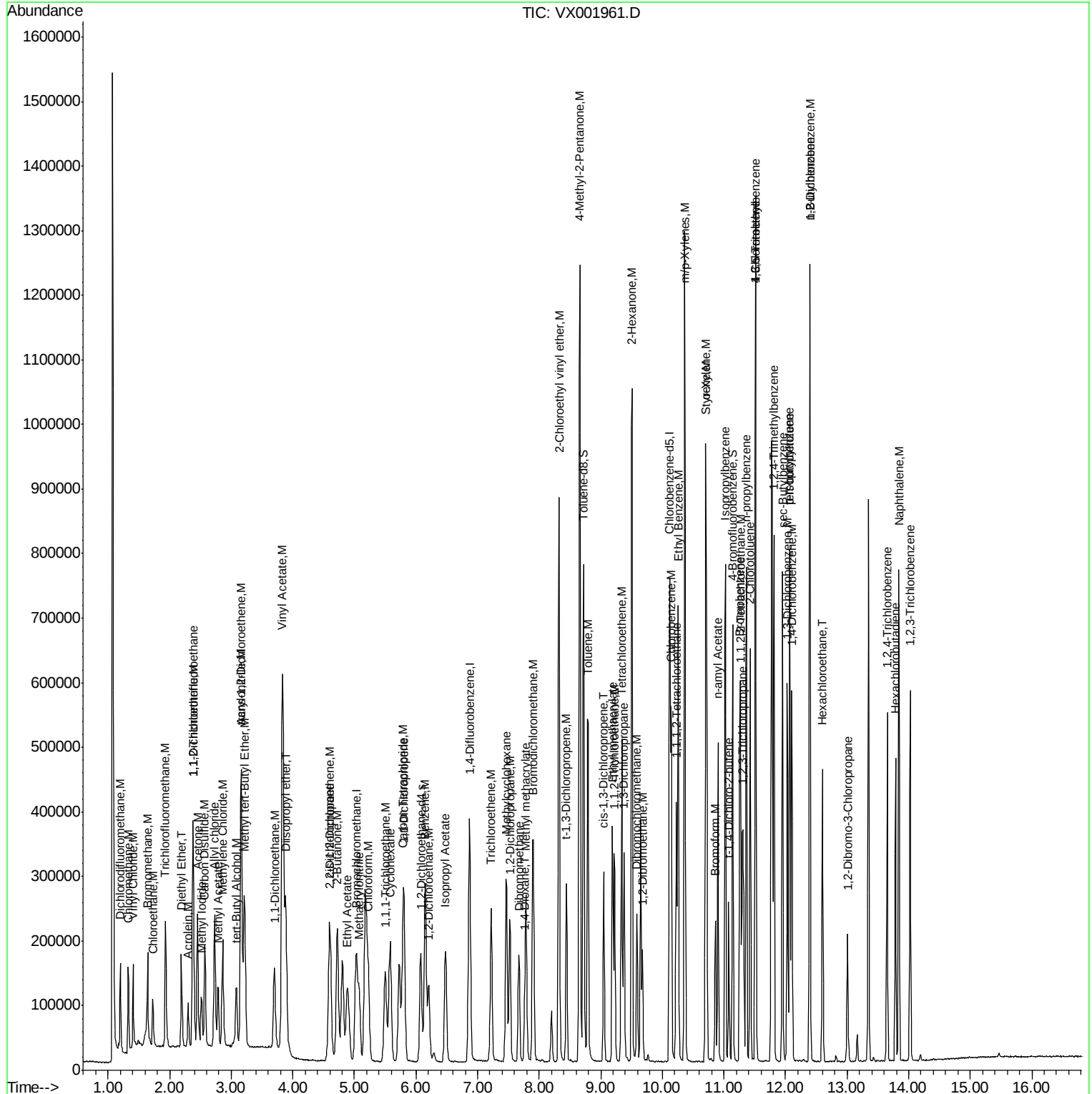
Quant Time: May 25 02:27:03 2018

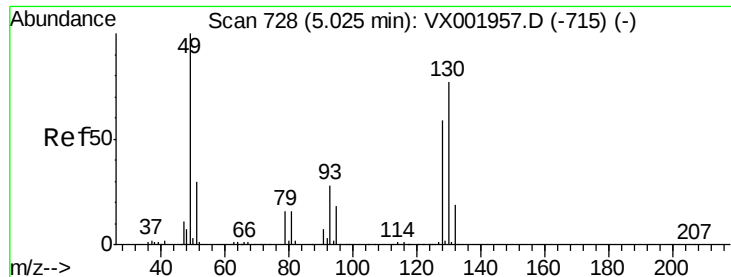
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri May 25 02:17:15 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

BFB

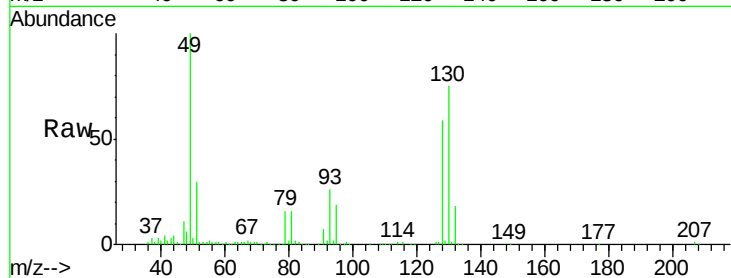
Tgt Ion:128 Resp: 68645

Ion Ratio Lower Upper

128 100

49 170.3 0.0 423.0

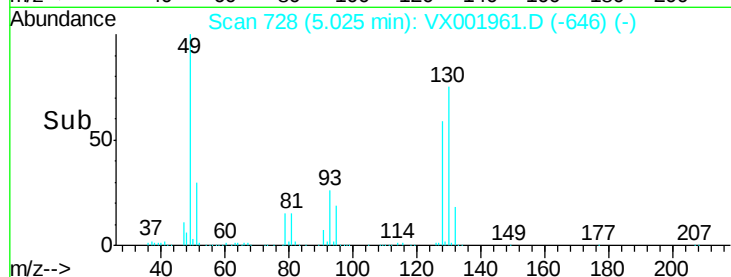
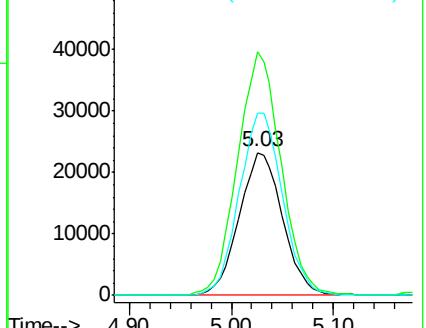
130 127.5 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.91 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001961.D

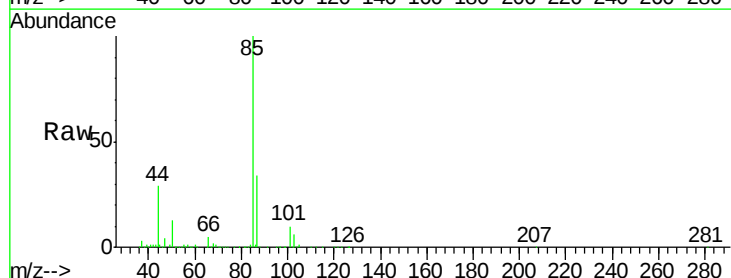
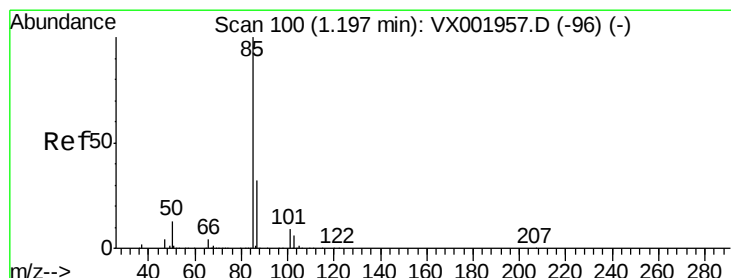
Acq: 25 May 2018 00:46

Tgt Ion: 85 Resp: 72572

Ion Ratio Lower Upper

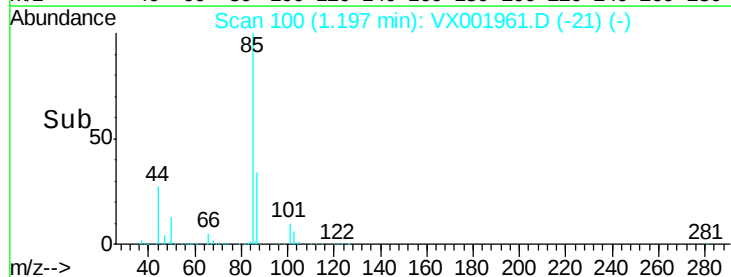
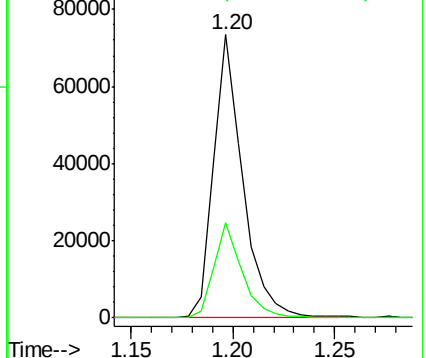
85 100

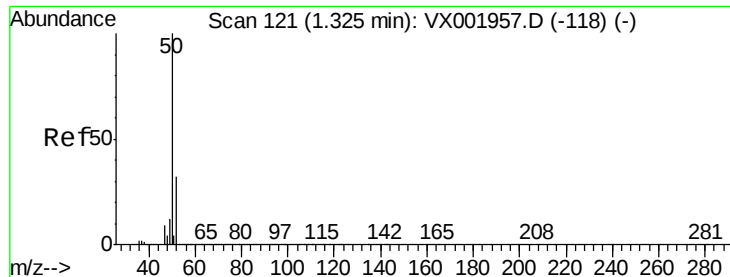
87 33.6 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

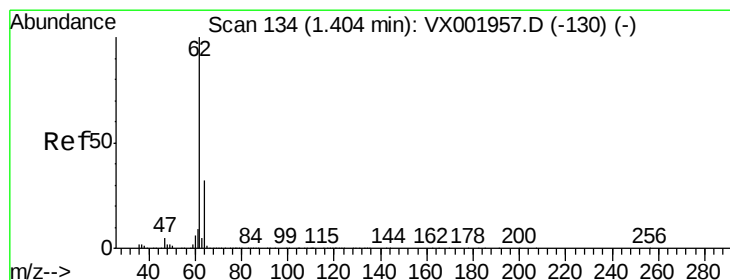
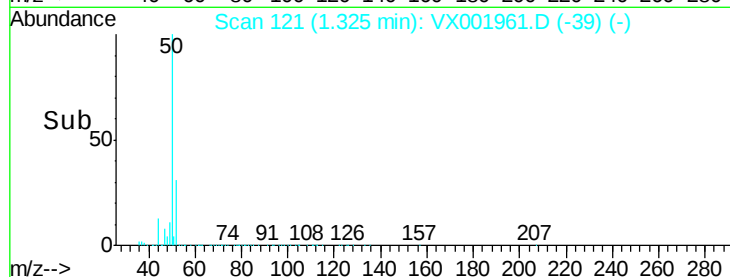
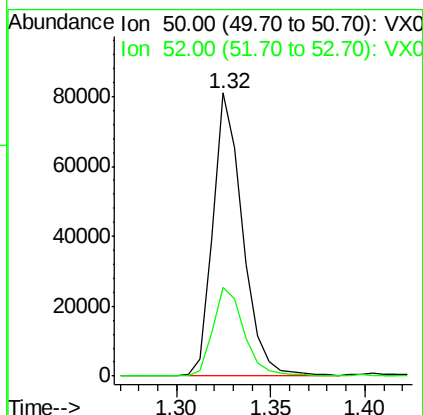
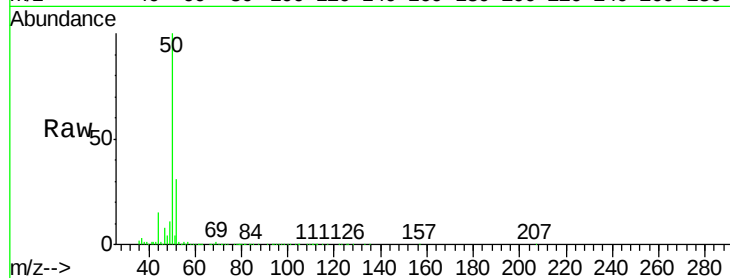




#3
Chloromethane
Concen: 20.18 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

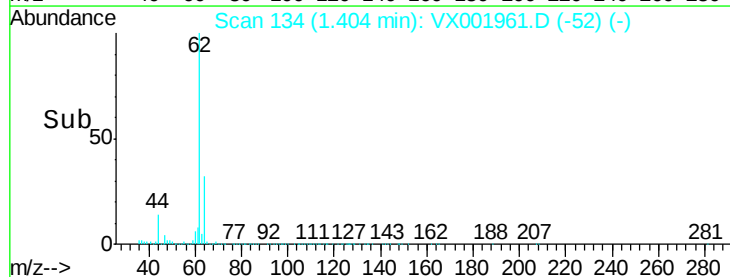
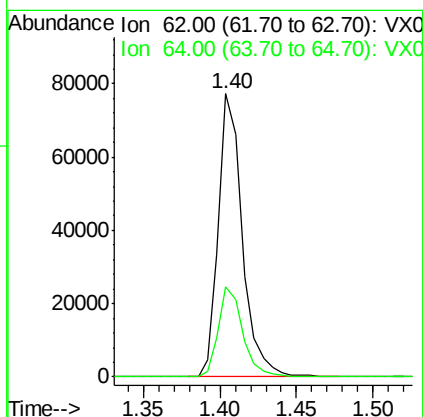
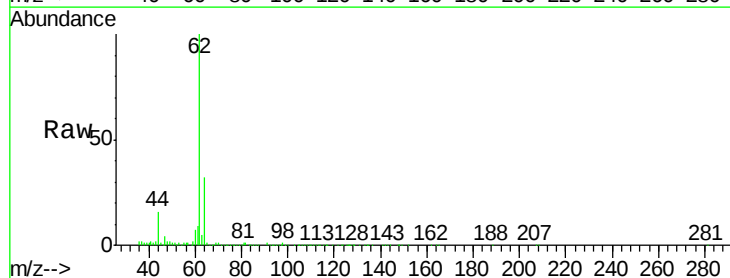
Instrument :
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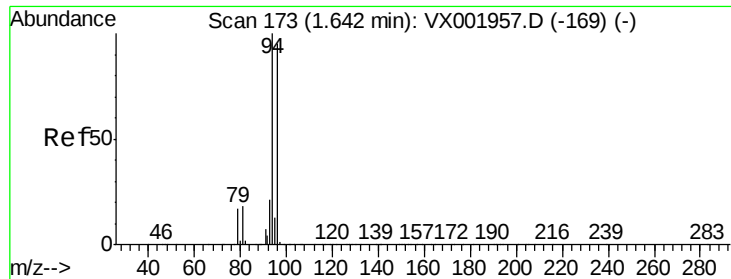
Tgt Ion: 50 Resp: 87478
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4



#4
Vinyl Chloride
Concen: 19.55 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 62 Resp: 84291
Ion Ratio Lower Upper
62 100
64 31.8 25.3 37.9





#5

Bromomethane

Concen: 26.44 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

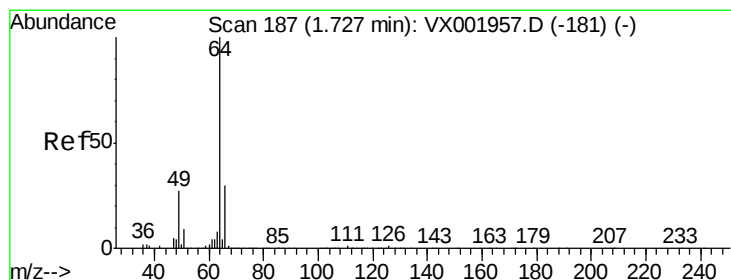
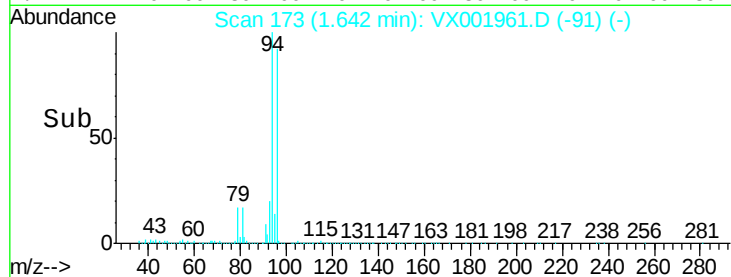
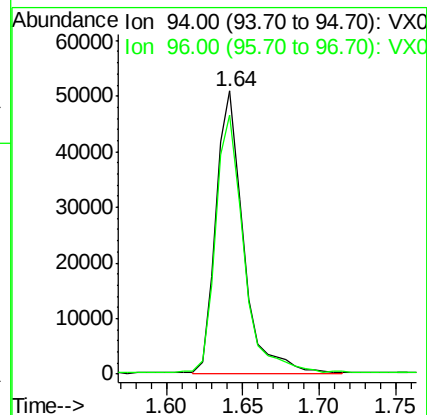
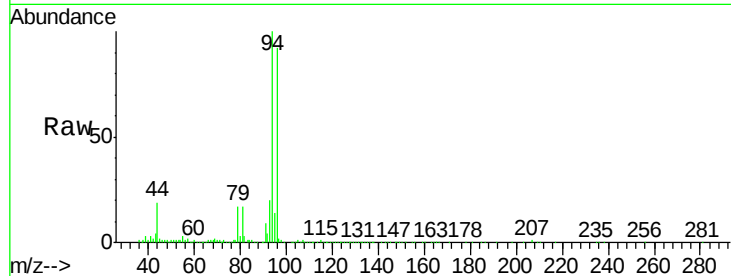
BFB

Tgt Ion: 94 Resp: 63877

Ion Ratio Lower Upper

94 100

96 91.2 75.7 113.5



#6

Chloroethane

Concen: 20.15 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001961.D

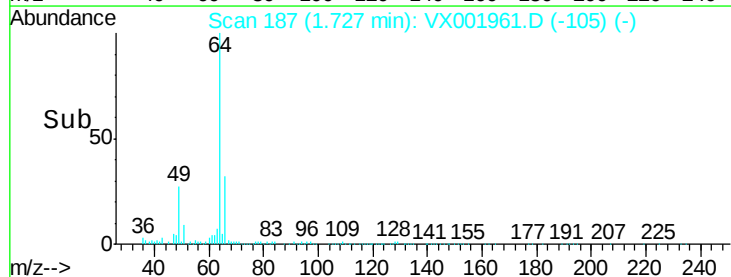
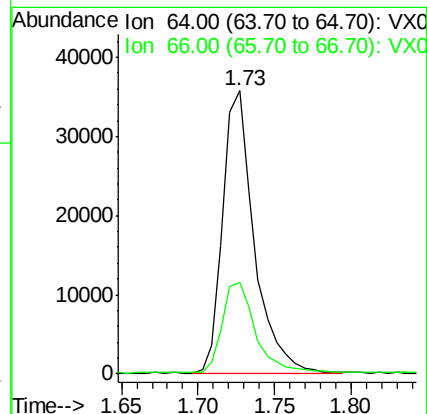
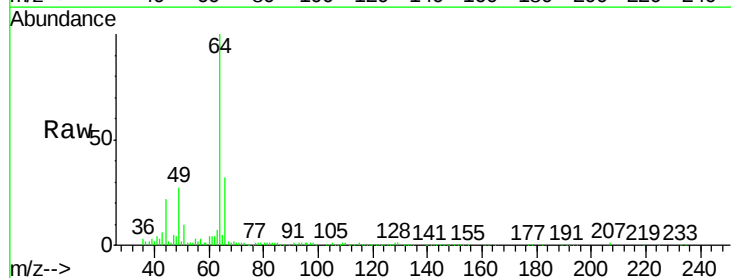
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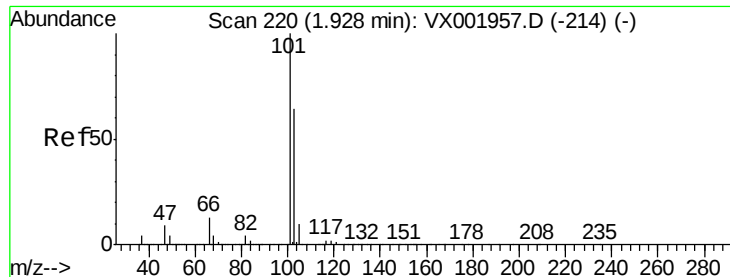
Tgt Ion: 64 Resp: 51404

Ion Ratio Lower Upper

64 100

66 31.8 24.3 36.5



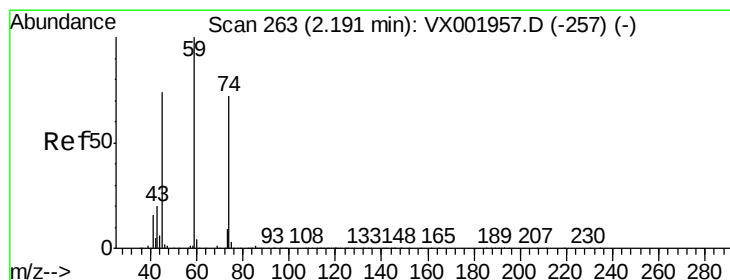
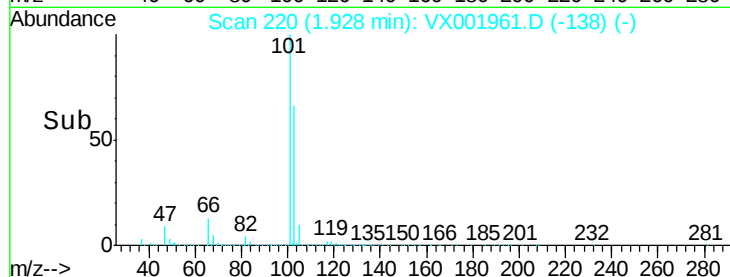
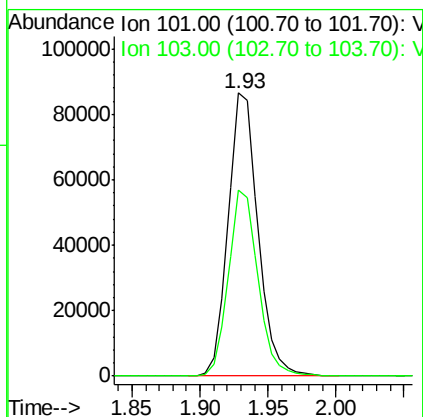
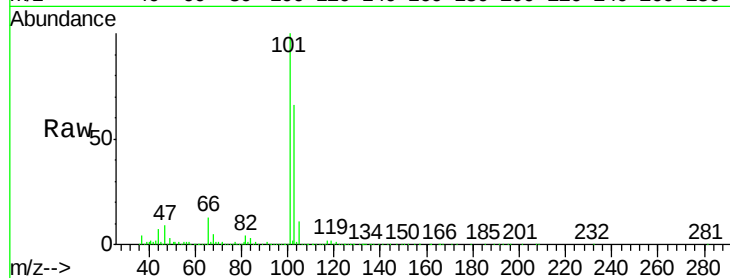


#7

Trichlorofluoromethane
 Concen: 20.14 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

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 MSVOA_X
 ClientSampleId :
 BFB

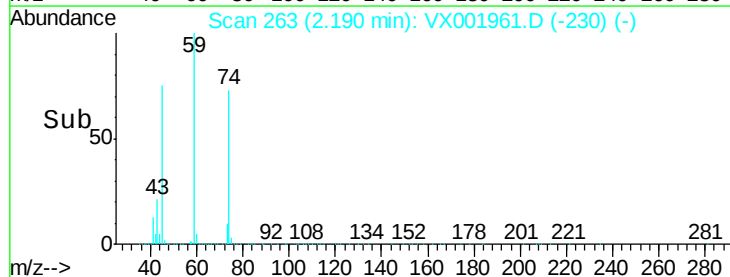
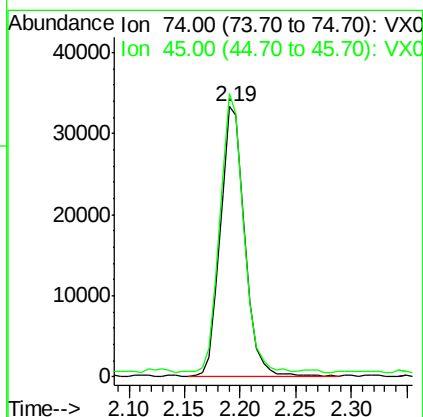
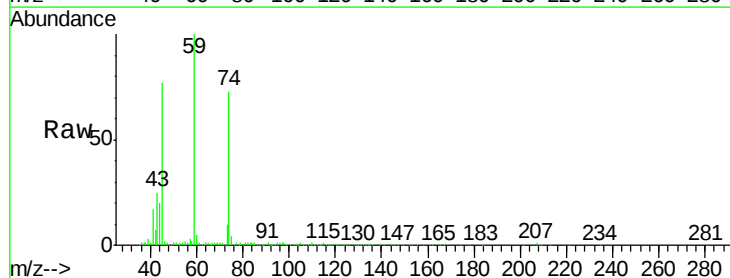
Tgt Ion: 101 Resp: 132496
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

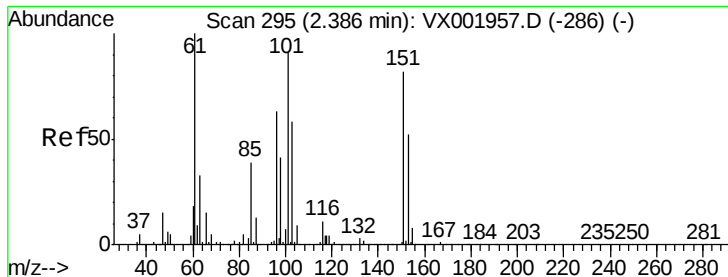


#8

Diethyl Ether
 Concen: 20.07 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 74 Resp: 49672
 Ion Ratio Lower Upper
 74 100
 45 101.7 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.75 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

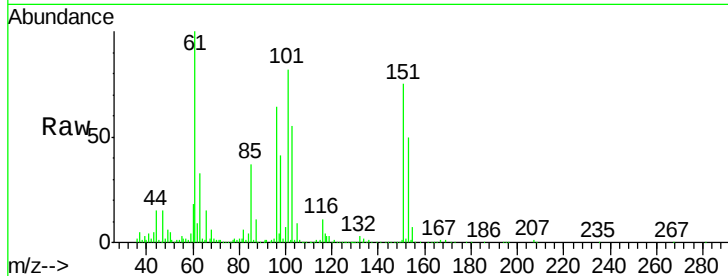
Instrument :

MSVOA_X

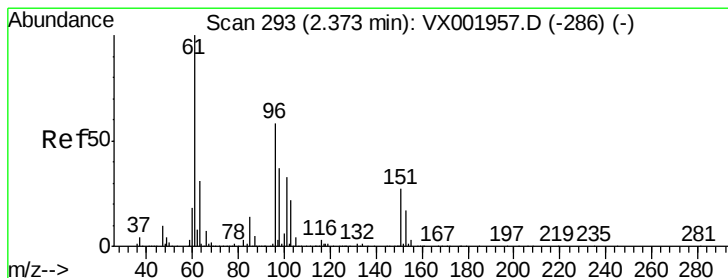
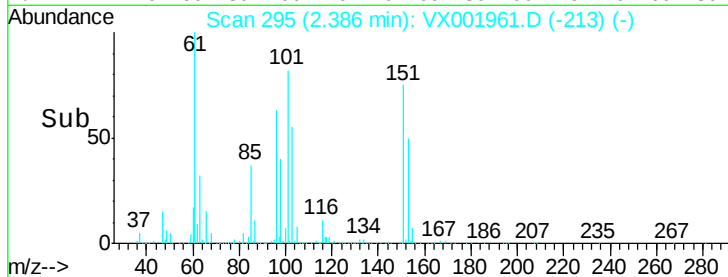
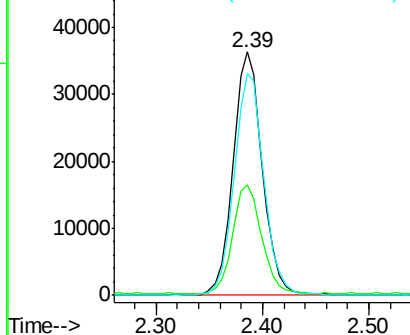
ClientSampleId :

BFB

Tgt Ion:	101	Resp:	69960
Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	87.0
151	92.1	0.0	177.6



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.90 ug/l

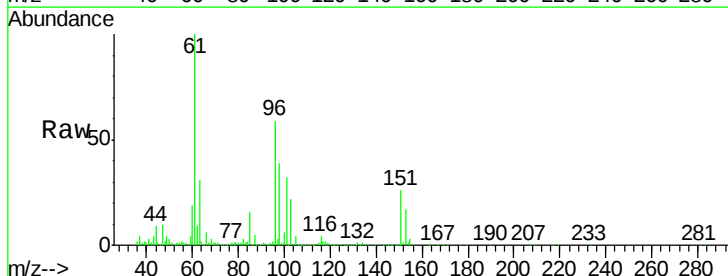
RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

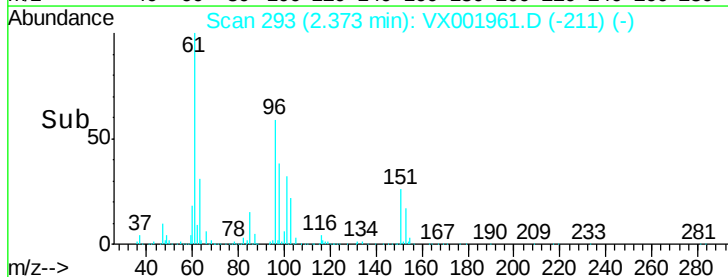
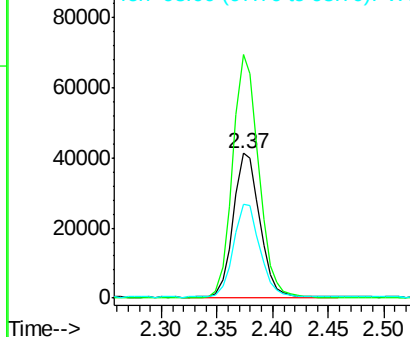
Lab File: VX001961.D

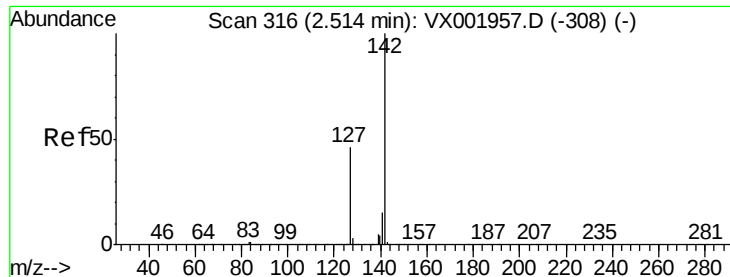
Acq: 25 May 2018 00:46

Tgt Ion:	96	Resp:	67966
Ion	Ratio	Lower	Upper
96	100		
61	169.1	137.5	206.3
98	64.5	51.4	77.2



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

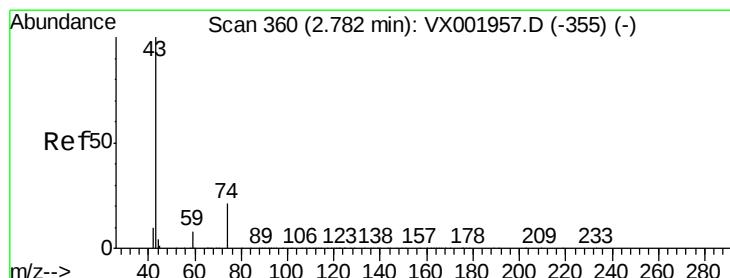
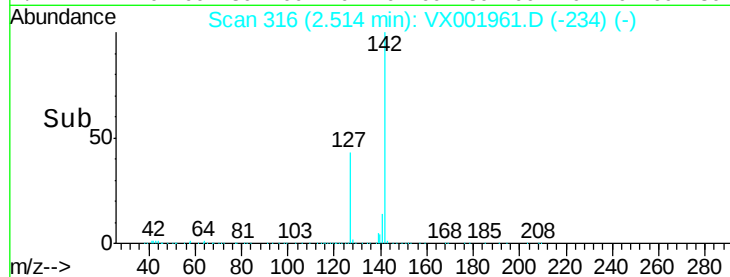
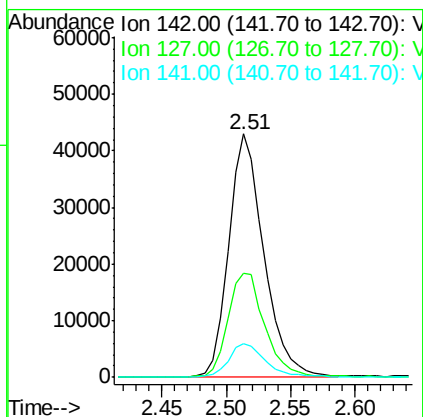
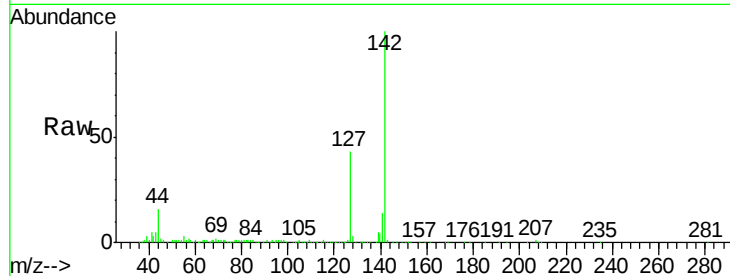




#11
Methyl Iodide
Concen: 15.17 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

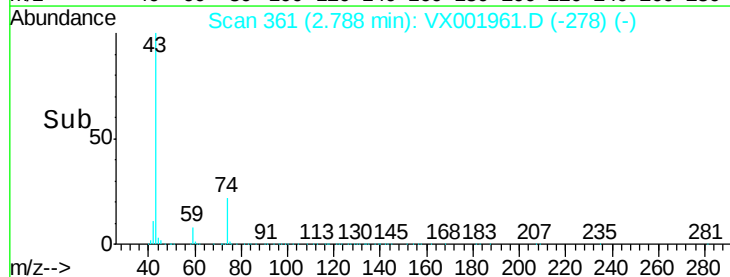
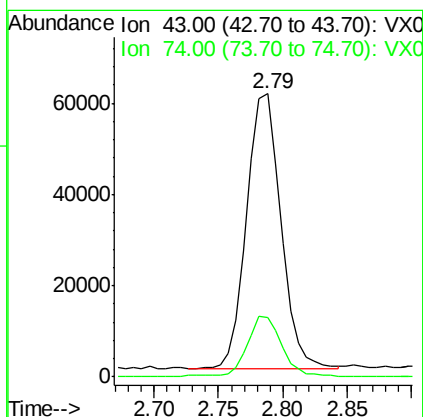
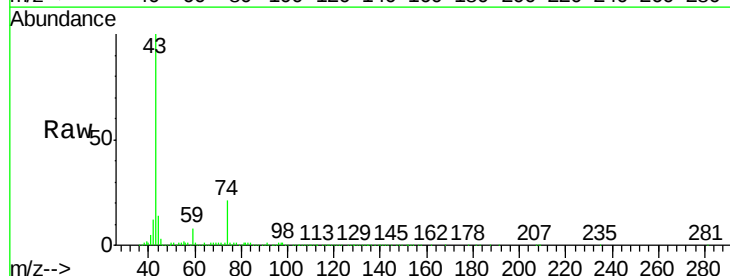
Instrument :
MSVOA_X
ClientSampleId :
BFB

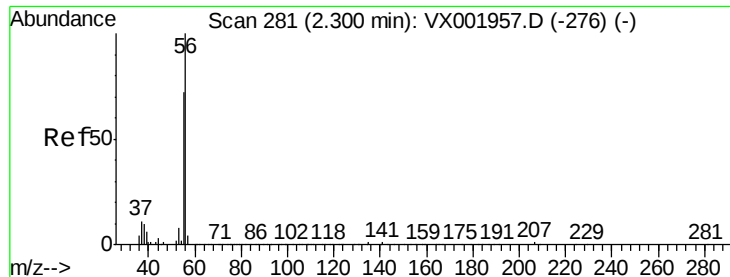
Tgt Ion:142 Resp: 81391
Ion Ratio Lower Upper
142 100
127 42.6 23.2 69.6
141 13.9 7.4 22.2



#12
Methyl Acetate
Concen: 20.10 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 111293
Ion Ratio Lower Upper
43 100
74 21.4 16.4 24.6





#13

Acrolein

Concen: 96.94 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

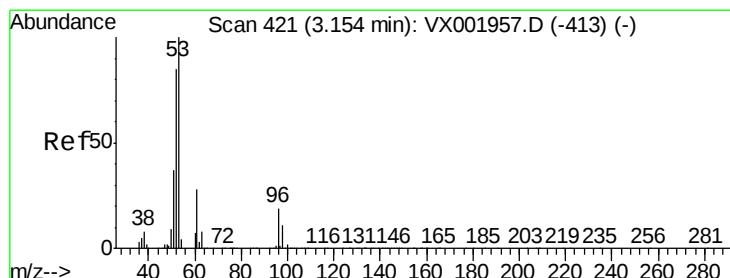
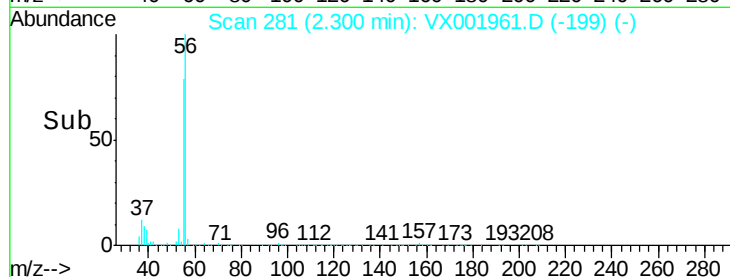
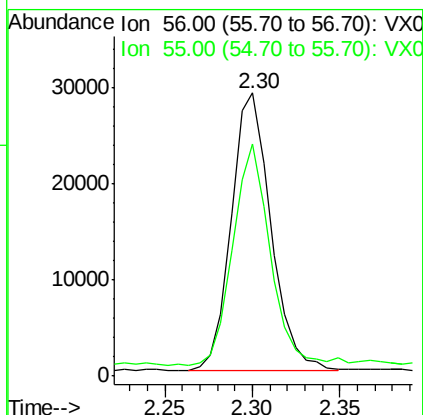
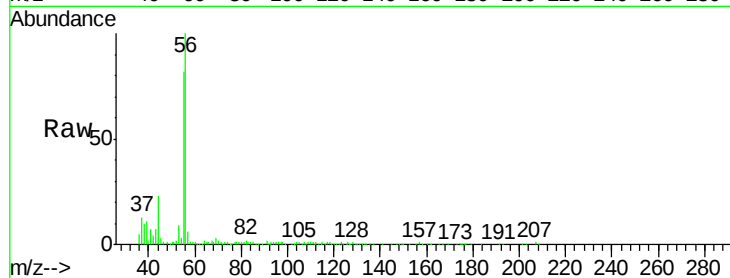
BFB

Tgt Ion: 56 Resp: 45690

Ion Ratio Lower Upper

56 100

55 74.0 57.3 85.9



#14

Acrylonitrile

Concen: 100.59 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

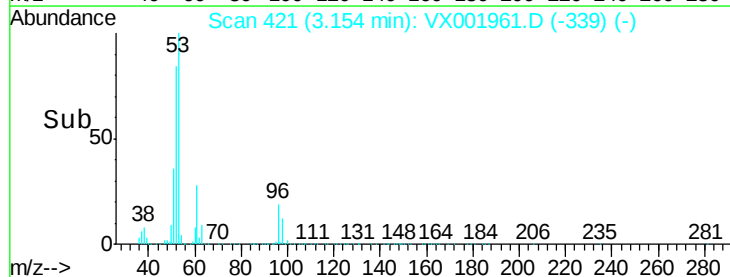
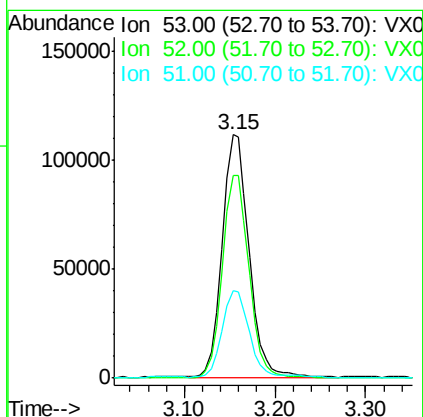
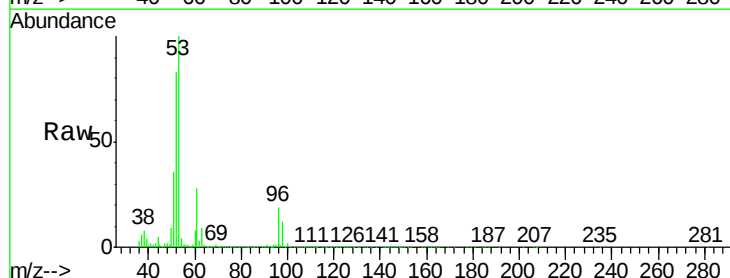
Tgt Ion: 53 Resp: 229100

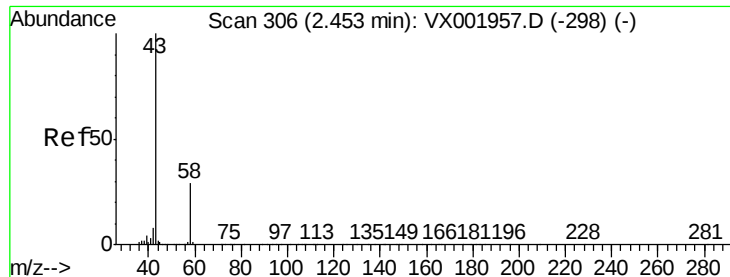
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 35.5 17.9 53.8





#15

Acetone

Concen: 99.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

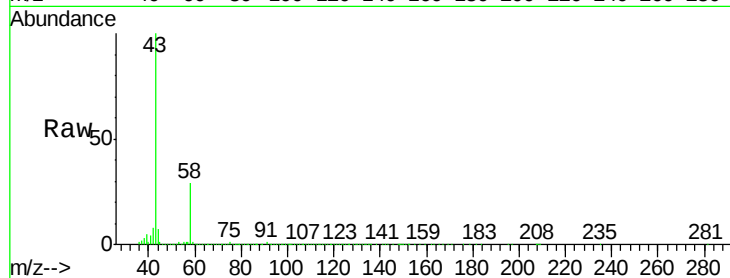
BFB

Tgt Ion: 58 Resp: 60350

Ion Ratio Lower Upper

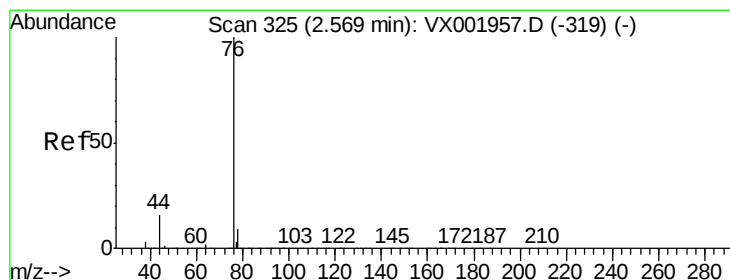
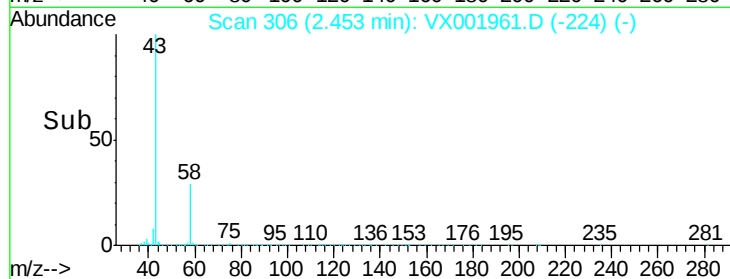
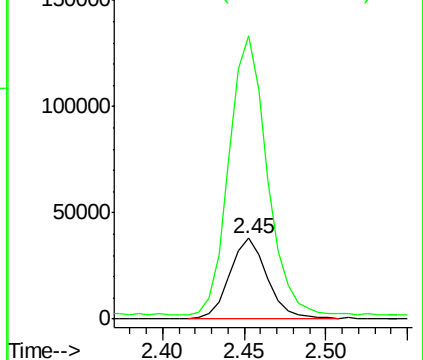
58 100

43 348.6 278.8 418.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.75 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001961.D

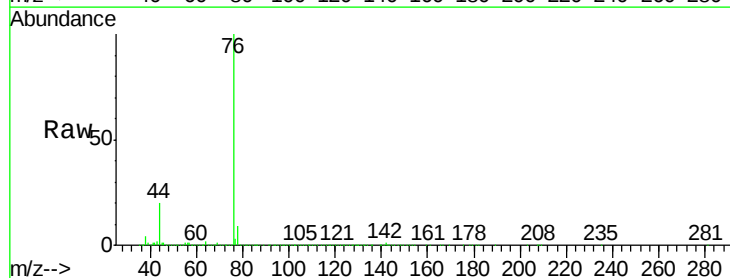
Acq: 25 May 2018 00:46

Tgt Ion: 76 Resp: 202367

Ion Ratio Lower Upper

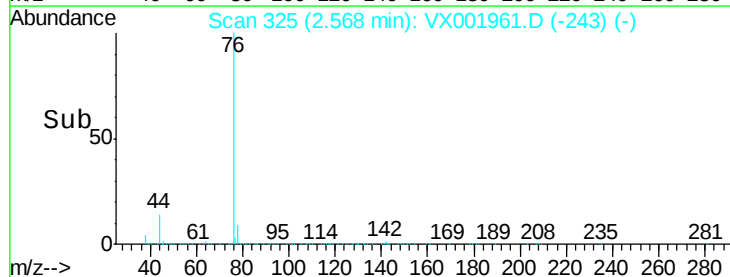
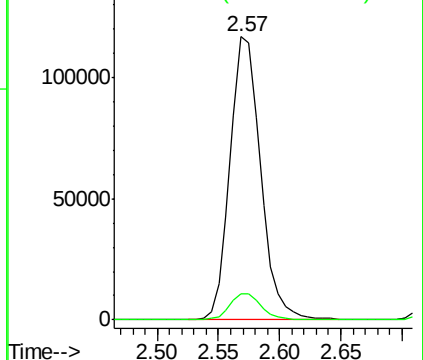
76 100

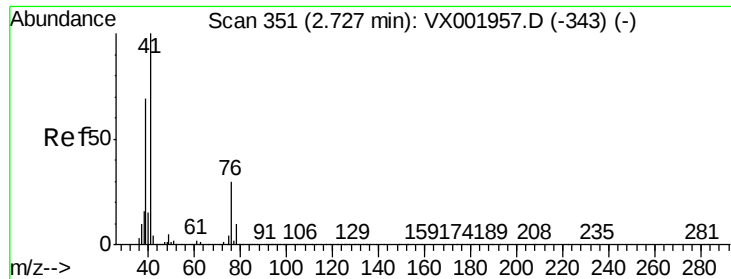
78 9.2 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

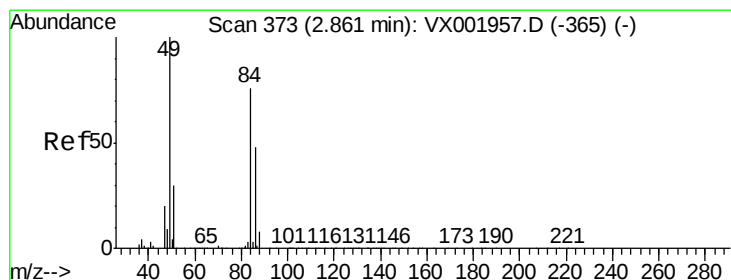
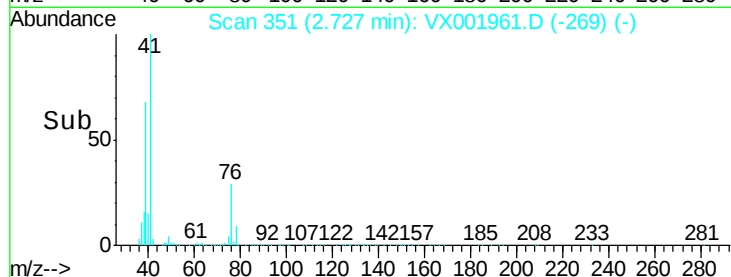
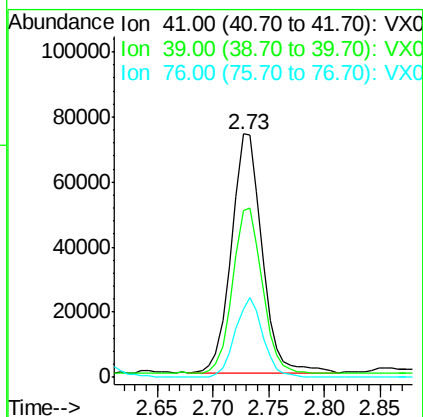
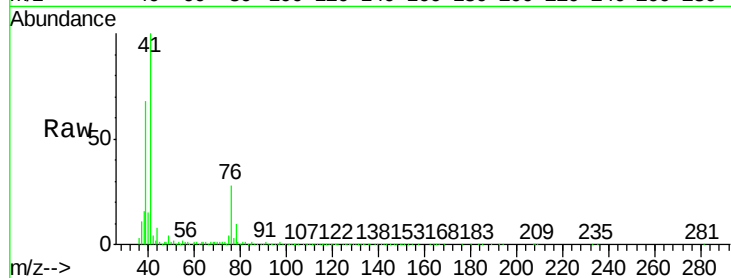




#17
 Allyl chloride
 Concen: 19.95 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

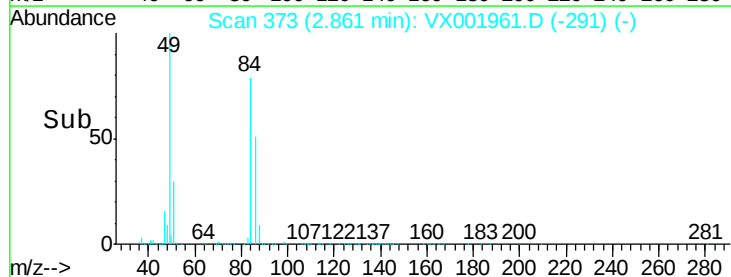
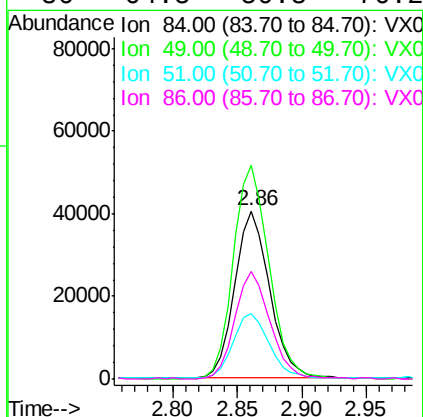
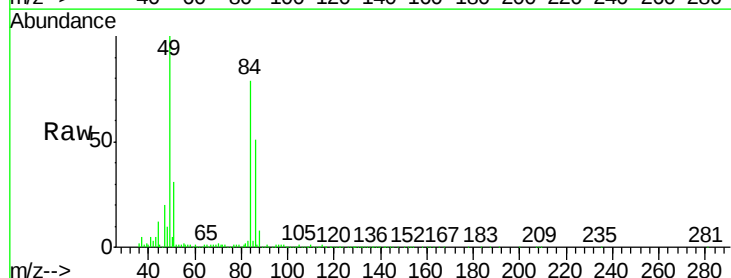
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

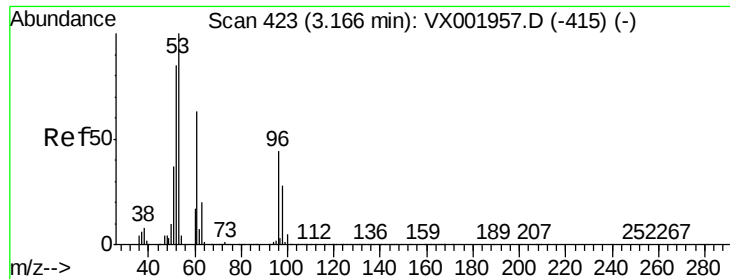
Tgt Ion: 41 Resp: 140638
 Ion Ratio Lower Upper
 41 100
 39 68.1 34.6 103.8
 76 28.6 15.0 45.1



#18
 Methylene Chloride
 Concen: 19.87 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 84 Resp: 76255
 Ion Ratio Lower Upper
 84 100
 49 127.7 104.7 157.1
 51 38.5 31.0 46.4
 86 64.5 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.24 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

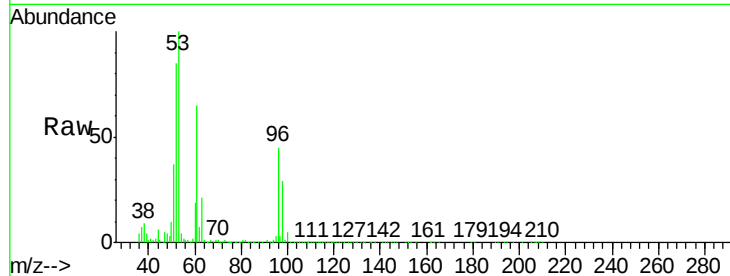
Tgt Ion: 96 Resp: 73079

Ion Ratio Lower Upper

96 100

61 145.0 114.6 172.0

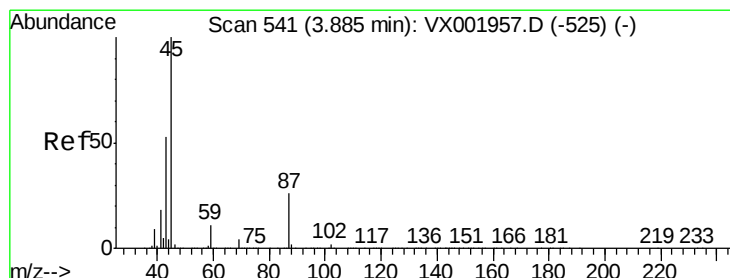
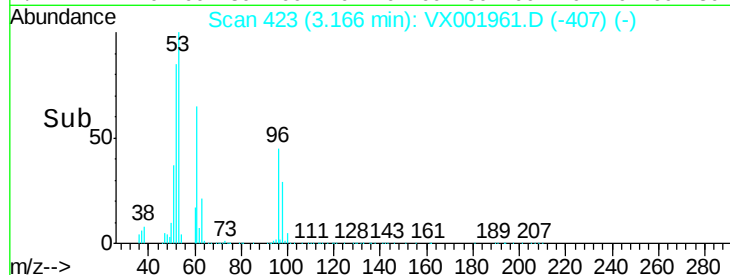
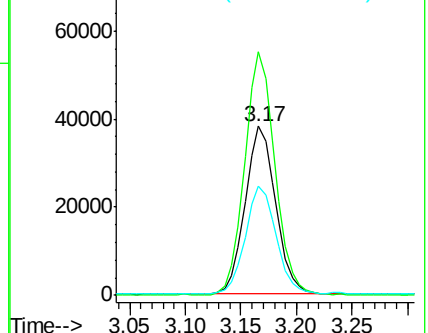
98 63.7 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.57 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Tgt Ion: 45 Resp: 263349

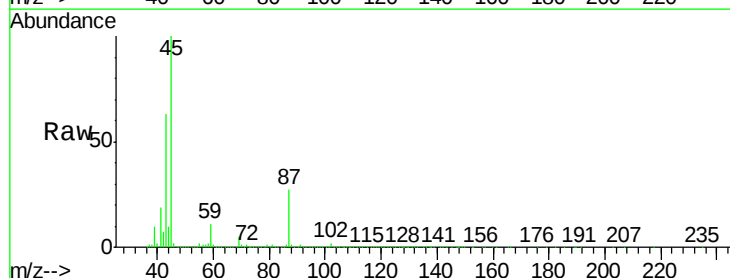
Ion Ratio Lower Upper

45 100

43 60.9 45.6 68.4

87 27.3 20.7 31.1

59 11.1 8.9 13.3

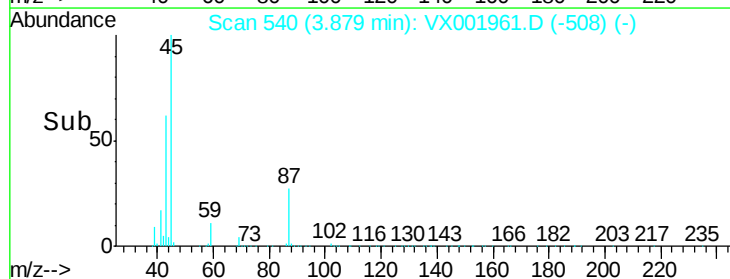
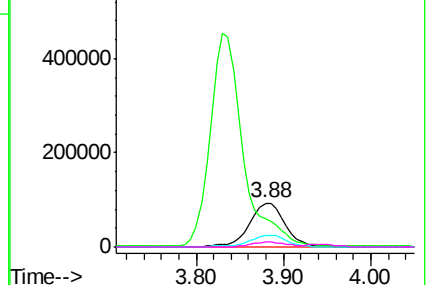


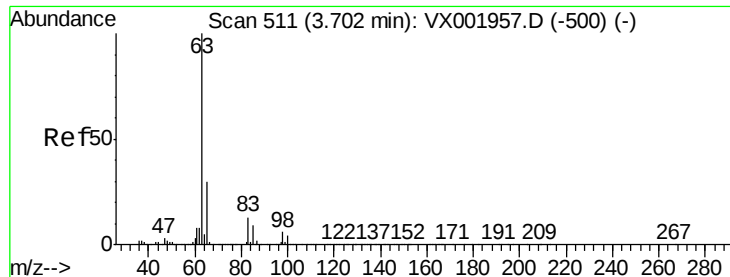
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.60 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

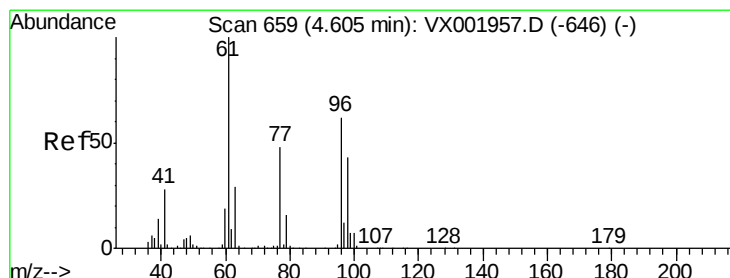
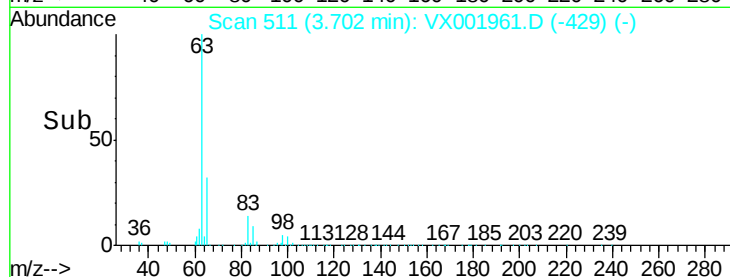
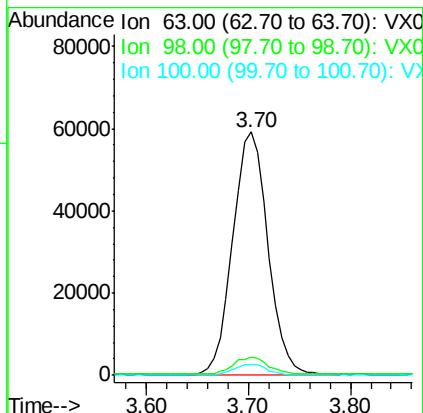
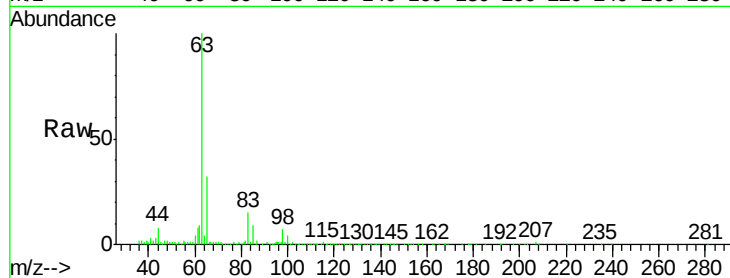
Tgt Ion: 63 Resp: 140418

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.4 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 20.13 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

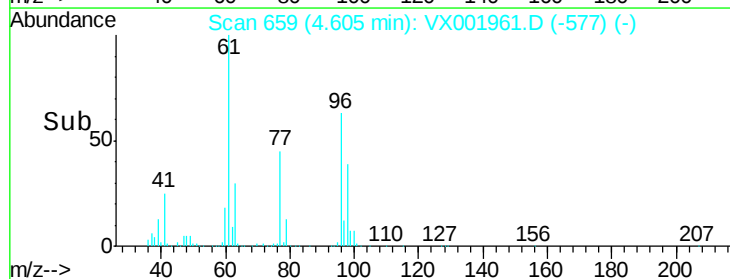
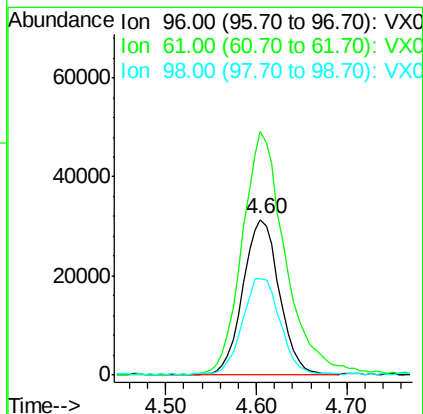
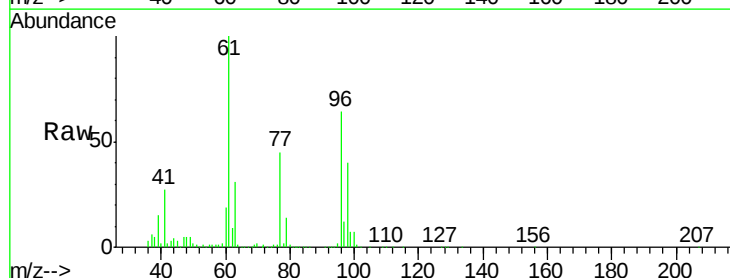
Tgt Ion: 96 Resp: 86674

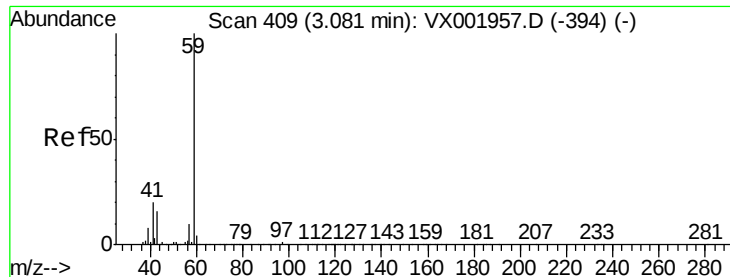
Ion Ratio Lower Upper

96 100

61 188.2 160.2 240.2

98 63.8 54.1 81.1

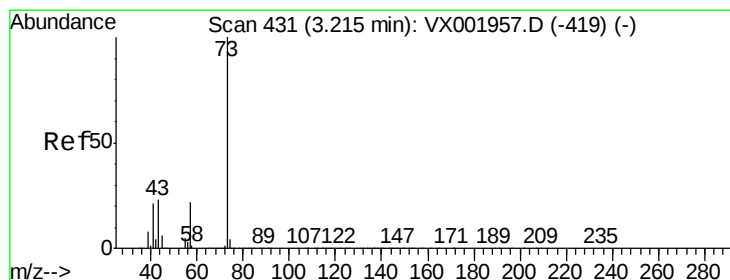
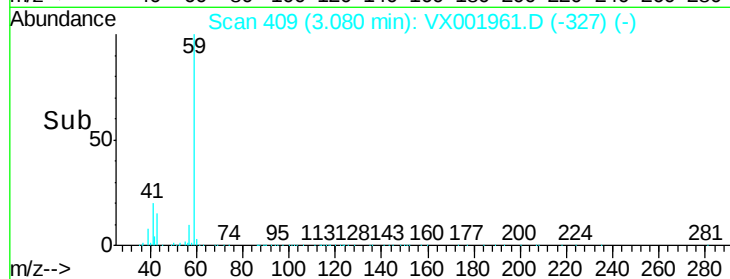
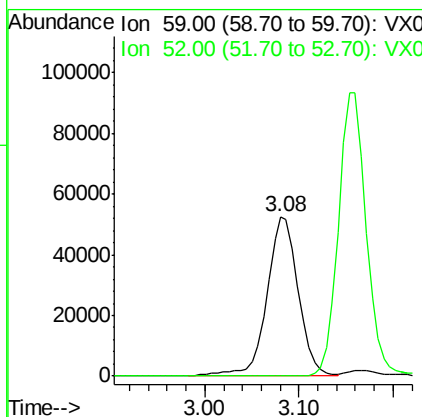
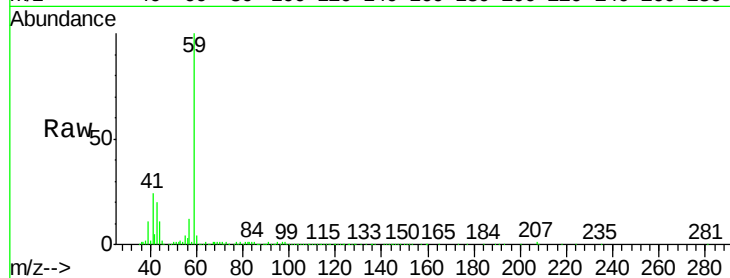




#23
 tert-Butyl Alcohol
 Concen: 102.57 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

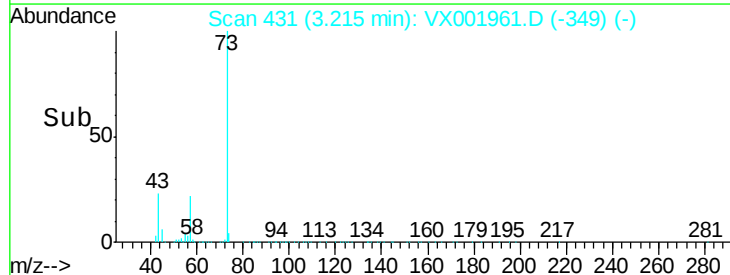
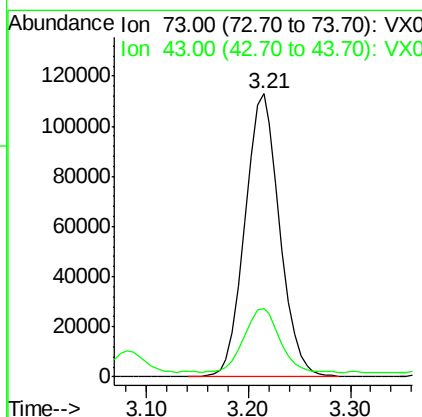
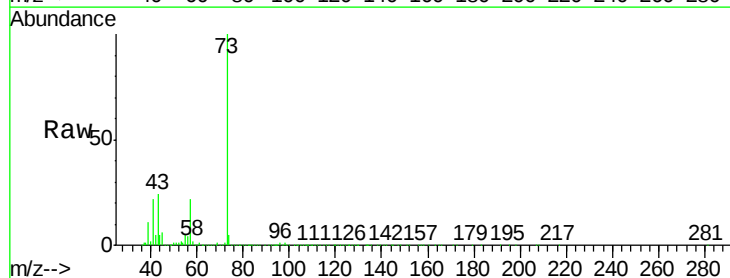
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

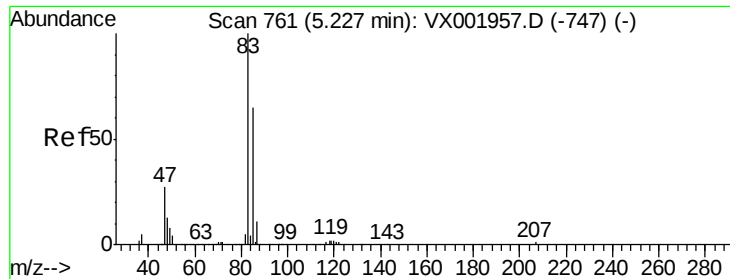
Tgt Ion: 59 Resp: 121159
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 19.96 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 73 Resp: 266074
 Ion Ratio Lower Upper
 73 100
 43 23.2 19.0 28.4

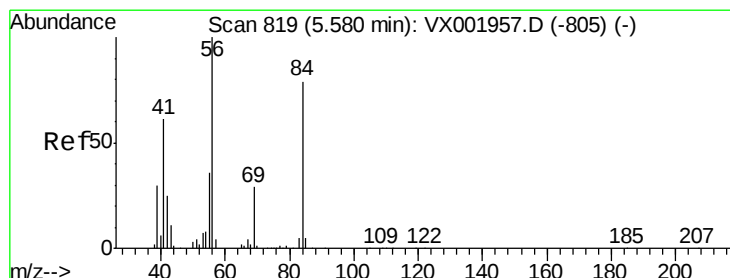
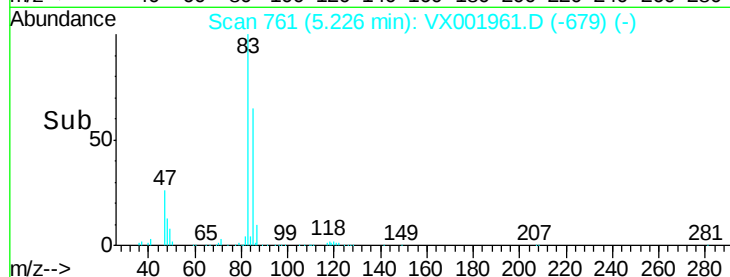
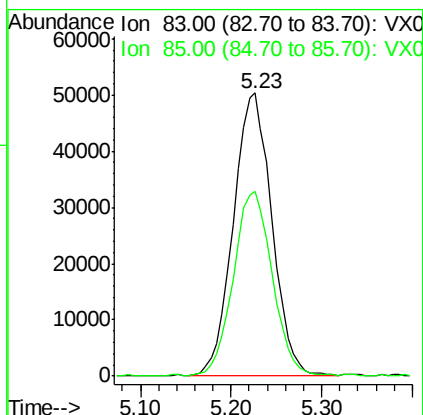
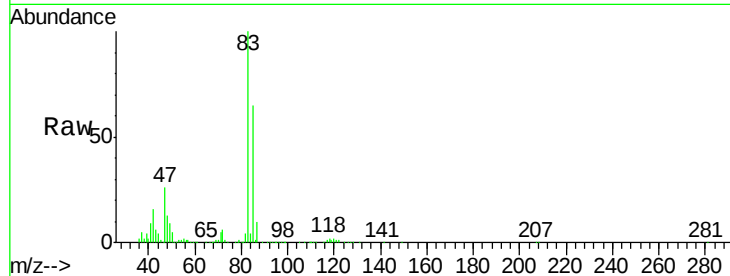




#25
Chloroform
Concen: 19.56 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

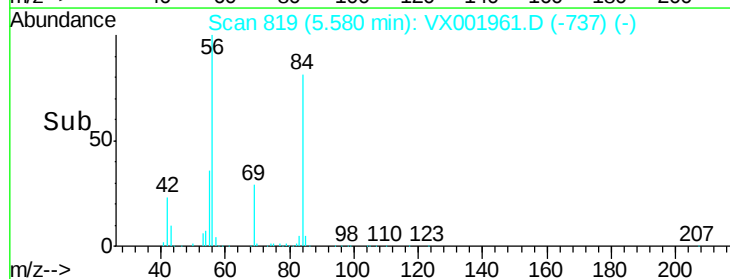
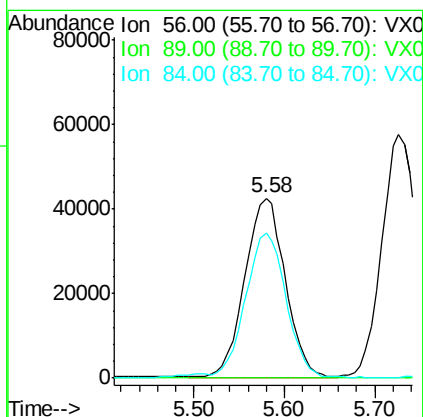
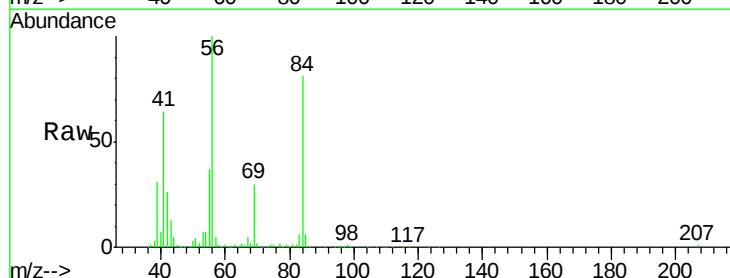
Instrument :
MSVOA_X
ClientSampleId :
BFB

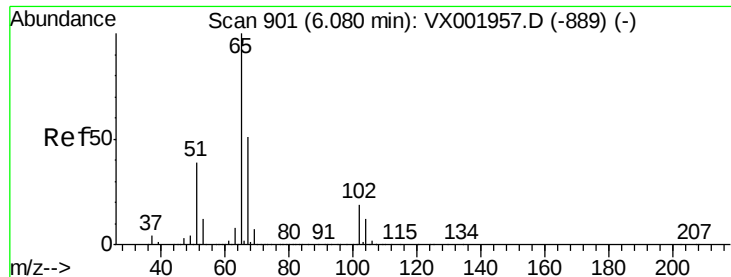
Tgt Ion: 83 Resp: 147306
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9



#26
Cyclohexane
Concen: 19.73 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 56 Resp: 130060
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.6 64.9 97.3





#27

1,2-Dichloroethane-d4

Concen: 30.04 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

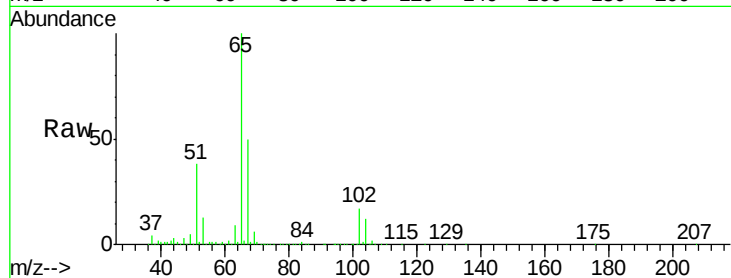
BFB

Tgt Ion: 65 Resp: 162270

Ion Ratio Lower Upper

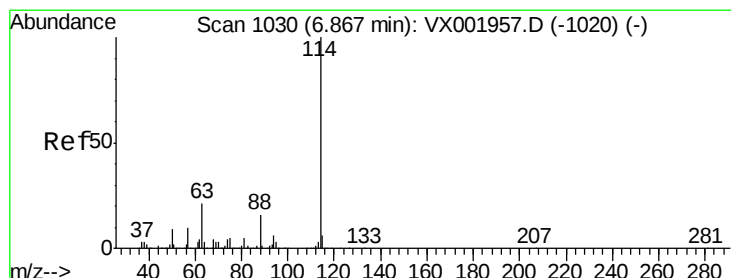
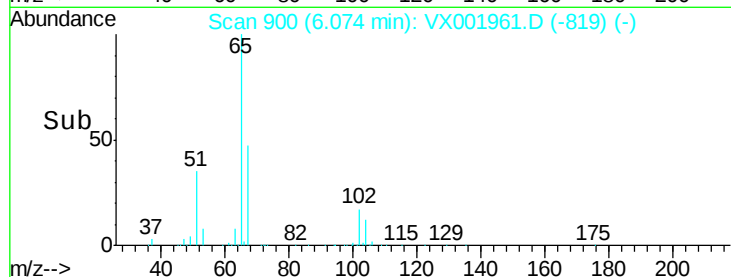
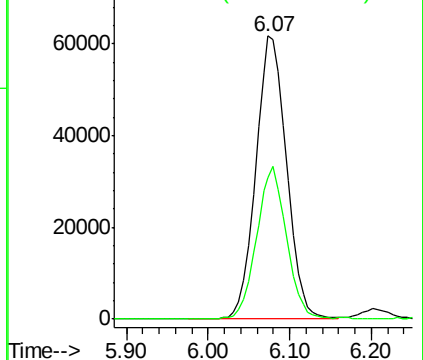
65 100

67 51.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

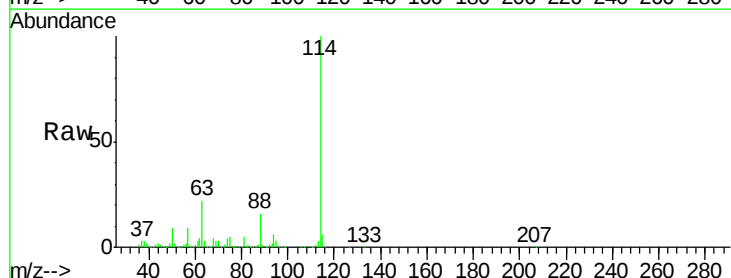
Tgt Ion: 114 Resp: 376969

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

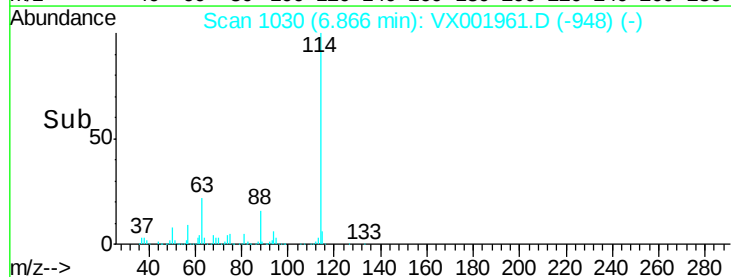
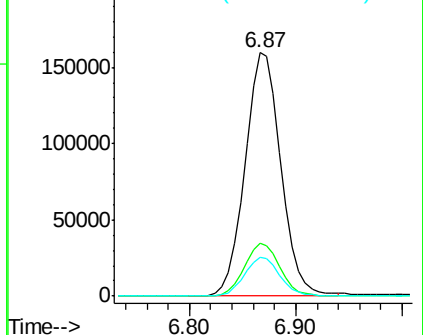
88 15.9 12.6 19.0

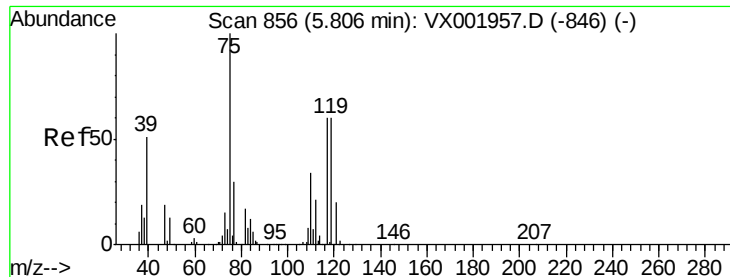


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

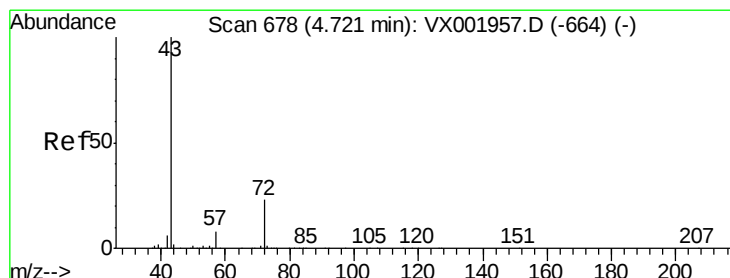
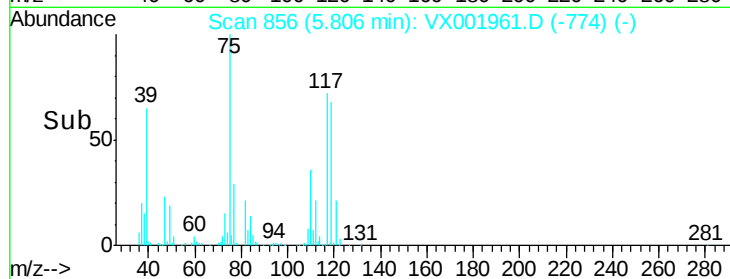
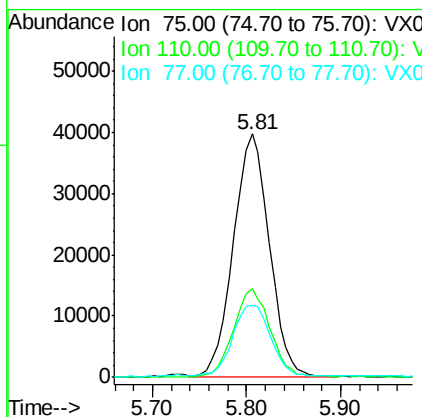
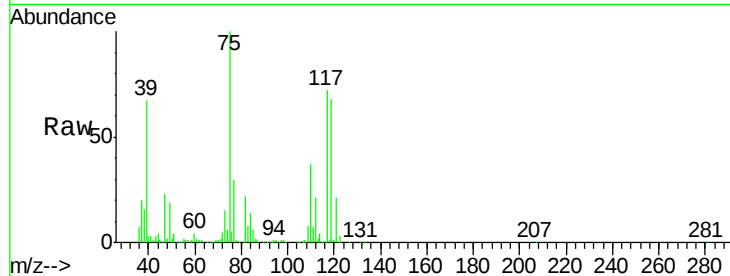




#29
 1,1-Dichloropropene
 Concen: 20.17 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

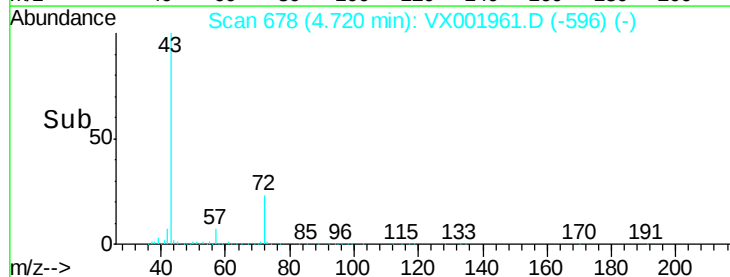
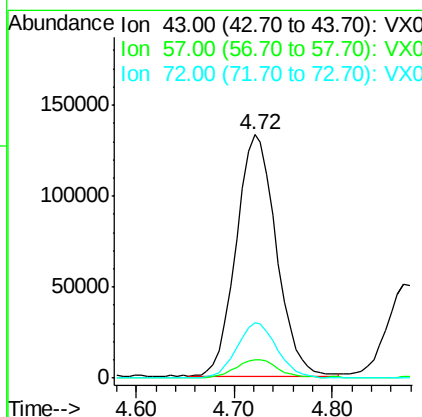
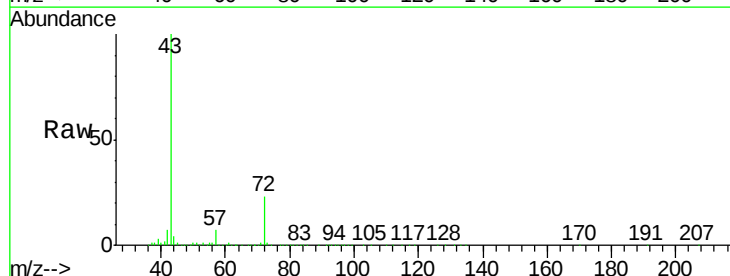
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

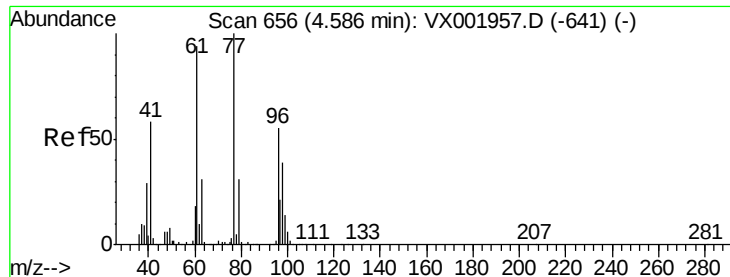
Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	71.4
77	30.5	0.0	60.6



#30
 2-Butanone
 Concen: 102.01 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.1	9.1
72	22.9	18.1	27.1





#31

2,2-Dichloropropane

Concen: 18.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

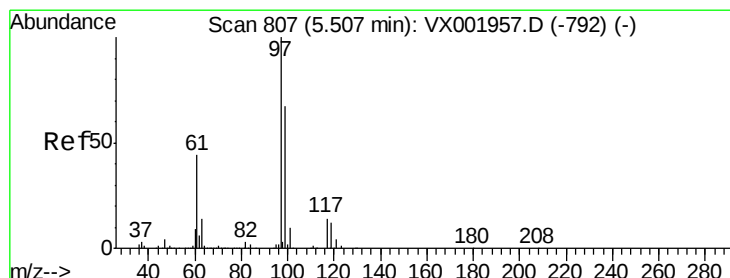
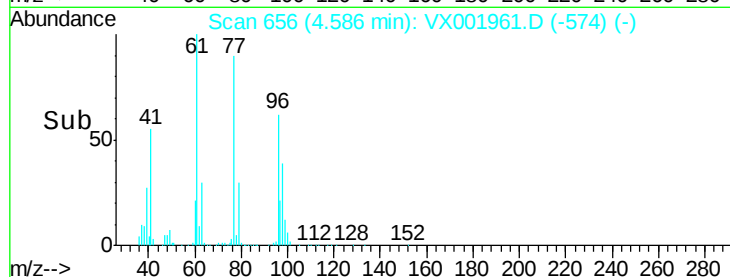
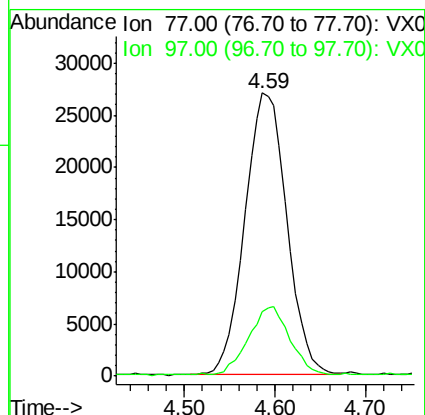
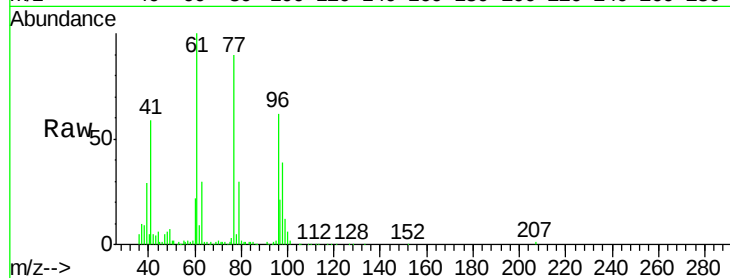
BFB

Tgt Ion: 77 Resp: 86573

Ion Ratio Lower Upper

77 100

97 23.8 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 20.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

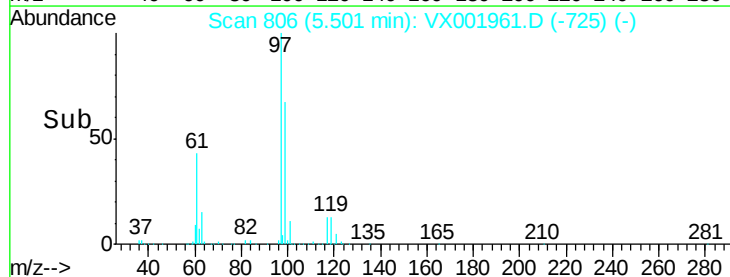
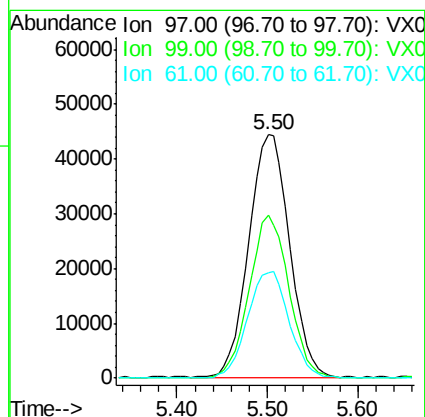
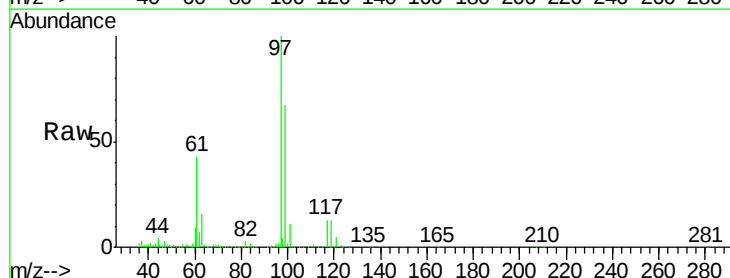
Tgt Ion: 97 Resp: 138589

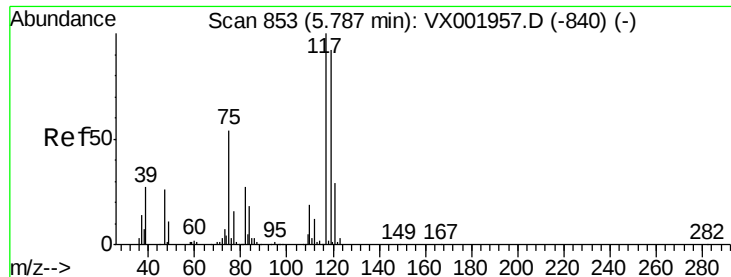
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 44.8 36.4 54.6





#33

Carbon Tetrachloride

Concen: 19.90 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

BFB

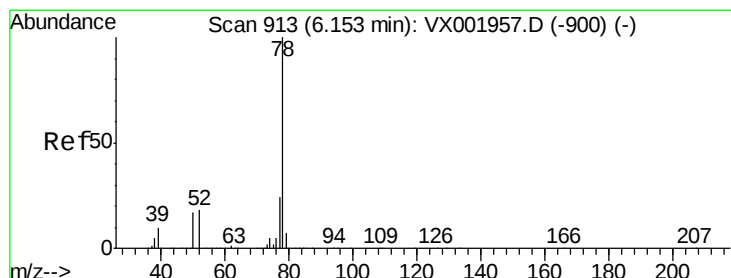
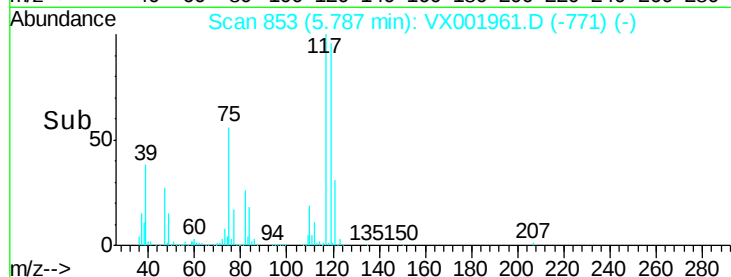
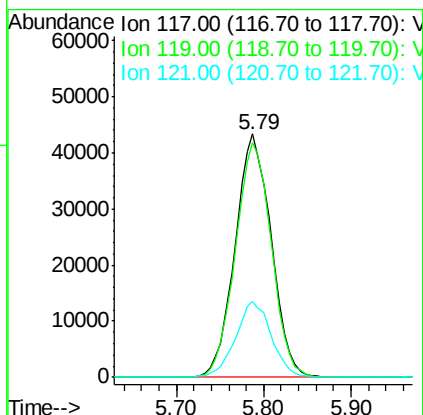
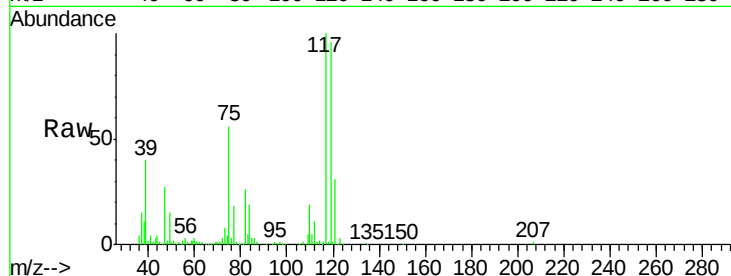
Tgt Ion: 117 Resp: 124541

Ion Ratio Lower Upper

117 100

119 96.1 73.3 109.9

121 31.4 23.6 35.4



#34

Benzene

Concen: 19.95 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

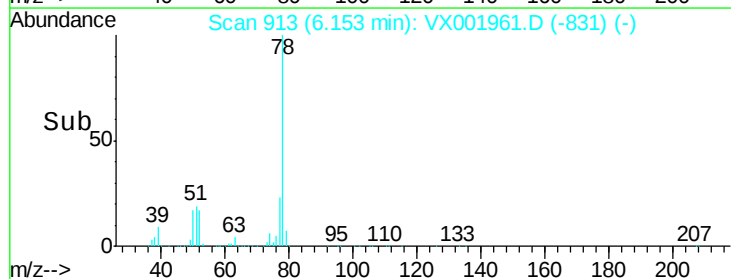
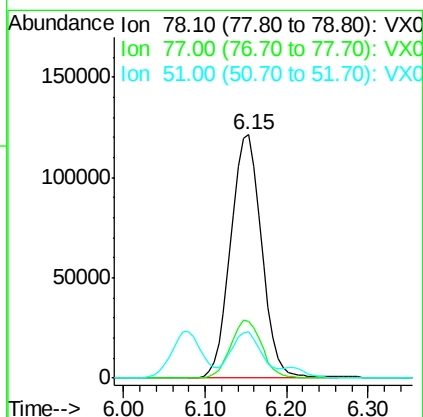
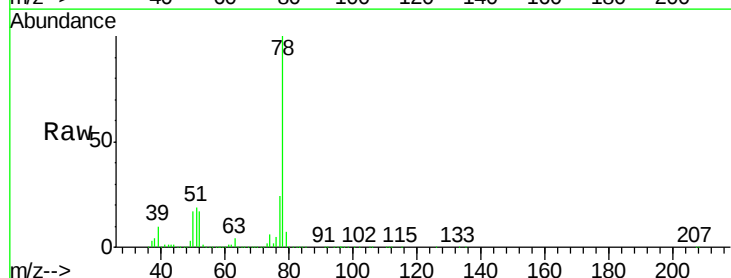
Tgt Ion: 78 Resp: 317647

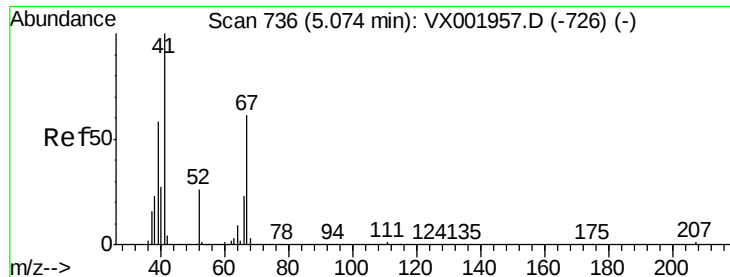
Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

51 18.6 13.8 20.6

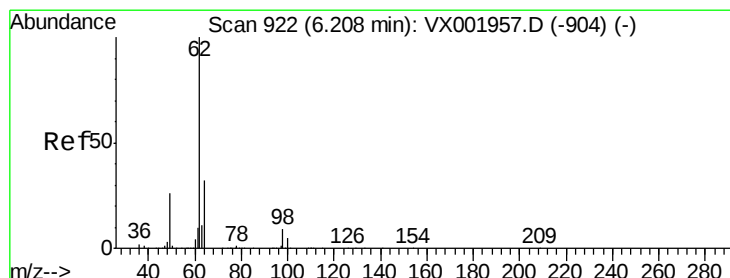
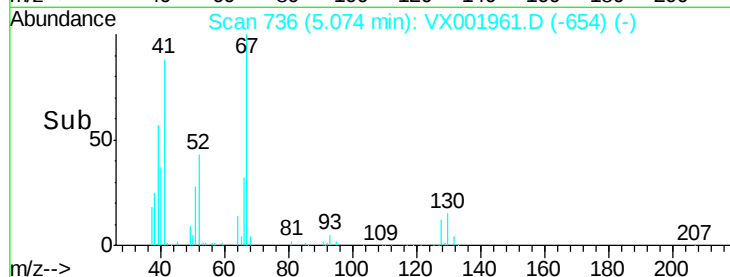
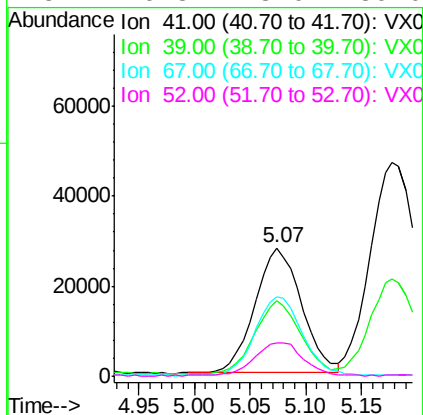
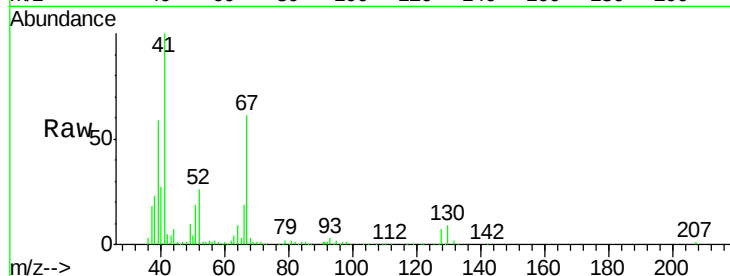




#35
Methacrylonitrile
Concen: 19.95 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

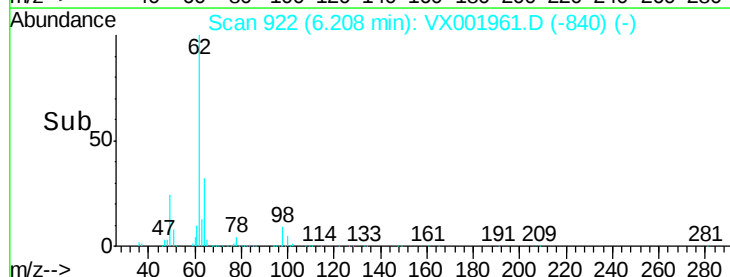
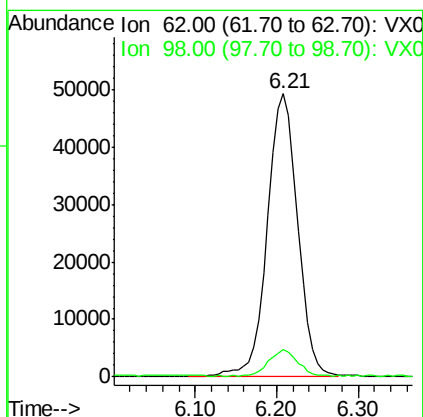
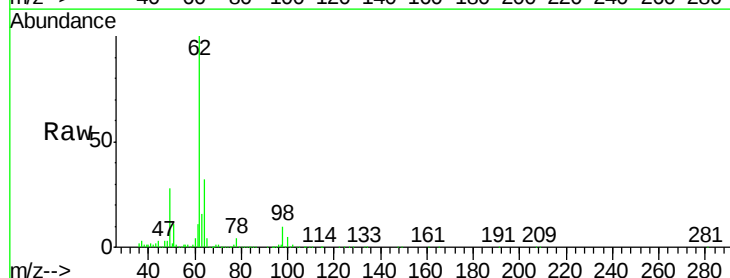
Instrument :
MSVOA_X
ClientSampled :
BFB

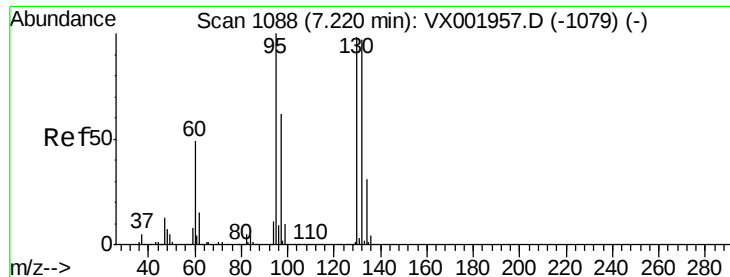
Tgt Ion:	41	Resp:	81281
Ion	Ratio	Lower	Upper
41	100		
39	58.3	28.8	86.5
67	62.1	30.4	91.2
52	26.3	13.0	39.0



#36
1,2-Dichloroethane
Concen: 20.49 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:	62	Resp:	127156
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7

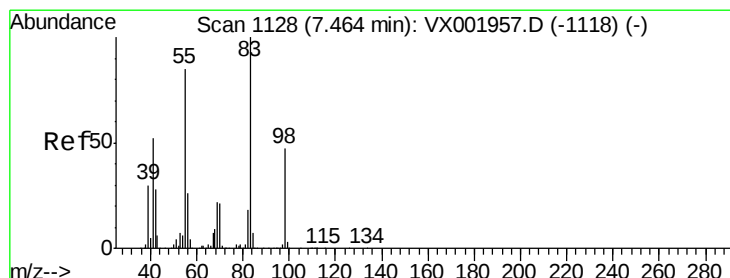
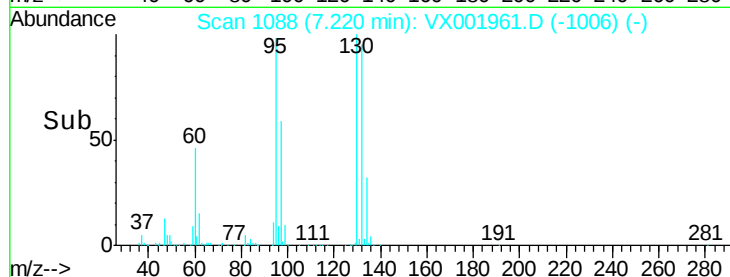
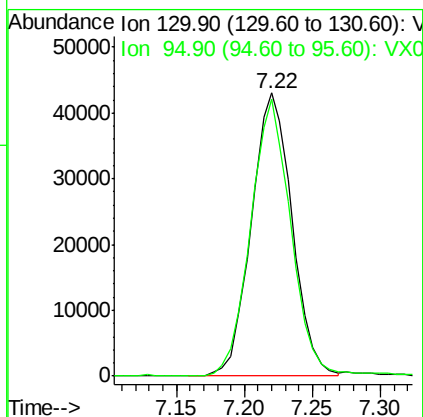
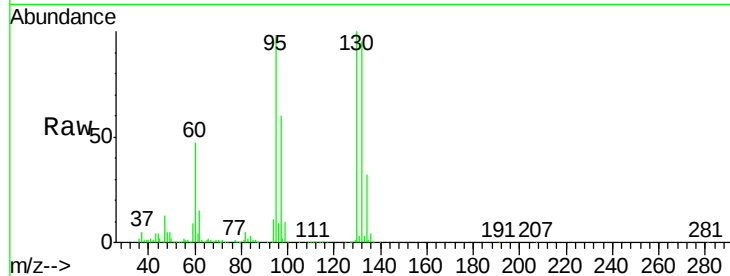




#37
 Trichloroethene
 Concen: 19.97 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

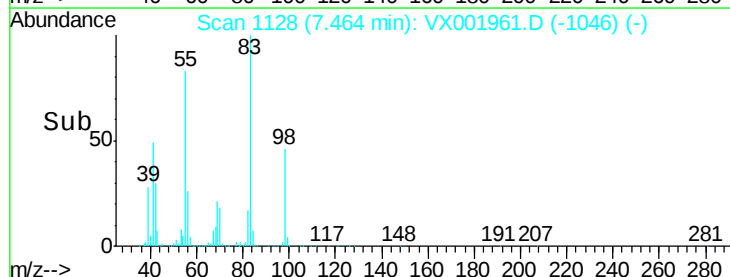
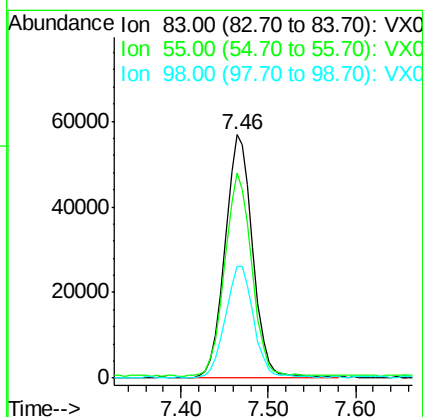
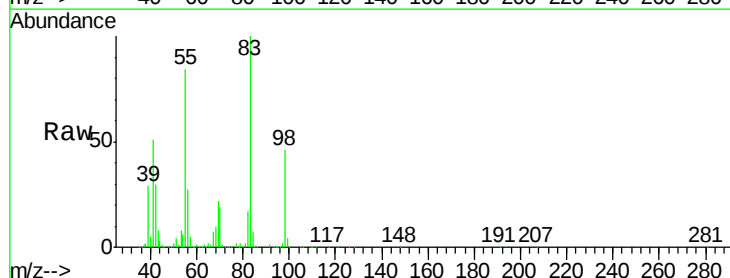
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

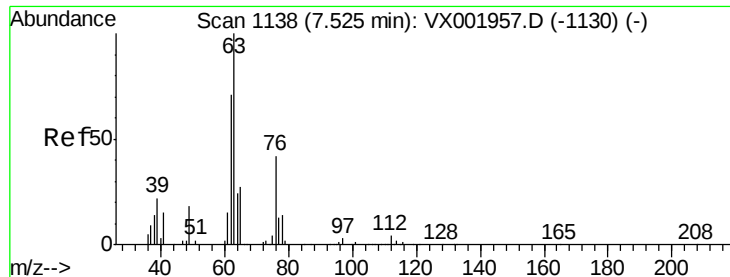
Tgt Ion:130 Resp: 90241
 Ion Ratio Lower Upper
 130 100
 95 97.6 81.5 122.3



#38
 Methylcyclohexane
 Concen: 20.12 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 83 Resp: 123806
 Ion Ratio Lower Upper
 83 100
 55 82.2 40.6 121.8
 98 46.5 23.5 70.5

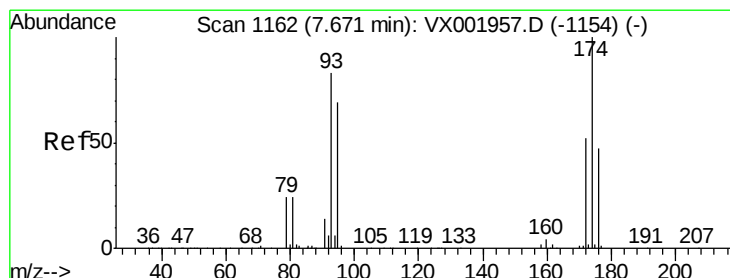
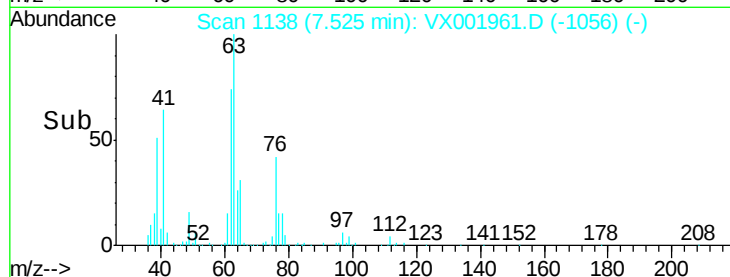
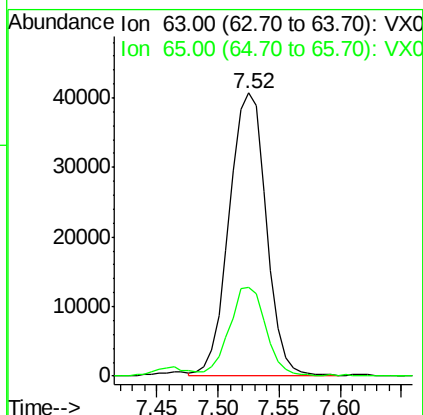
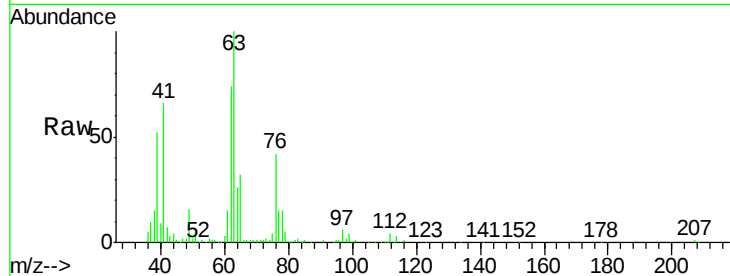




#39
 1,2-Dichloropropane
 Concen: 19.79 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

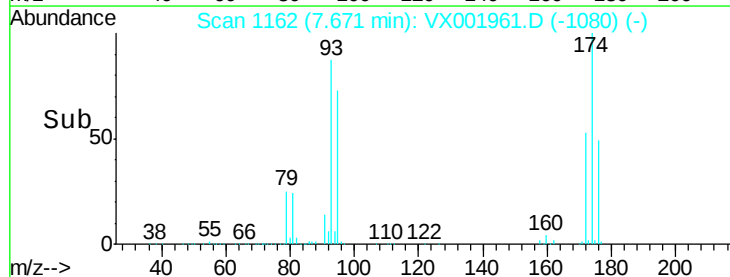
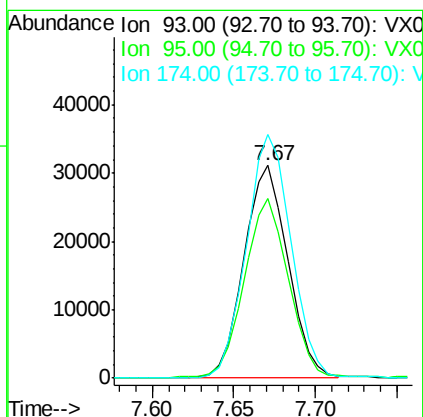
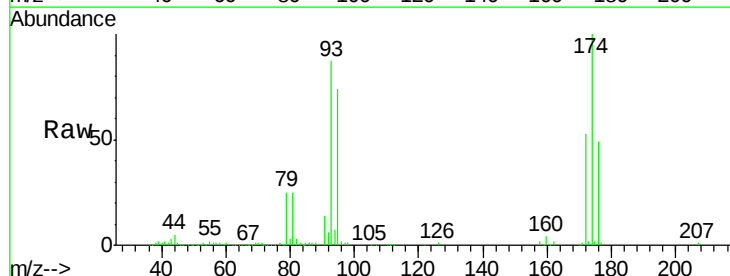
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

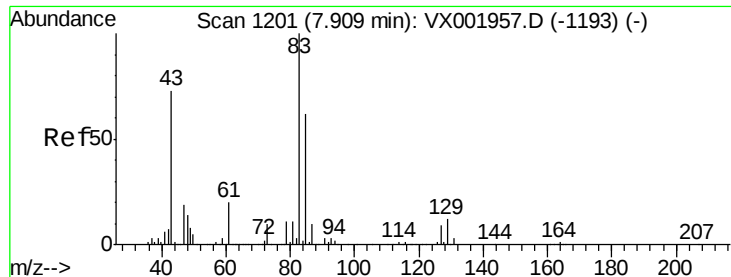
Tgt Ion: 63 Resp: 85211
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.3 34.9



#40
 Dibromomethane
 Concen: 20.22 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 93 Resp: 58413
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 162.6
 174 116.8 0.0 229.4





#41

Bromodichloromethane

Concen: 19.73 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

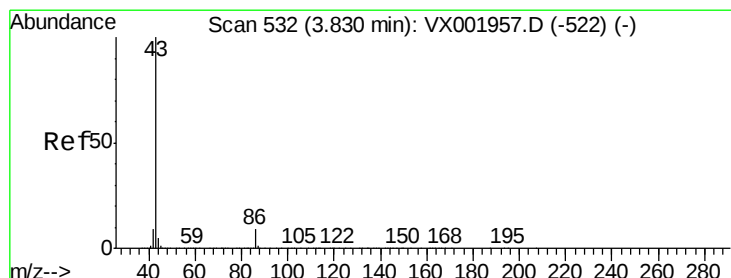
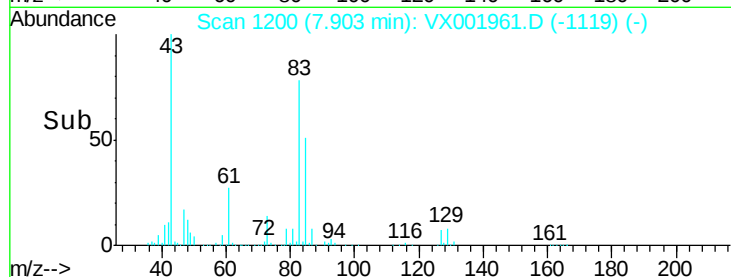
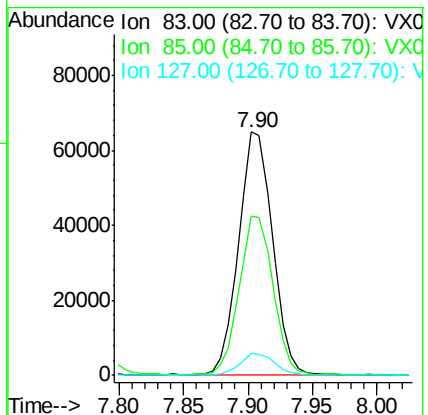
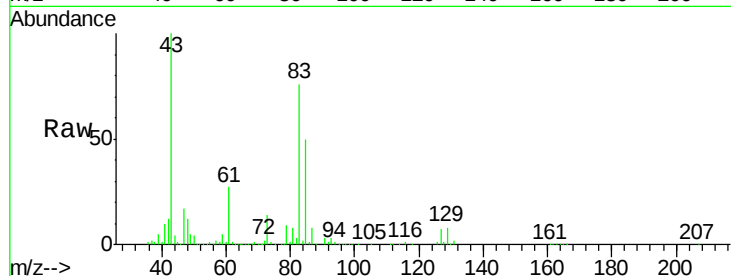
Tgt Ion: 83 Resp: 118253

Ion Ratio Lower Upper

83 100

85 65.3 49.8 74.8

127 9.1 7.3 10.9



#42

Vinyl Acetate

Concen: 101.48 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001961.D

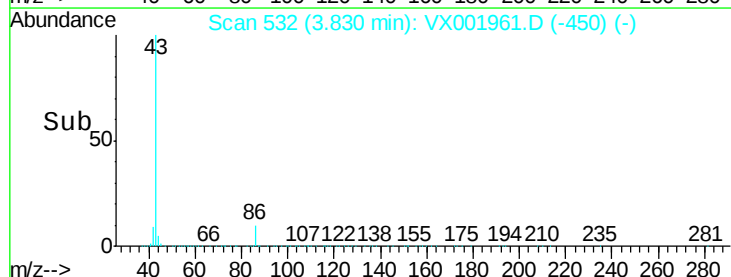
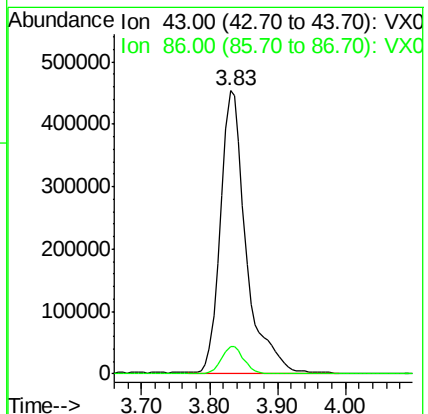
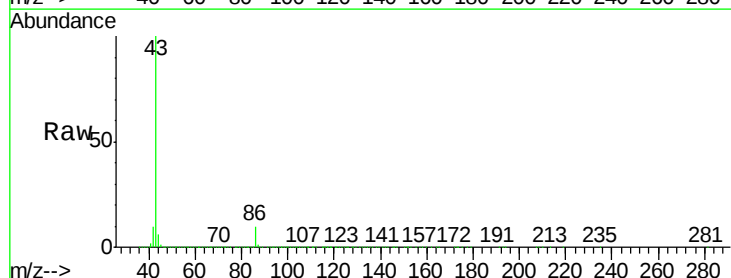
Acq: 25 May 2018 00:46

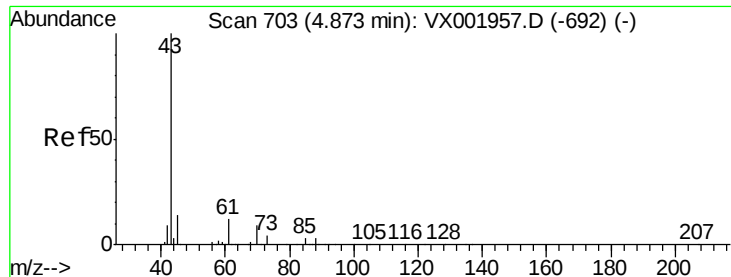
Tgt Ion: 43 Resp: 1181091

Ion Ratio Lower Upper

43 100

86 8.6 6.7 10.1





#43

Ethyl Acetate

Concen: 20.11 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

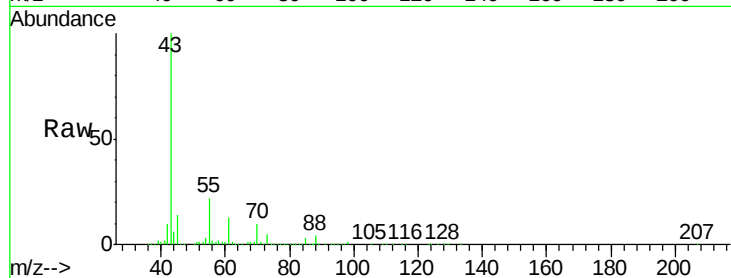
BFB

Tgt Ion: 43 Resp: 145218

Ion Ratio Lower Upper

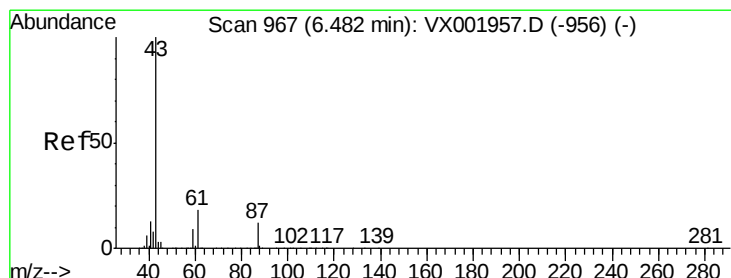
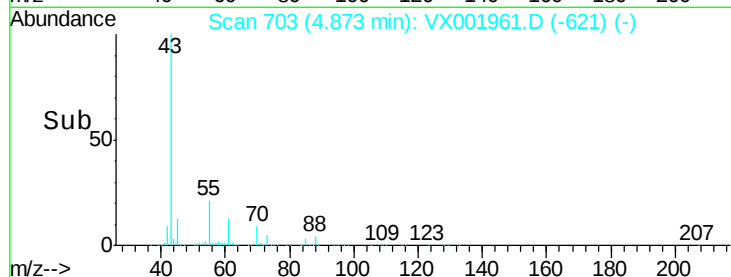
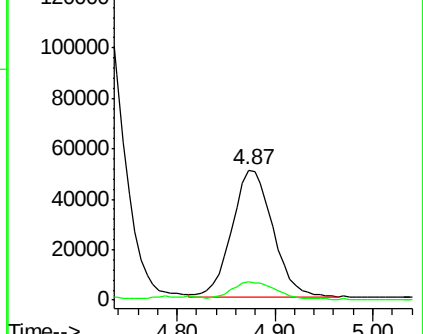
43 100

45 14.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.09 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001961.D

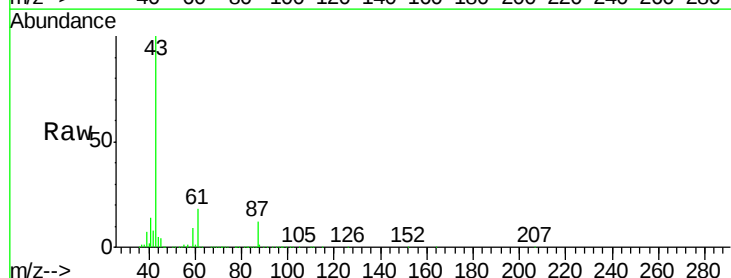
Acq: 25 May 2018 00:46

Tgt Ion: 43 Resp: 241286

Ion Ratio Lower Upper

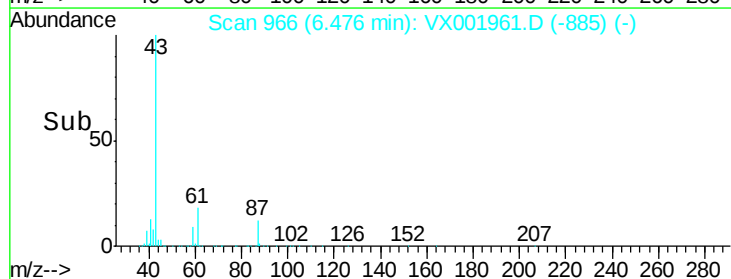
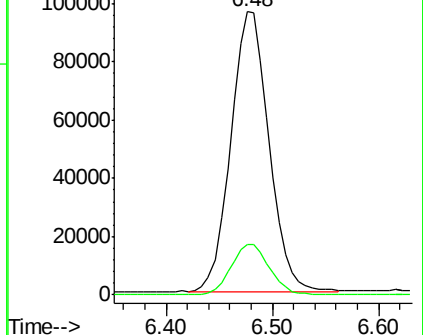
43 100

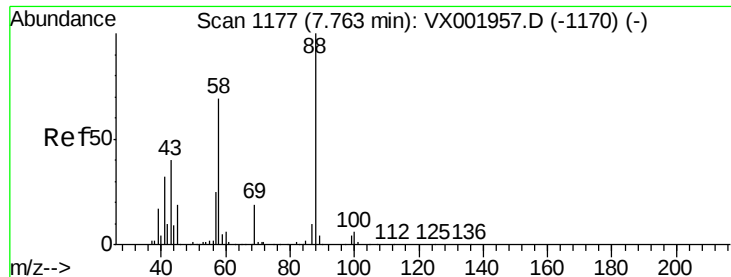
61 18.1 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

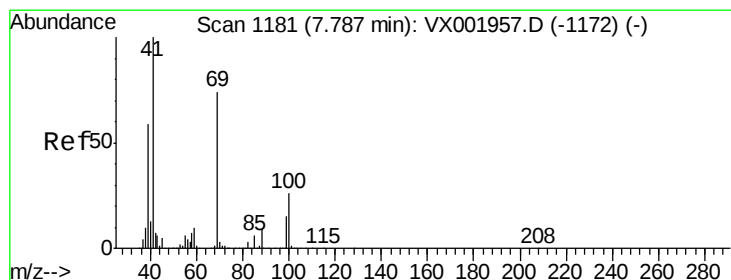
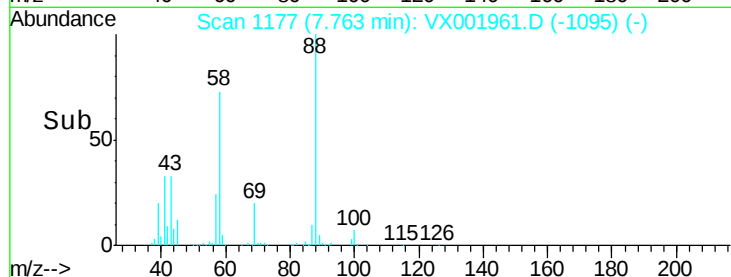
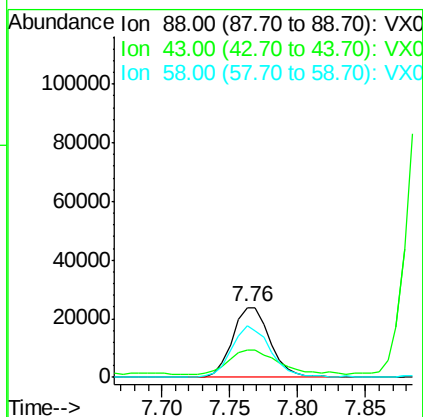
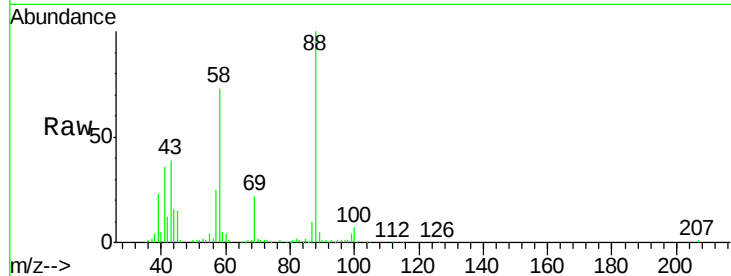




#45
 1,4-Dioxane
 Concen: 404.36 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

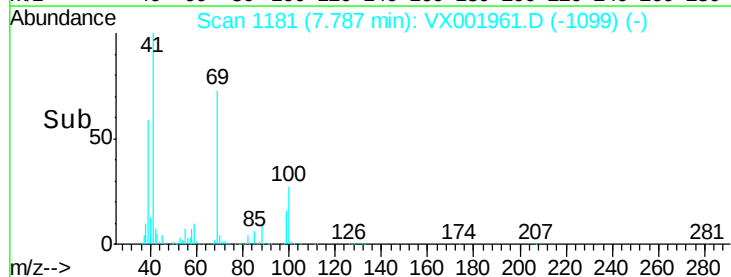
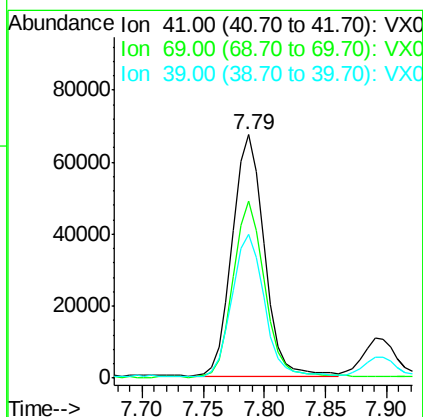
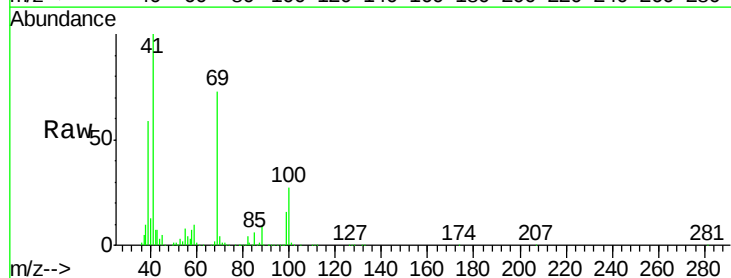
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

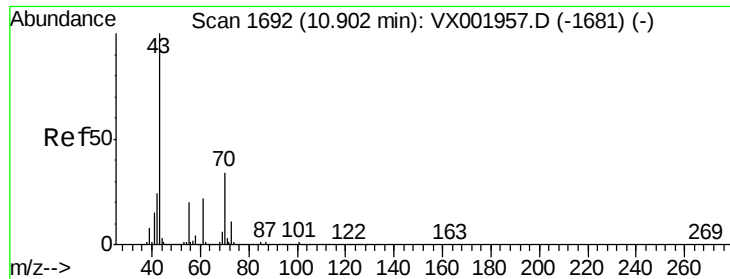
Tgt Ion: 88 Resp: 46190
 Ion Ratio Lower Upper
 88 100
 43 44.7 43.2 64.8
 58 73.6 60.2 90.2



#46
 Methyl methacrylate
 Concen: 20.00 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 41 Resp: 121611
 Ion Ratio Lower Upper
 41 100
 69 73.0 37.0 110.9
 39 58.5 29.6 88.9

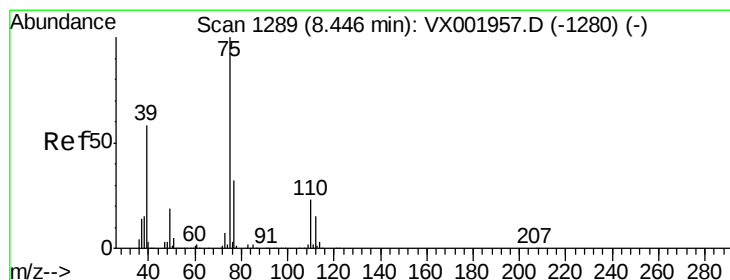
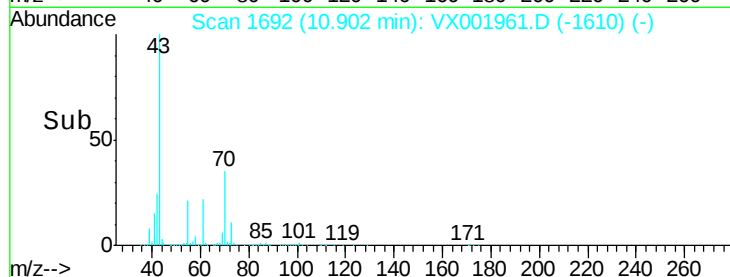
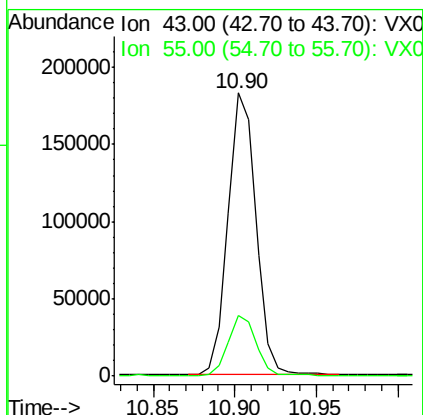
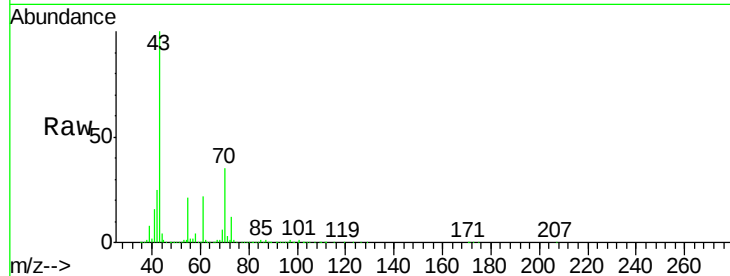




#47
n-amy1 Acetate
Concen: 19.67 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

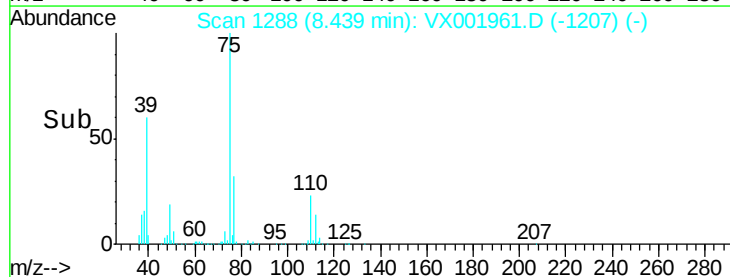
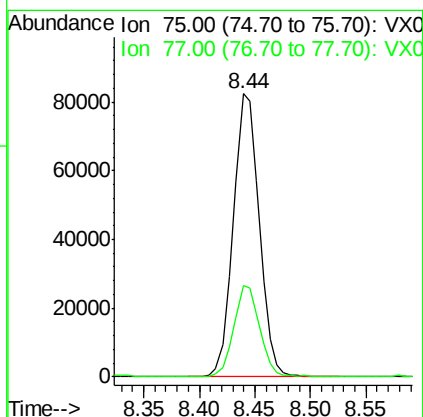
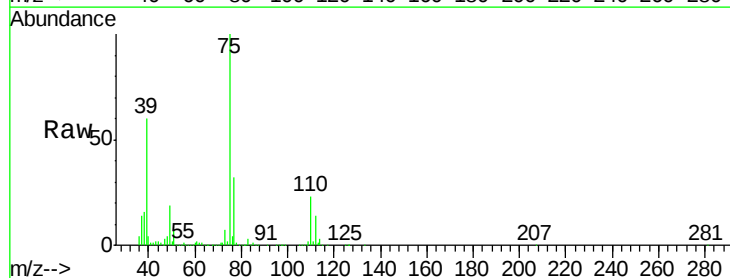
Instrument :
MSVOA_X
ClientSampleId :
BFB

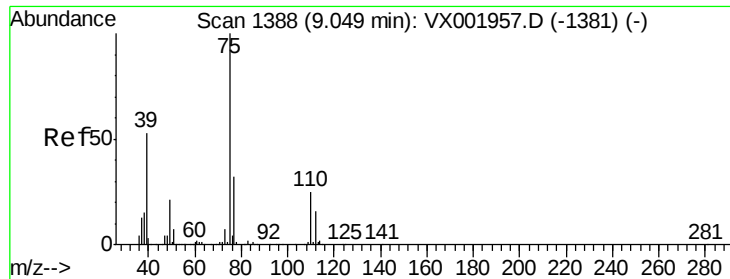
Tgt Ion: 43 Resp: 217256
Ion Ratio Lower Upper
43 100
55 21.2 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.70 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 132688
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4



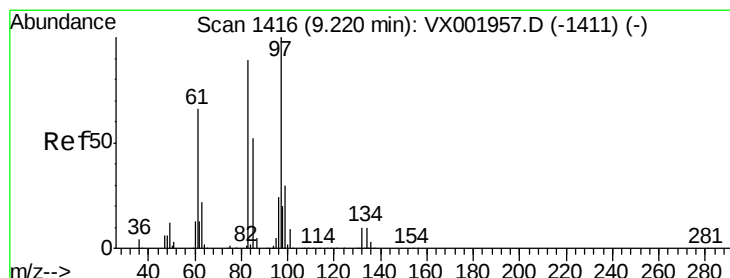
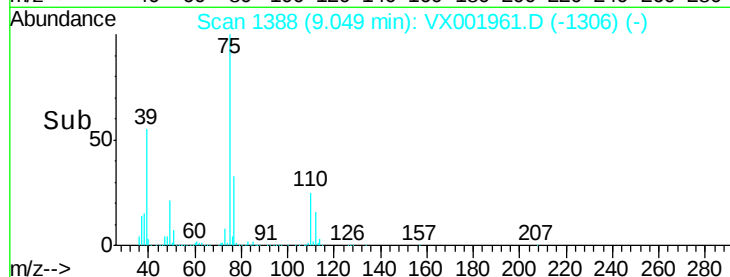
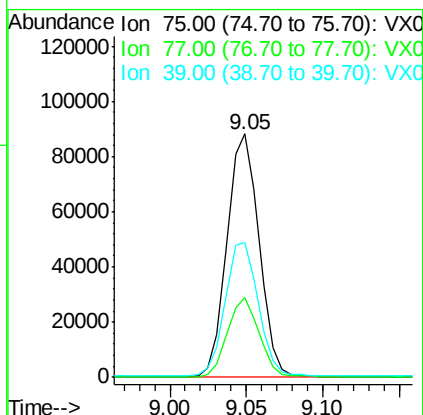
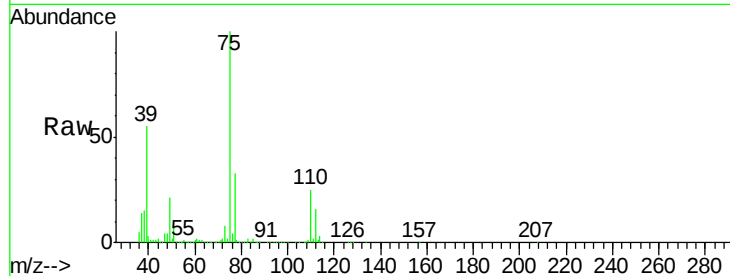


#49

cis-1,3-Dichloropropene
Concen: 19.73 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Instrument :
MSVOA_X
ClientSampleId :
BFB

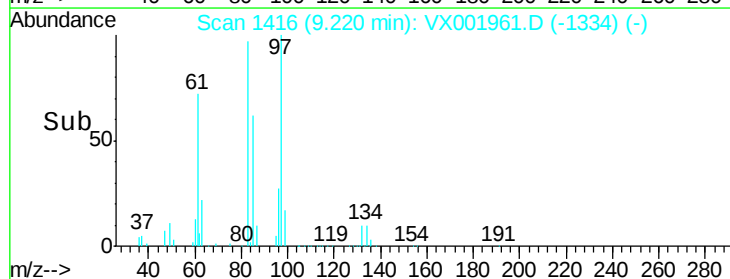
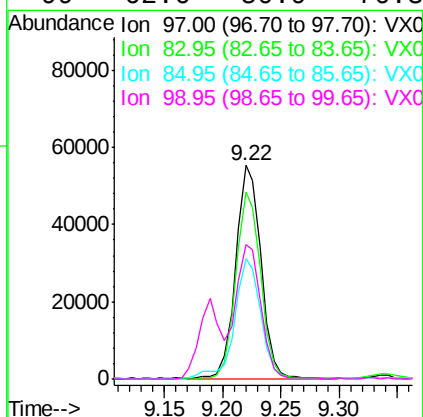
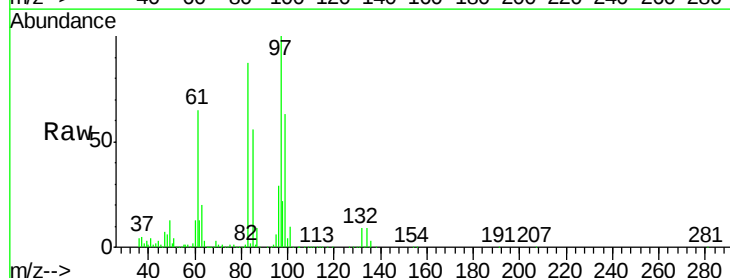
Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.2
39	54.7	42.3	63.5

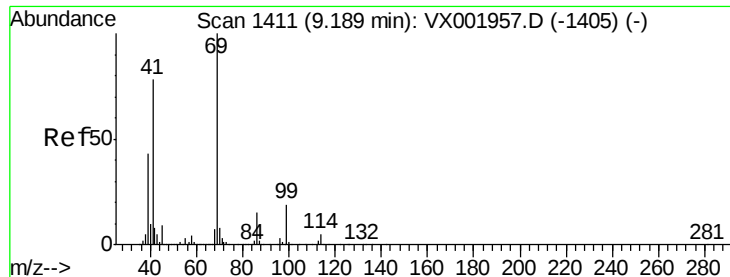


#50

1,1,2-Trichloroethane
Concen: 20.03 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.8	106.2
85	56.1	43.5	65.3
99	62.6	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.93 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

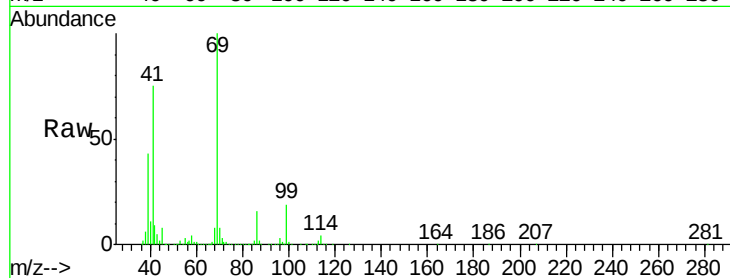
Tgt Ion: 69 Resp: 143174

Ion Ratio Lower Upper

69 100

41 74.2 39.1 117.3

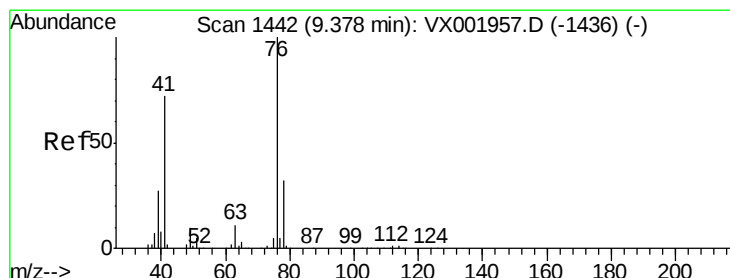
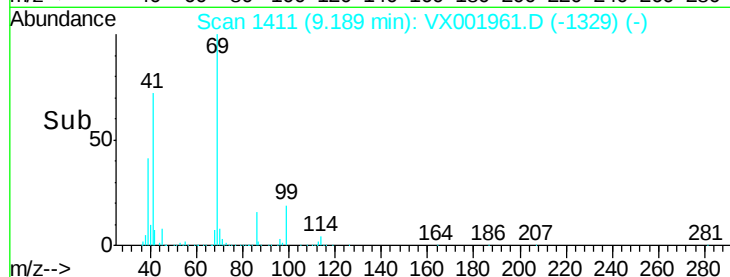
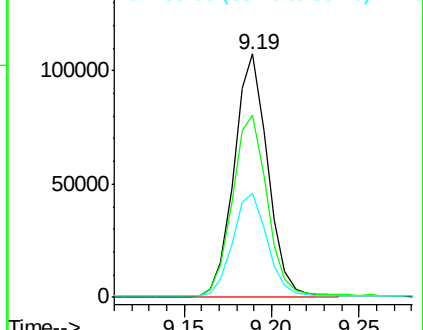
39 42.1 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.14 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001961.D

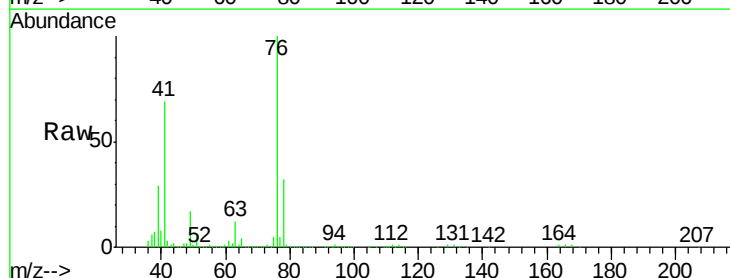
Acq: 25 May 2018 00:46

Tgt Ion: 76 Resp: 140913

Ion Ratio Lower Upper

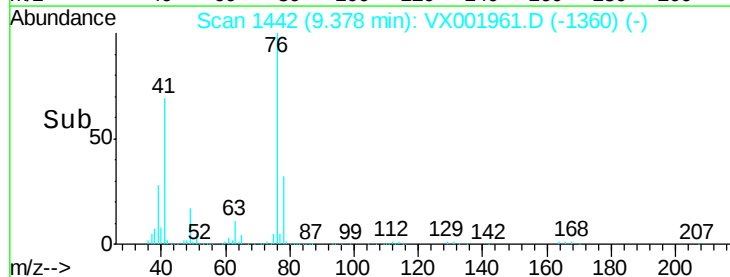
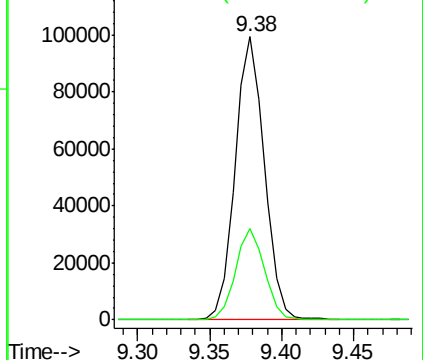
76 100

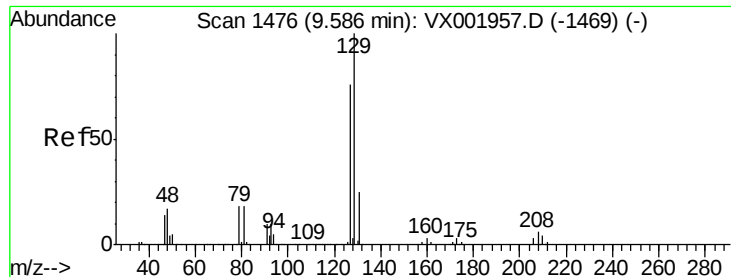
78 31.7 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.43 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

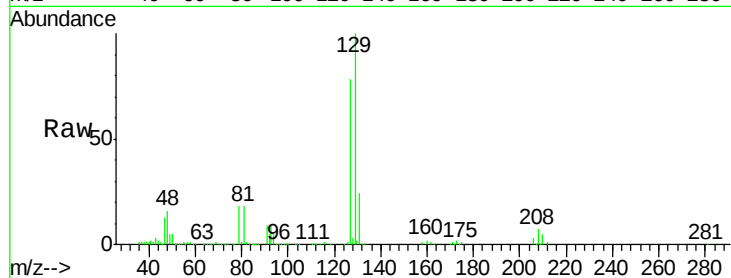
BFB

Tgt Ion:129 Resp: 98438

Ion Ratio Lower Upper

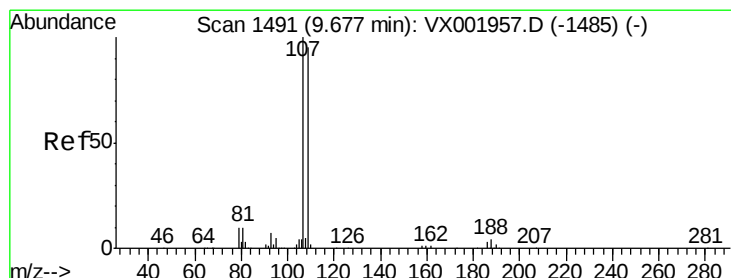
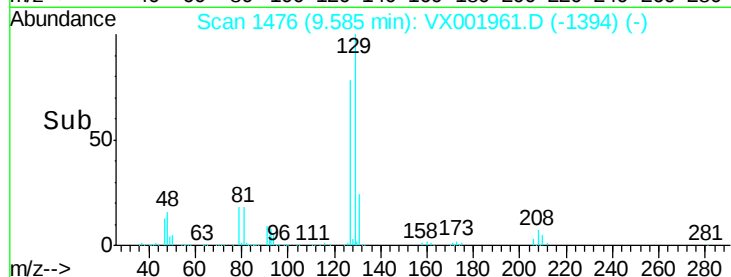
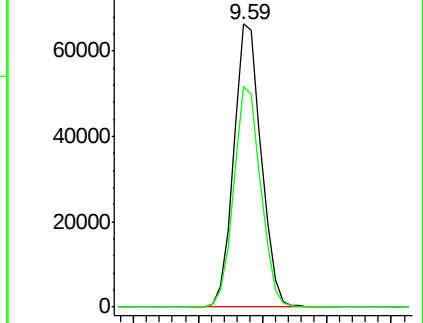
129 100

127 76.8 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.71 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001961.D

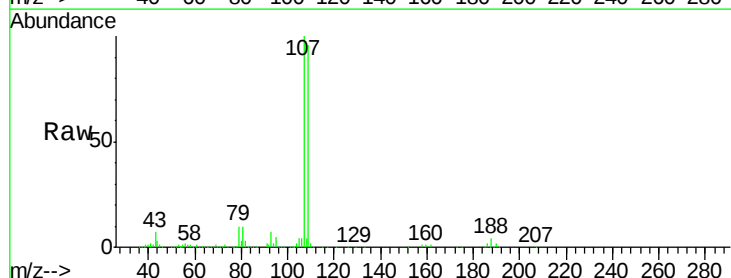
Acq: 25 May 2018 00:46

Tgt Ion:107 Resp: 88484

Ion Ratio Lower Upper

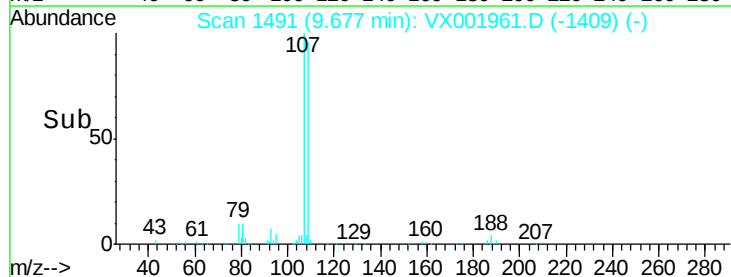
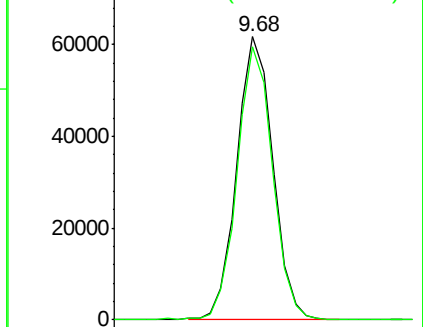
107 100

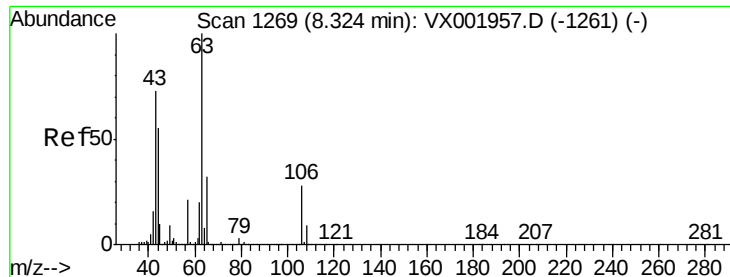
109 94.4 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

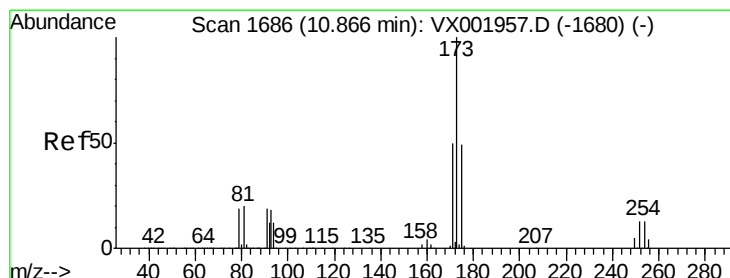
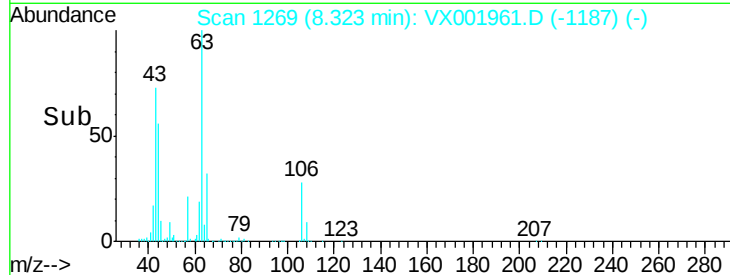
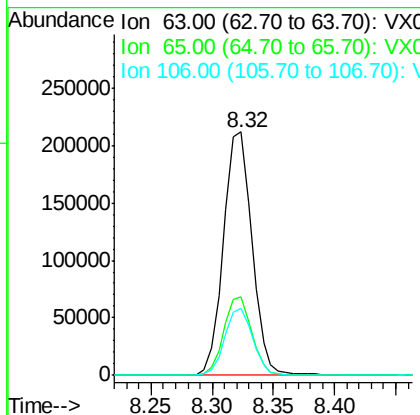
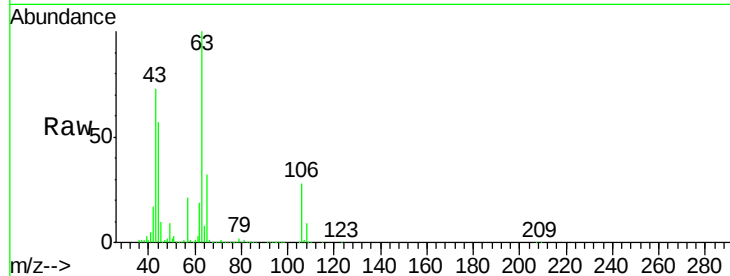




#55
 2-Chloroethyl vinyl ether
 Concen: 101.34 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

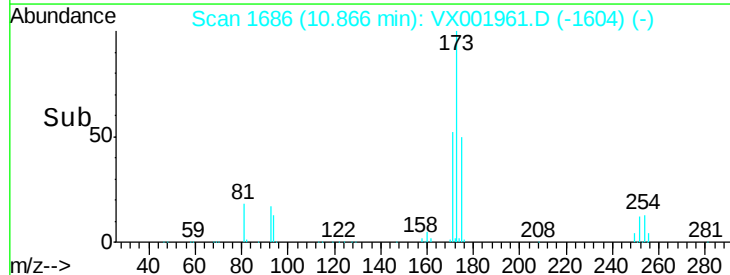
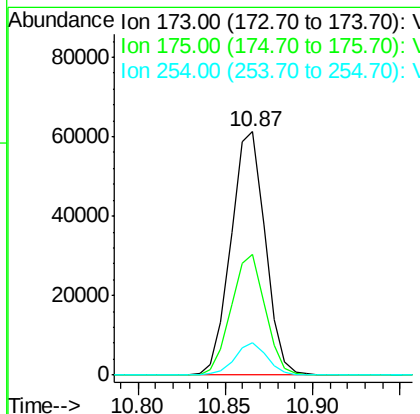
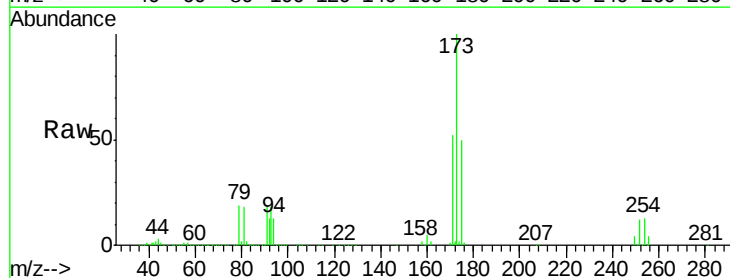
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

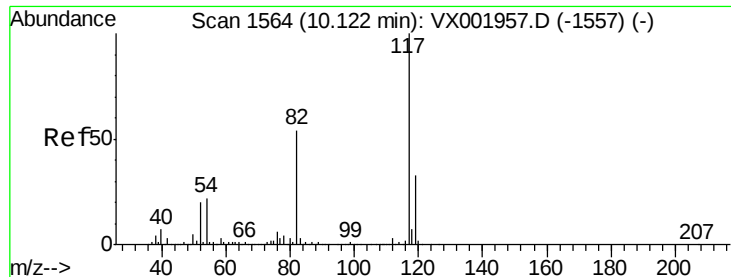
Tgt Ion: 63 Resp: 341749
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.6 38.4
 106 27.2 21.6 32.4



#56
 Bromoform
 Concen: 18.77 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 173 Resp: 83627
 Ion Ratio Lower Upper
 173 100
 175 49.1 39.0 58.4
 254 12.6 9.6 14.4

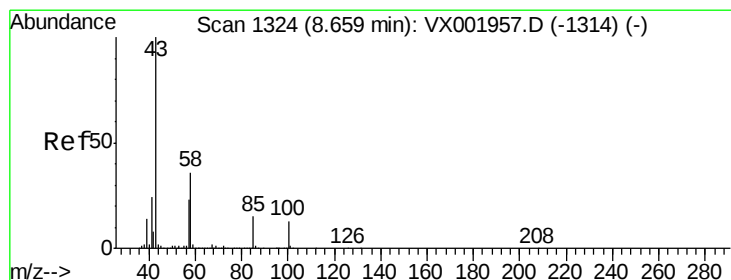
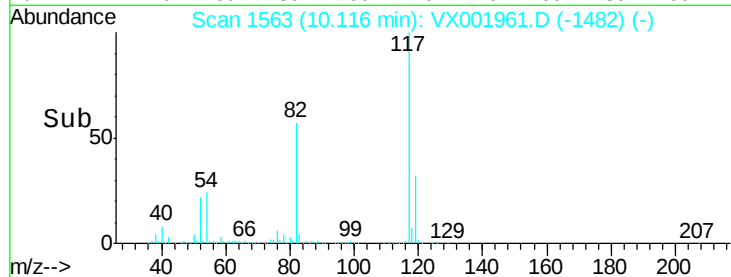
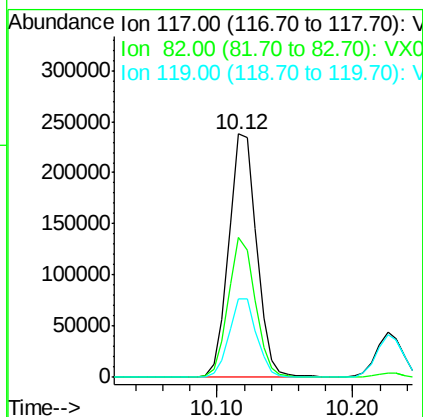
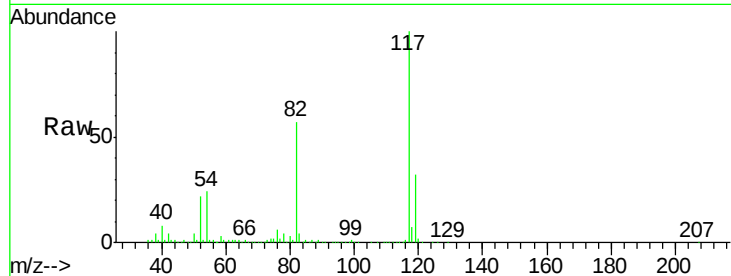




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

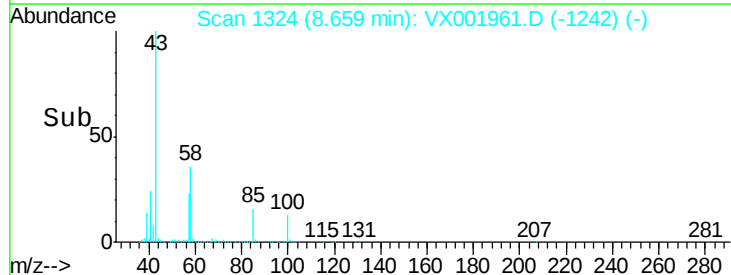
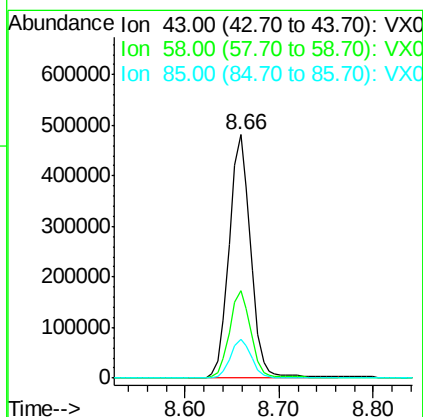
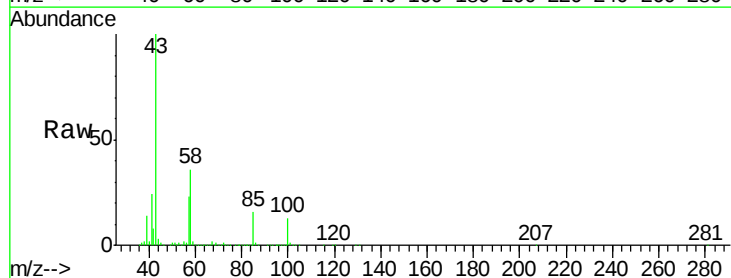
Instrument :
MSVOA_X
ClientSampleId :
BFB

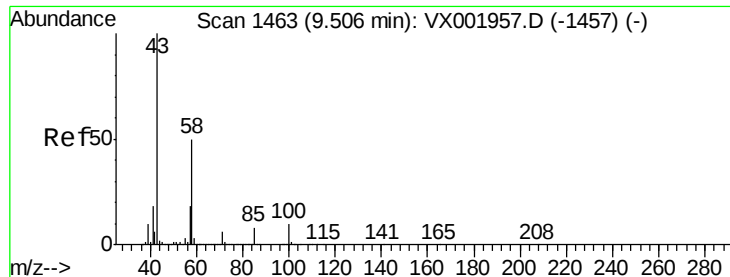
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.2	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 102.34 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.4
85	15.6	12.4	18.6

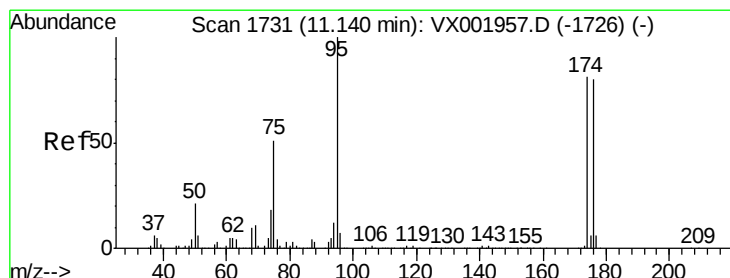
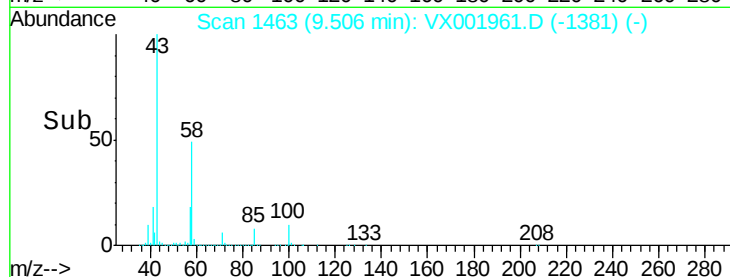
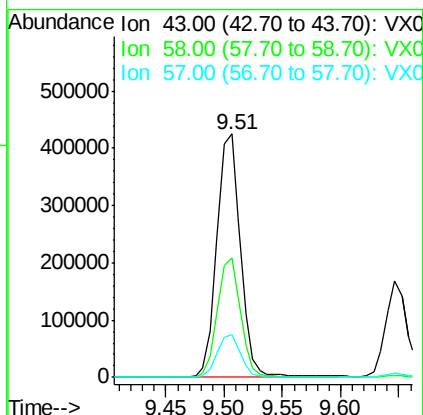
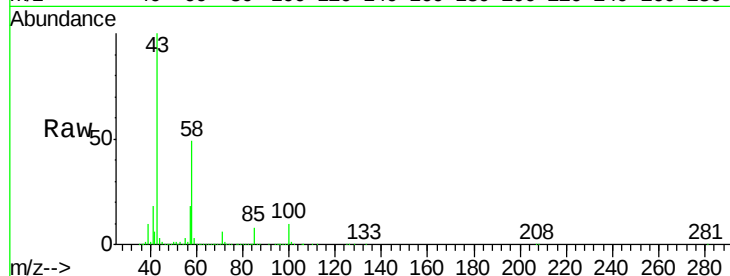




#59
2-Hexanone
Concen: 102.08 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

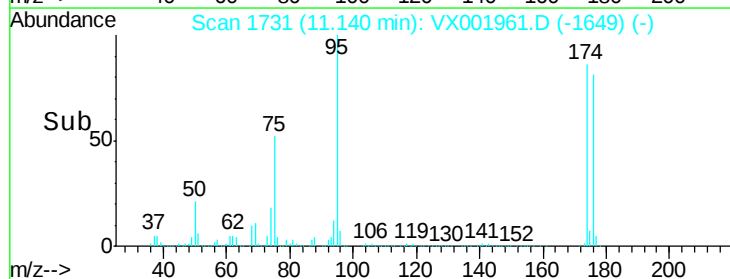
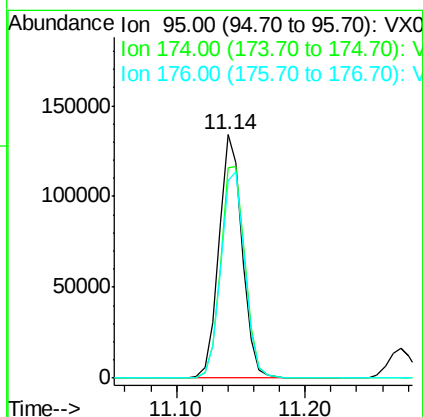
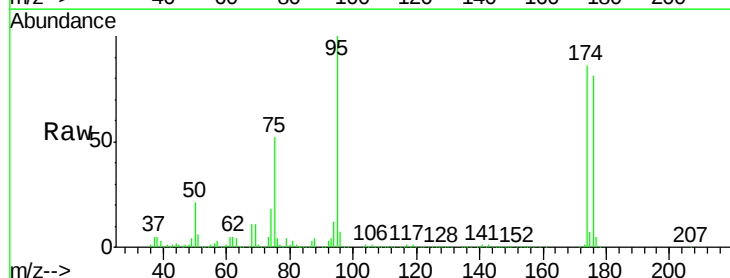
Instrument :
MSVOA_X
ClientSampled :
BFB

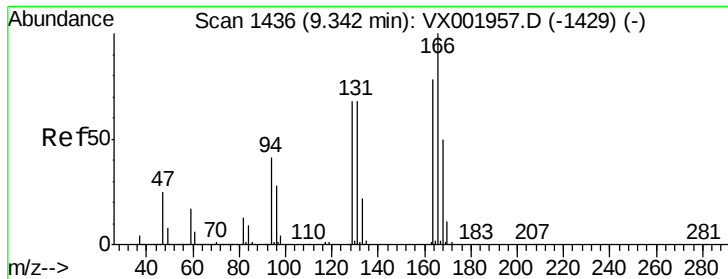
Tgt Ion: 43 Resp: 586974
Ion Ratio Lower Upper
43 100
58 48.7 39.6 59.4
57 17.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 95 Resp: 170581
Ion Ratio Lower Upper
95 100
174 91.2 71.8 107.6
176 87.4 70.1 105.1





#61

Tetrachloroethene

Concen: 19.03 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tgt Ion:164 Resp: 98846

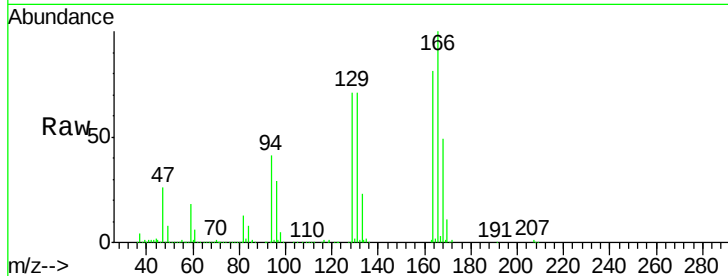
Ion Ratio Lower Upper

164 100

166 122.7 102.4 153.6

129 86.6 70.1 105.1

131 86.7 69.1 103.7

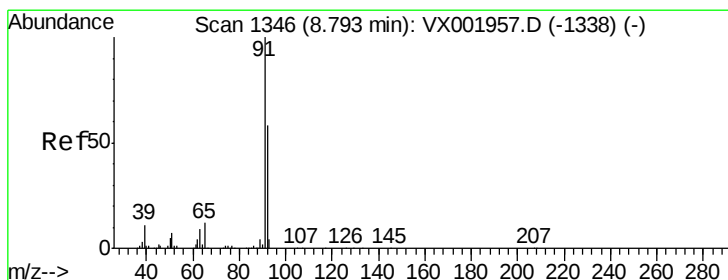
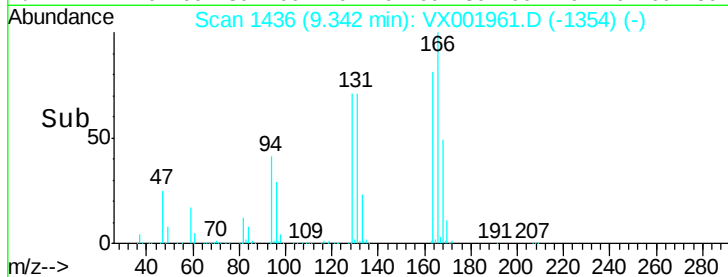
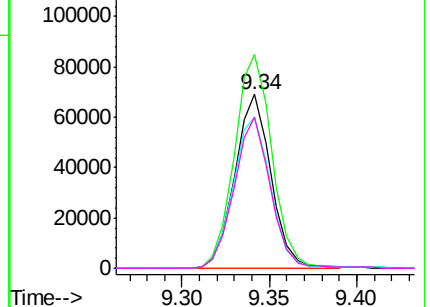


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001961.D

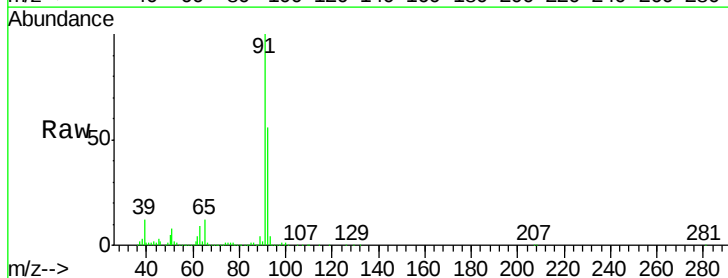
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 349987

Ion Ratio Lower Upper

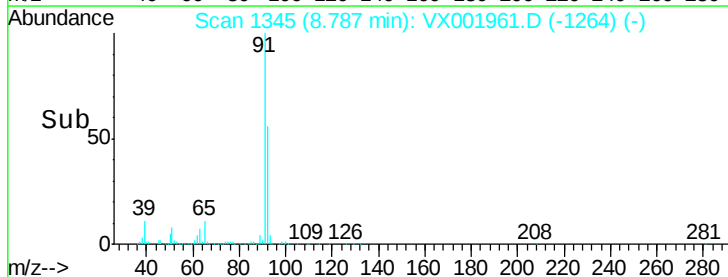
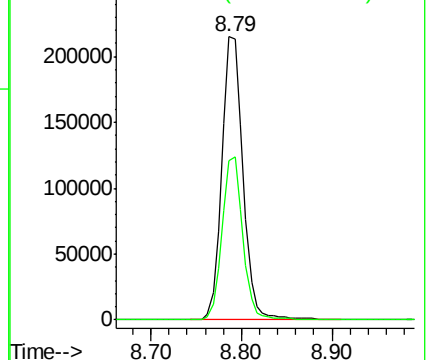
91 100

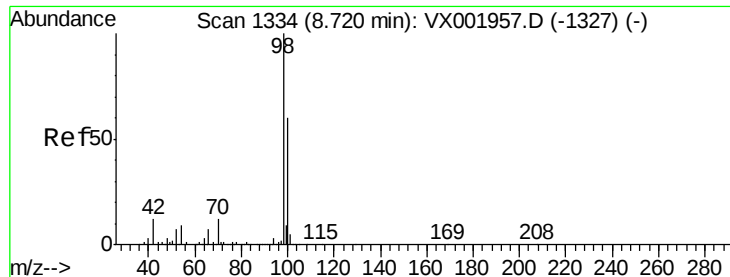
92 56.3 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.70 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

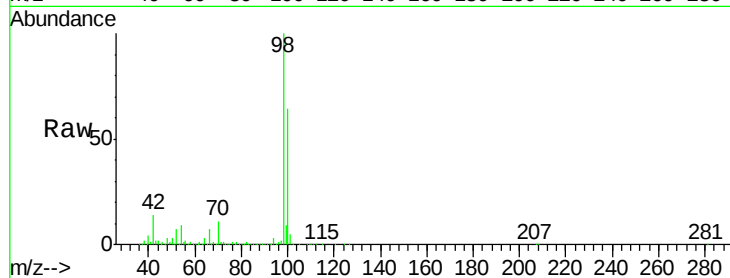
BFB

Tgt Ion: 98 Resp: 450809

Ion Ratio Lower Upper

98 100

100 62.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX001957.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX001957.D (-1327) (-)

8.72

300000

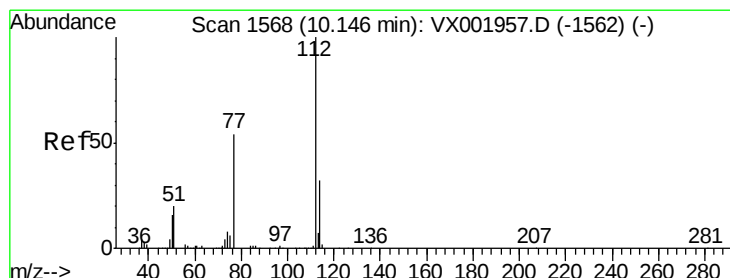
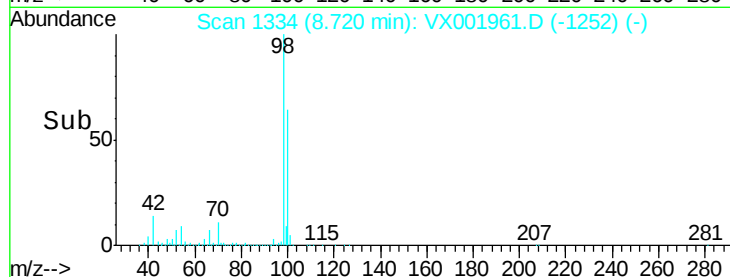
200000

100000

0

8.65 8.70 8.75 8.80

Time-->



#64

Chlorobenzene

Concen: 19.81 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001961.D

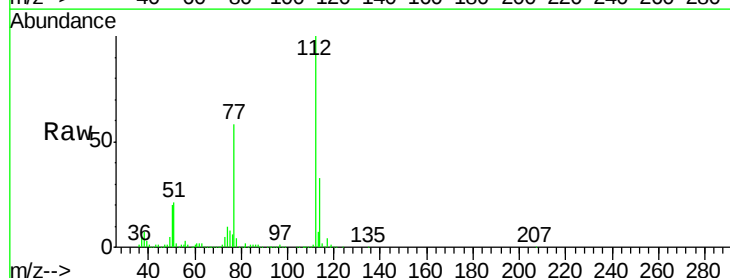
Acq: 25 May 2018 00:46

Tgt Ion: 112 Resp: 222952

Ion Ratio Lower Upper

112 100

114 33.1 25.6 38.4



Abundance Ion 112.00 (111.70 to 112.70): VX001957.D (-1562) (-)

Ion 114.00 (113.70 to 114.70): VX001957.D (-1562) (-)

10.15

150000

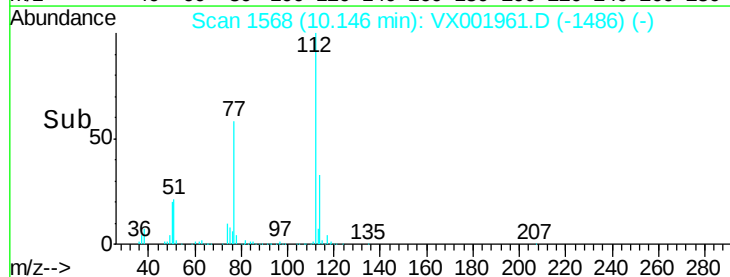
100000

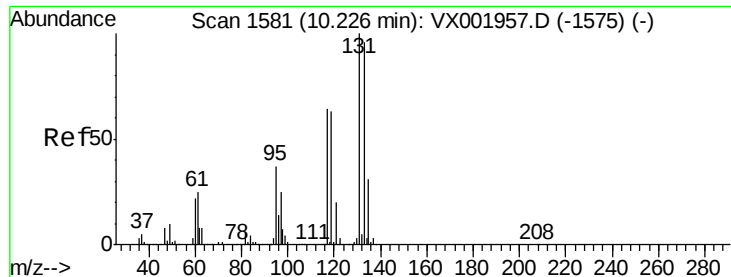
50000

0

10.10 10.15 10.20

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 19.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

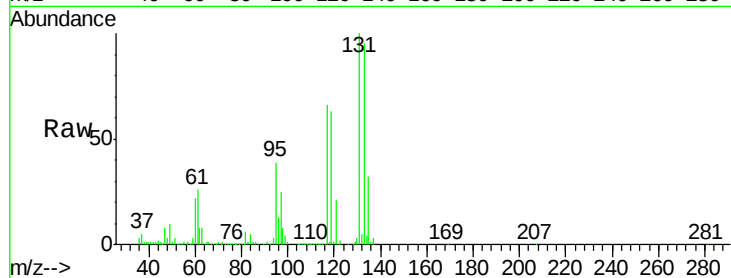
Tgt Ion: 131 Resp: 91495

Ion Ratio Lower Upper

131 100

133 94.0 0.0 191.2

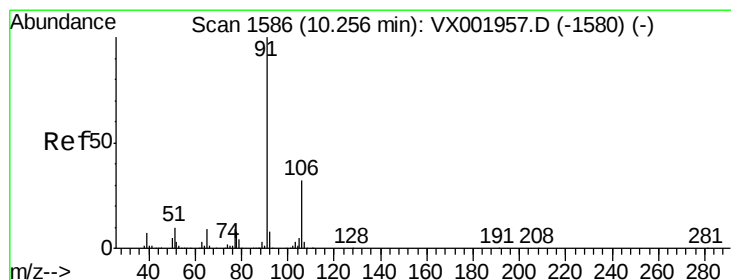
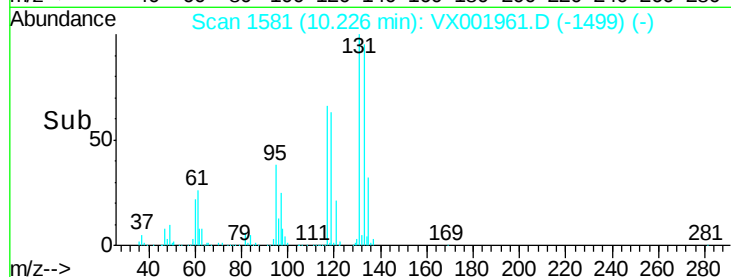
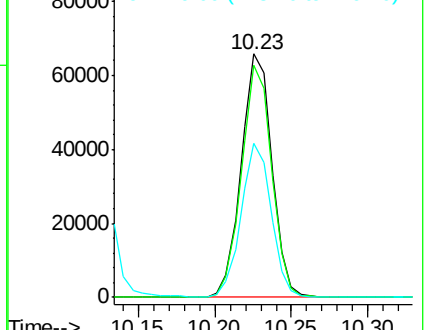
119 61.4 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.82 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001961.D

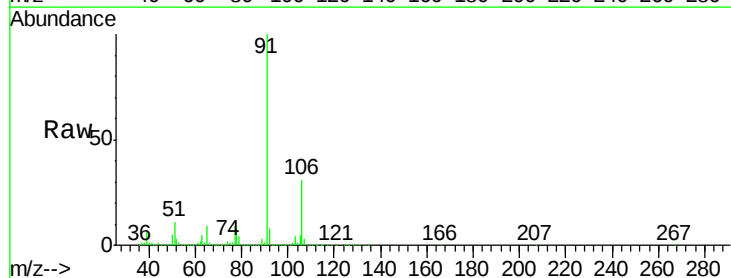
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 387416

Ion Ratio Lower Upper

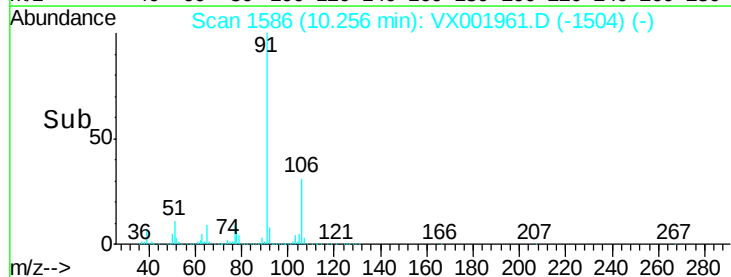
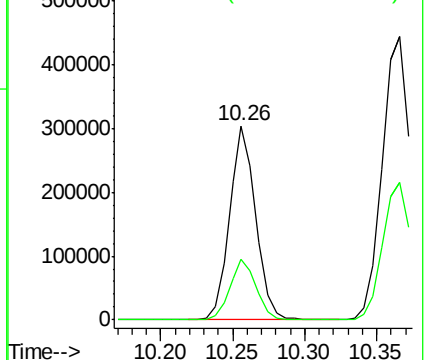
91 100

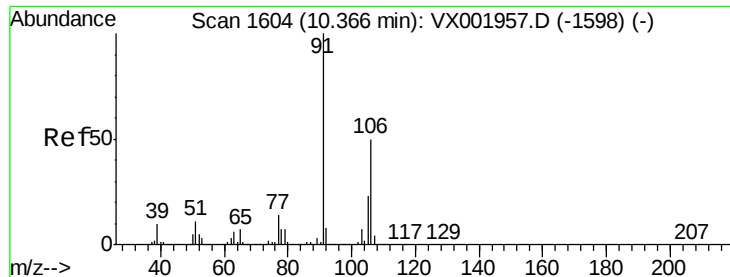
106 30.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 39.64 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

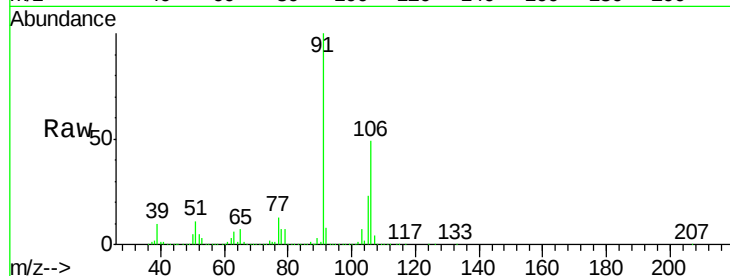
BFB

Tgt Ion:106 Resp: 294106

Ion Ratio Lower Upper

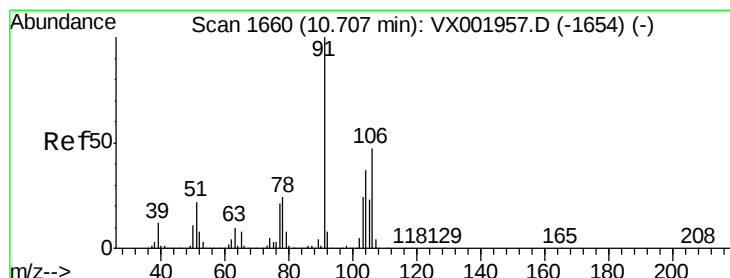
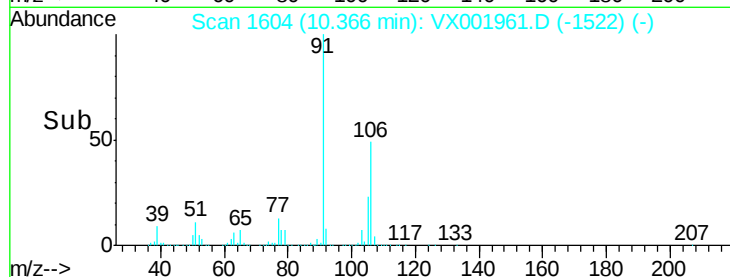
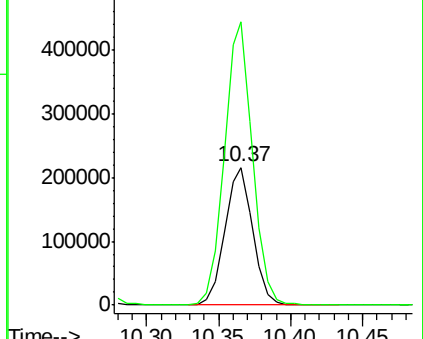
106 100

91 205.3 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.94 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX001961.D

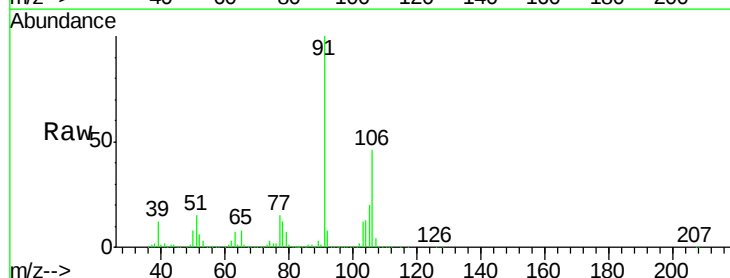
Acq: 25 May 2018 00:46

Tgt Ion:106 Resp: 148178

Ion Ratio Lower Upper

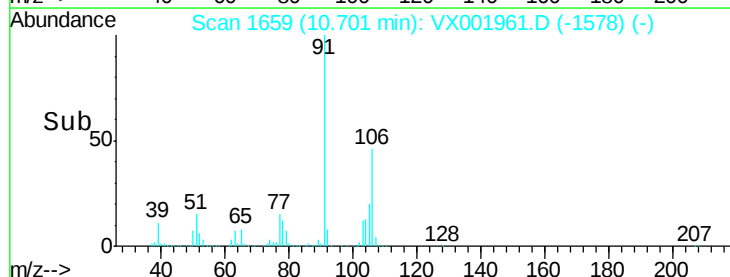
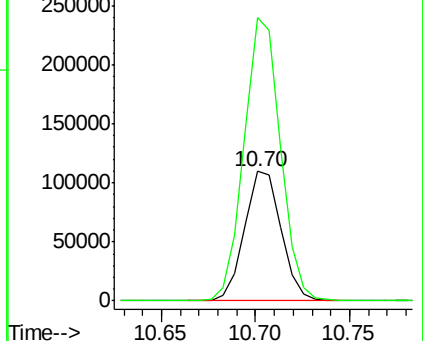
106 100

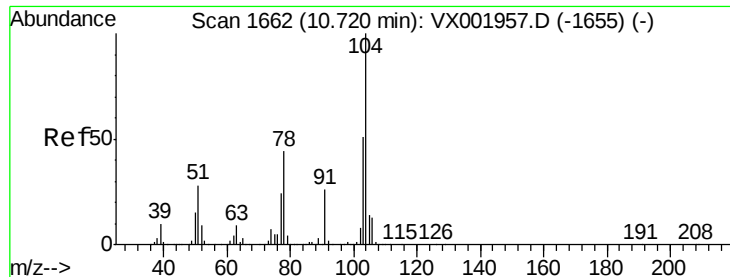
91 217.0 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

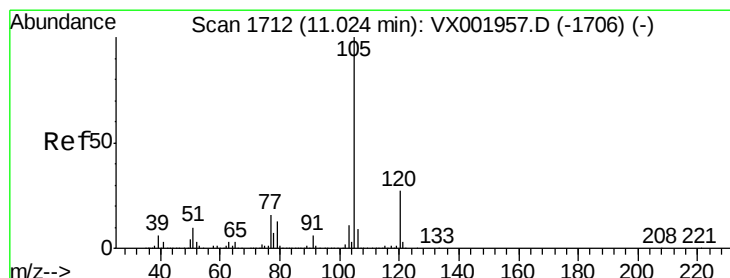
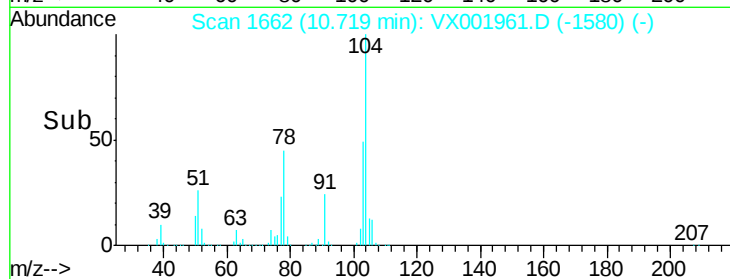
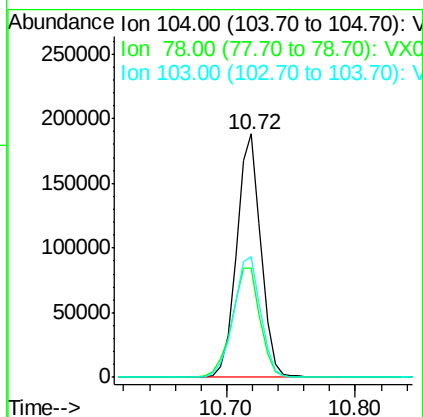
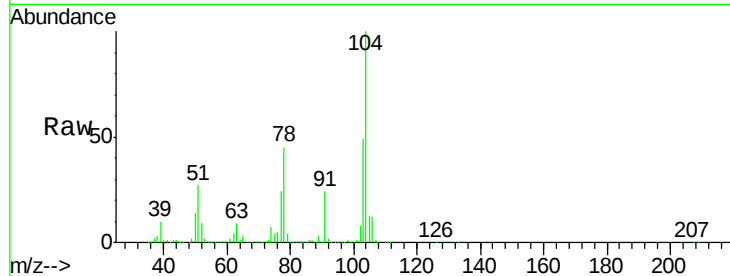




#69
Styrene
Concen: 19.63 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

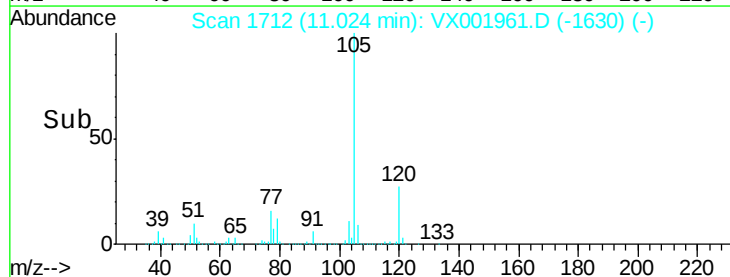
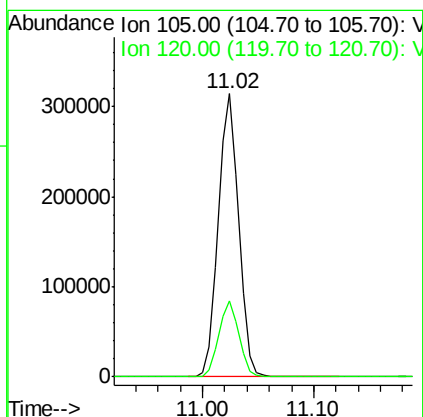
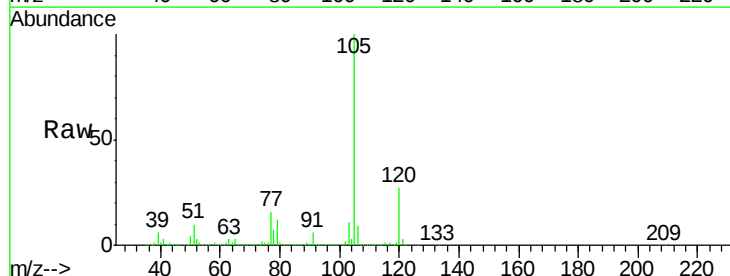
Instrument :
MSVOA_X
ClientSampled :
BFB

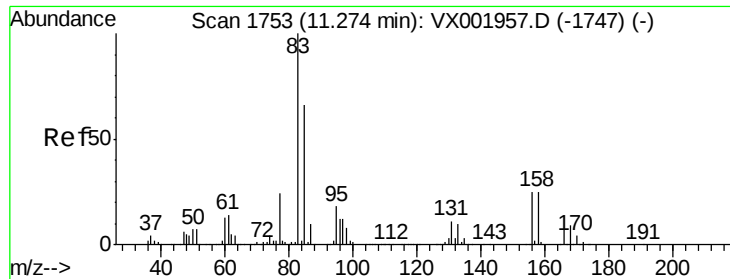
Tgt Ion:104 Resp: 244865
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 55.5 44.9 67.3



#70
Isopropylbenzene
Concen: 19.93 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion:105 Resp: 396471
Ion Ratio Lower Upper
105 100
120 26.5 19.0 35.2

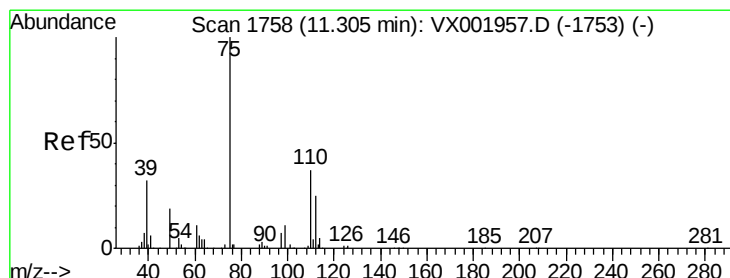
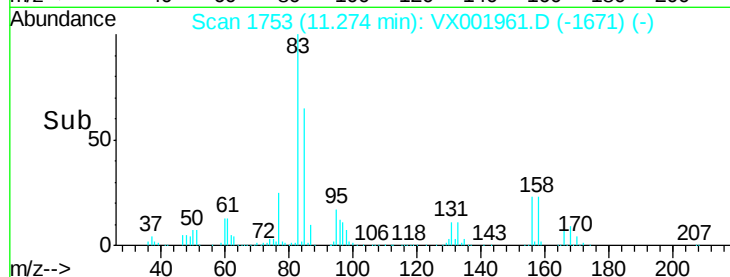
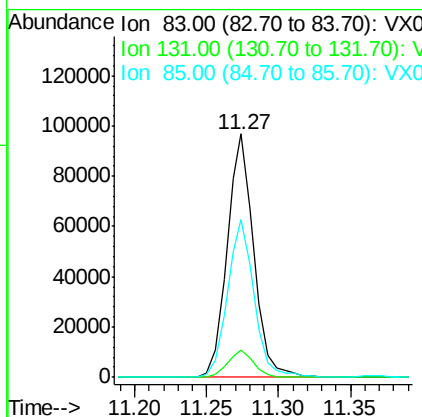
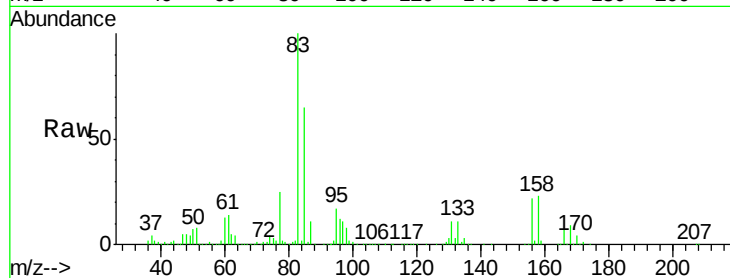




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.02 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

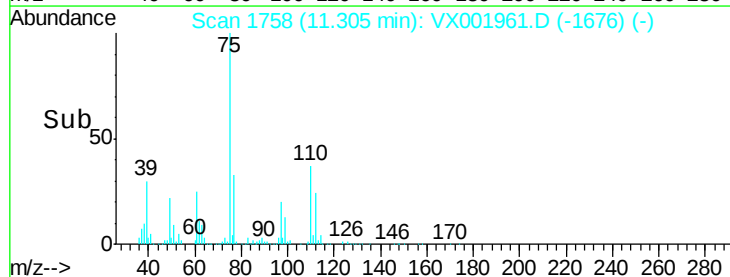
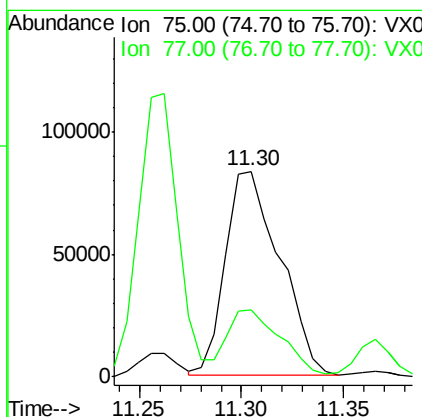
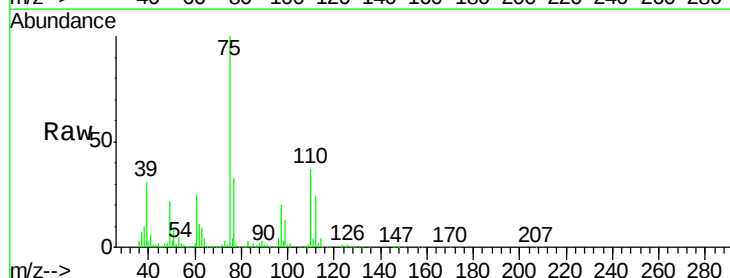
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

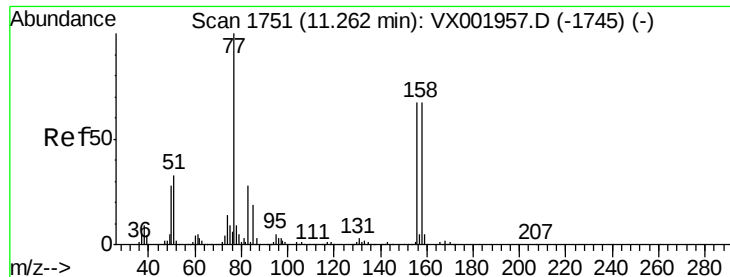
Tgt Ion: 83 Resp: 124847
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.4 16.2
 85 64.8 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 26.27 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 154276
 Ion Ratio Lower Upper
 75 100
 77 29.7 0.0 71.8





#73

Bromobenzene

Concen: 19.68 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampled :

BFB

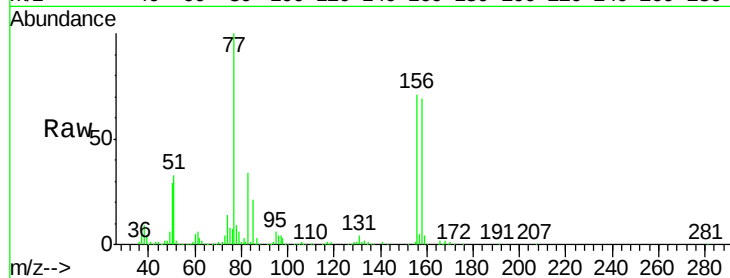
Tgt Ion:156 Resp: 105137

Ion Ratio Lower Upper

156 100

77 148.9 0.0 301.0

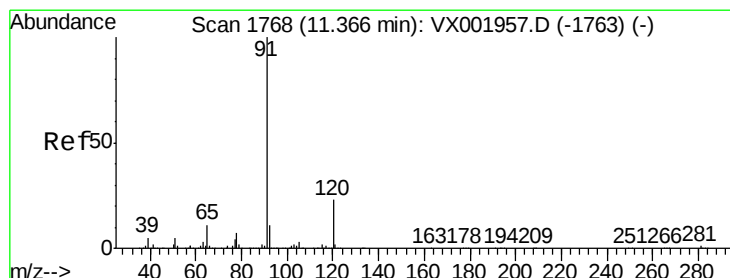
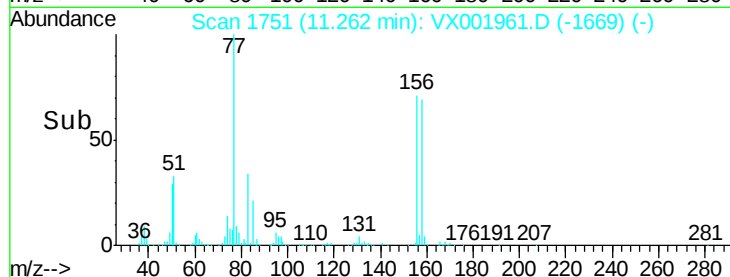
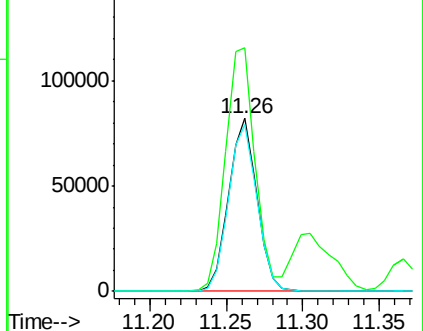
158 97.7 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001961.D

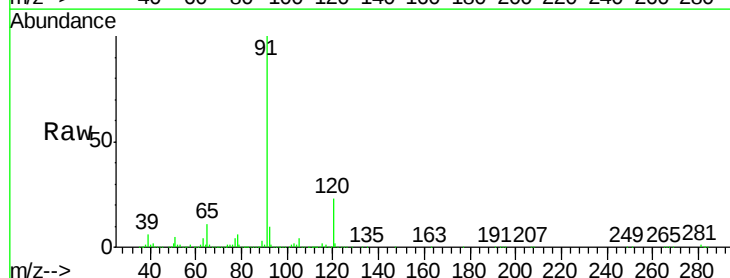
Acq: 25 May 2018 00:46

Tgt Ion: 91 Resp: 440751

Ion Ratio Lower Upper

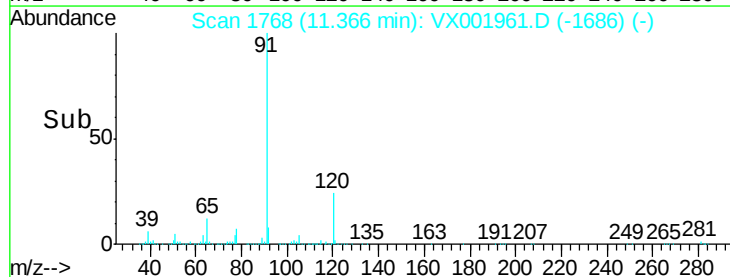
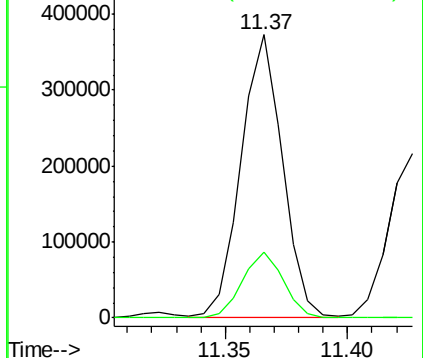
91 100

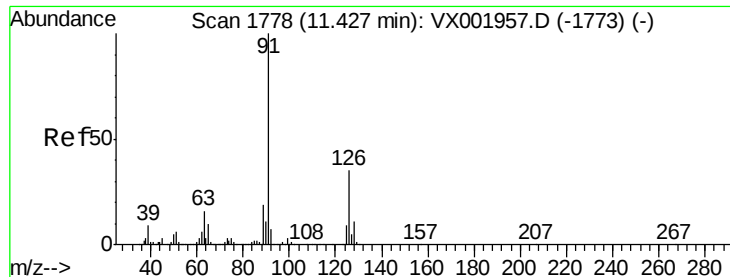
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.81 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

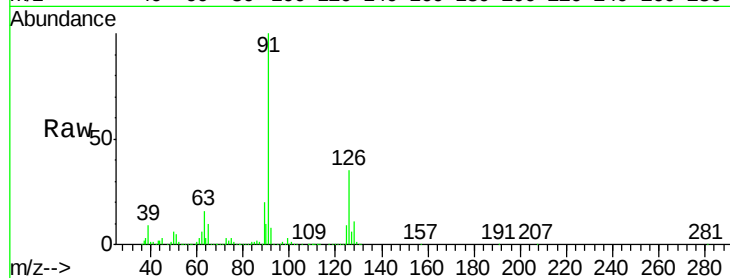
BFB

Tgt Ion: 91 Resp: 271299

Ion Ratio Lower Upper

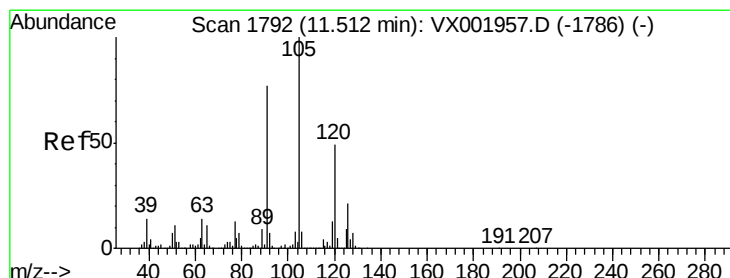
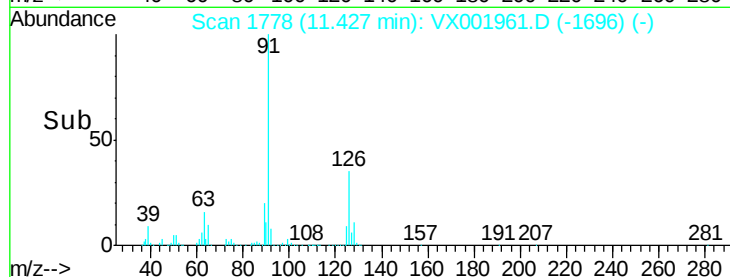
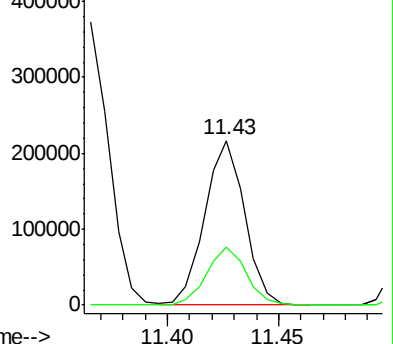
91 100

126 34.7 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001961.D

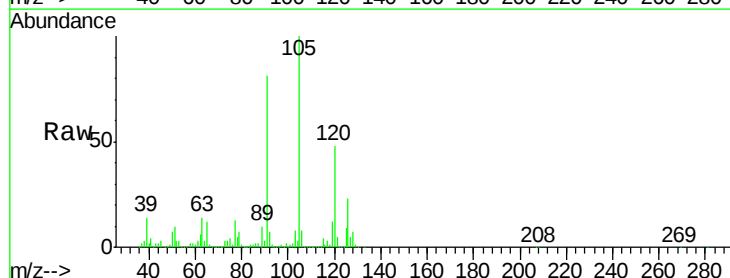
Acq: 25 May 2018 00:46

Tgt Ion: 105 Resp: 331113

Ion Ratio Lower Upper

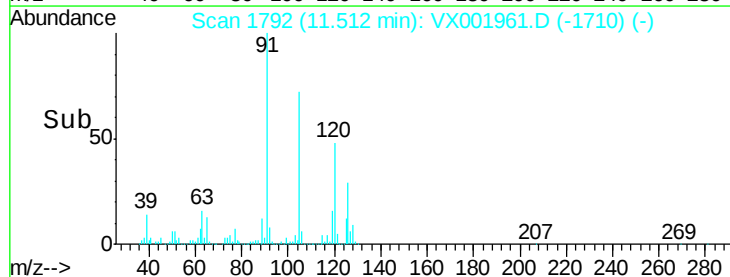
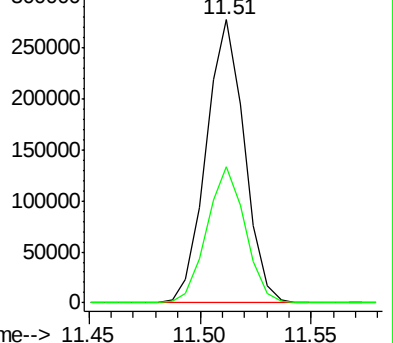
105 100

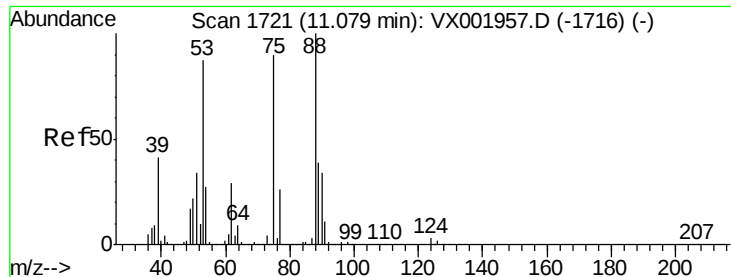
120 48.3 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.96 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

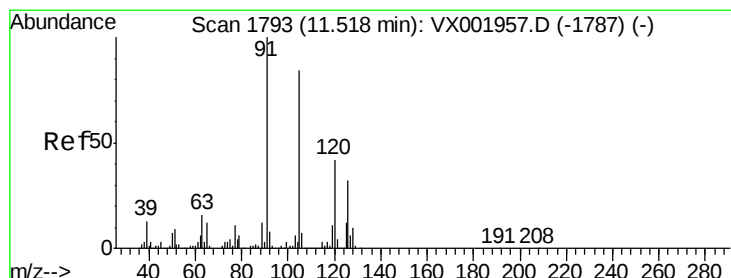
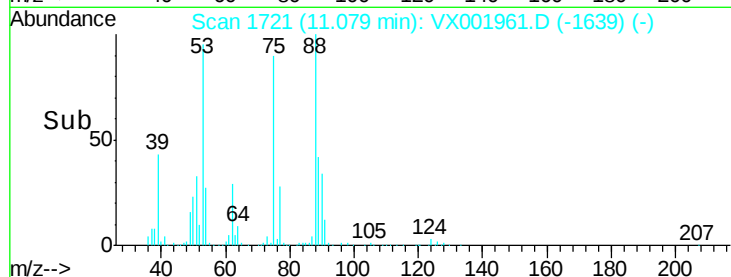
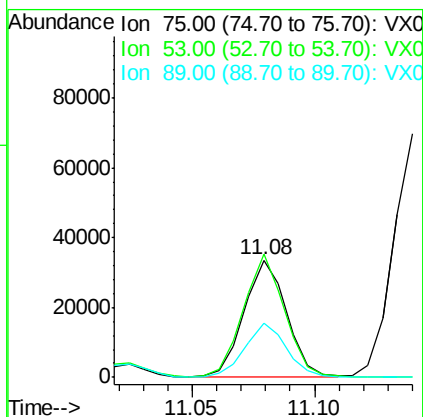
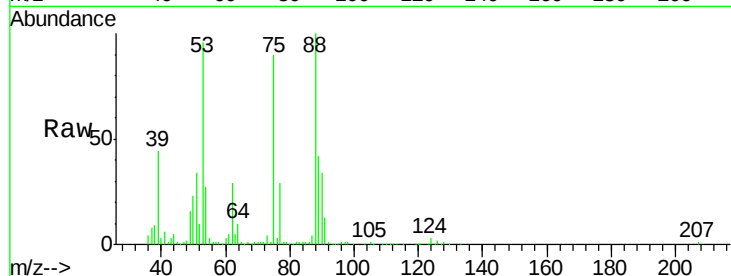
Tgt Ion: 75 Resp: 40343

Ion Ratio Lower Upper

75 100

53 105.1 48.3 144.9

89 46.4 21.8 65.4



#78

4-Chlorotoluene

Concen: 19.59 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001961.D

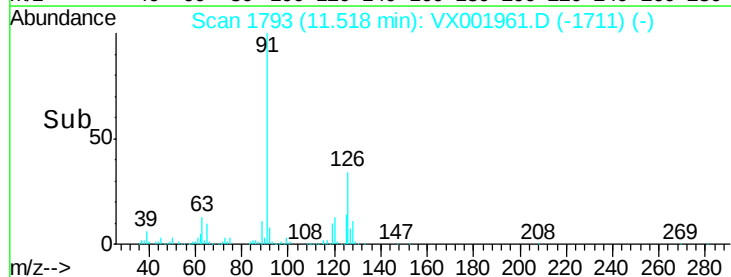
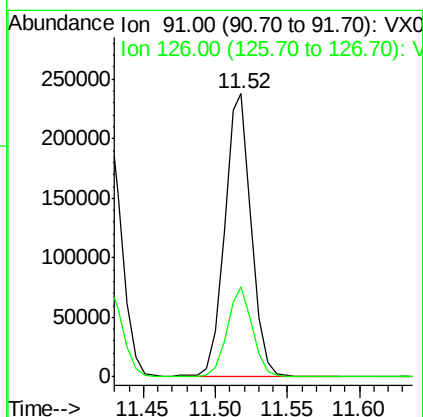
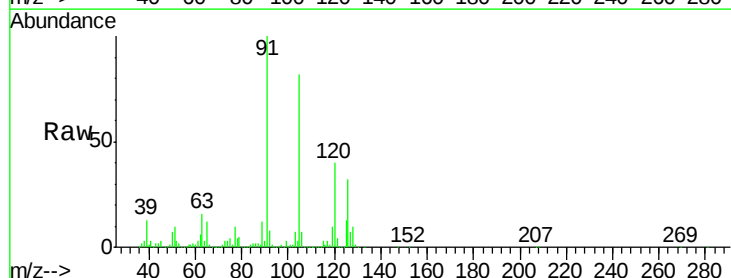
Acq: 25 May 2018 00:46

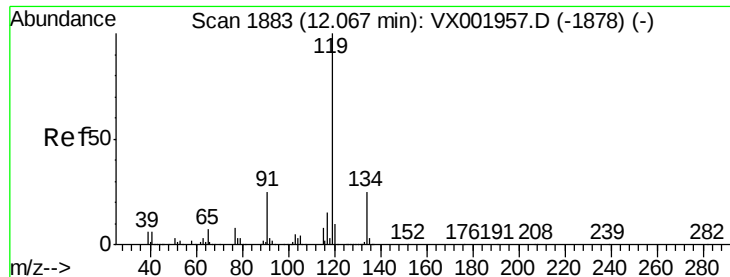
Tgt Ion: 91 Resp: 305175

Ion Ratio Lower Upper

91 100

126 30.3 0.0 61.0

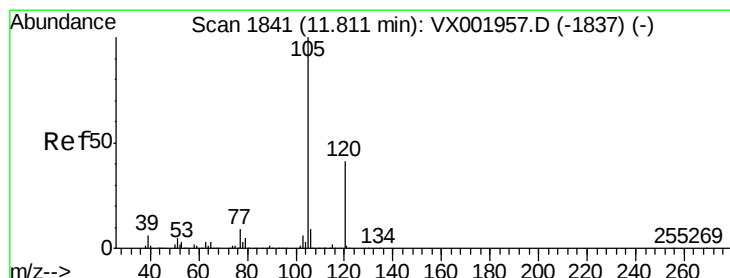
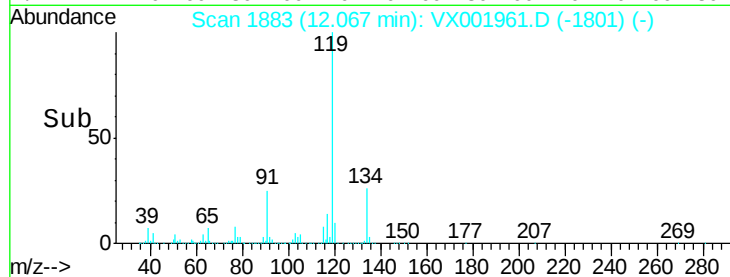
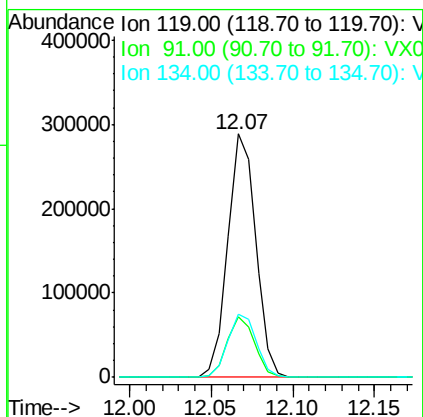
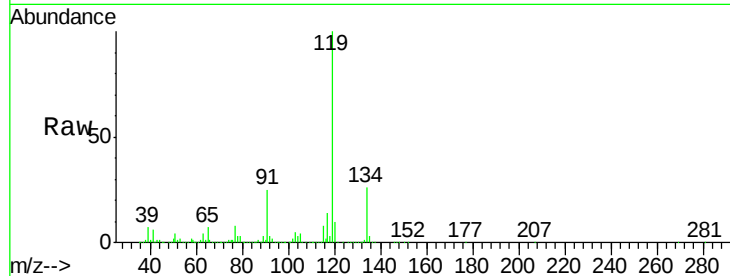




#79
tert-butylbenzene
Concen: 19.41 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

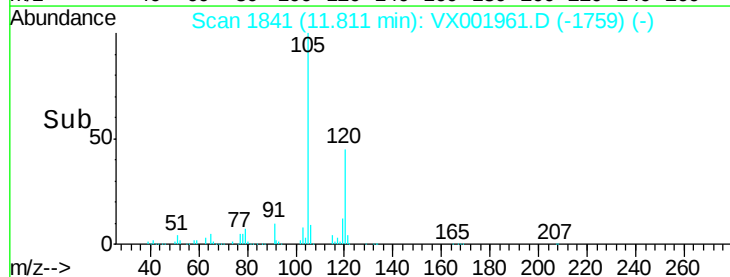
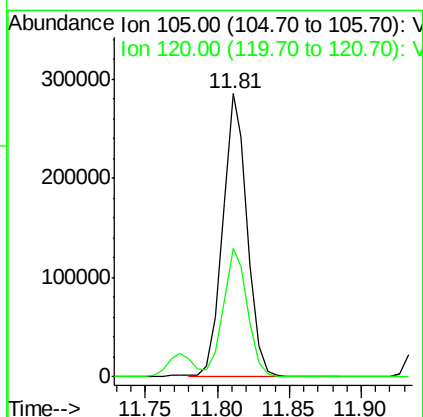
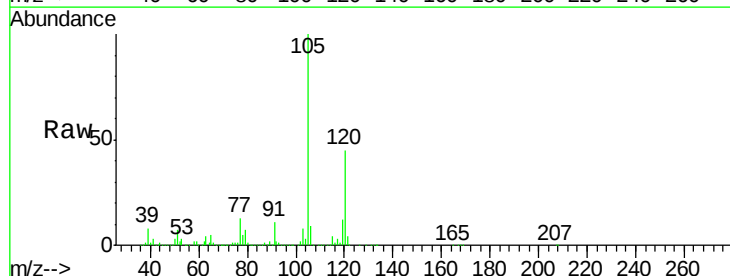
Instrument :
MSVOA_X
ClientSampleId :
BFB

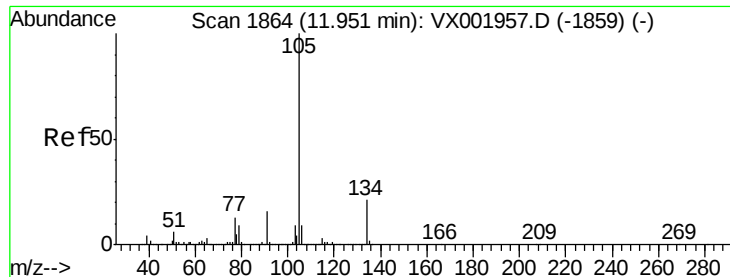
Tgt Ion	Ratio	Lower	Upper
119	100		
91	24.3	0.0	48.0
134	26.3	0.0	52.6



#80
1,2,4-Trimethylbenzene
Concen: 19.84 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	89.2

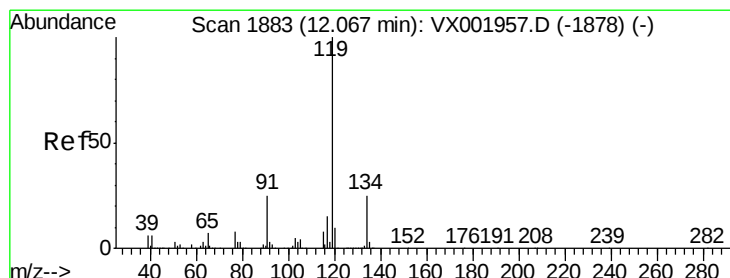
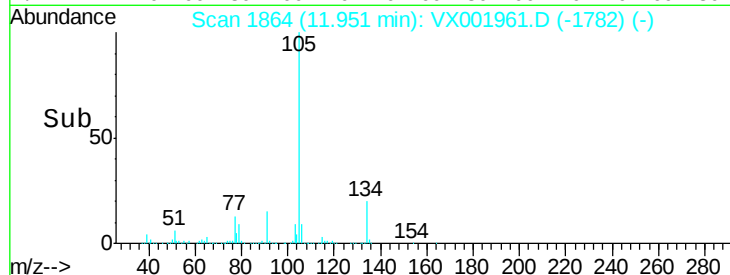
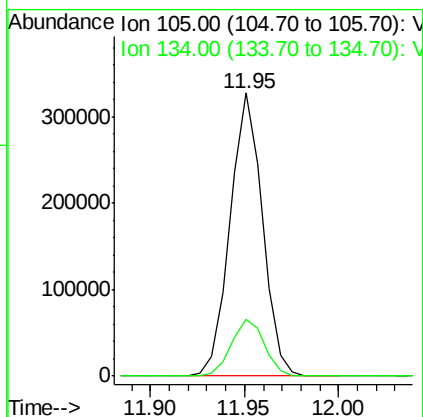
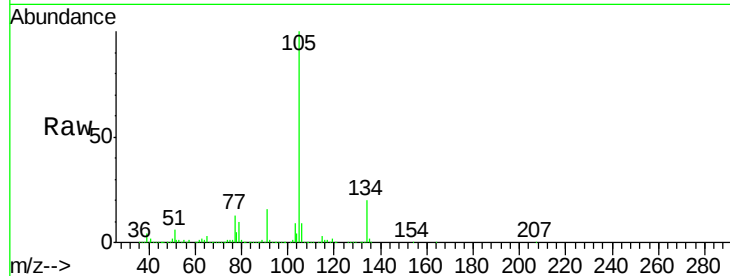




#81
 sec-Butylbenzene
 Concen: 19.60 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

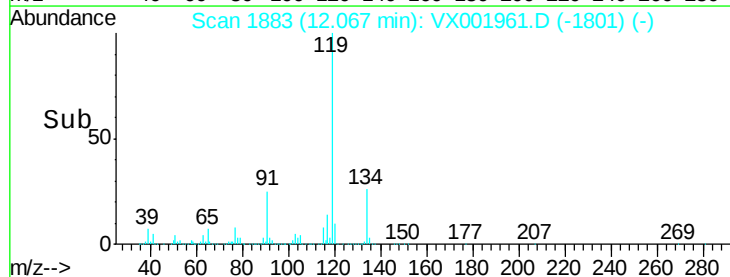
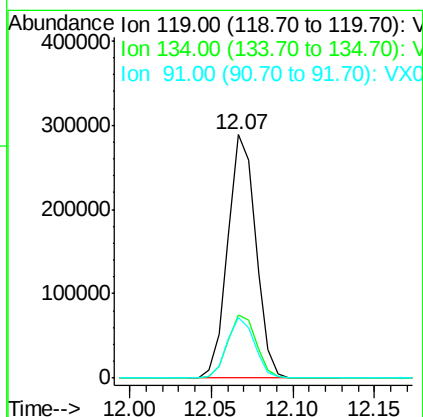
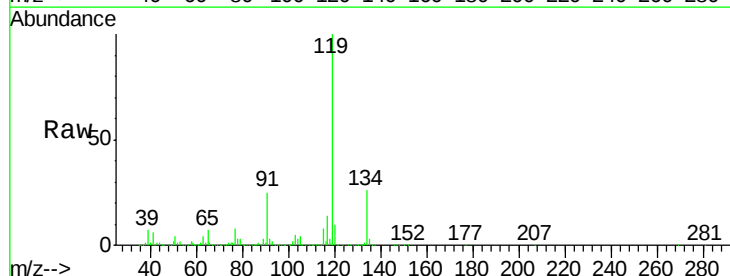
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

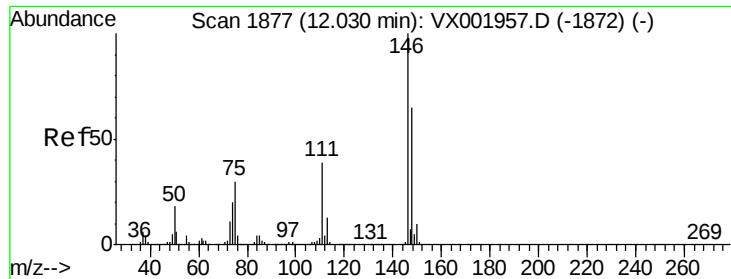
Tgt Ion:105 Resp: 388548
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.41 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion:119 Resp: 344207
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.3 0.0 48.0

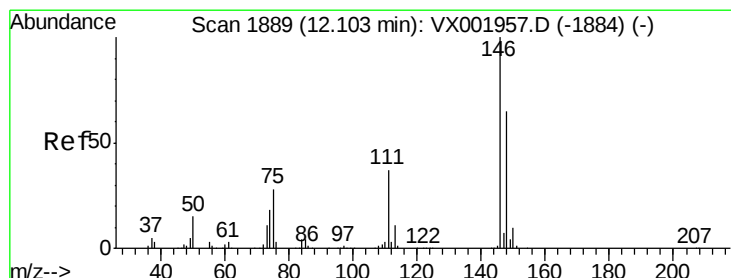
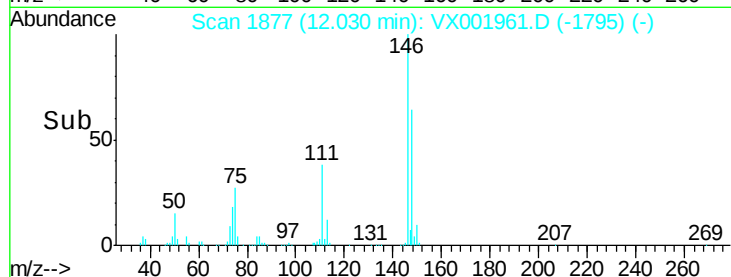
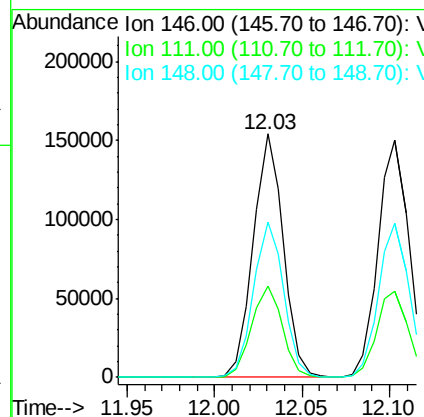
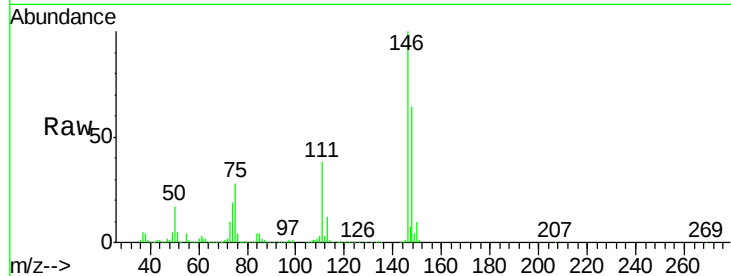




#83
 1,3-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

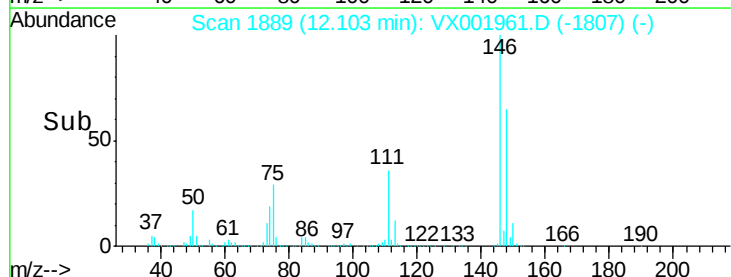
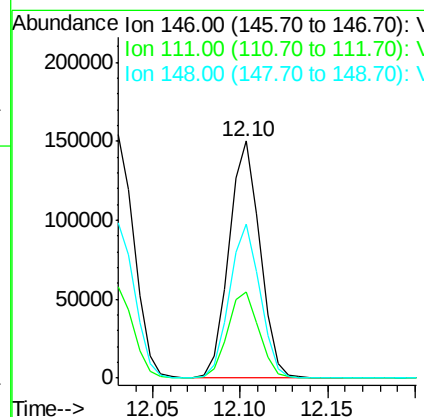
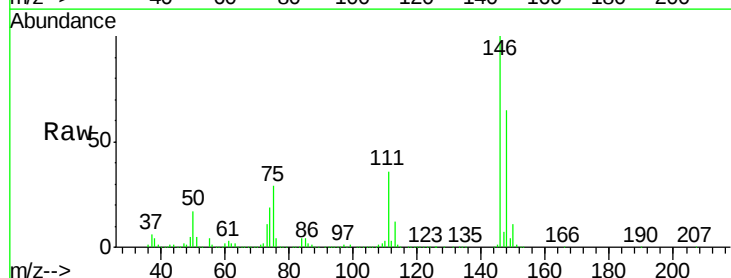
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

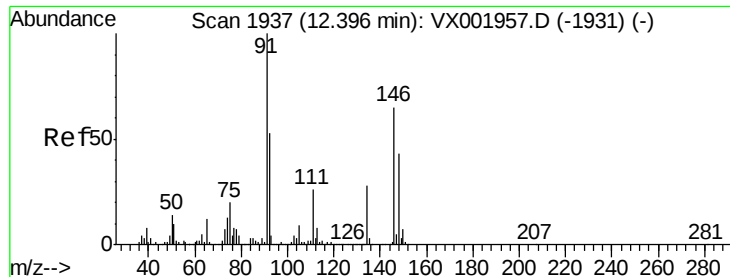
Tgt Ion:146 Resp: 185613
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.62 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion:146 Resp: 184880
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.5 55.5
 148 64.1 32.0 96.0

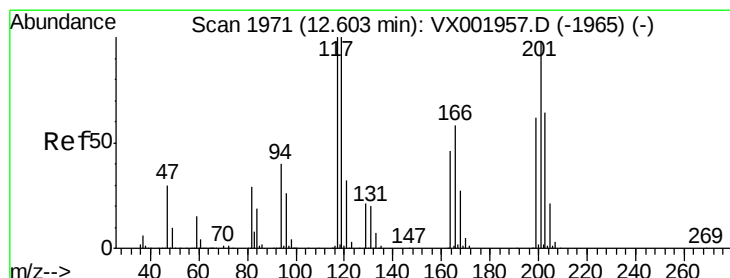
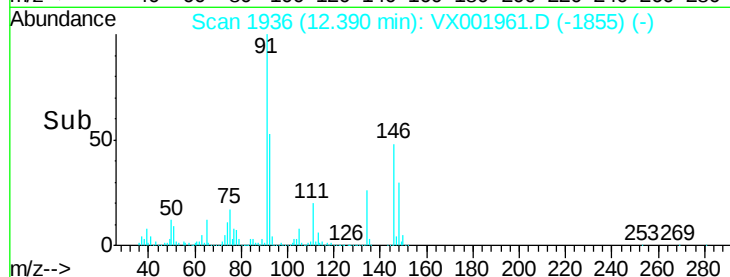
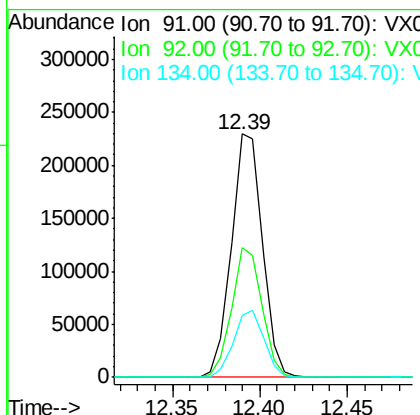
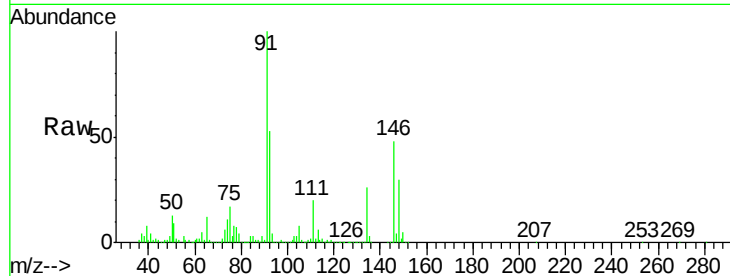




#85
n-Butylbenzene
Concen: 19.02 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

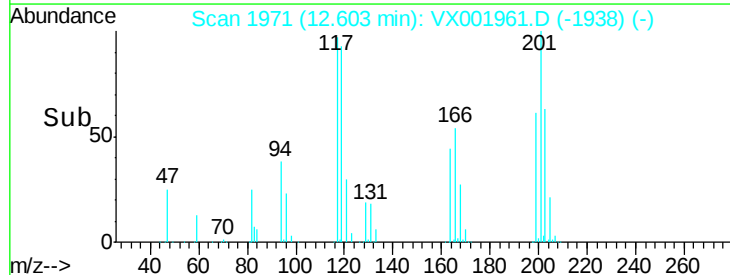
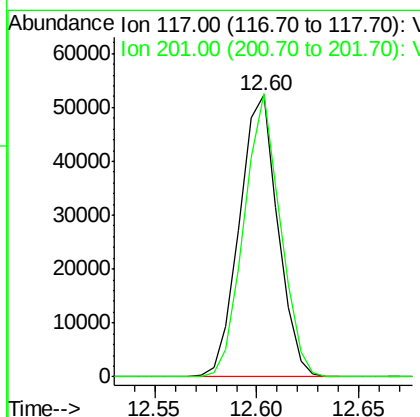
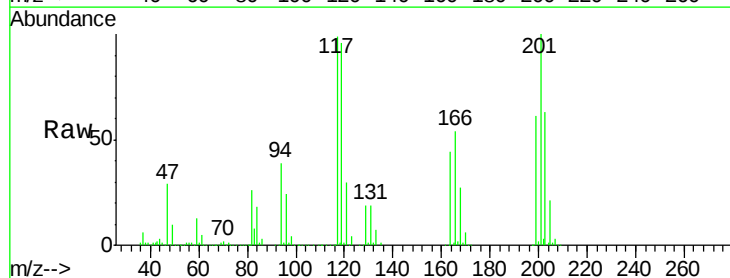
Instrument :
MSVOA_X
ClientSampled :
BFB

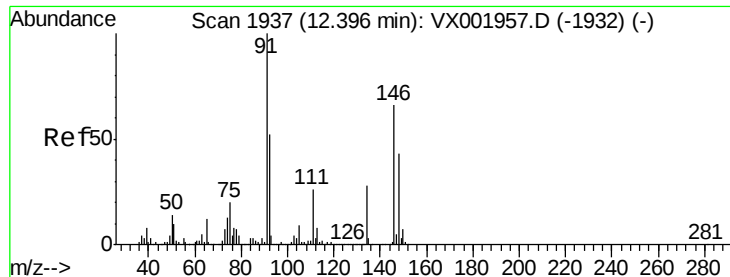
Tgt Ion: 91 Resp: 282912
Ion Ratio Lower Upper
91 100
92 52.1 0.0 105.2
134 27.2 0.0 53.2



#86
Hexachloroethane
Concen: 19.33 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001961.D
Acq: 25 May 2018 00:46

Tgt Ion: 117 Resp: 68211
Ion Ratio Lower Upper
117 100
201 95.2 47.6 142.8

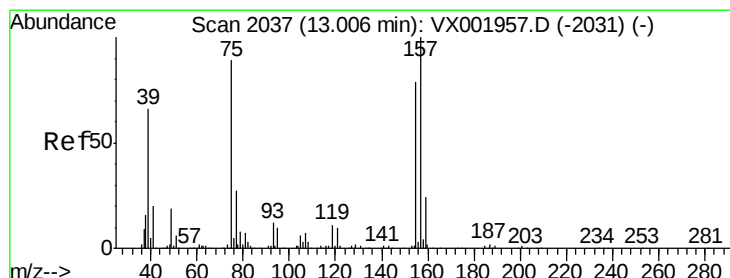
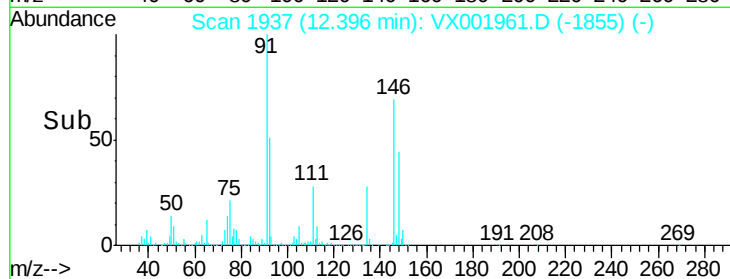
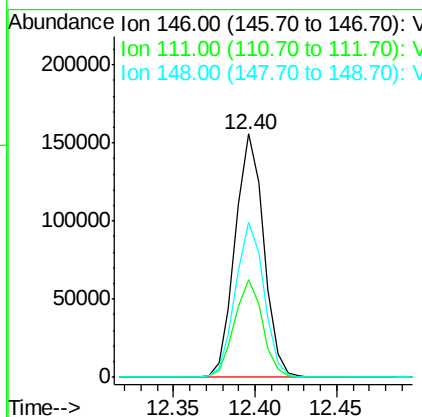
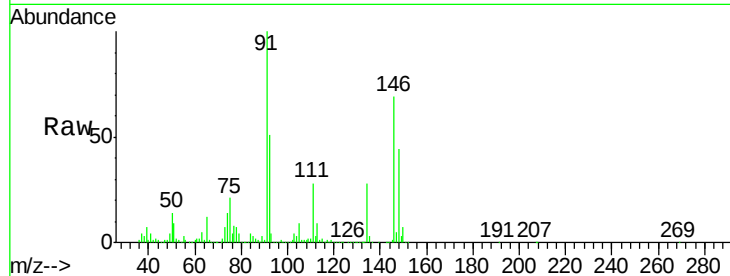




#87
 1,2-Dichlorobenzene
 Concen: 19.54 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

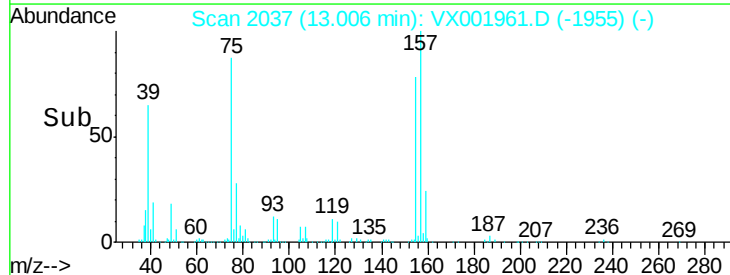
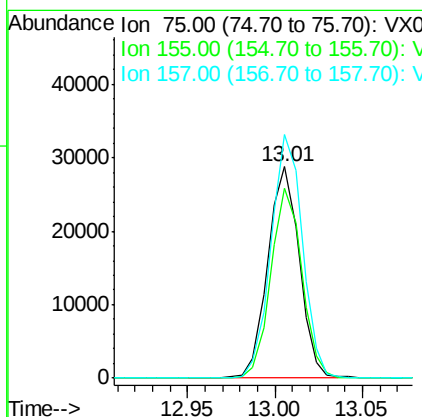
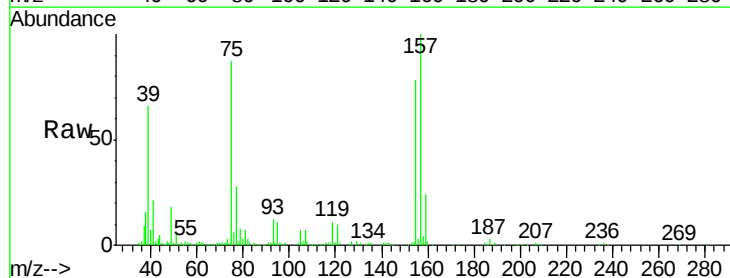
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

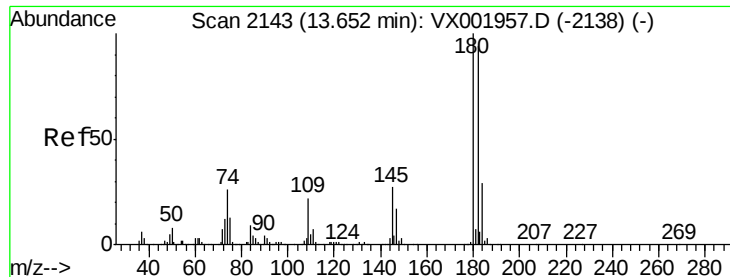
Tgt Ion:146 Resp: 190588
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 63.7 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion: 75 Resp: 36126
 Ion Ratio Lower Upper
 75 100
 155 88.3 73.1 109.7
 157 115.2 93.1 139.7

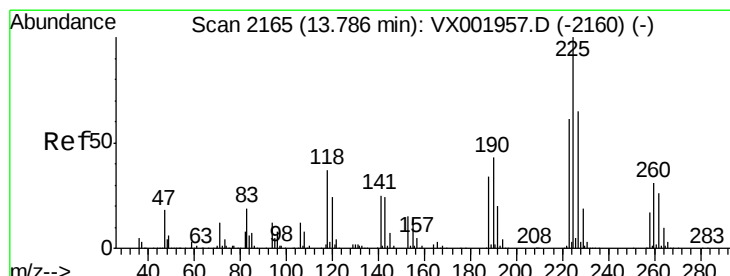
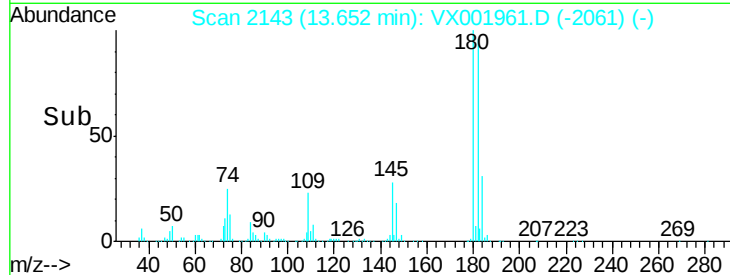
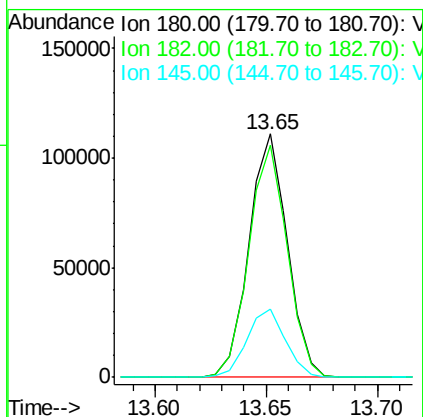
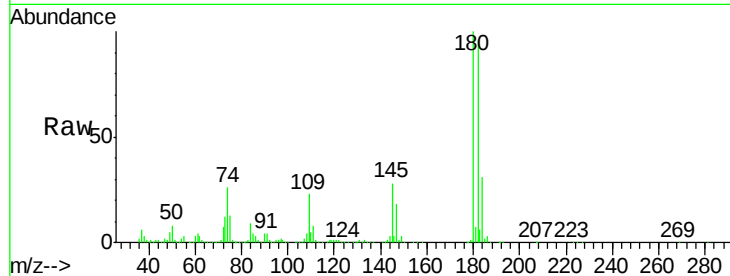




#89
 1,2,4-Trichlorobenzene
 Concen: 19.23 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

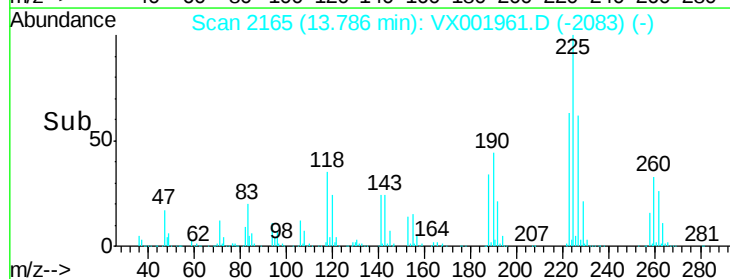
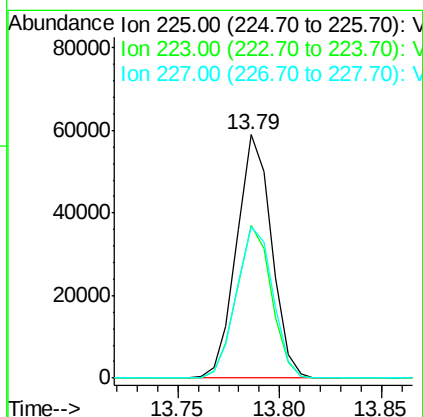
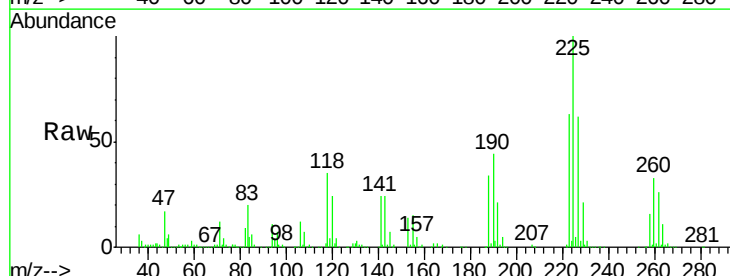
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

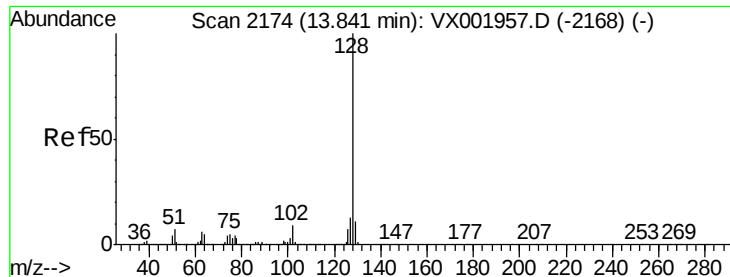
Tgt Ion:180 Resp: 133219
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.4 114.6
 145 28.6 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 19.06 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001961.D
 Acq: 25 May 2018 00:46

Tgt Ion:225 Resp: 70230
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 122.4
 227 65.1 0.0 128.0





#91

Naphthalene

Concen: 20.18 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

Instrument :

MSVOA_X

ClientSampleId :

BFB

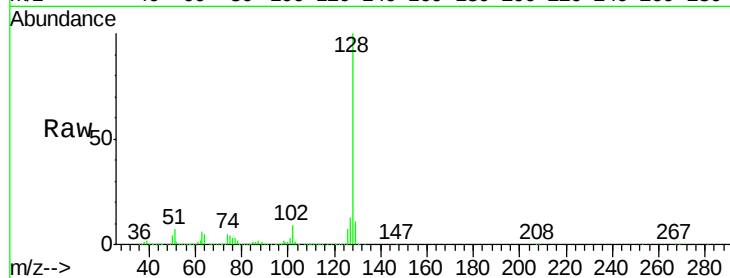
Tgt Ion:128 Resp: 441027

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

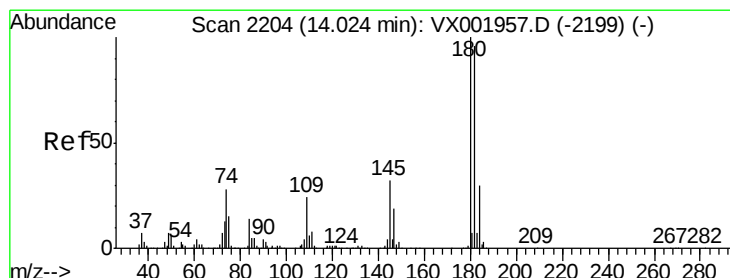
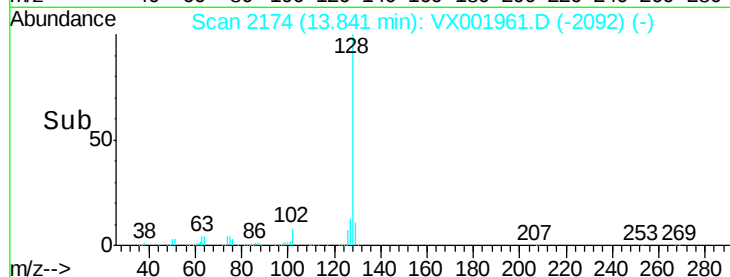
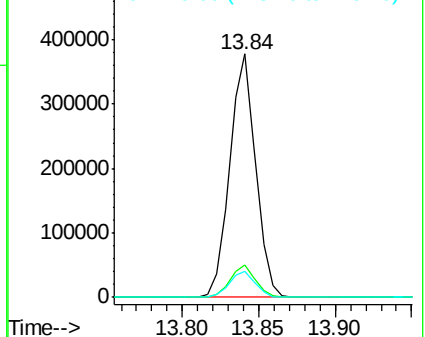
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.54 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001961.D

Acq: 25 May 2018 00:46

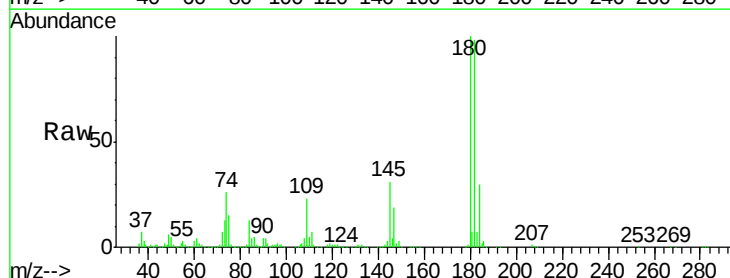
Tgt Ion:180 Resp: 141346

Ion Ratio Lower Upper

180 100

182 97.2 0.0 191.0

145 30.5 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

