

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002235.D
 Acq On : 02 Jun 2018 11:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 04 05:02:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	288355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197370	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193420	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
35) Dibromofluoromethane	5.51	113	144953	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.72	98	550185	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	11.14	95	218849	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91276	35.67	ug/l	100
3) Chloromethane	1.32	50	125340	40.49	ug/l	99
4) Vinyl Chloride	1.40	62	130887	43.79	ug/l	100
5) Bromomethane	1.64	94	86448	63.09	ug/l	100
6) Chloroethane	1.72	64	89260	50.66	ug/l	97
7) Trichlorofluoromethane	1.93	101	219488	48.90	ug/l	99
8) Diethyl Ether	2.19	74	98924	60.74	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128011	51.11	ug/l	97
10) Methyl Iodide	2.51	142	151689	44.76	ug/l	98
11) Tert butyl alcohol	3.06	59	201353	285.25	ug/l	98
12) 1,1-Dichloroethene	2.37	96	113431	48.37	ug/l	94
13) Acrolein	2.29	56	66896	219.19	ug/l	99
14) Allyl chloride	2.73	41	266368	54.12	ug/l	97
15) Acrylonitrile	3.15	53	435226	299.83	ug/l	100
16) Acetone	2.45	43	461381	332.44	ug/l	98
17) Carbon Disulfide	2.57	76	251783	37.31	ug/l	100
18) Methyl Acetate	2.78	43	221883	66.75	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	525790	59.62	ug/l	99
20) Methylene Chloride	2.86	84	150994	63.28	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	128360	56.43	ug/l	99
22) Diisopropyl ether	3.87	45	554171	55.35	ug/l	97
23) Vinyl Acetate	3.82	43	2455059	295.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	272496	57.30	ug/l	100
25) 2-Butanone	4.70	43	605917	238.20	ug/l	99
26) 2,2-Dichloropropane	4.59	77	201133	41.78	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	144761	47.34	ug/l	92
28) Bromochloromethane	5.02	49	127311	64.29	ug/l	99
29) Tetrahydrofuran	5.16	42	381392	230.45	ug/l	99
30) Chloroform	5.22	83	262753	49.04	ug/l	98
31) Cyclohexane	5.57	56	195237	39.40	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	212840	42.61	ug/l	98
36) 1,1-Dichloropropene	5.80	75	171108	42.66	ug/l	98
37) Ethyl Acetate	4.86	43	233661	44.69	ug/l	99
38) Carbon Tetrachloride	5.79	117	183003	39.13	ug/l	98

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Quant Time: Jun 04 05:02:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205220	41.65	ug/l	97
40) Benzene	6.15	78	556497	47.36	ug/l	99
41) Methacrylonitrile	5.06	41	135391	49.04	ug/l	99
42) 1,2-Dichloroethane	6.20	62	231711	49.37	ug/l	99
43) Isopropyl Acetate	6.46	43	401112	46.04	ug/l	99
44) Trichloroethene	7.21	130	156086	45.58	ug/l	99
45) 1,2-Dichloropropane	7.52	63	156048	48.90	ug/l	99
46) Dibromomethane	7.67	93	106274	50.30	ug/l	99
47) Bromodichloromethane	7.90	83	197304	43.80	ug/l	100
48) Methyl methacrylate	7.78	41	204173	46.04	ug/l	98
49) 1,4-Dioxane	7.76	88	72532	928.20	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1288435	245.31	ug/l	100
52) Toluene	8.79	92	359875	48.12	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	243210	46.87	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	232529	45.99	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	161355	51.65	ug/l	97
56) Ethyl methacrylate	9.18	69	255069	47.47	ug/l	98
57) 1,3-Dichloropropane	9.37	76	266335	51.75	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	572369	240.33	ug/l	99
59) 2-Hexanone	9.50	43	1003389	247.76	ug/l	100
60) Dibromochloromethane	9.59	129	168054	45.42	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167507	51.10	ug/l	100
64) Tetrachloroethene	9.34	164	176164	43.70	ug/l	98
65) Chlorobenzene	10.14	112	428199	48.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	161911	45.02	ug/l	100
67) Ethyl Benzene	10.26	91	713967	46.13	ug/l	99
68) m/p-Xylenes	10.36	106	558846	94.47	ug/l	98
69) o-Xylene	10.70	106	279305	47.28	ug/l	100
70) Styrene	10.71	104	471547	48.14	ug/l	99
71) Bromoform	10.86	173	134082	39.31	ug/l	# 99
73) Isopropylbenzene	11.02	105	735665	44.02	ug/l	100
74) N-amyl acetate	6.46	43	401112	46.01	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236646	51.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	293905	62.00	ug/l	80
77) Bromobenzene	11.26	156	209259	47.19	ug/l	96
78) n-propylbenzene	11.37	91	835422	44.63	ug/l	100
79) 2-Chlorotoluene	11.43	91	514676	50.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	637648	44.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72634	36.82	ug/l	91
82) 4-Chlorotoluene	11.51	91	614444	46.54	ug/l	100
83) tert-Butylbenzene	11.77	119	612019	43.67	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	668709	45.30	ug/l	100
85) sec-Butylbenzene	11.95	105	743532	44.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	685800	45.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	377492	47.53	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387210	48.77	ug/l	99
89) n-Butylbenzene	12.39	91	587488	45.99	ug/l	99
90) Hexachloroethane	12.60	117	106314	35.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395007	48.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54134	36.43	ug/l	97

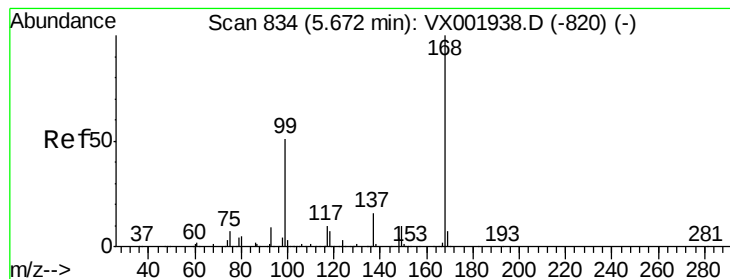
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286855	49.58	ug/l	99
94) Hexachlorobutadiene	13.79	225	137524	44.19	ug/l	99
95) Naphthalene	13.84	128	847967	47.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294254	49.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

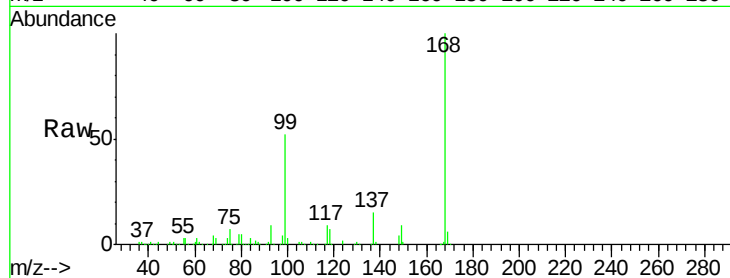
BFB

Tot Ion:168 Resp: 201181

Ion Ratio Lower Upper

168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

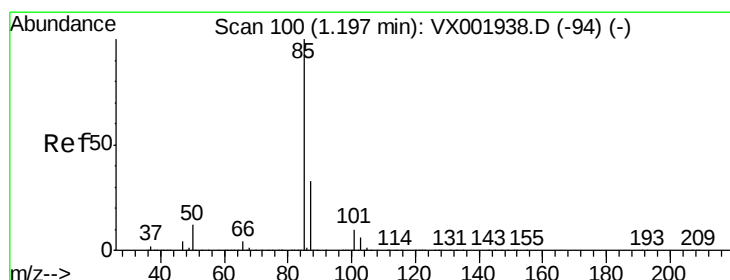
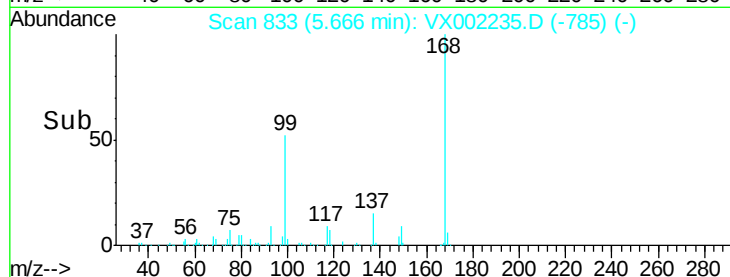
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 35.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002235.D

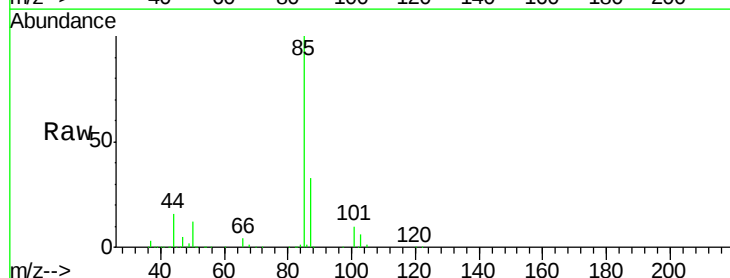
Acq: 02 Jun 2018 11:42

Tgt Ion: 85 Resp: 91276

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

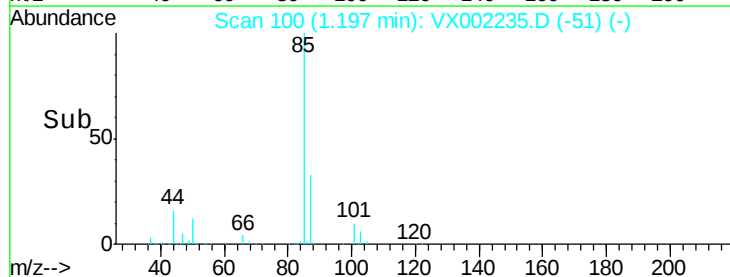
1.15

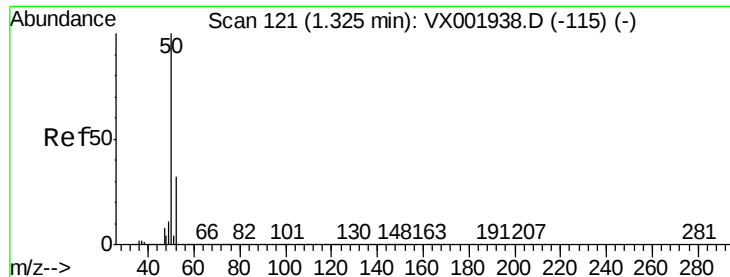
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 40.49 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

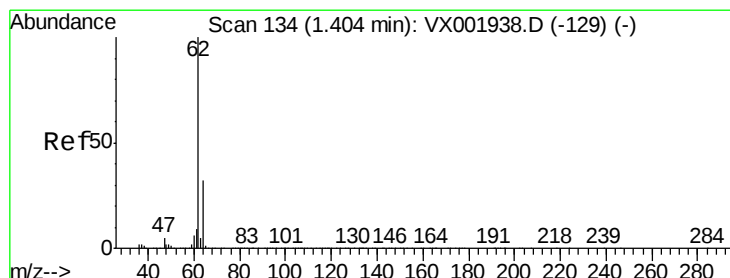
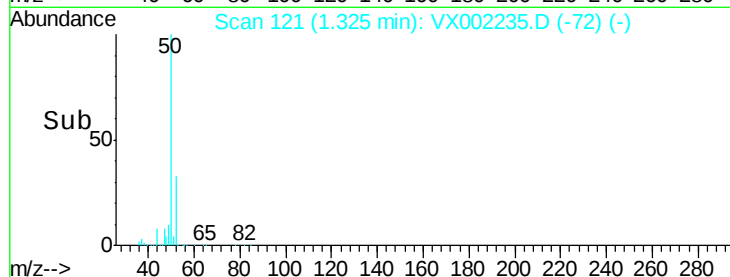
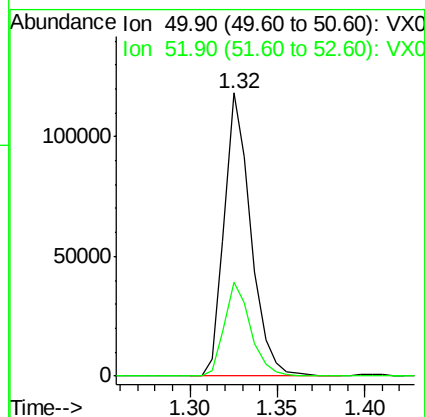
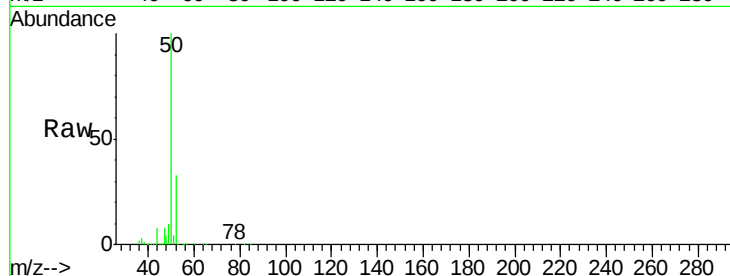
BFB

Tot Ion: 50 Resp: 125340

Ion Ratio Lower Upper

50 100

52 33.2 26.0 39.0



#4

Vinyl Chloride

Concen: 43.79 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002235.D

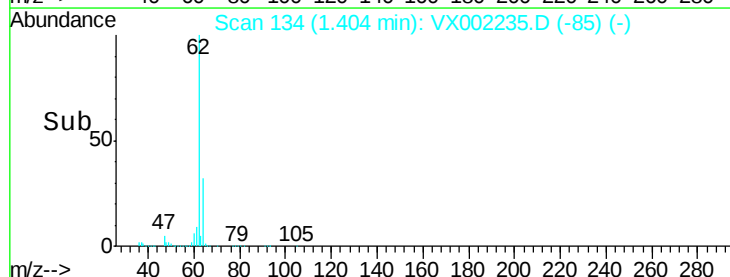
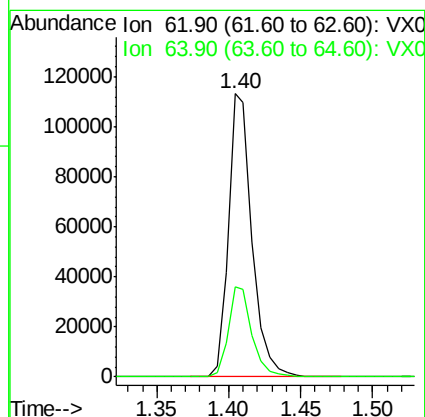
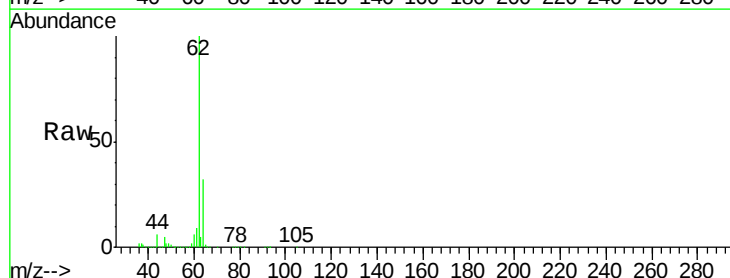
Acq: 02 Jun 2018 11:42

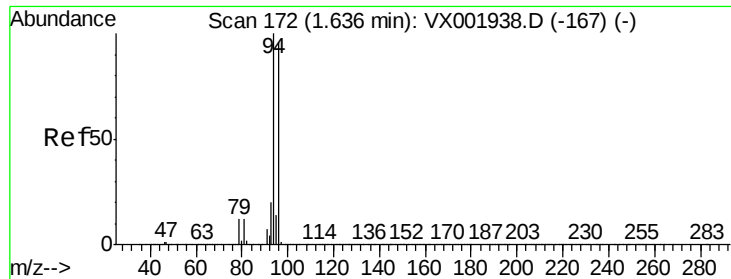
Tgt Ion: 62 Resp: 130887

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 63.09 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

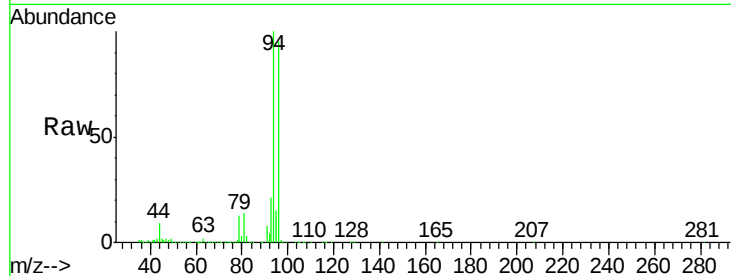
BFB

Tot Ion: 94 Resp: 86448

Ion Ratio Lower Upper

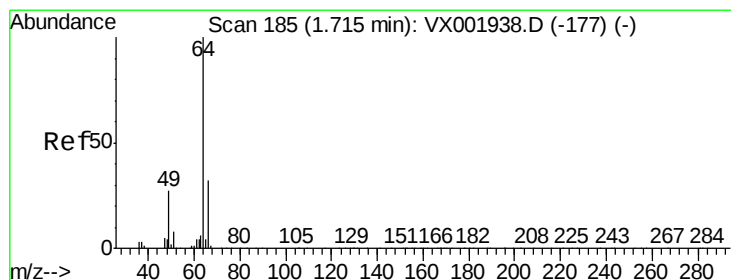
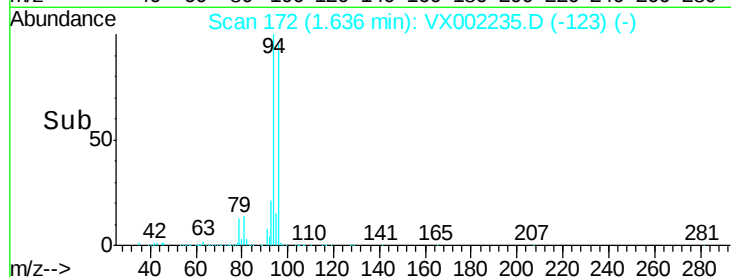
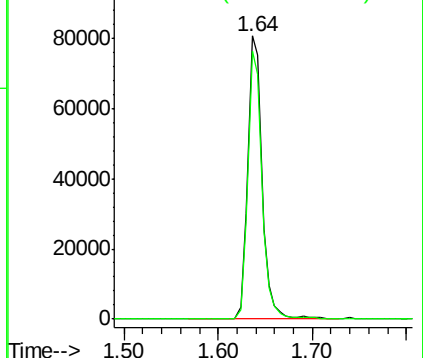
94 100

96 94.5 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.66 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002235.D

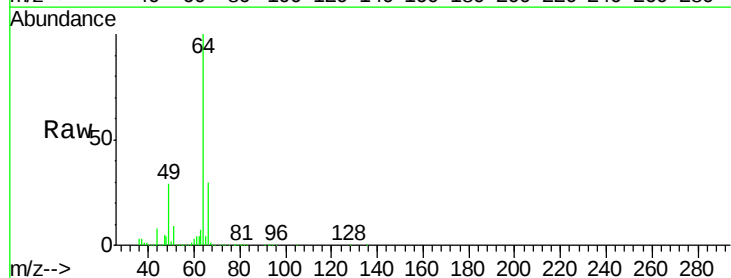
Acq: 02 Jun 2018 11:42

Tgt Ion: 64 Resp: 89260

Ion Ratio Lower Upper

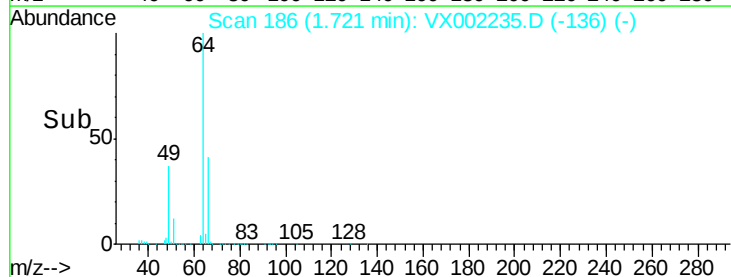
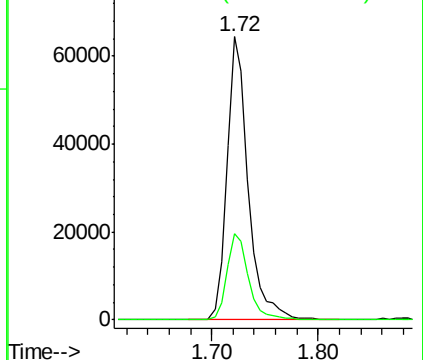
64 100

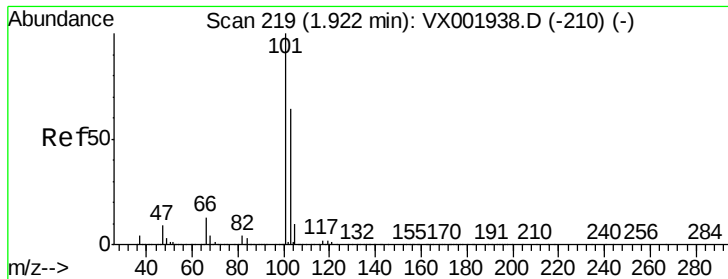
66 30.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



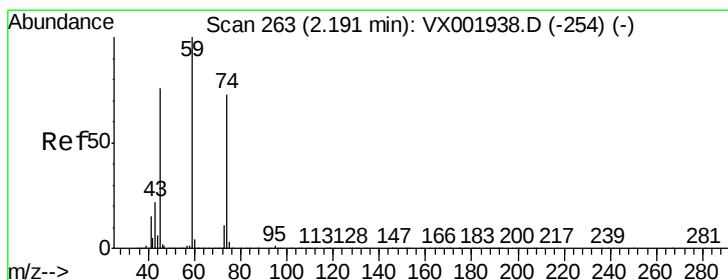
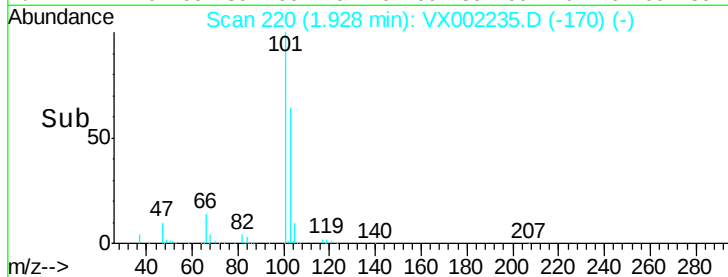
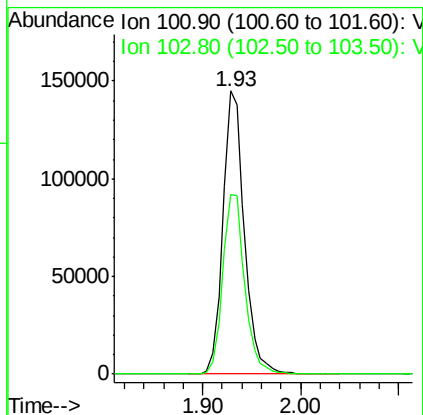
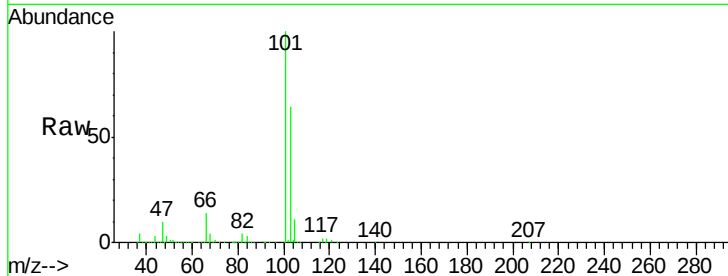


#7

Trichlorofluoromethane
 Concen: 48.90 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

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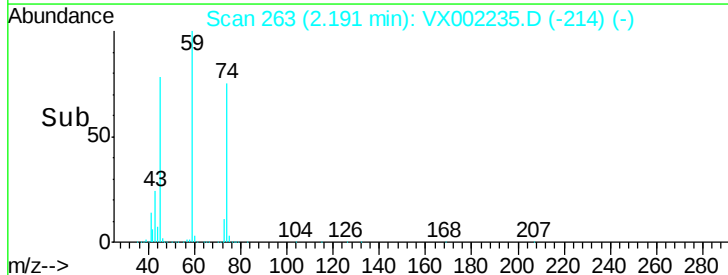
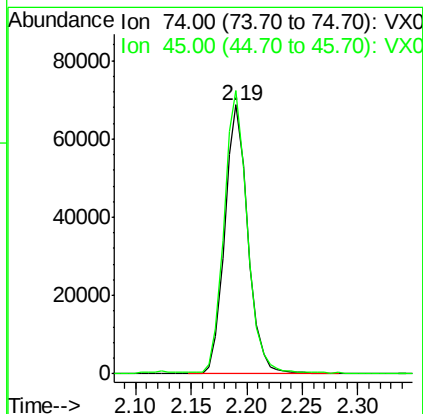
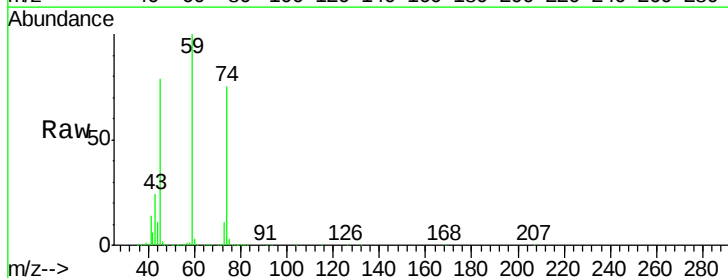
Tot Ion:101 Resp: 219488
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0

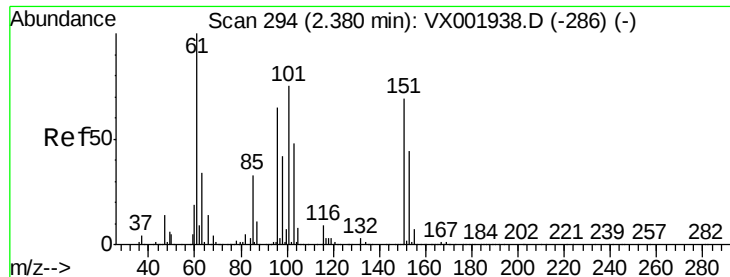


#8

Diethyl Ether
 Concen: 60.74 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion: 74 Resp: 98924
 Ion Ratio Lower Upper
 74 100
 45 103.8 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.11 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

BFB

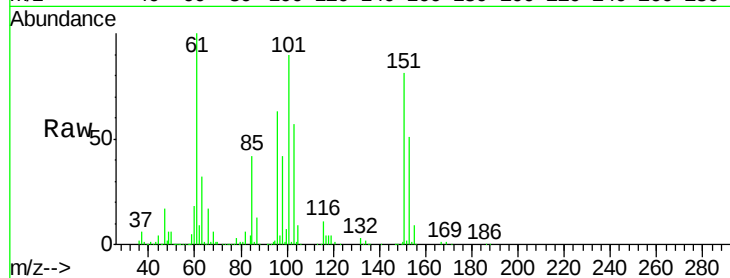
Tot Ion:101 Resp: 128011

Ion Ratio Lower Upper

101 100

85 45.7 35.6 53.4

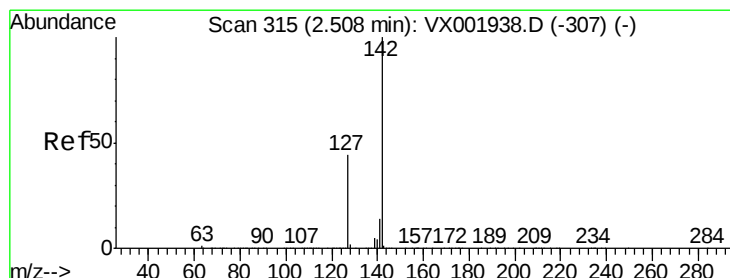
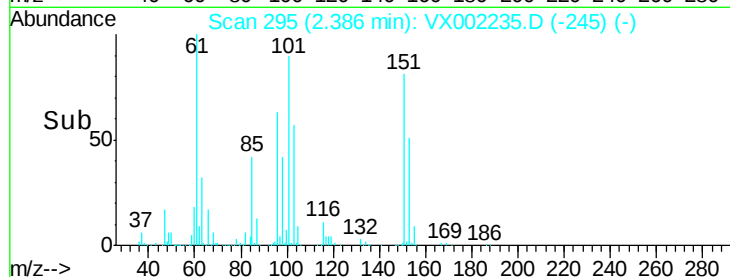
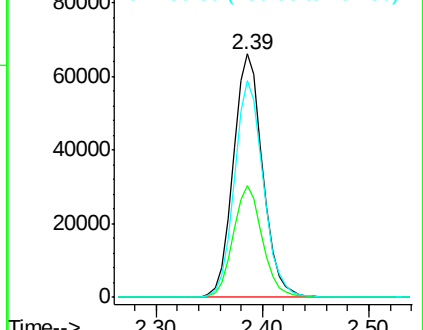
151 87.9 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.76 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

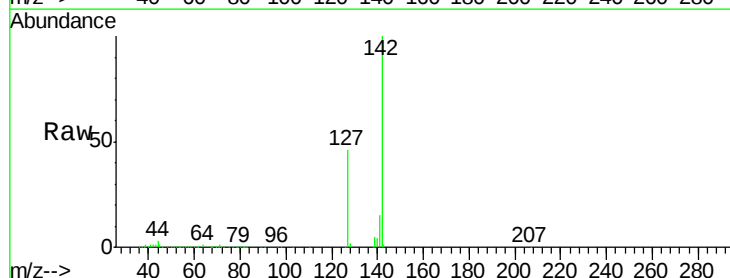
Tgt Ion:142 Resp: 151689

Ion Ratio Lower Upper

142 100

127 46.1 35.5 53.3

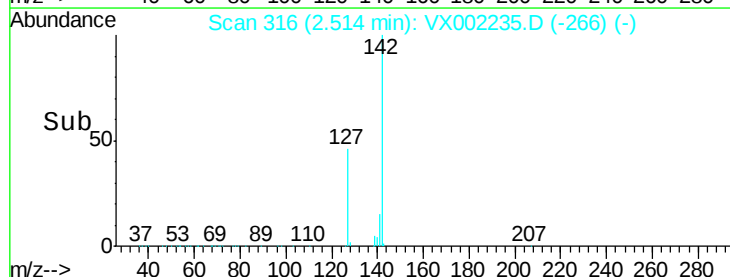
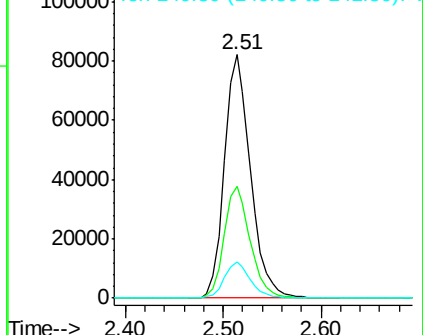
141 14.7 11.3 16.9

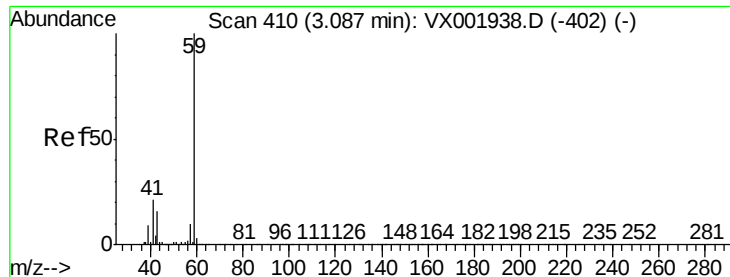


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



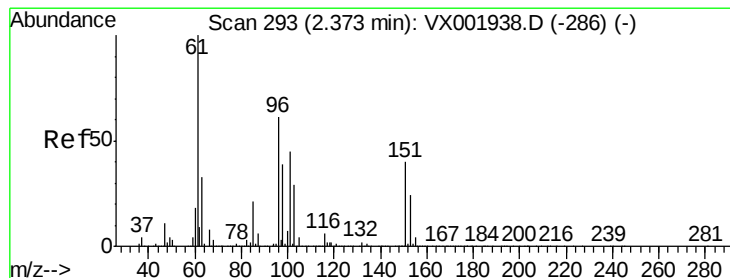
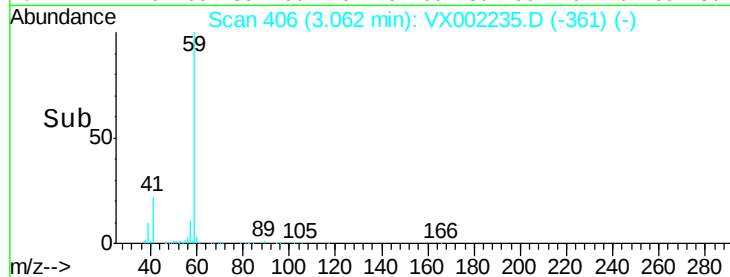
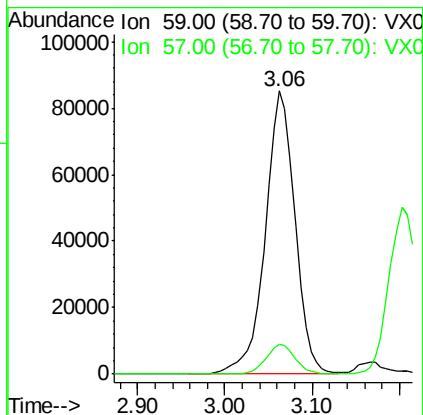
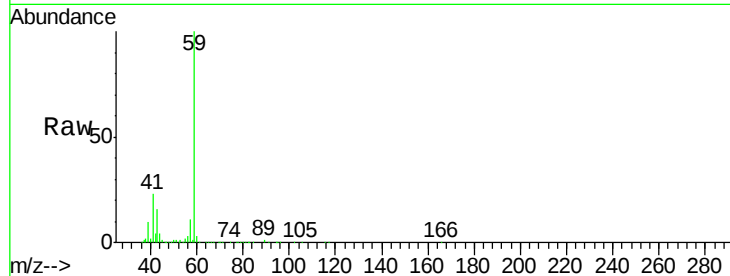


#11

Tert butyl alcohol
 Concen: 285.25 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

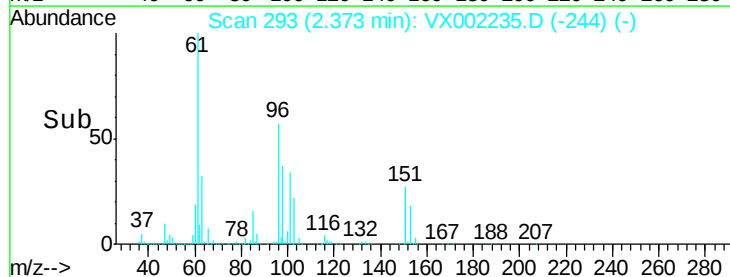
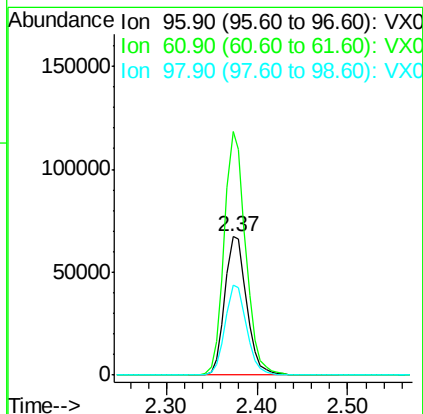
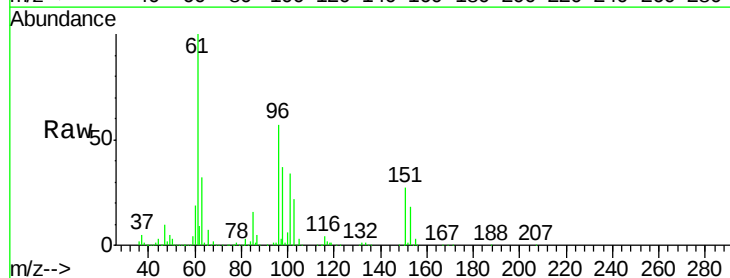
Tot Ion: 59 Resp: 201353
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.9 13.3

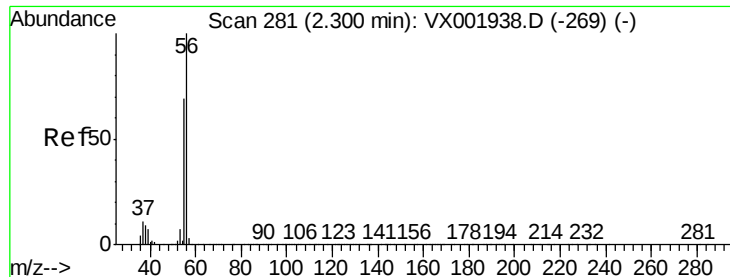


#12

1,1-Dichloroethene
 Concen: 48.37 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion: 96 Resp: 113431
 Ion Ratio Lower Upper
 96 100
 61 175.6 131.7 197.5
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 219.19 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

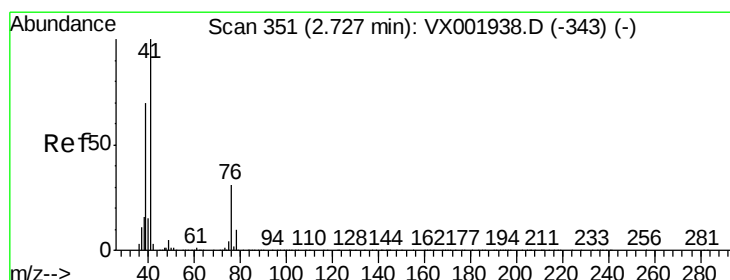
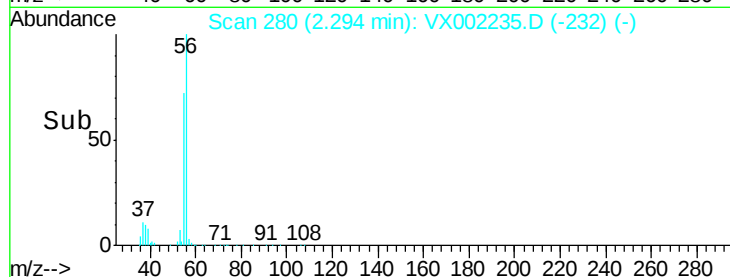
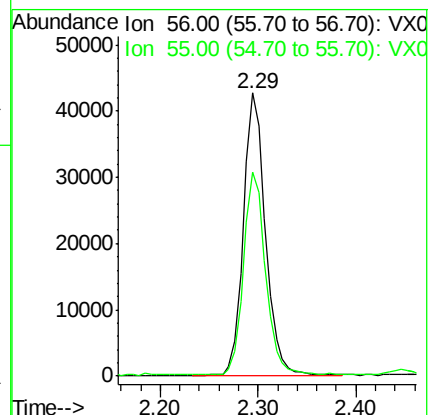
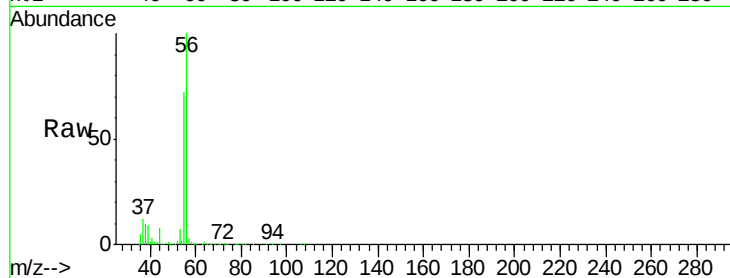
BFB

Tot Ion: 56 Resp: 66896

Ion Ratio Lower Upper

56 100

55 71.8 56.8 85.2



#14

Allyl chloride

Concen: 54.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

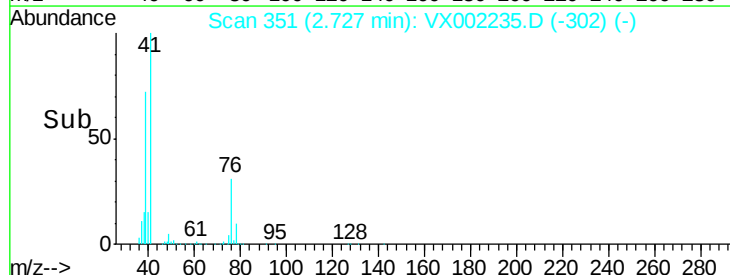
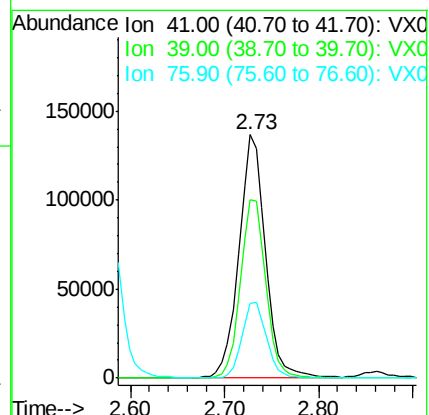
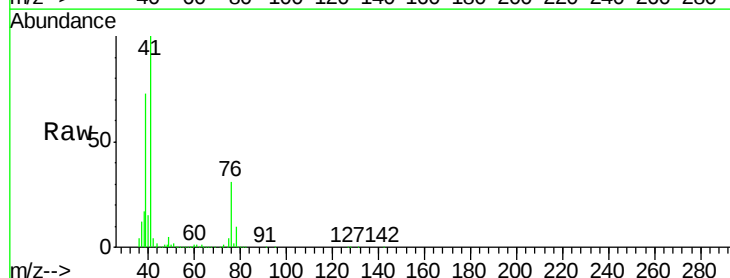
Tgt Ion: 41 Resp: 266368

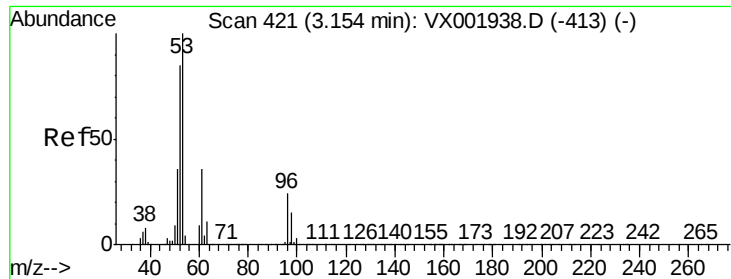
Ion Ratio Lower Upper

41 100

39 70.5 54.3 81.5

76 28.9 24.2 36.4





#15

Acrylonitrile

Concen: 299.83 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

BFB

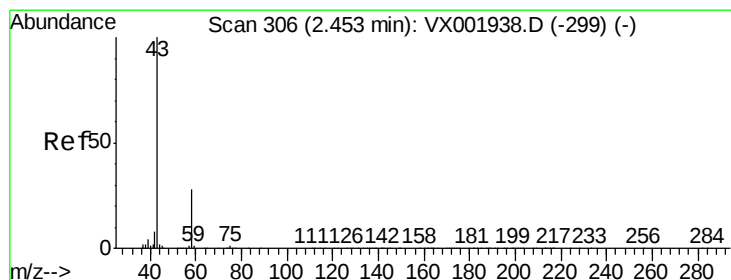
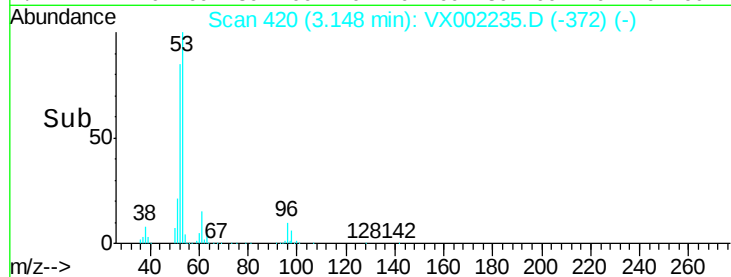
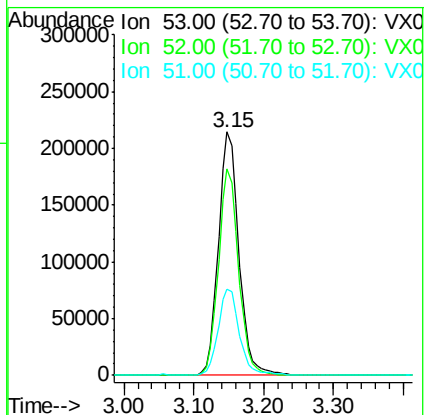
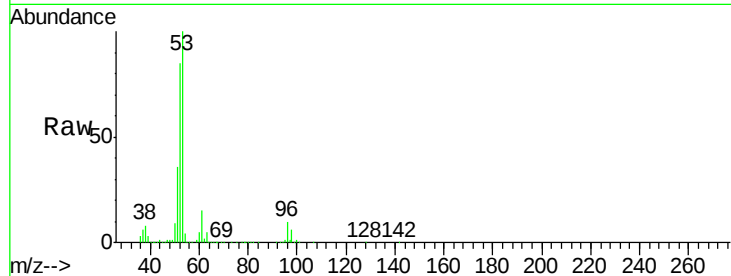
Tot Ion: 53 Resp: 435226

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

51 36.6 29.3 43.9



#16

Acetone

Concen: 332.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002235.D

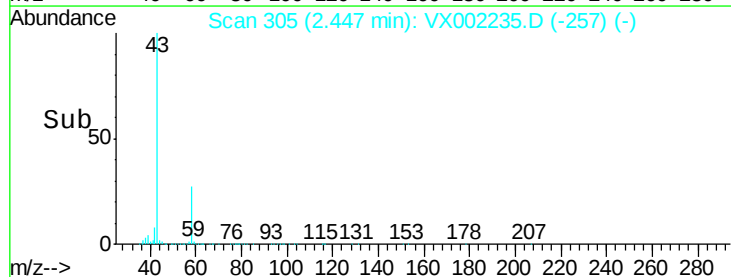
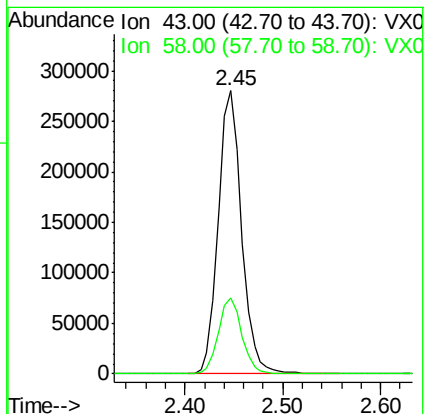
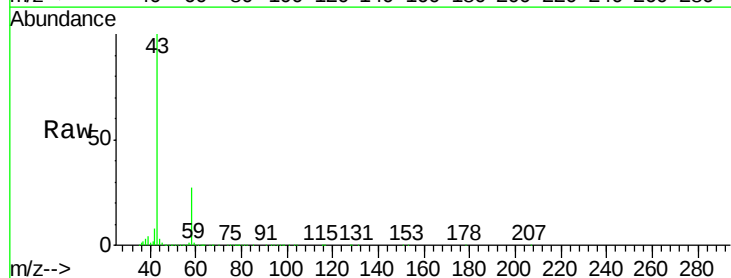
Acq: 02 Jun 2018 11:42

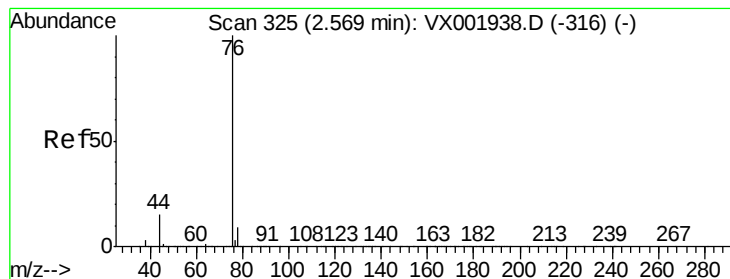
Tgt Ion: 43 Resp: 461381

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5





#17

Carbon Disulfide

Concen: 37.31 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

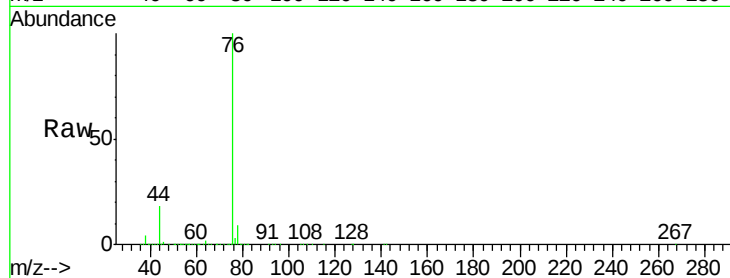
BFB

Tot Ion: 76 Resp: 251783

Ion Ratio Lower Upper

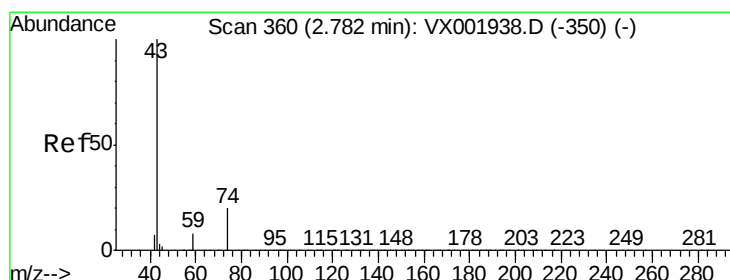
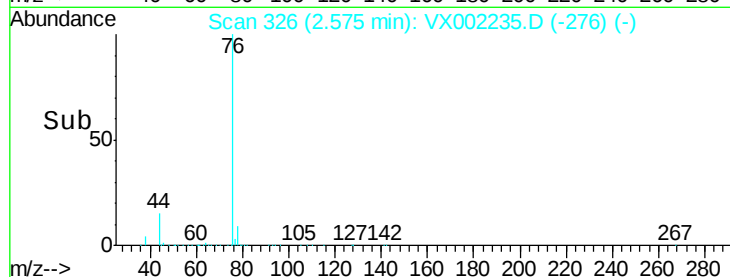
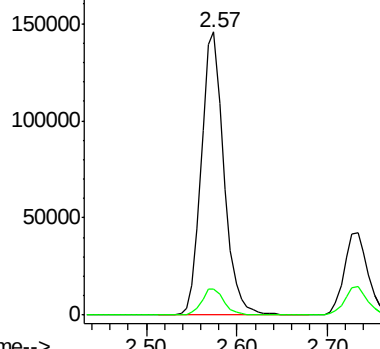
76 100

78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 66.75 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002235.D

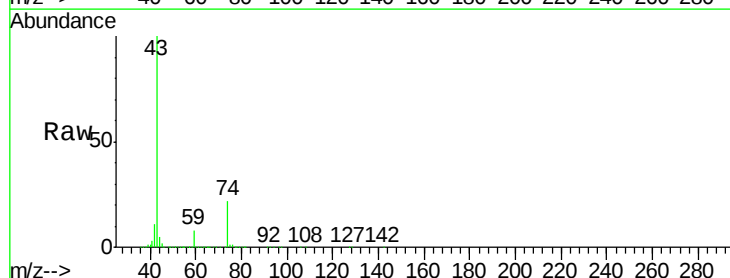
Acq: 02 Jun 2018 11:42

Tgt Ion: 43 Resp: 221883

Ion Ratio Lower Upper

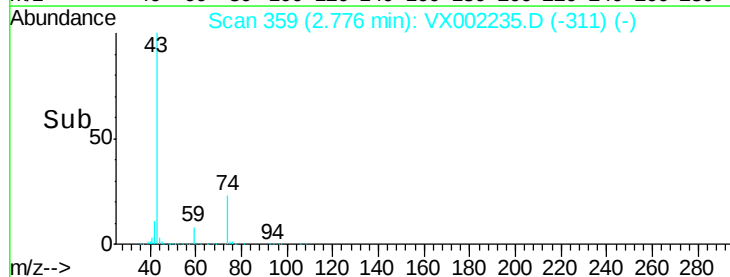
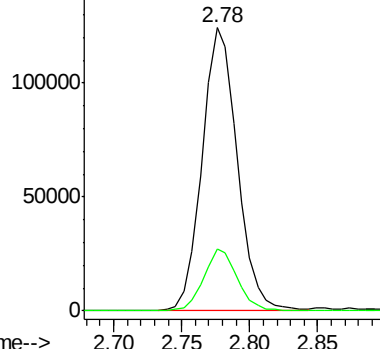
43 100

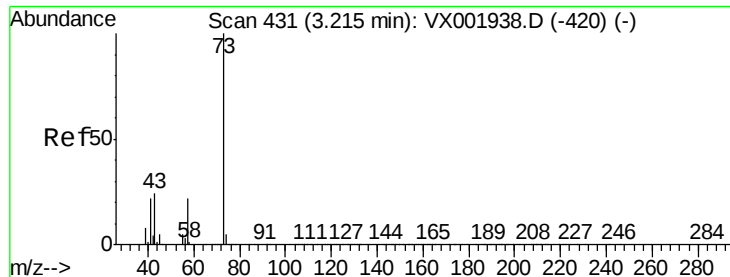
74 21.5 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

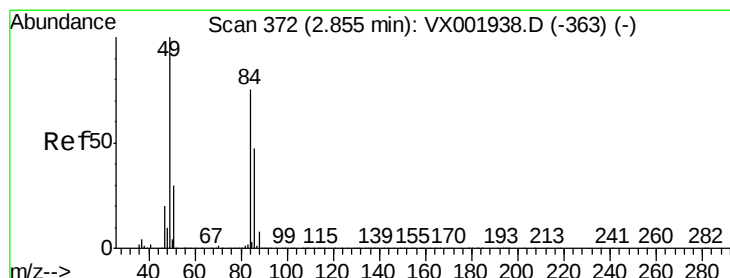
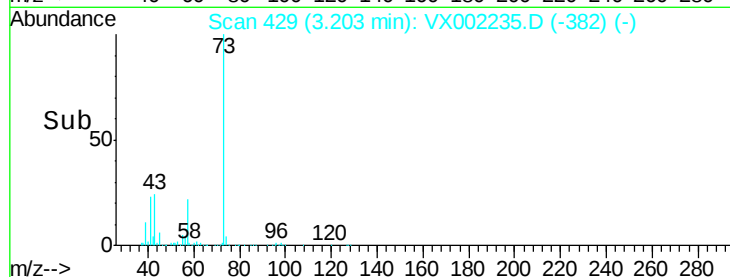
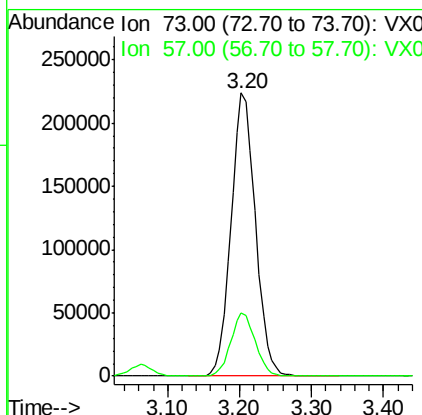
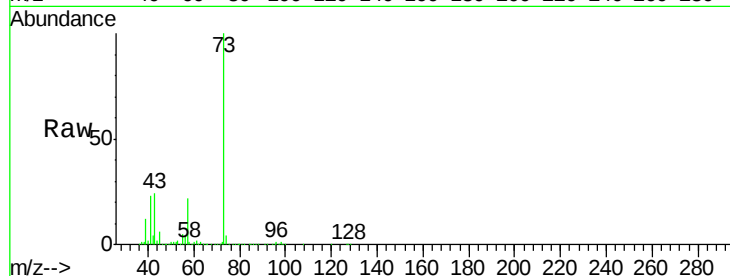




#19
Methvl tert-butvl Ether
Concen: 59.62 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

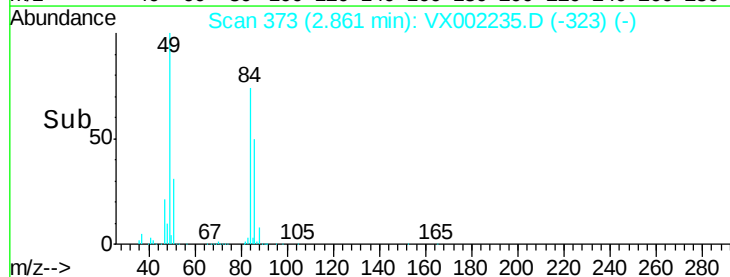
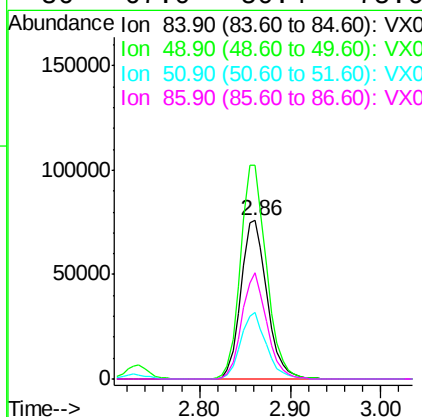
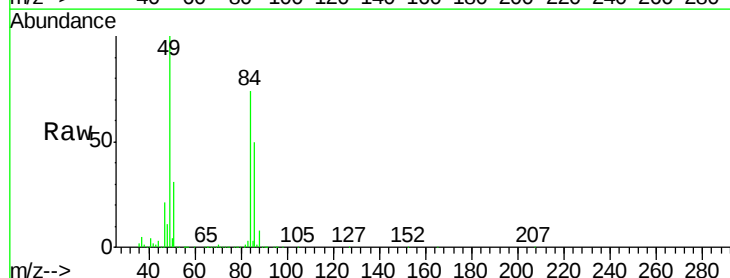
Instrument :
MSVOA_X
ClientSampleId :
BFB

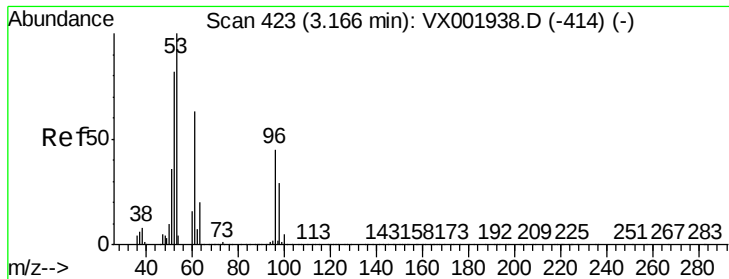
Tot Ion: 73 Resp: 525790
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 63.28 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion: 84 Resp: 150994
Ion Ratio Lower Upper
84 100
49 134.5 107.2 160.8
51 41.8 32.4 48.6
86 67.0 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 56.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

BFB

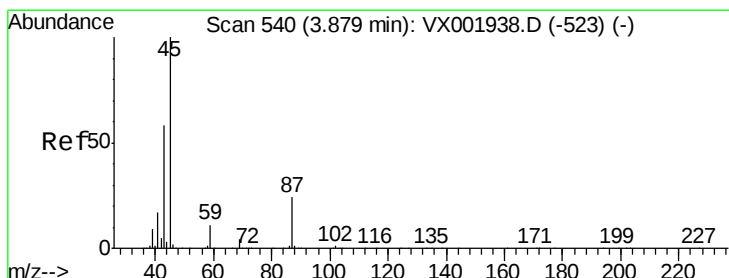
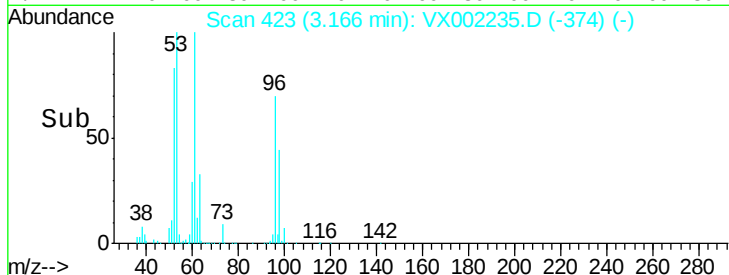
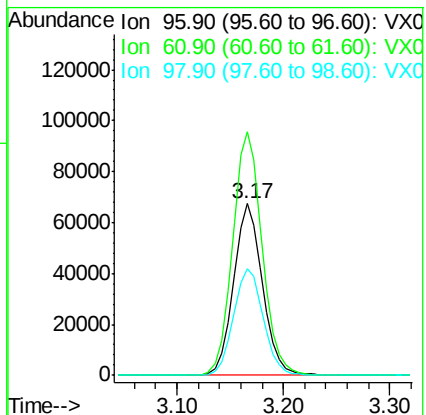
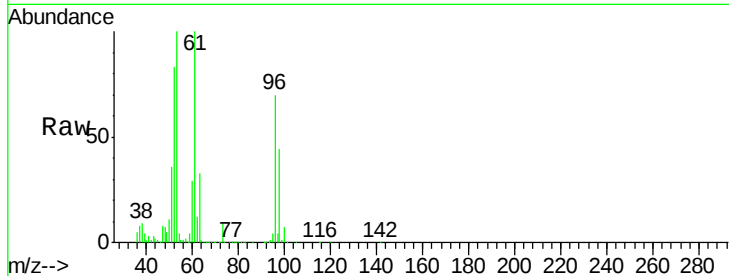
Tot Ion: 96 Resp: 128360

Ion Ratio Lower Upper

96 100

61 141.8 113.3 169.9

98 62.3 51.7 77.5



#22

Diisopropyl ether

Concen: 55.35 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Tgt Ion: 45 Resp: 554171

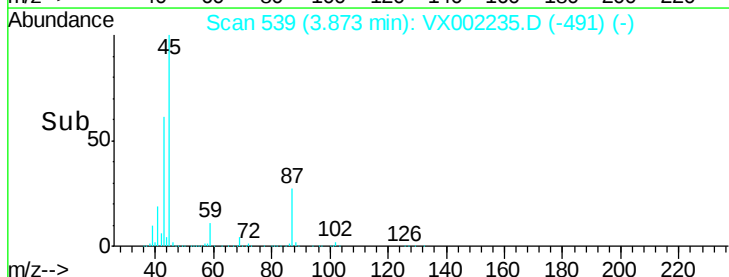
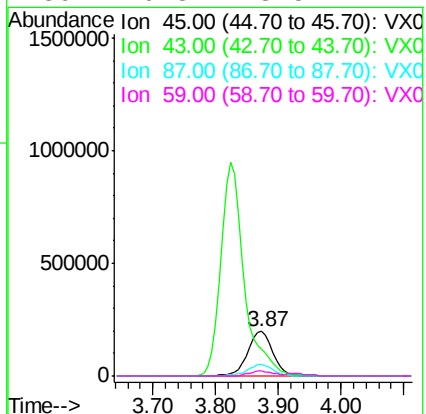
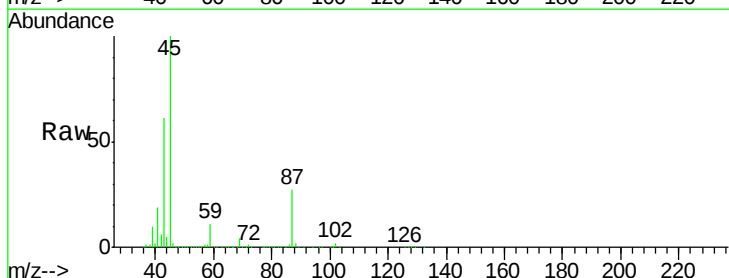
Ion Ratio Lower Upper

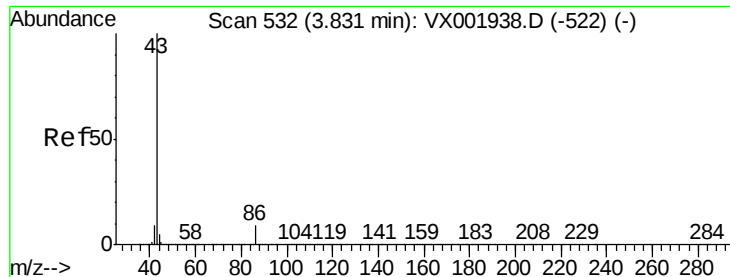
45 100

43 60.7 47.0 70.6

87 26.6 19.4 29.0

59 10.8 8.5 12.7

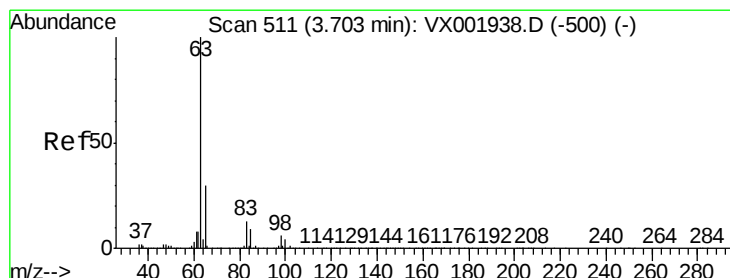
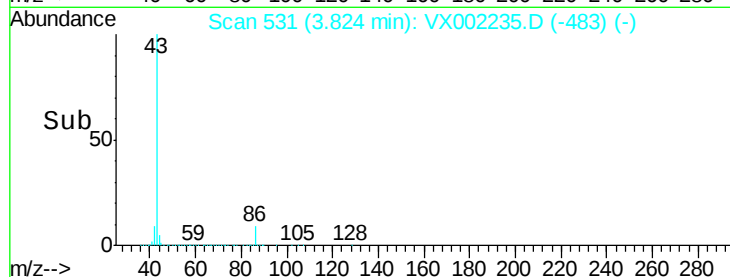
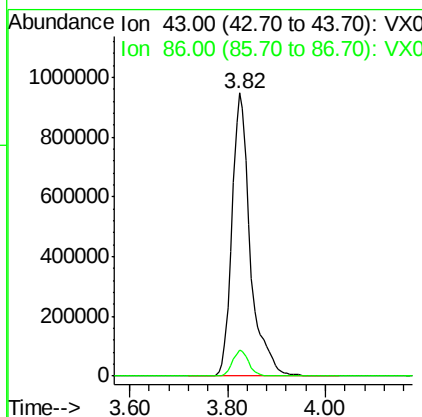
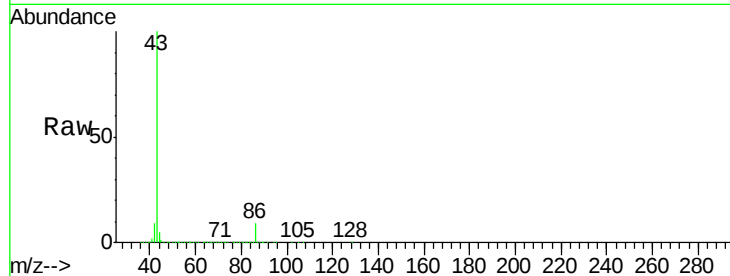




#23
 Vinyl Acetate
 Concen: 295.75 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

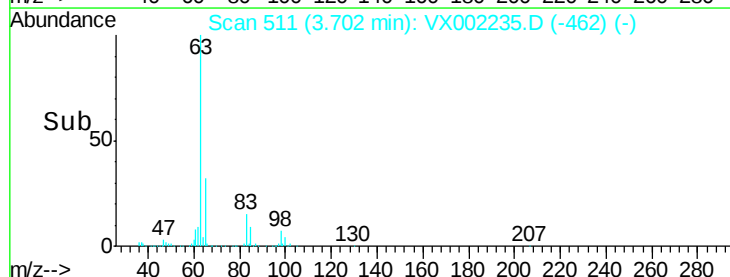
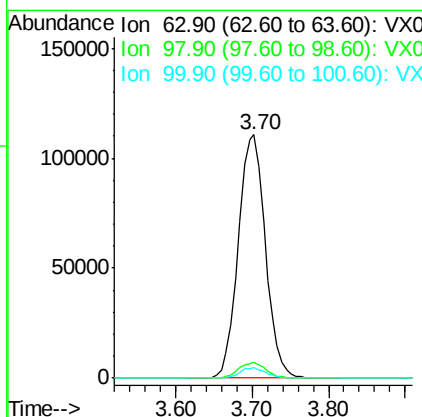
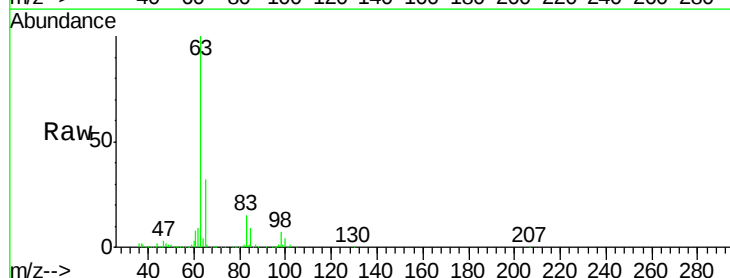
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

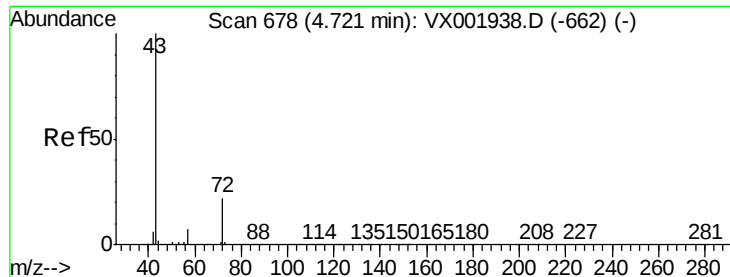
Tot Ion: 43 Resp: 2455059
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 57.30 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion: 63 Resp: 272496
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.3 2.1 6.5

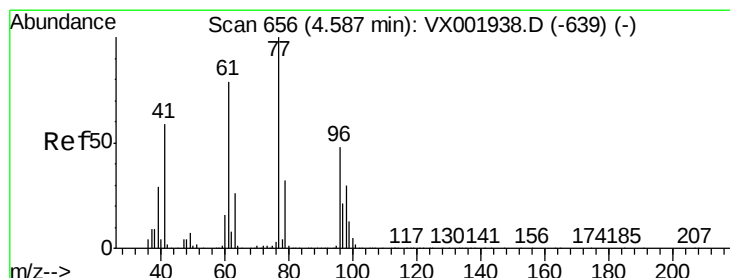
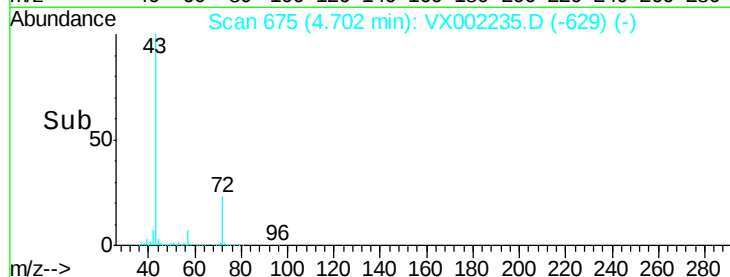
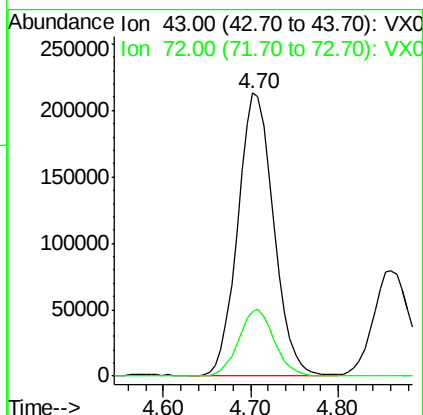
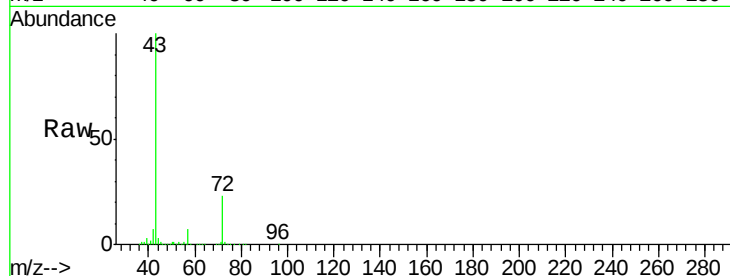




#25
2-Butanone
Concen: 238.20 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.02 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

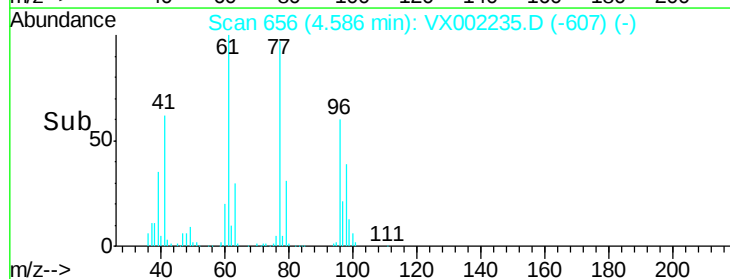
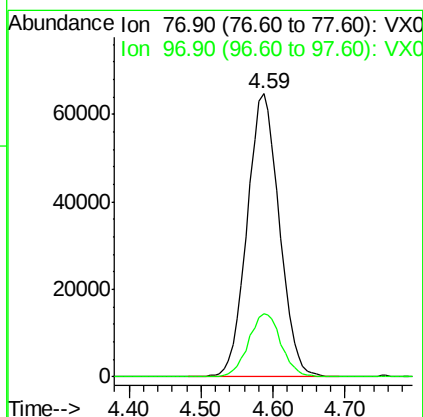
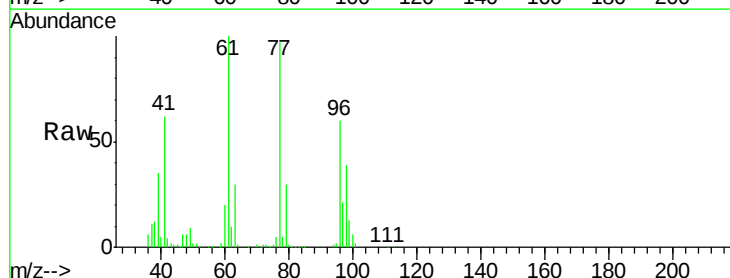
Instrument :
MSVOA_X
ClientSampleId :
BFB

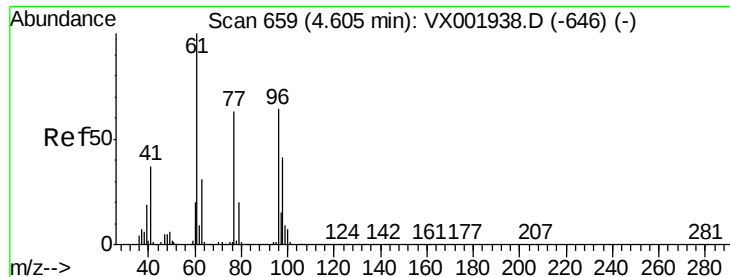
Tot Ion: 43 Resp: 605917
Ion Ratio Lower Upper
43 100
72 22.8 17.9 26.9



#26
2,2-Dichloropropane
Concen: 41.78 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion: 77 Resp: 201133
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



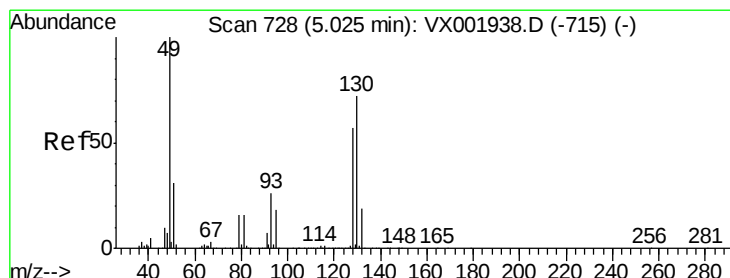
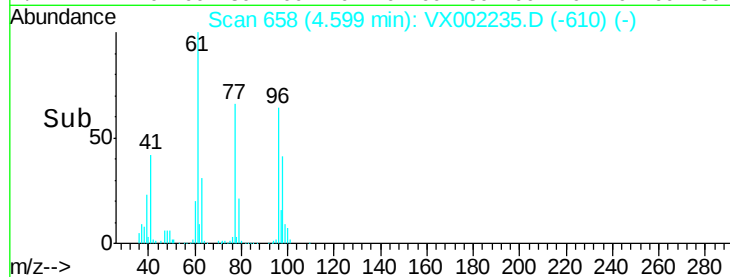
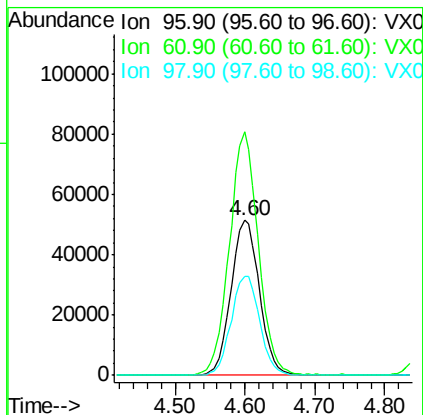
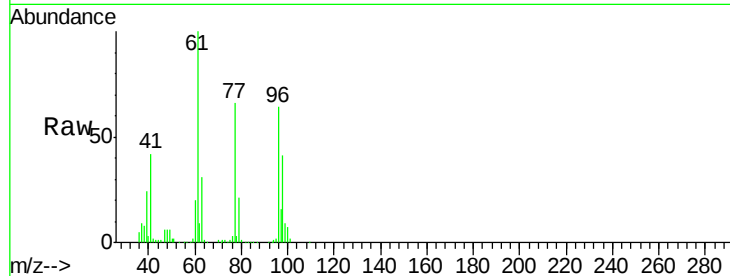


#27

cis-1,2-Dichloroethene
Concen: 47.34 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Instrument :
MSVOA_X
ClientSampleId :
BFB

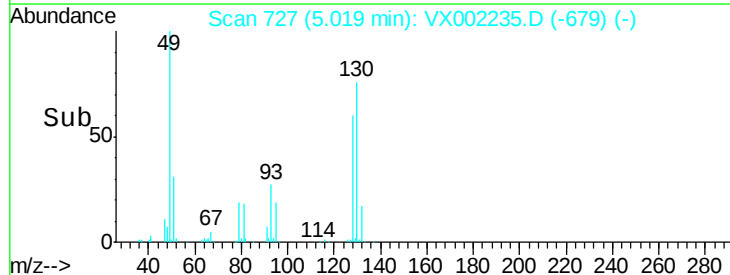
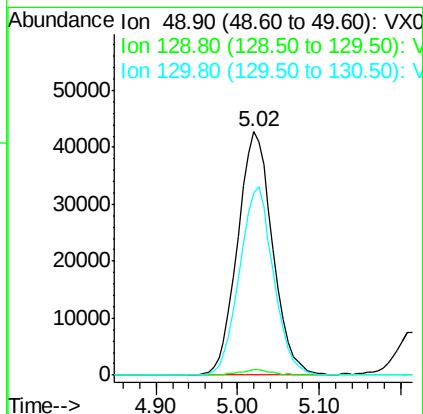
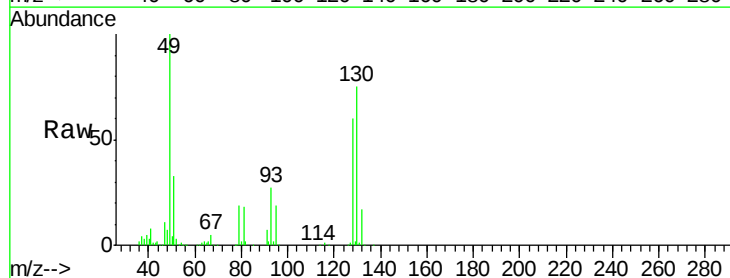
Tot Ion	96	Resp	144761
Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	348.4
98	64.5	0.0	128.6

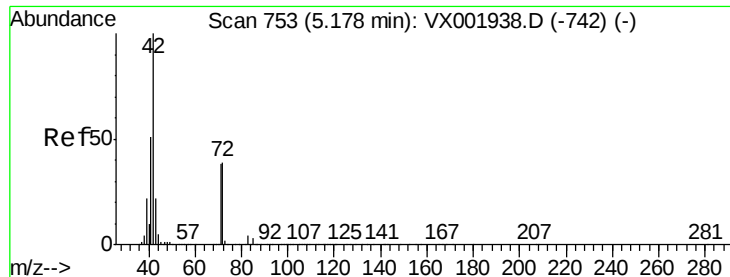


#28

Bromochloromethane
Concen: 64.29 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion	49	Resp	127311
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.2	59.4	89.2





#29

Tetrahydrofuran

Concen: 230.45 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.02 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

BFB

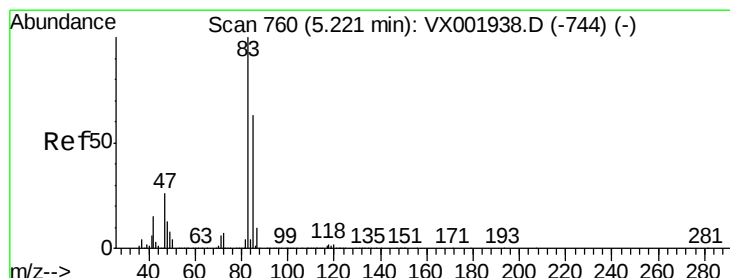
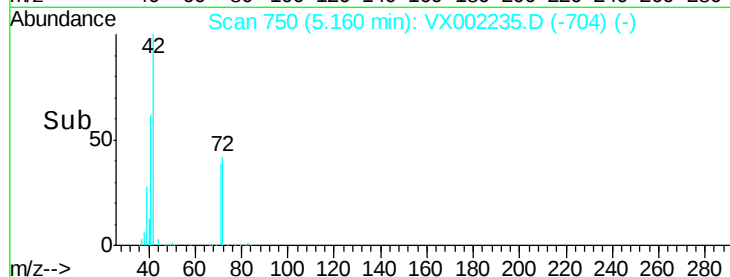
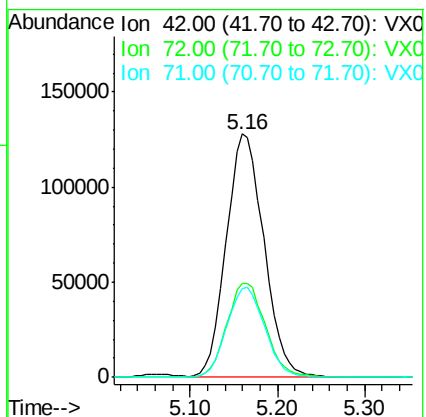
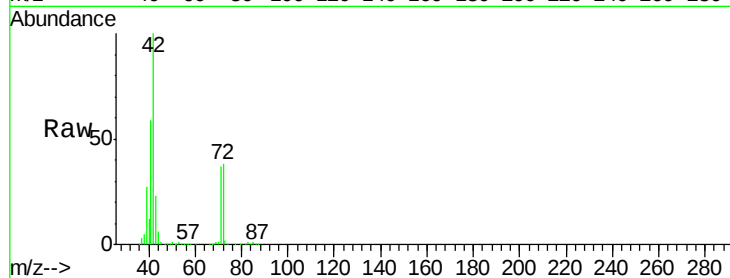
Tot Ion: 42 Resp: 381392

Ion Ratio Lower Upper

42 100

72 40.0 31.4 47.0

71 37.5 29.5 44.3



#30

Chloroform

Concen: 49.04 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002235.D

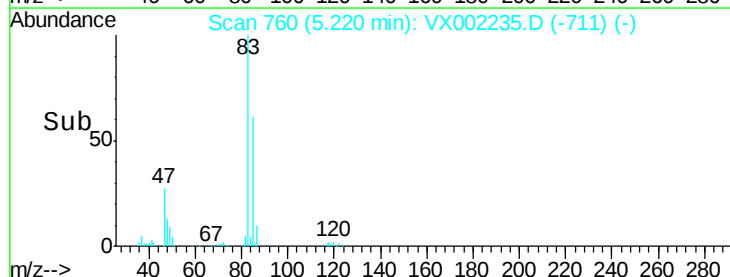
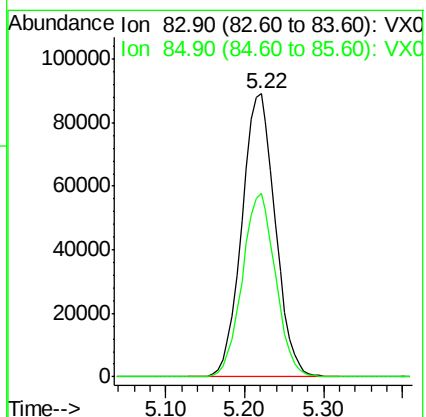
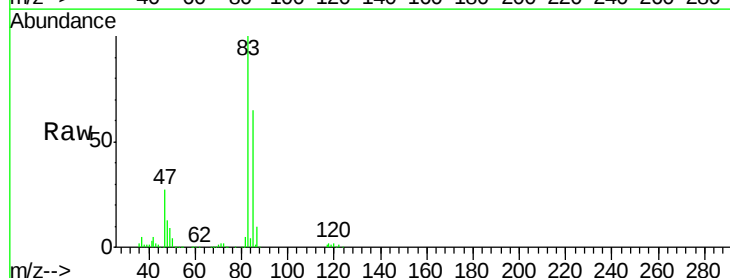
Acq: 02 Jun 2018 11:42

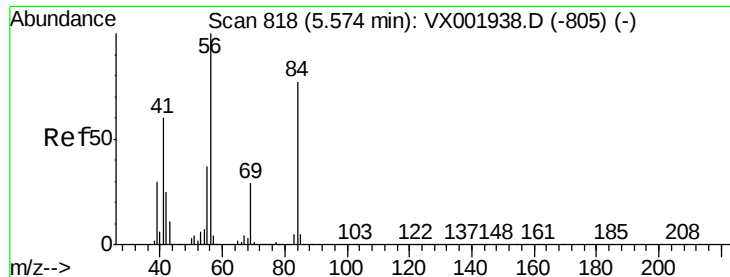
Tgt Ion: 83 Resp: 262753

Ion Ratio Lower Upper

83 100

85 65.0 50.9 76.3

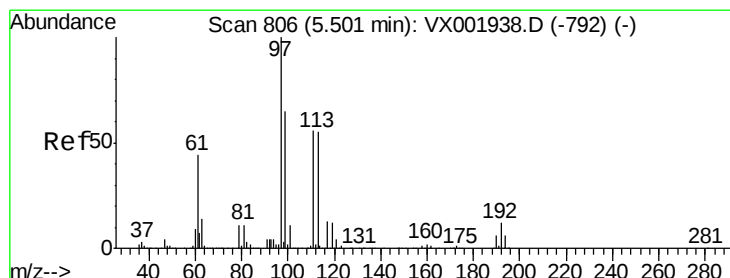
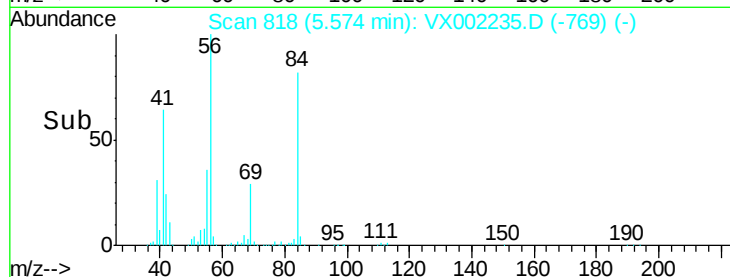
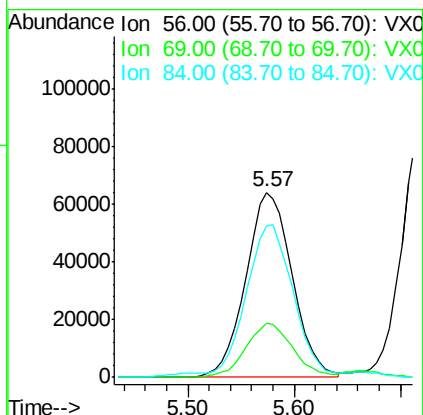
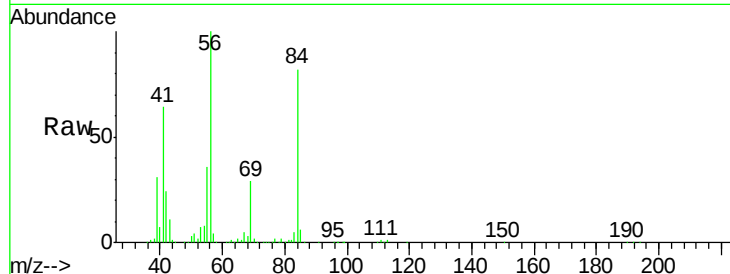




#31
Cyclohexane
Concen: 39.40 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

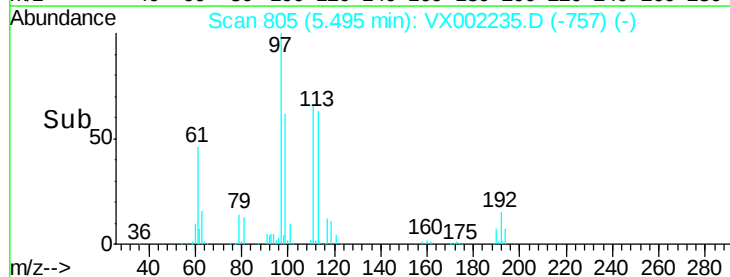
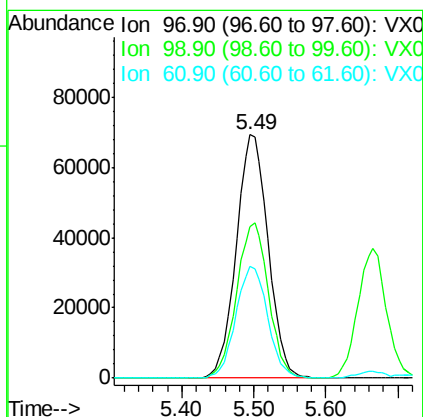
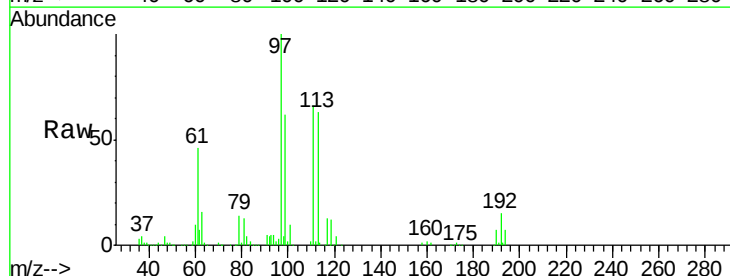
Instrument :
MSVOA_X
ClientSampled :
BFB

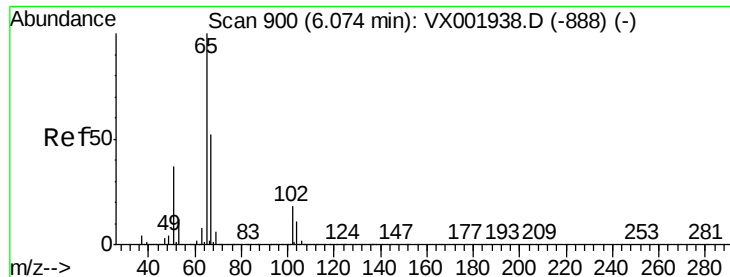
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	80.1	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 42.61 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	45.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 53.79 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

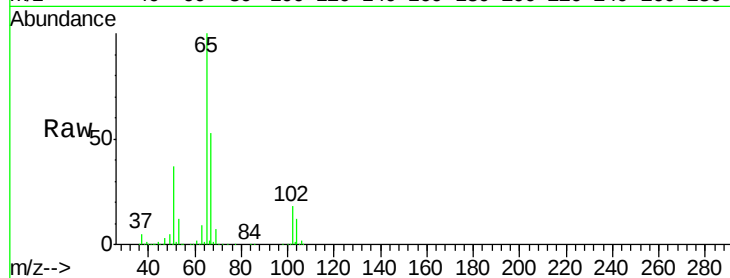
BFB

Tot Ion: 65 Resp: 193420

Ion Ratio Lower Upper

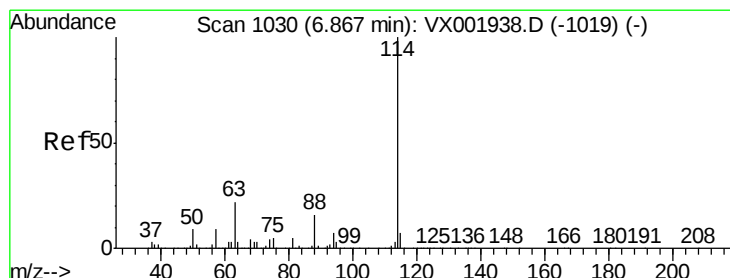
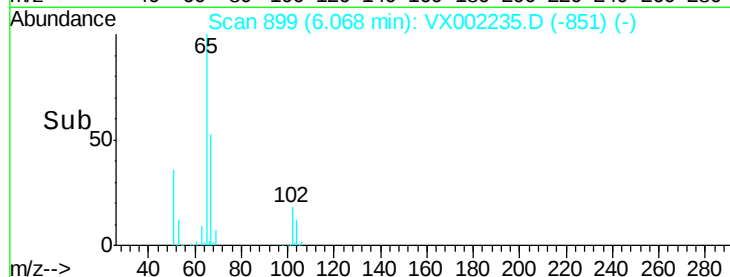
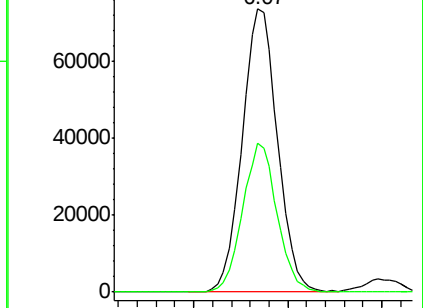
65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

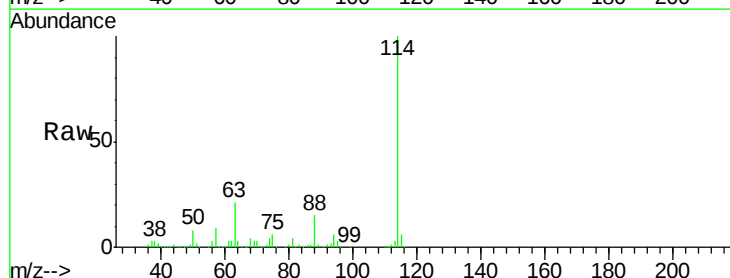
Tgt Ion: 114 Resp: 288355

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.2

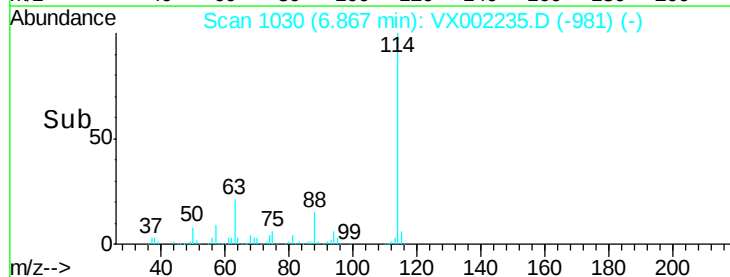
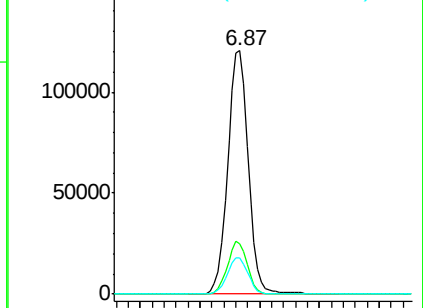
88 14.8 0.0 31.6

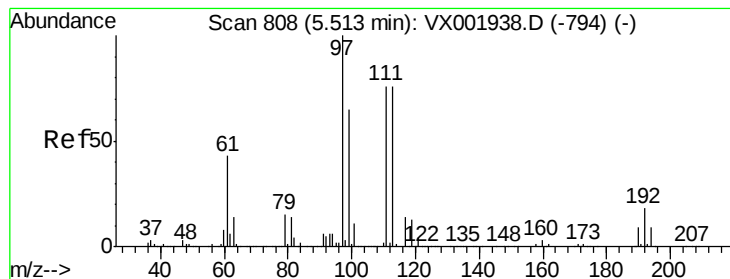


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.27 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

BFB

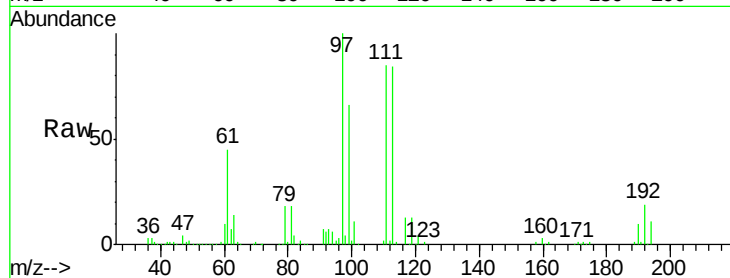
Tot Ion:113 Resp: 144953

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

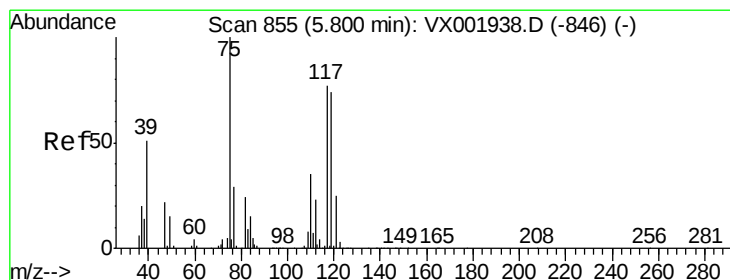
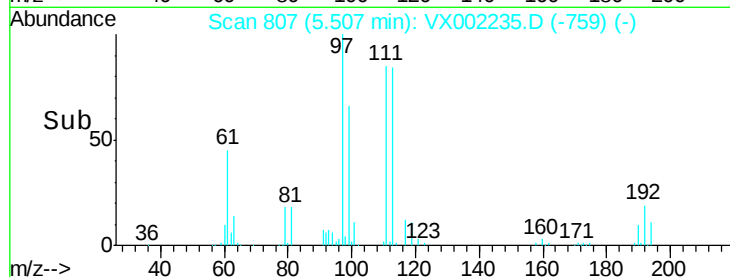
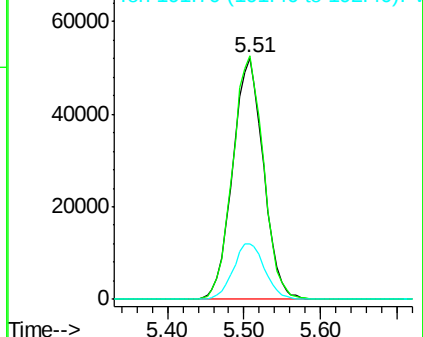
192 23.7 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.66 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

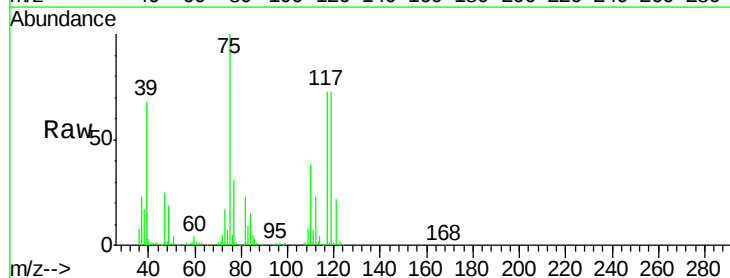
Tgt Ion: 75 Resp: 171108

Ion Ratio Lower Upper

75 100

110 36.7 17.4 52.2

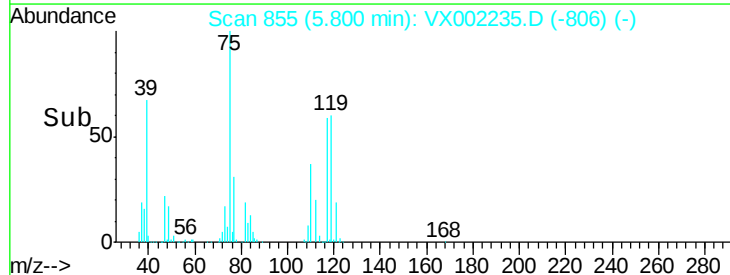
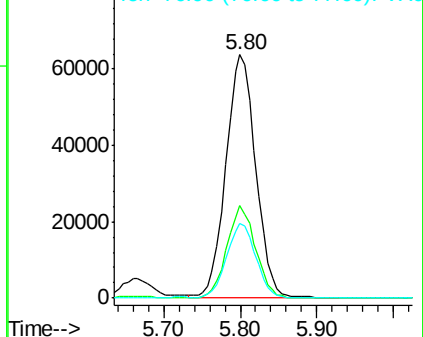
77 30.0 24.4 36.6

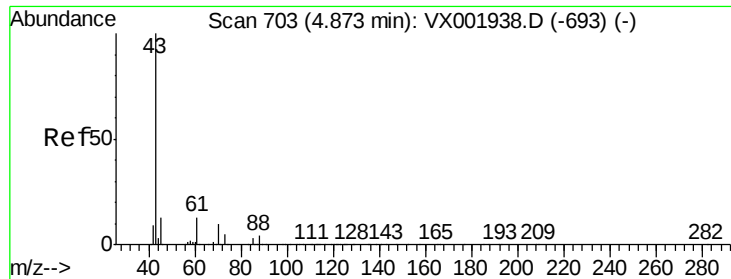


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

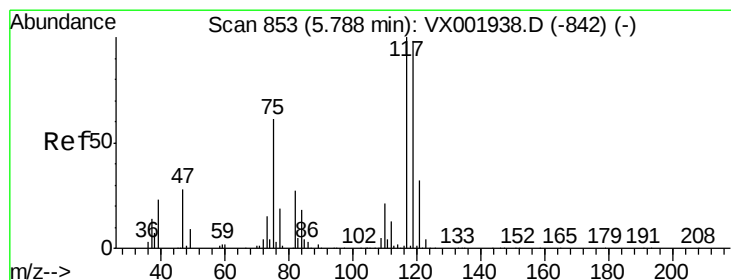
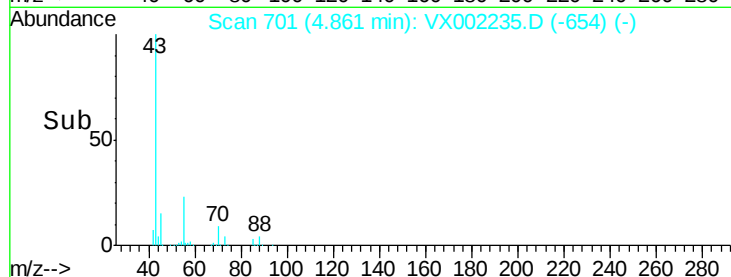
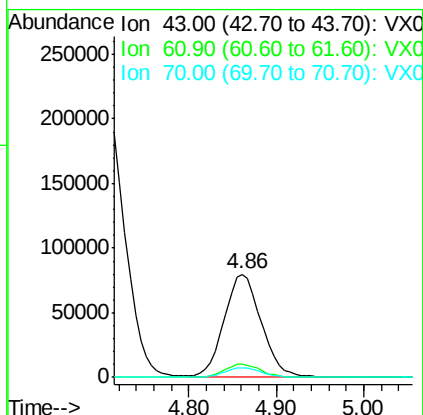
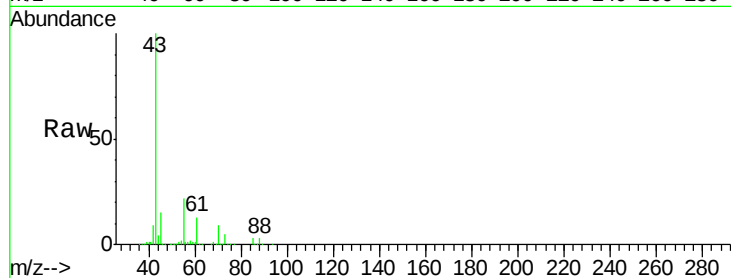




#37
Ethyl Acetate
Concen: 44.69 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

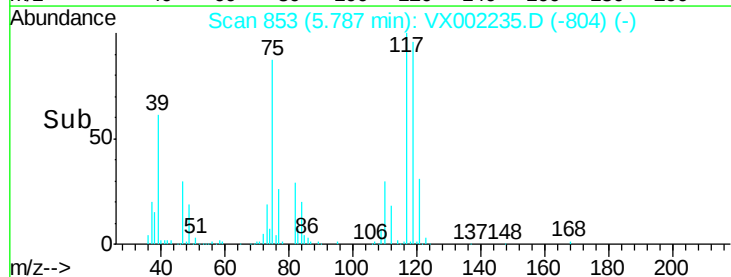
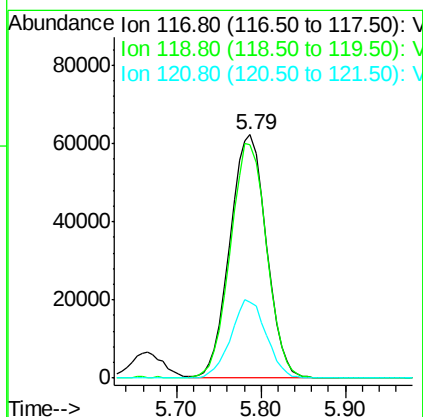
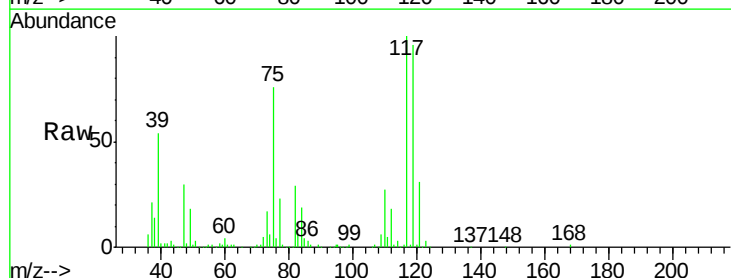
Instrument :
MSVOA_X
ClientSampleId :
BFB

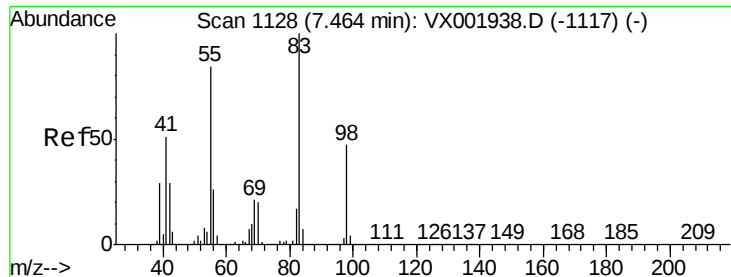
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.2
70	9.6	7.8	11.8



#38
Carbon Tetrachloride
Concen: 39.13 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.5	117.7
121	31.3	25.5	38.3

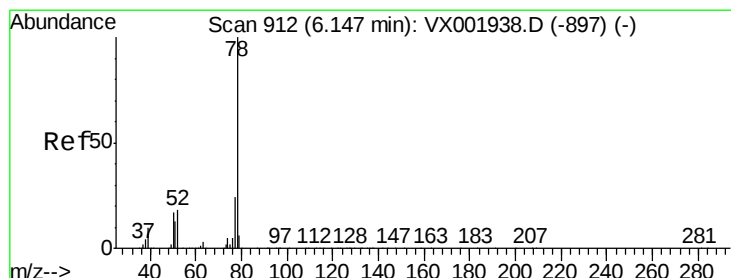
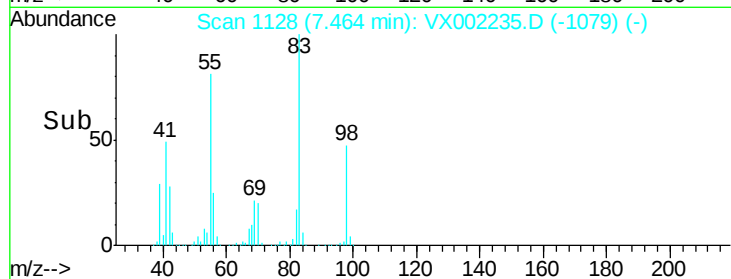
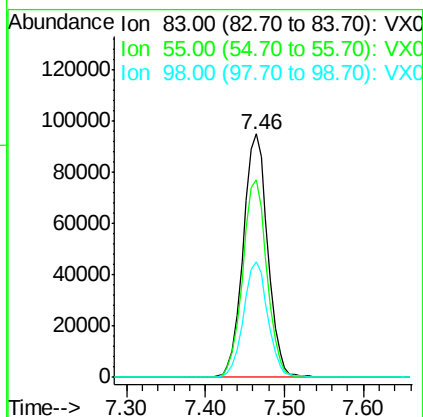
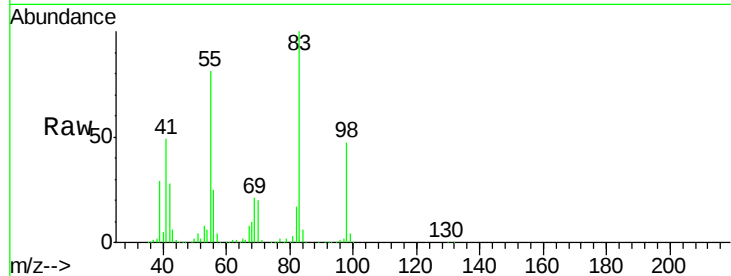




#39
Methvlcvclohexane
Concen: 41.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

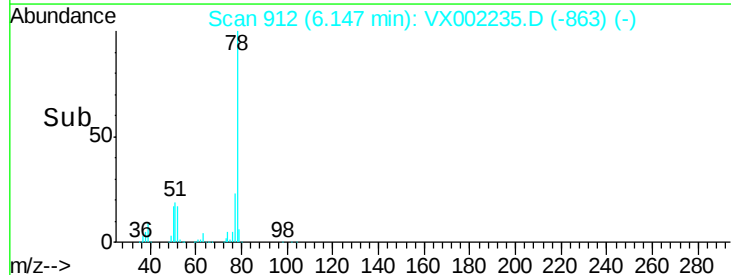
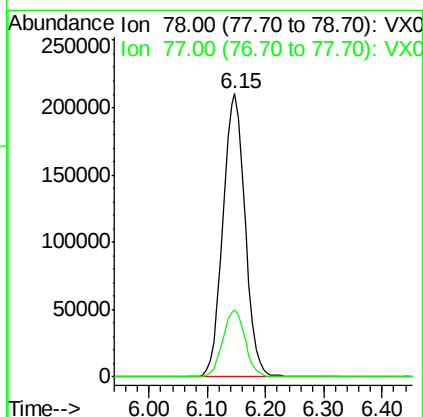
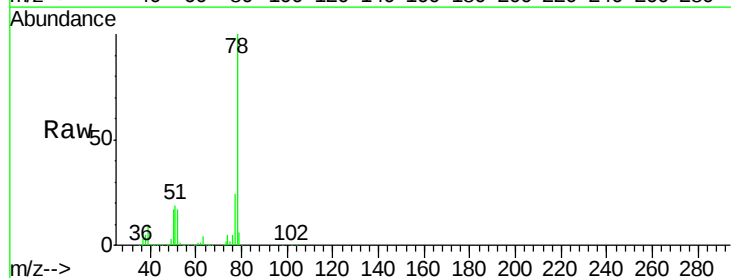
Instrument :
MSVOA_X
ClientSampleId :
BFB

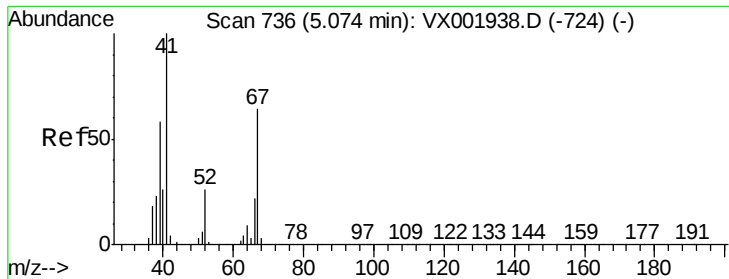
Tot Ion	83.00	Resp	205220
Ion	Ratio	Lower	Upper
83	100		
55	80.8	67.3	100.9
98	47.4	37.5	56.3



#40
Benzene
Concen: 47.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion	78	Resp	556497
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





#41

Methacrylonitrile

Concen: 49.04 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

BFB

Tot Ion: 41 Resp: 135391

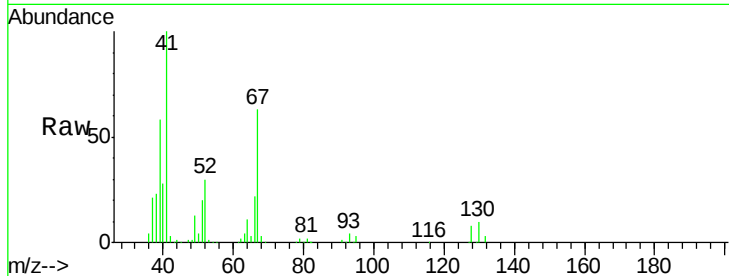
Ion Ratio Lower Upper

41 100

39 57.5 46.0 69.0

67 63.6 50.6 75.8

52 29.4 21.9 32.9



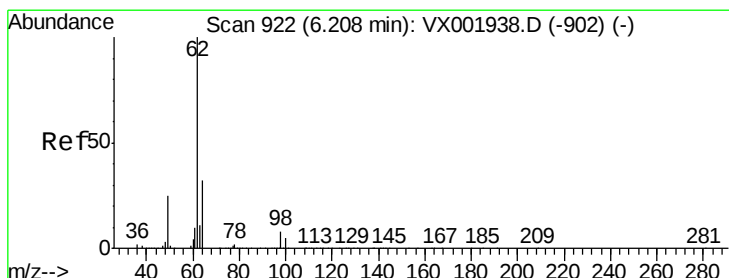
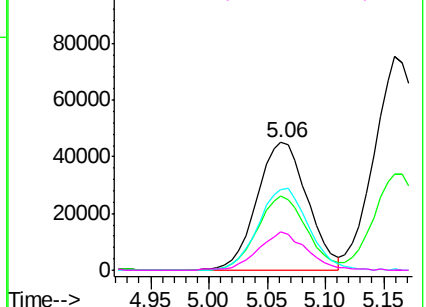
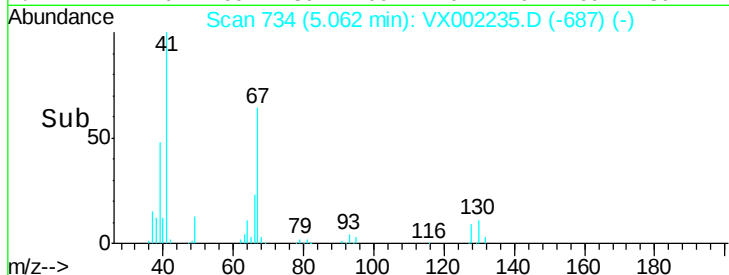
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.37 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002235.D

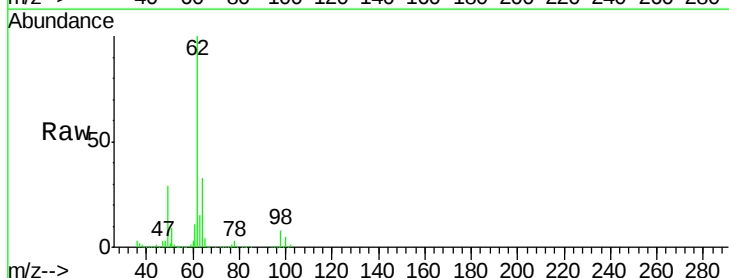
Acq: 02 Jun 2018 11:42

Tgt Ion: 62 Resp: 231711

Ion Ratio Lower Upper

62 100

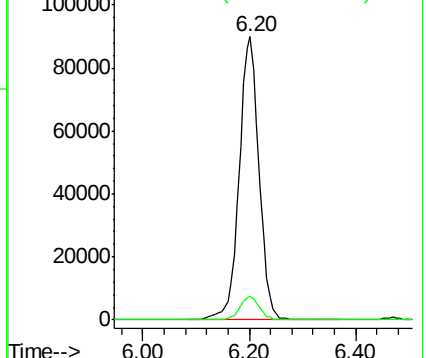
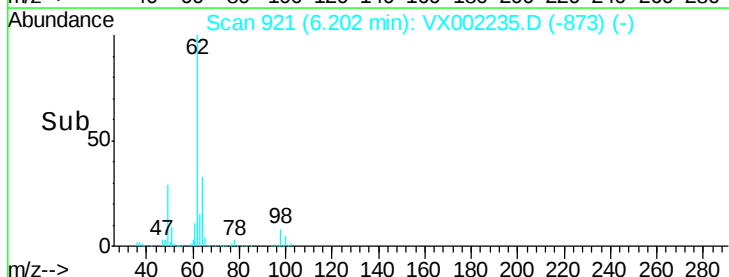
98 8.1 0.0 17.0

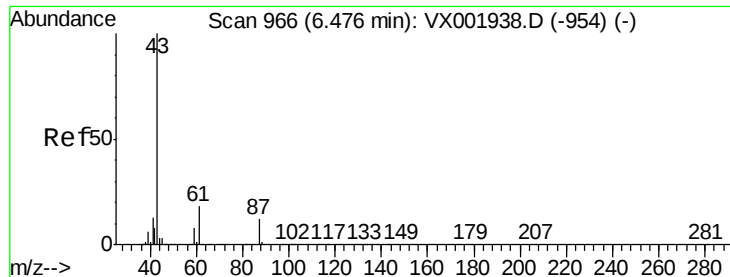


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



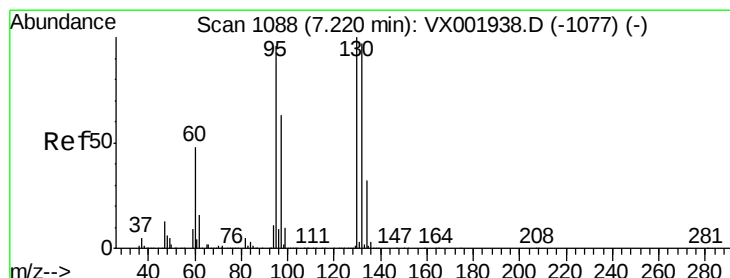
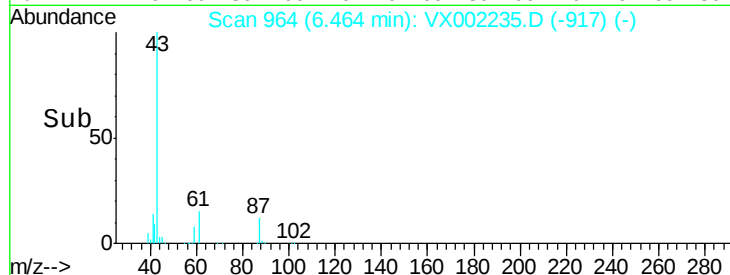
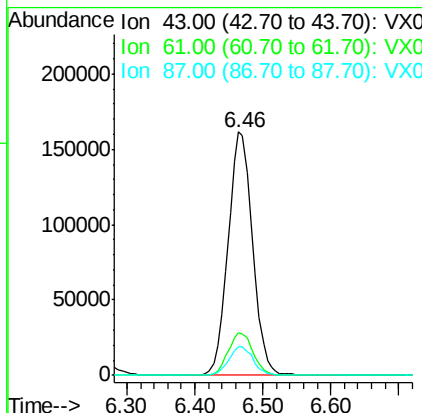
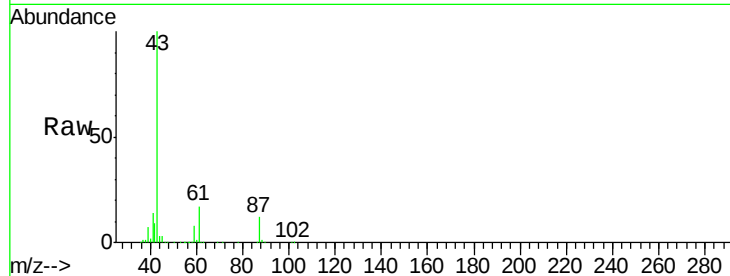


#43

Isopropyl Acetate
 Concen: 46.04 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

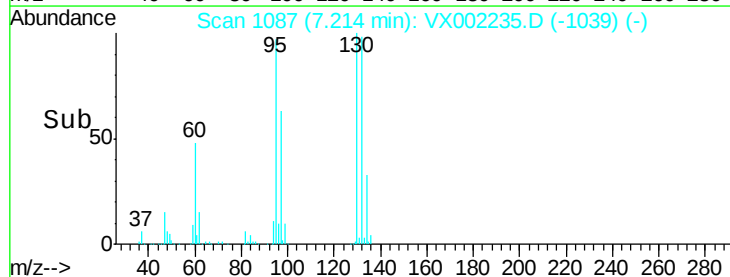
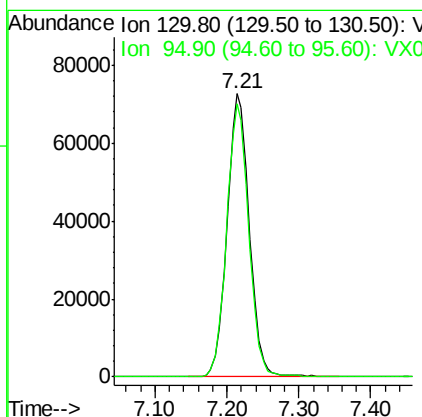
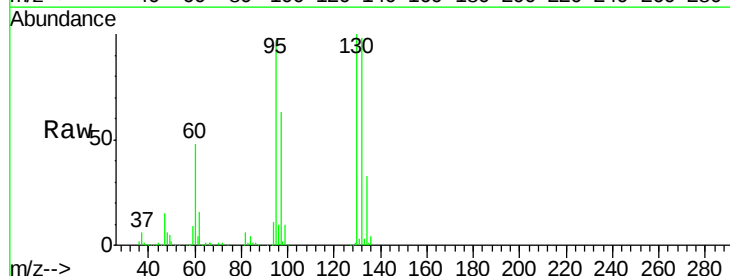
Tot Ion	43	Resp	401112
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.5	21.7
87	11.8	9.5	14.3

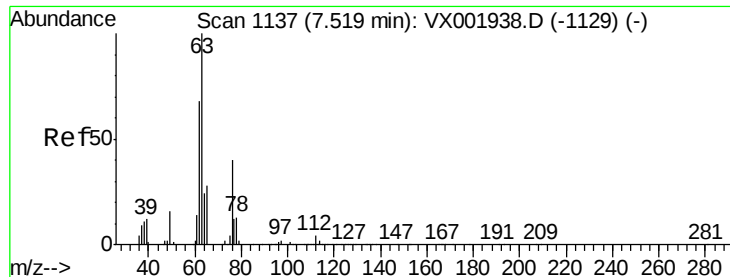


#44

Trichloroethene
 Concen: 45.58 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion	130	Resp	156086
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 48.90 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

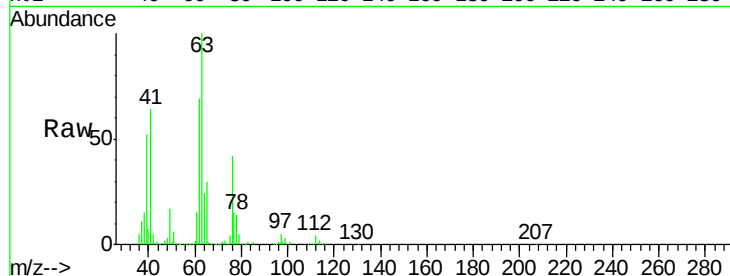
BFB

Tot Ion: 63 Resp: 156048

Ion Ratio Lower Upper

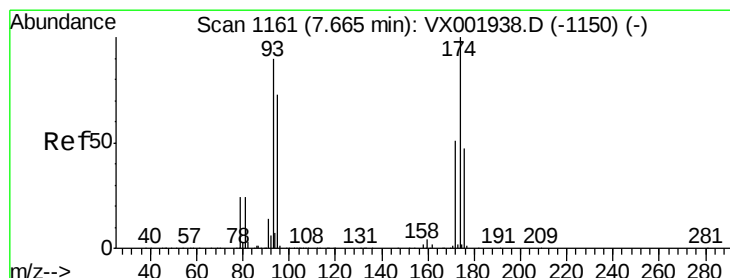
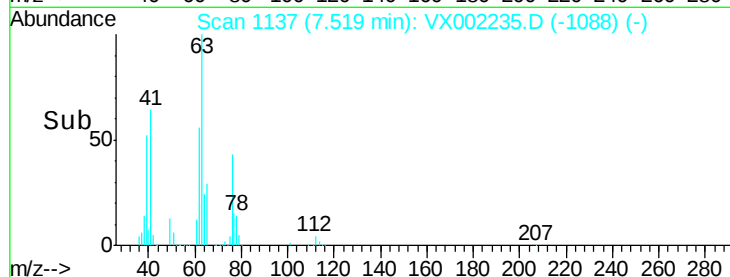
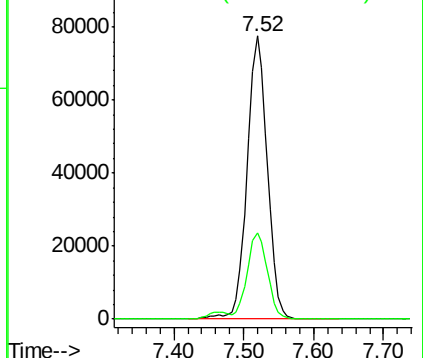
63 100

65 30.4 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.30 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

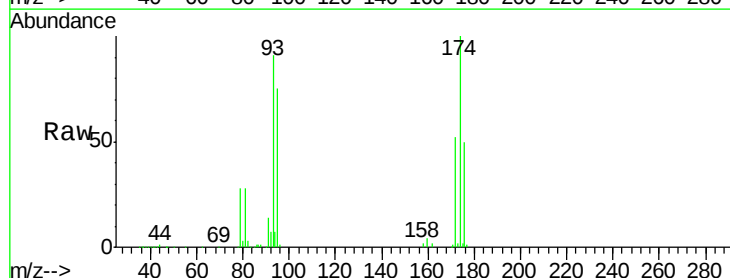
Tgt Ion: 93 Resp: 106274

Ion Ratio Lower Upper

93 100

95 82.5 66.1 99.1

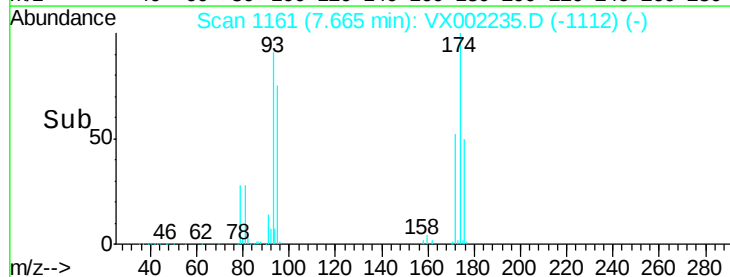
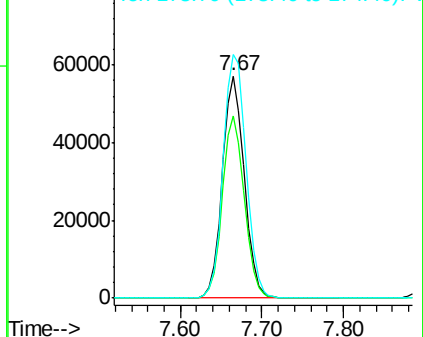
174 114.2 92.5 138.7

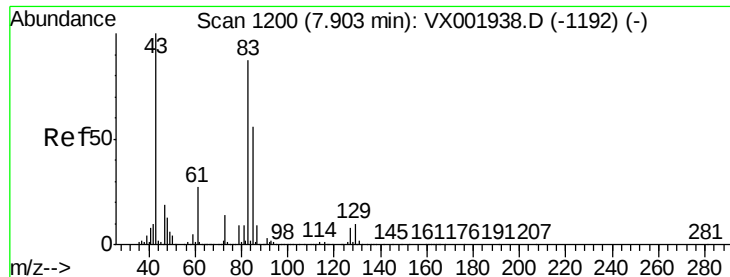


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

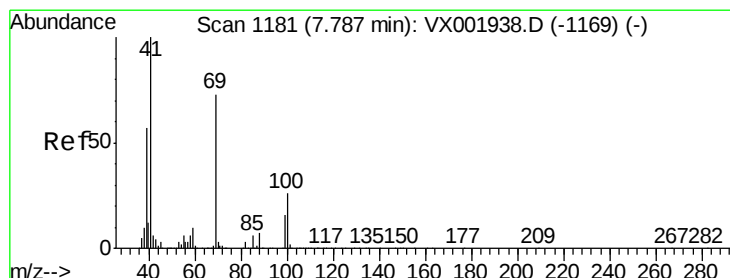
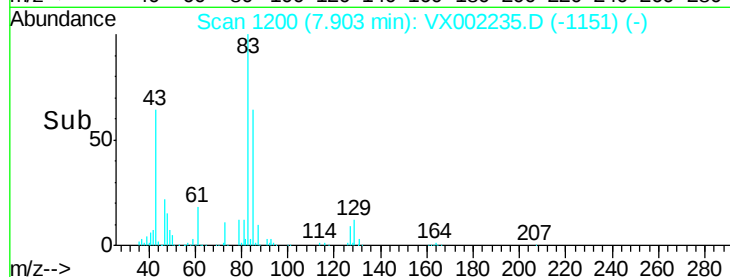
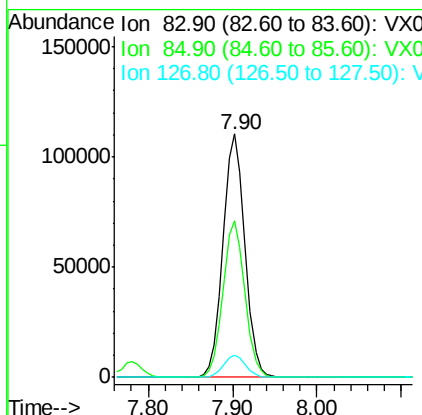
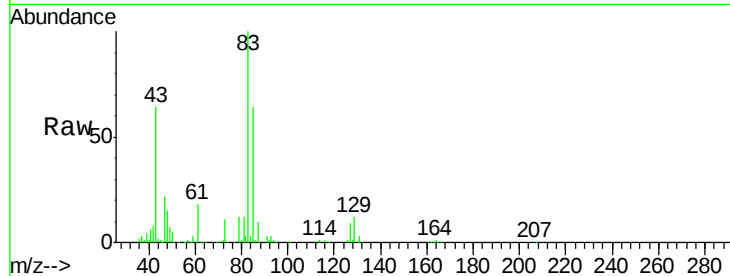




#47
 Bromodichloromethane
 Concen: 43.80 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

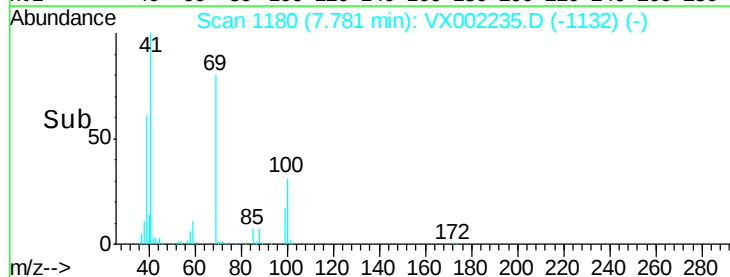
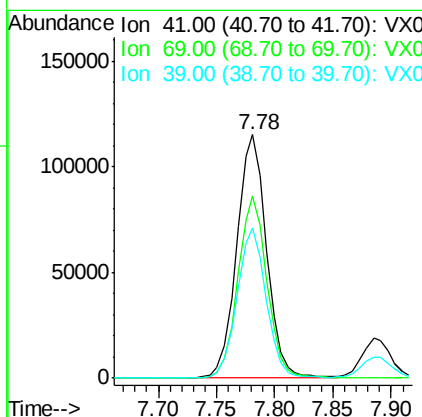
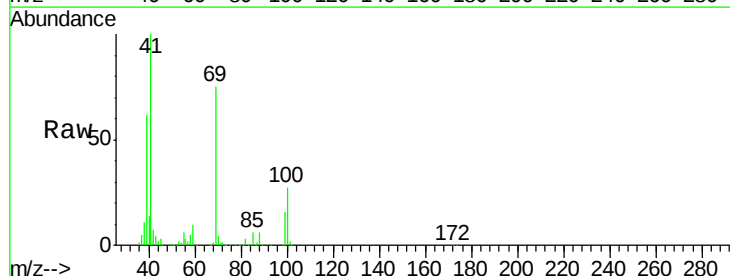
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

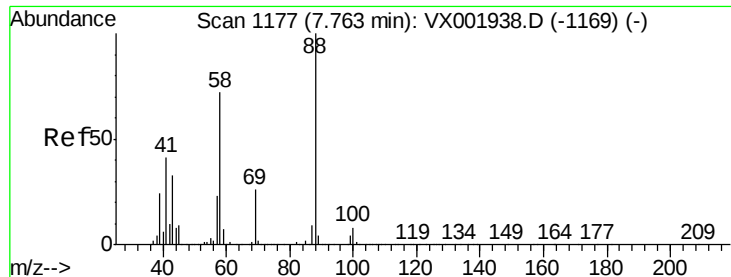
Tot Ion	83	Resp	197304
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2
127	9.1	7.1	10.7



#48
 Methyl methacrylate
 Concen: 46.04 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion	41	Resp	204173
Ion	Ratio	Lower	Upper
41	100		
69	74.0	58.6	87.8
39	60.7	46.3	69.5

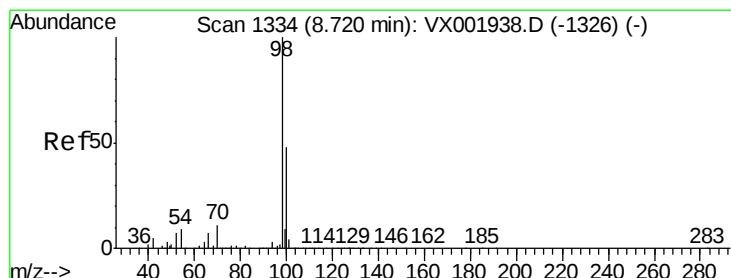
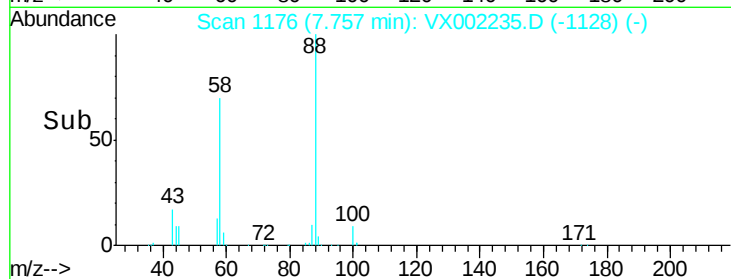
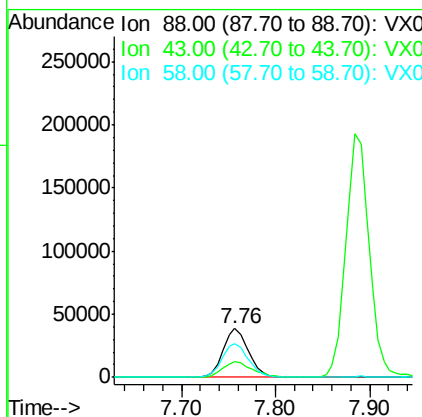
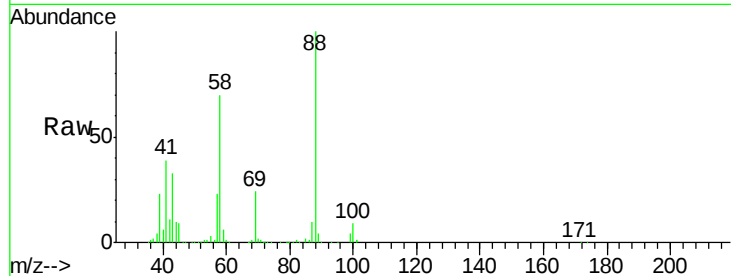




#49
 1,4-Dioxane
 Concen: 928.20 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

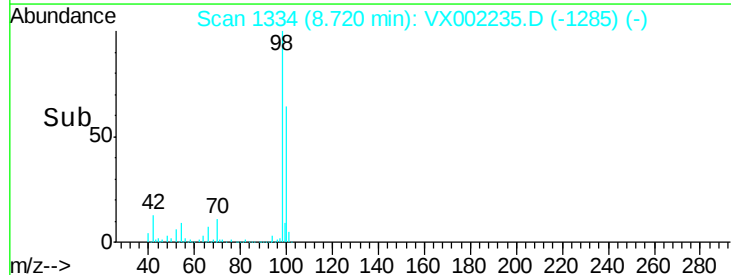
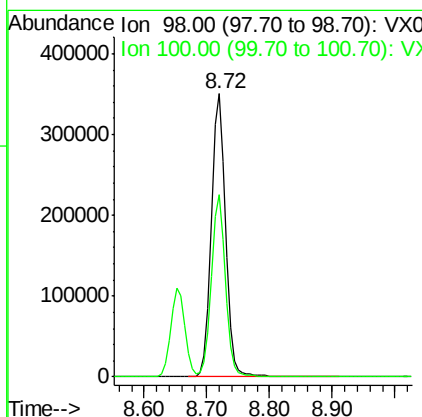
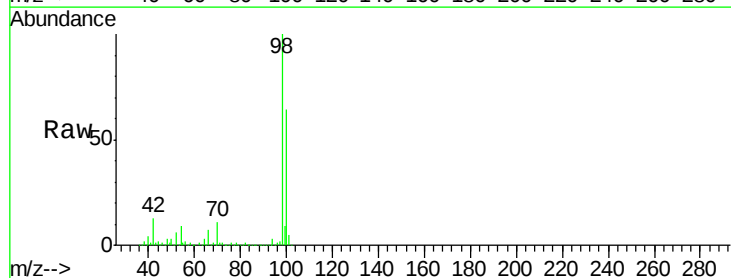
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

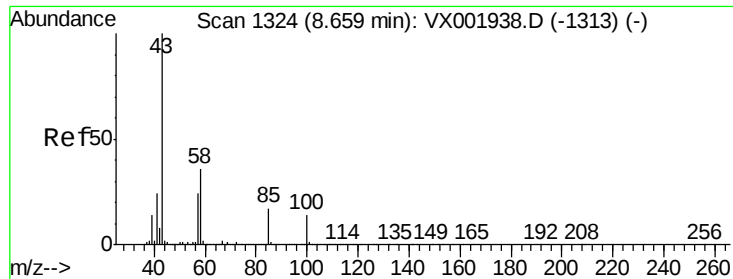
Tot Ion: 88 Resp: 72532
 Ion Ratio Lower Upper
 88 100
 43 37.3 29.8 44.8
 58 72.2 58.7 88.1



#50
 Toluene-d8
 Concen: 52.70 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion: 98 Resp: 550185
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.5 77.3

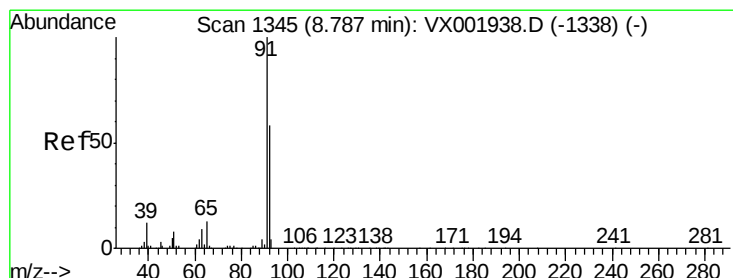
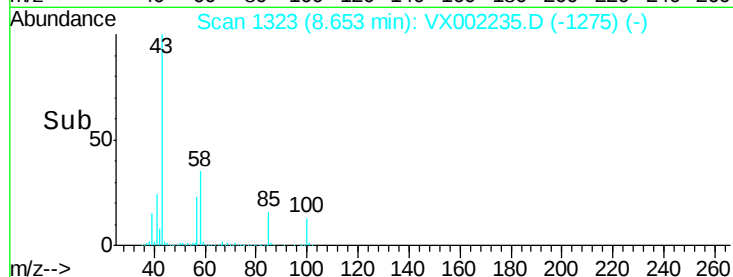
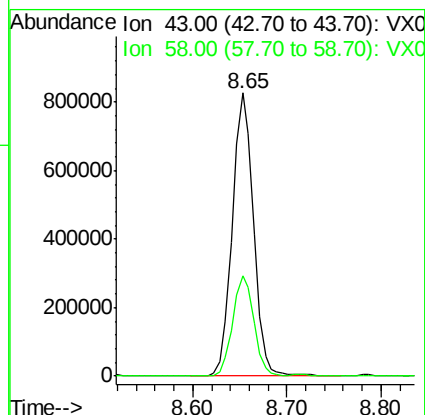
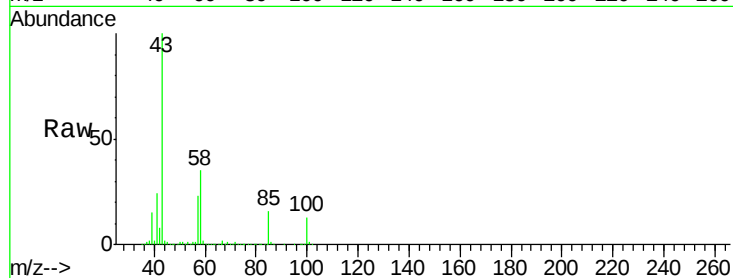




#51
4-Methyl-2-Pentanone
Concen: 245.31 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

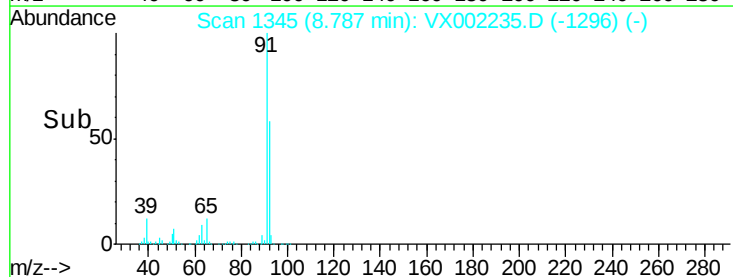
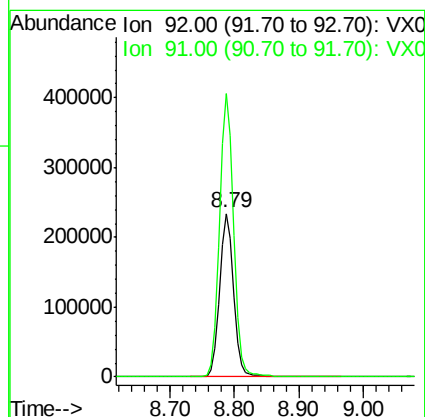
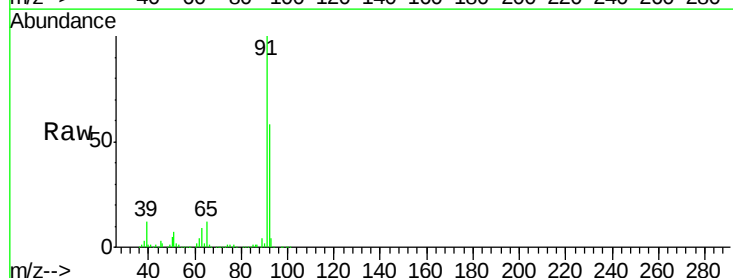
Instrument :
MSVOA_X
ClientSampleId :
BFB

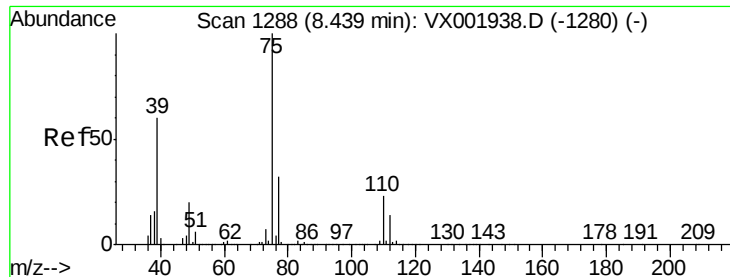
Tot Ion: 43 Resp: 1288435
Ion Ratio Lower Upper
43 100
58 35.4 28.5 42.7



#52
Toluene
Concen: 48.12 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion: 92 Resp: 359875
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 46.87 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

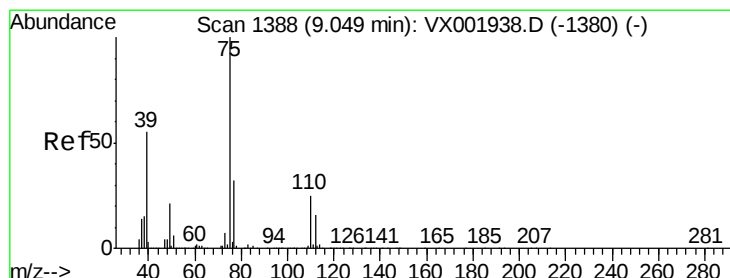
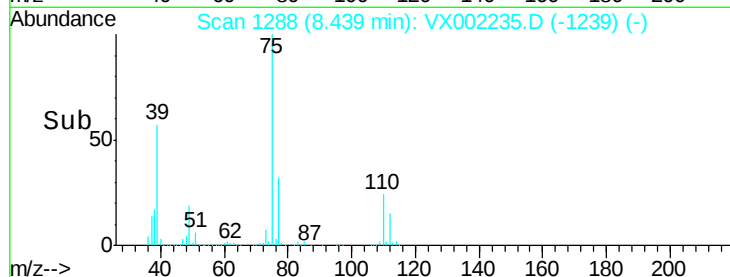
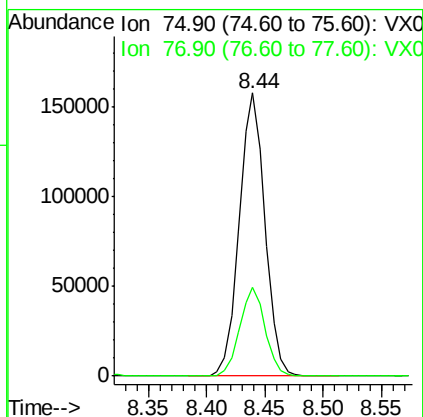
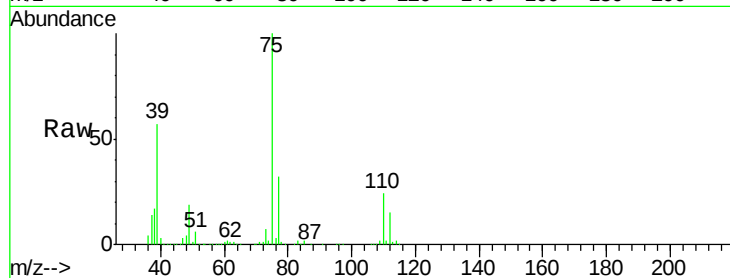
BFB

Tot Ion: 75 Resp: 243210

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 45.99 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

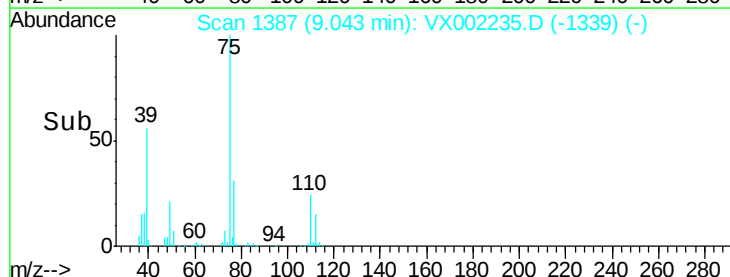
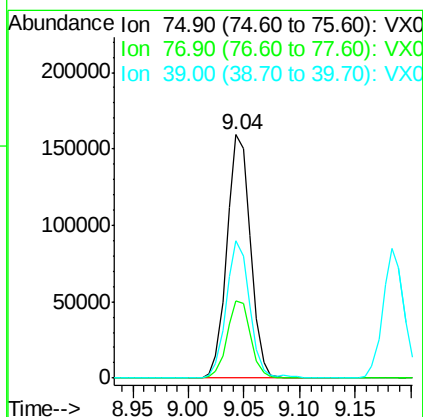
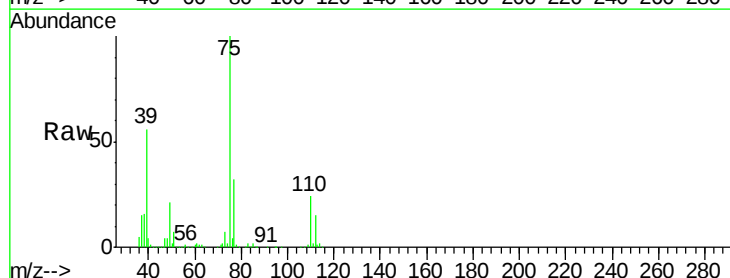
Tgt Ion: 75 Resp: 232529

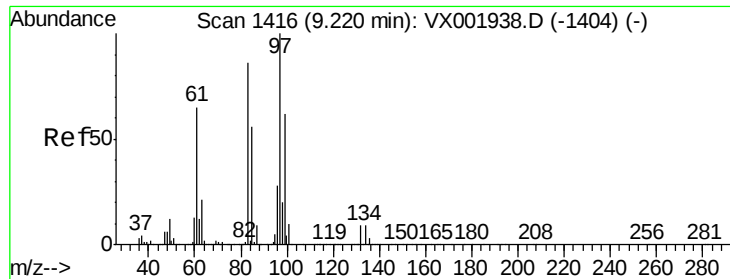
Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.0

39 56.1 44.1 66.1

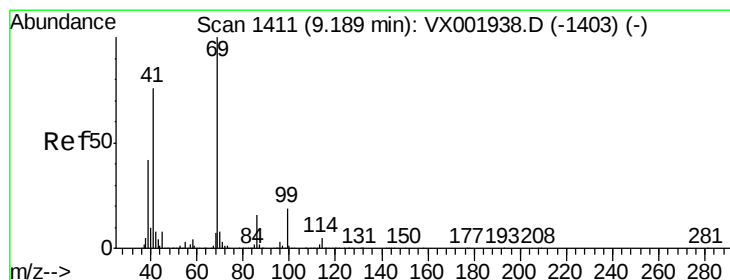
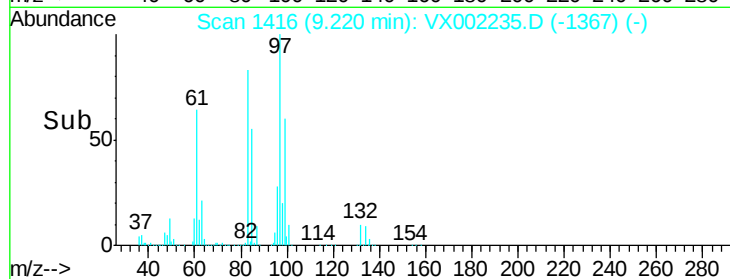
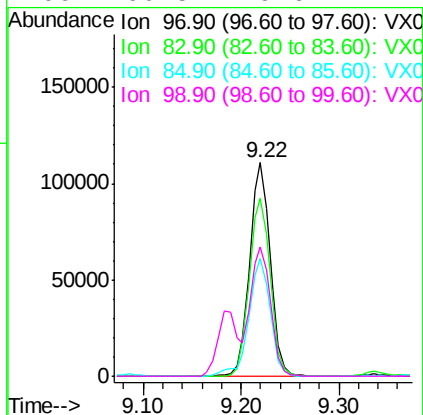
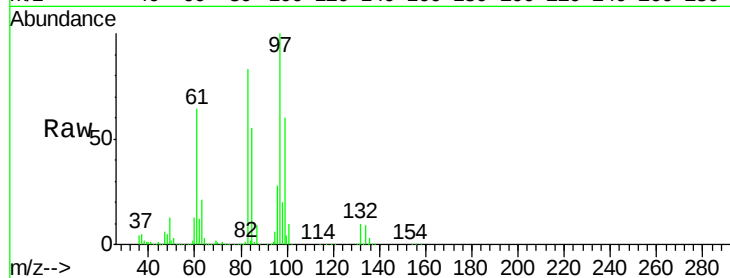




#55
 1,1,2-Trichloroethane
 Concen: 51.65 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

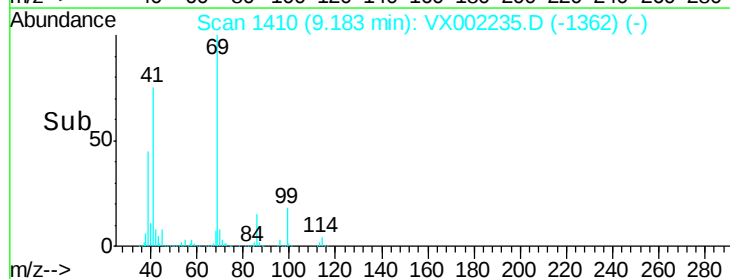
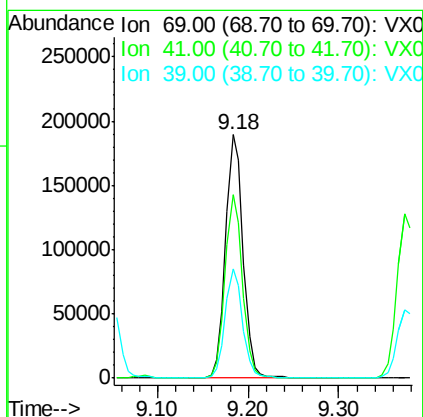
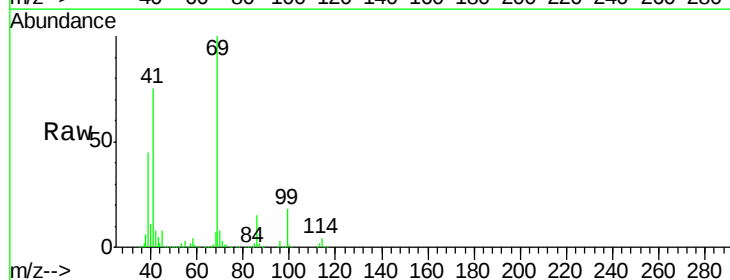
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

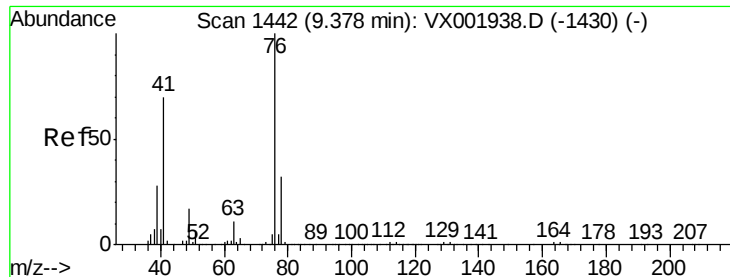
Tot Ion:	97	Resp:	161355
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.1	103.7
85	54.9	45.2	67.8
99	60.5	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 47.47 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion:	69	Resp:	255069
Ion	Ratio	Lower	Upper
69	100		
41	74.8	61.0	91.6
39	44.3	34.4	51.6





#57

1,3-Dichloropropane

Concen: 51.75 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

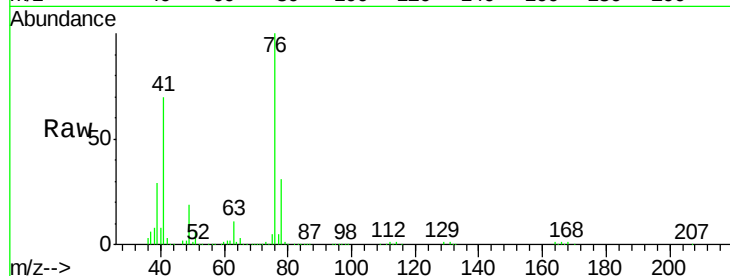
BFB

Tot Ion: 76 Resp: 266335

Ion Ratio Lower Upper

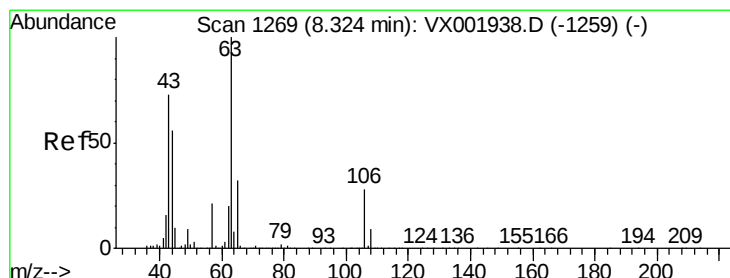
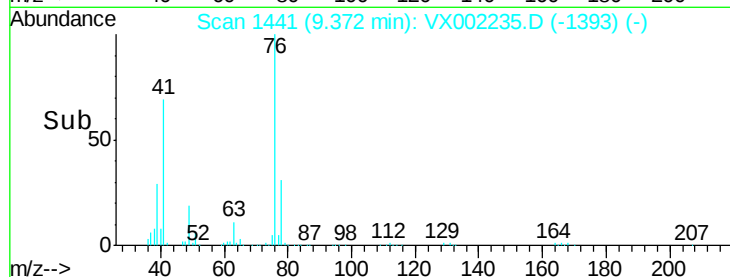
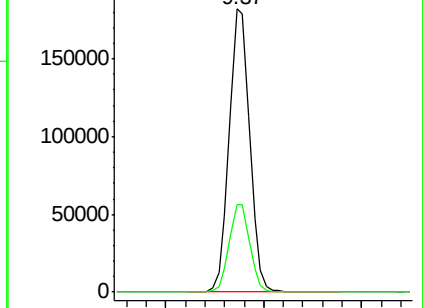
76 100

78 31.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 240.33 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002235.D

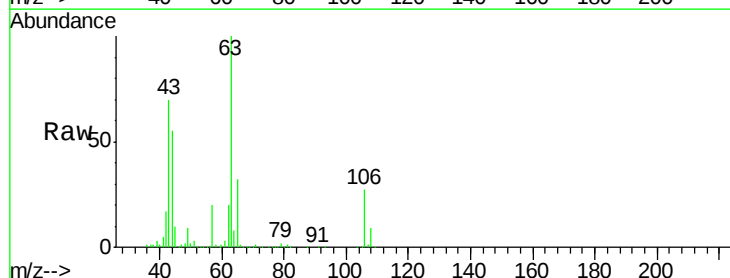
Acq: 02 Jun 2018 11:42

Tgt Ion: 63 Resp: 572369

Ion Ratio Lower Upper

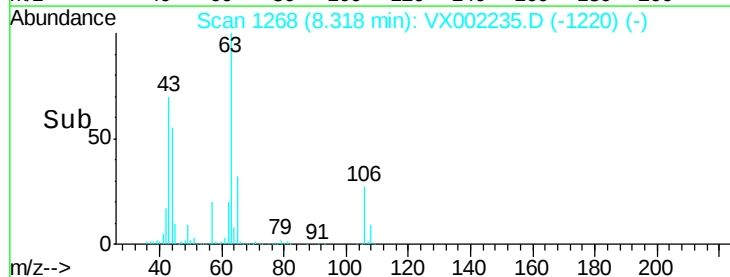
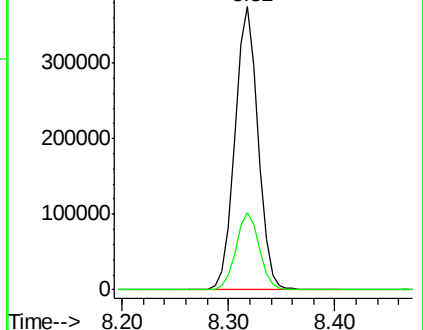
63 100

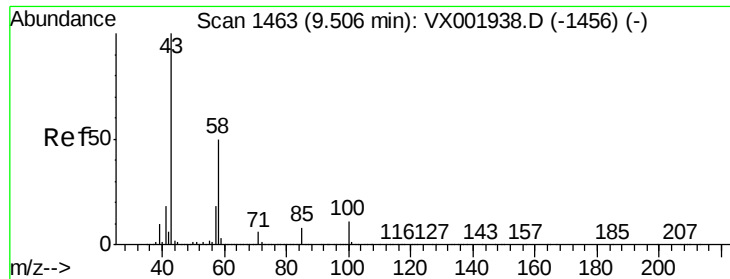
106 27.5 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

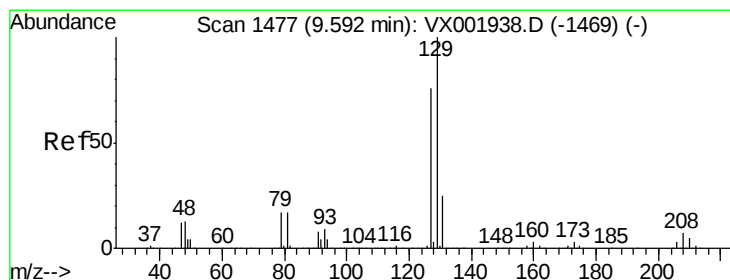
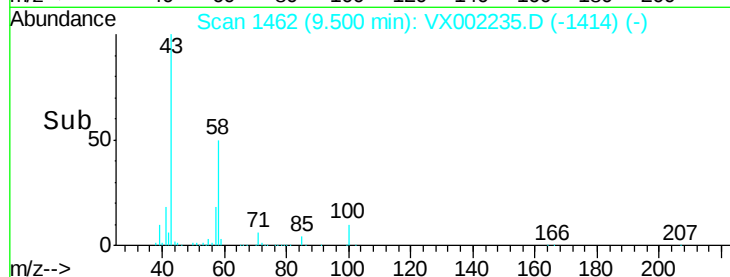
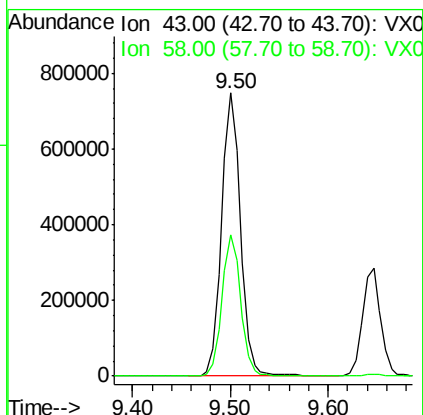
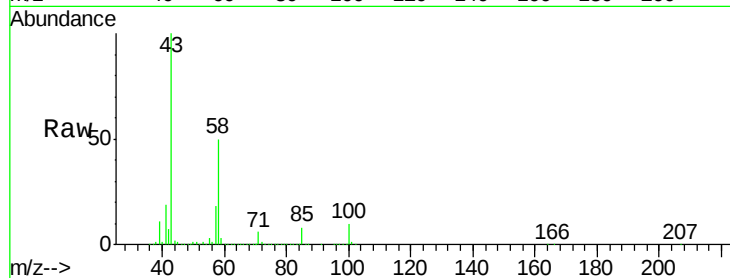




#59
2-Hexanone
Concen: 247.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

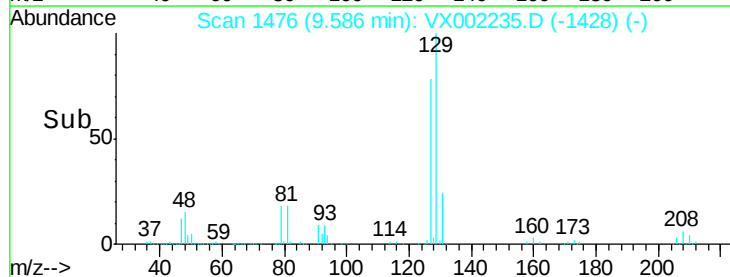
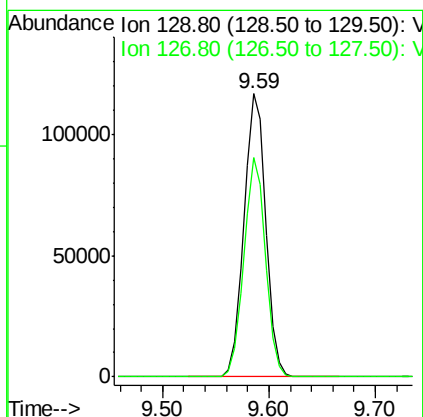
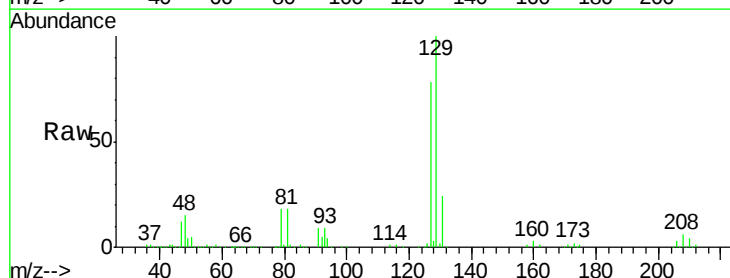
Instrument :
MSVOA_X
ClientSampled :
BFB

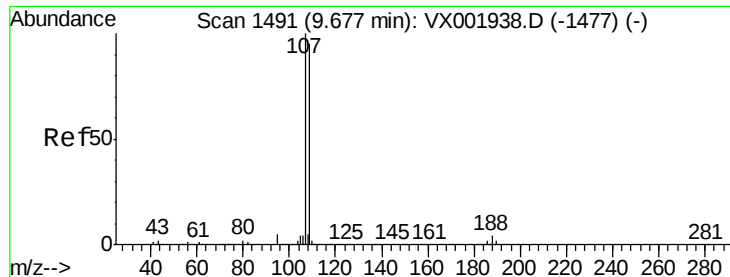
Tot Ion: 43 Resp: 1003389
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 45.42 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion: 129 Resp: 168054
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 51.10 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

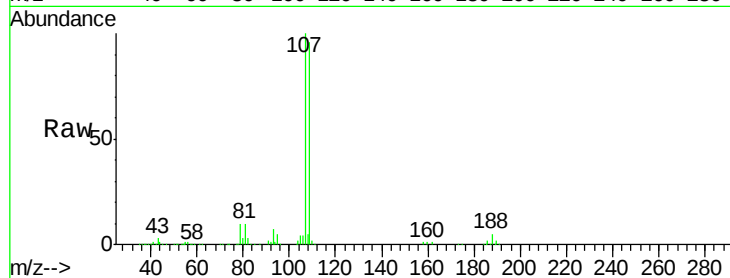
BFB

Tot Ion:107 Resp: 167507

Ion Ratio Lower Upper

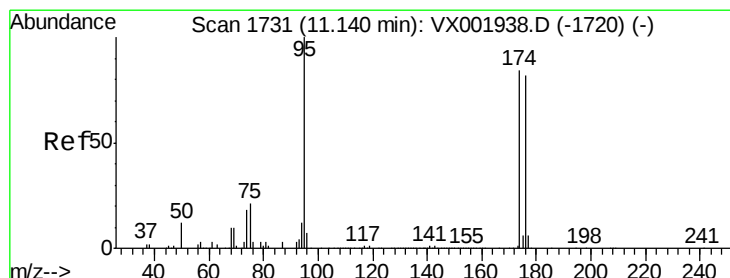
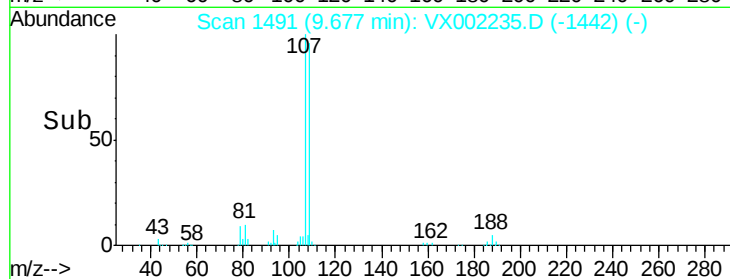
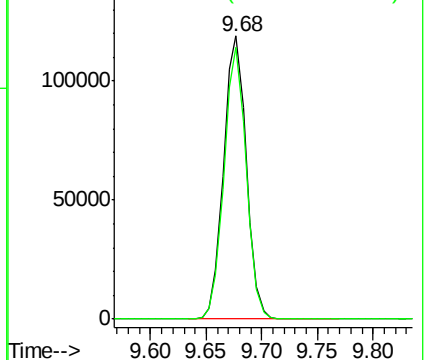
107 100

109 93.8 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

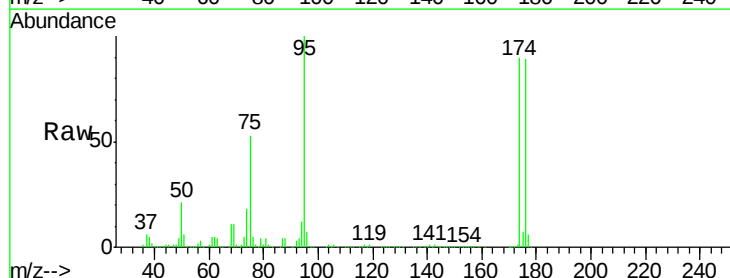
Tgt Ion: 95 Resp: 218849

Ion Ratio Lower Upper

95 100

174 93.8 0.0 178.8

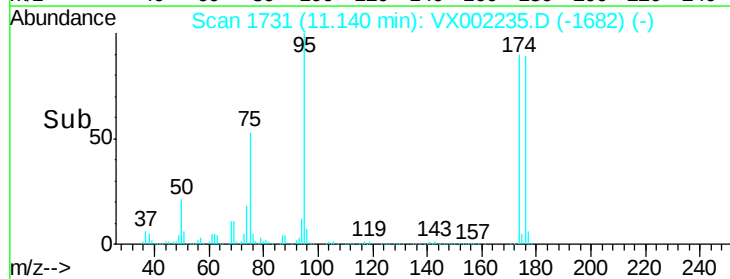
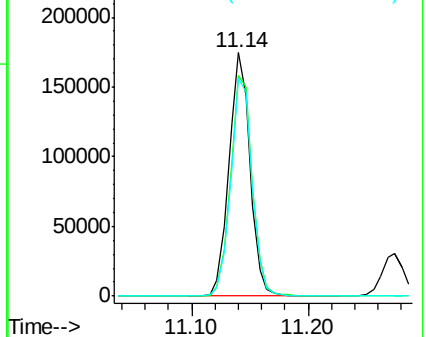
176 91.2 0.0 175.6

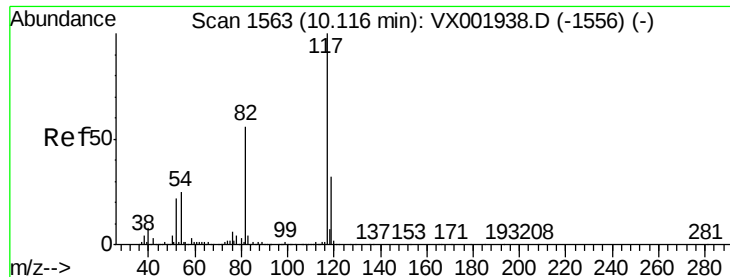


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

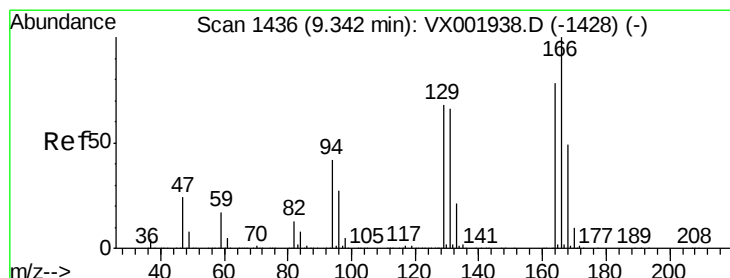
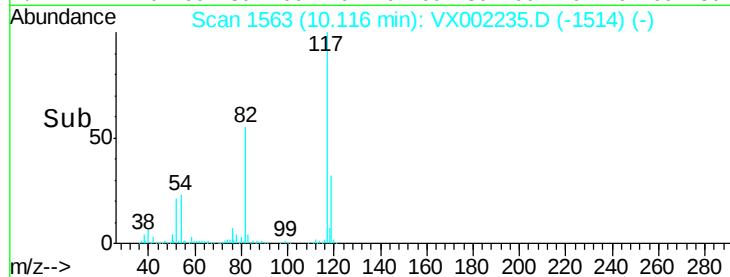
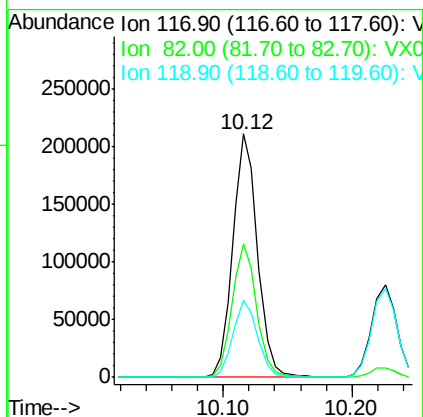
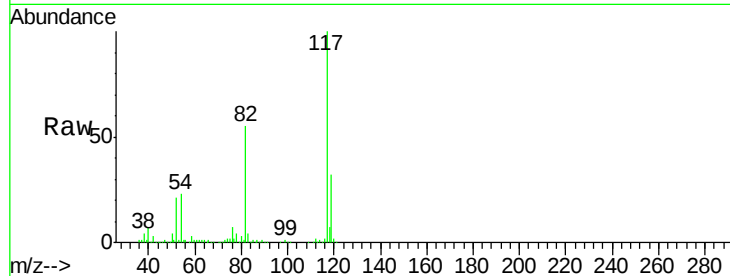




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

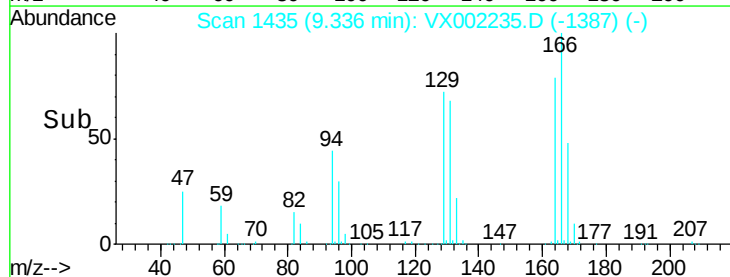
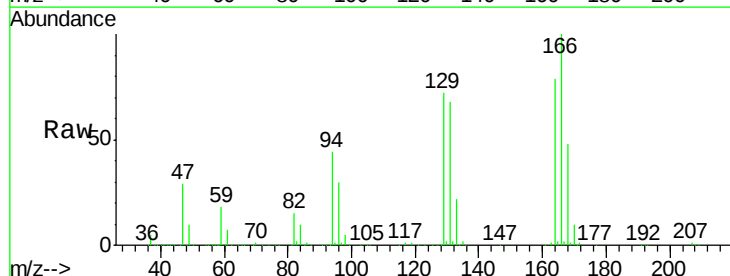
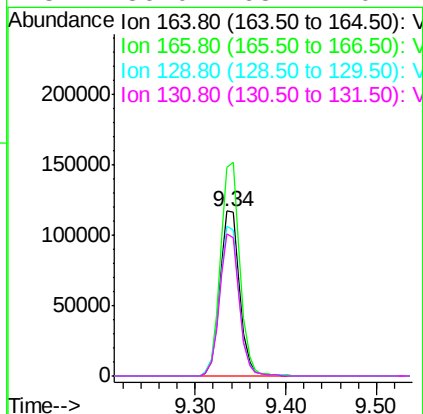
Instrument :
MSVOA_X
ClientSampled :
BFB

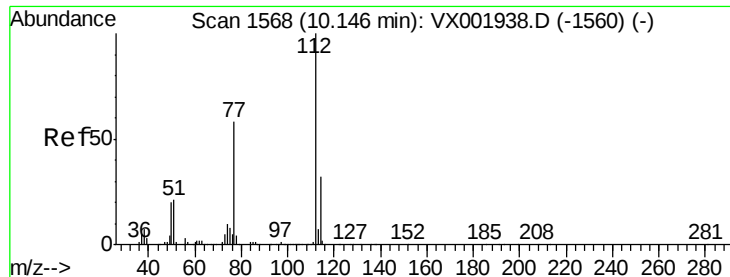
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.8	67.2
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 43.70 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.7	154.1
129	91.3	70.3	105.5
131	86.0	68.2	102.4





#65

Chlorobenzene

Concen: 48.07 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

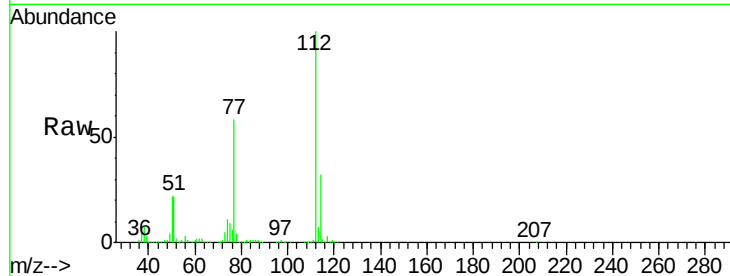
BFB

Tot Ion:112 Resp: 428199

Ion Ratio Lower Upper

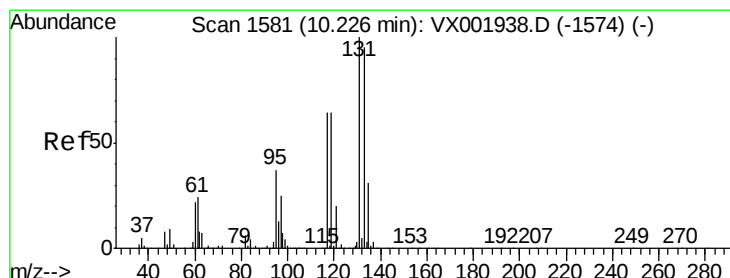
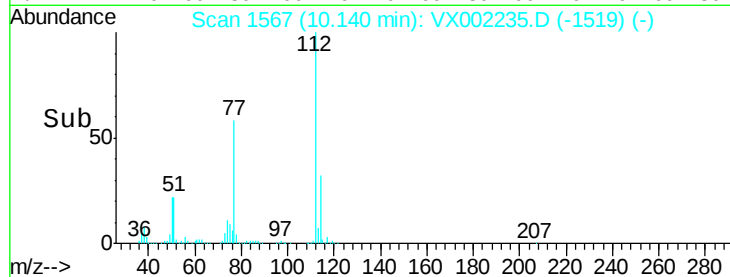
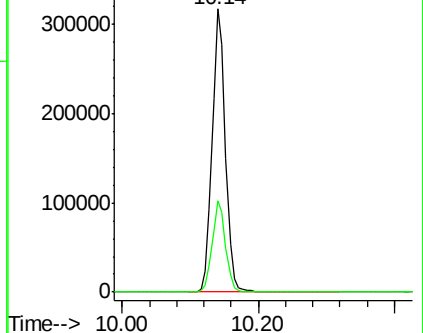
112 100

114 32.1 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.02 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

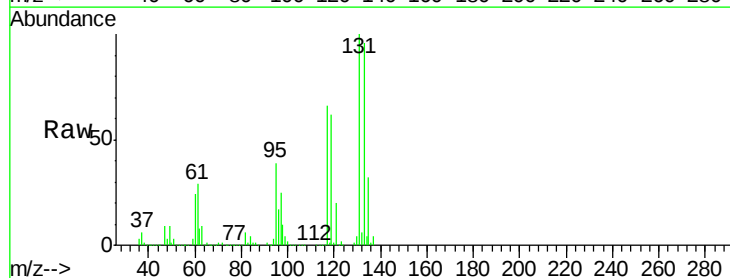
Tgt Ion:131 Resp: 161911

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.0

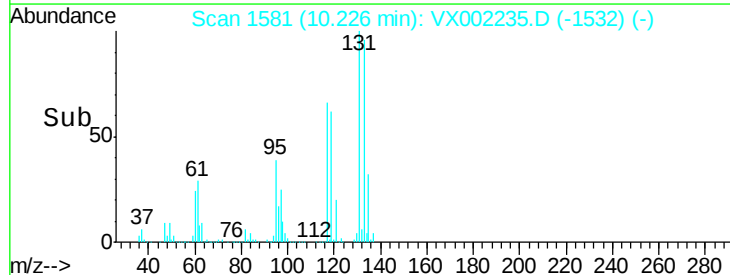
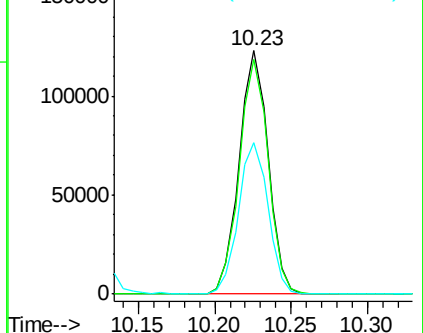
119 63.6 31.9 95.5

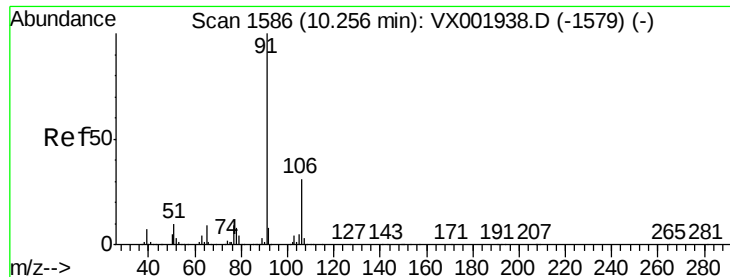


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 46.13 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

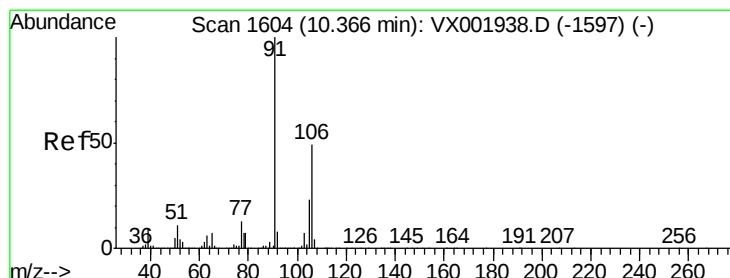
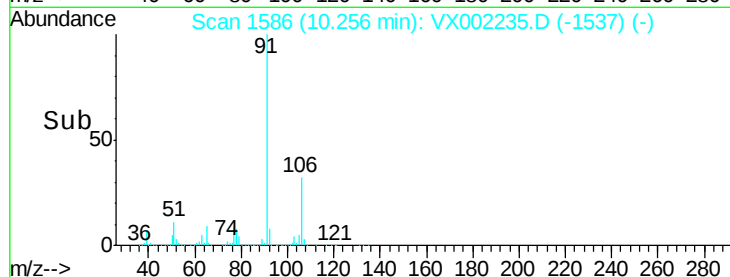
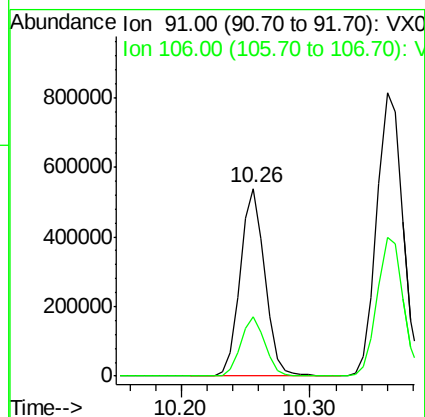
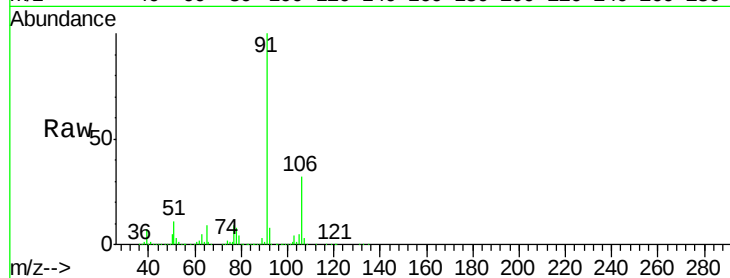
BFB

Tot Ion: 91 Resp: 713967

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 94.47 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002235.D

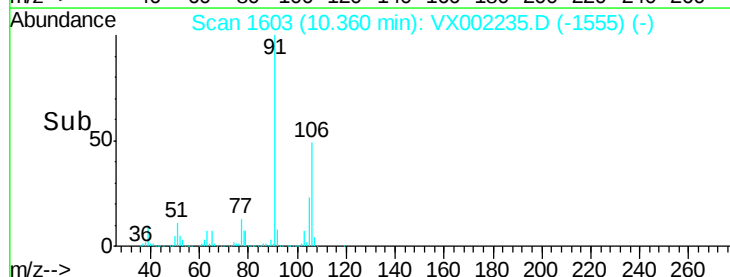
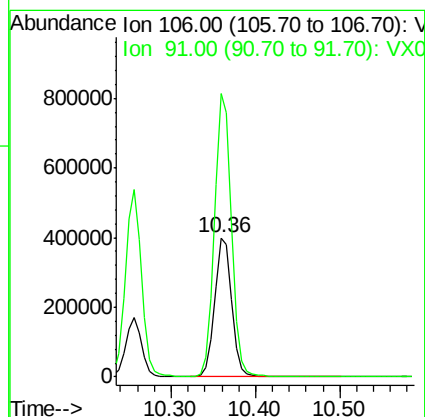
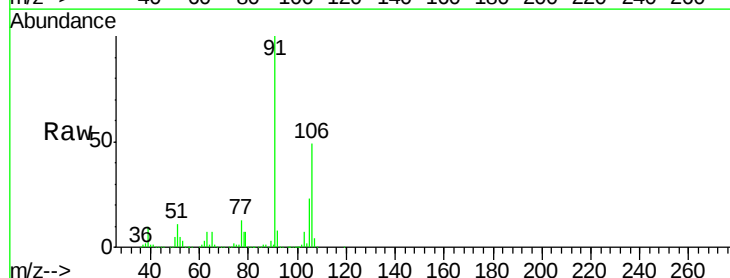
Acq: 02 Jun 2018 11:42

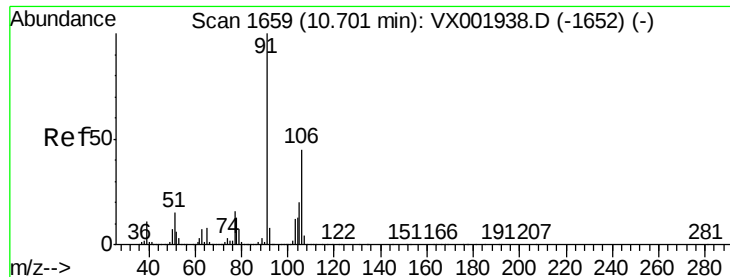
Tgt Ion: 106 Resp: 558846

Ion Ratio Lower Upper

106 100

91 203.6 165.0 247.6

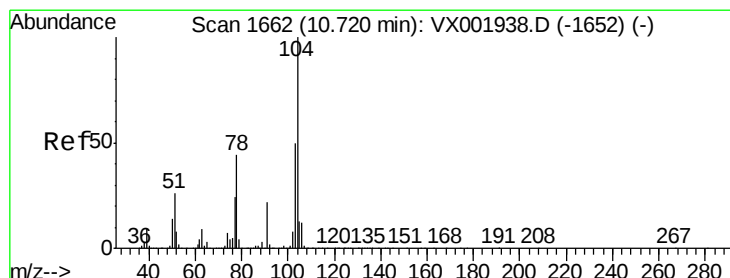
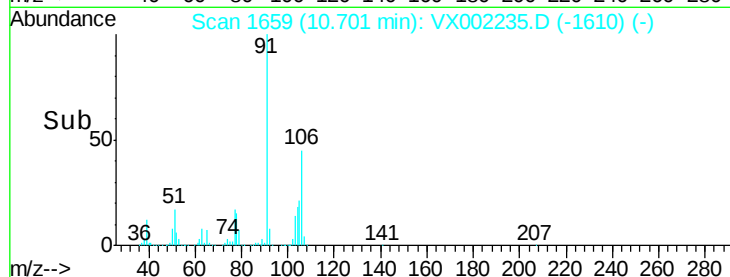
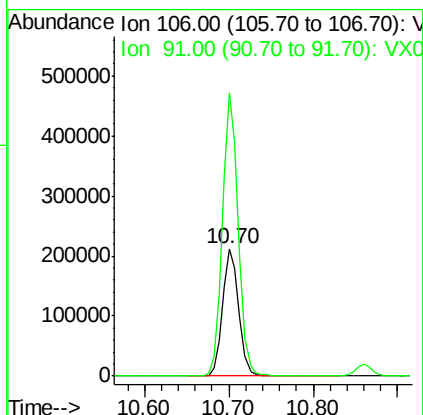
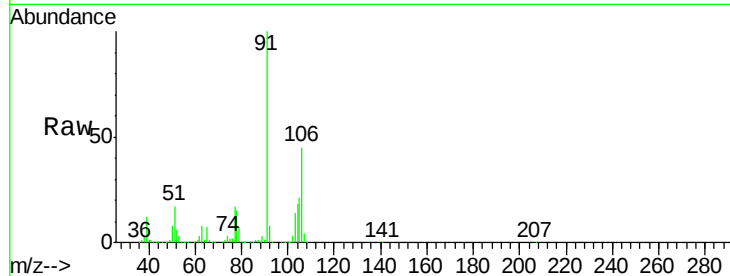




#69
o-Xylene
Concen: 47.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

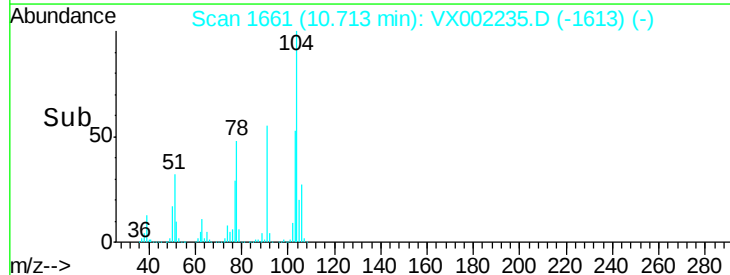
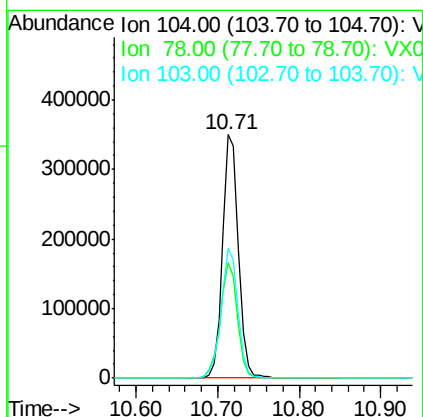
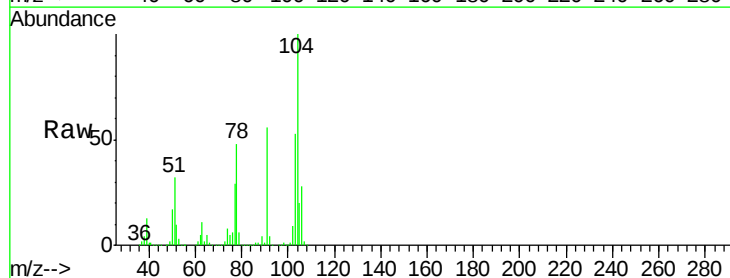
Instrument :
MSVOA_X
ClientSampled :
BFB

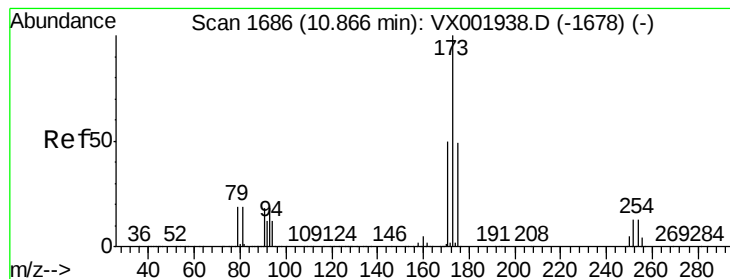
Tot Ion:106 Resp: 279305
Ion Ratio Lower Upper
106 100
91 216.9 108.7 325.9



#70
Styrene
Concen: 48.14 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion:104 Resp: 471547
Ion Ratio Lower Upper
104 100
78 51.8 41.8 62.6
103 56.5 44.6 67.0





#71

Bromoform

Concen: 39.31 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

BFB

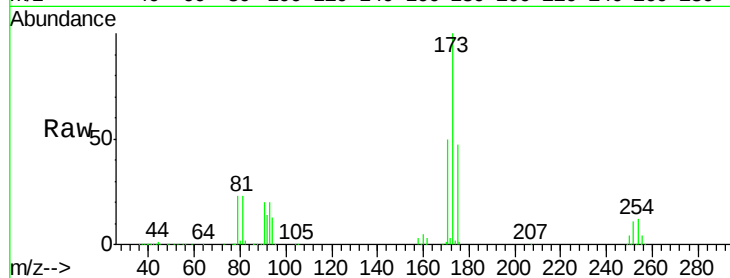
Tot Ion:173 Resp: 134082

Ion Ratio Lower Upper

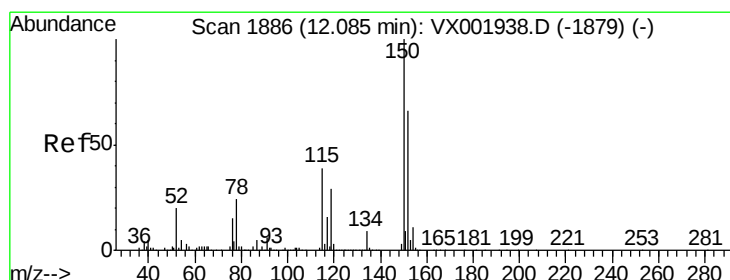
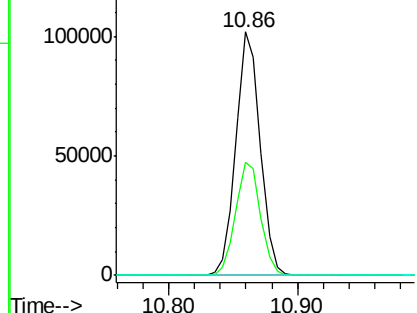
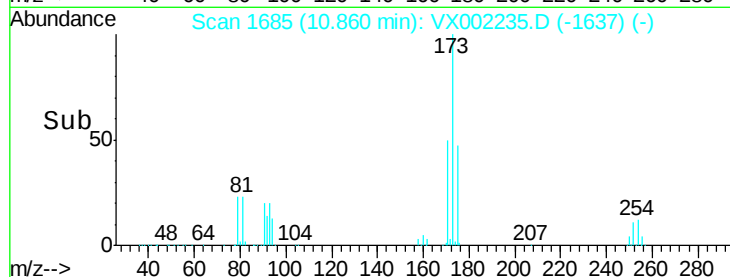
173 100

175 47.8 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

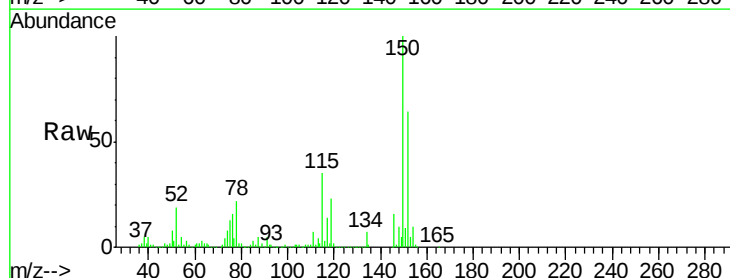
Tgt Ion:152 Resp: 197370

Ion Ratio Lower Upper

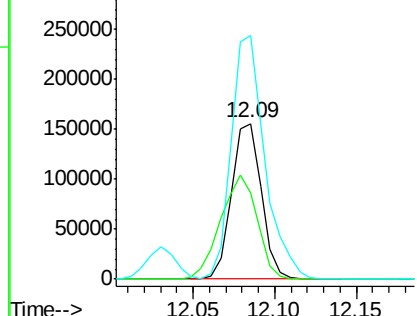
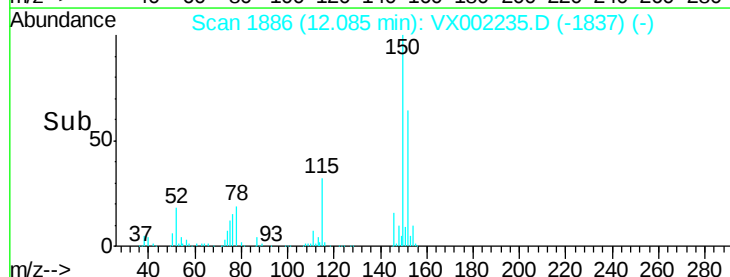
152 100

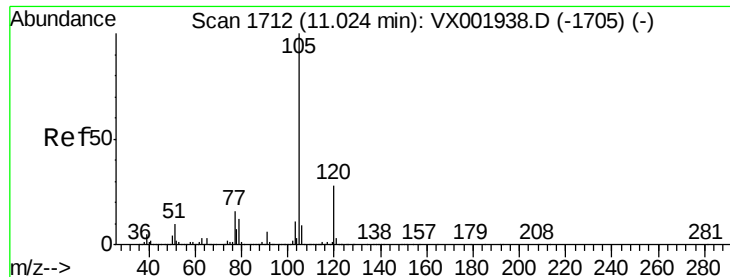
115 82.4 42.3 126.8

150 176.3 0.0 351.0



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





#73

Isopropylbenzene

Concen: 44.02 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

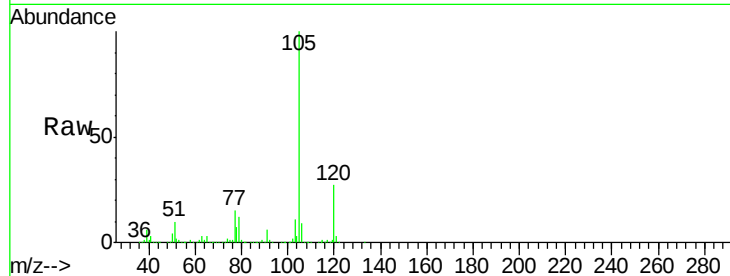
BFB

Tot Ion:105 Resp: 735665

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

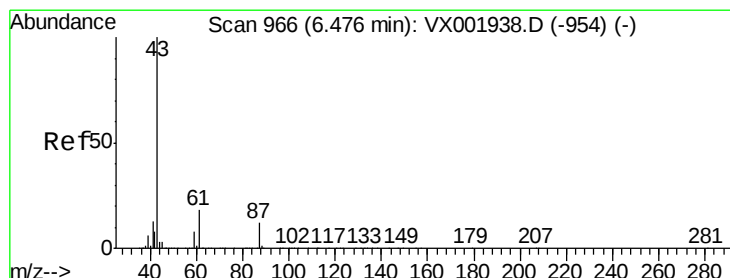
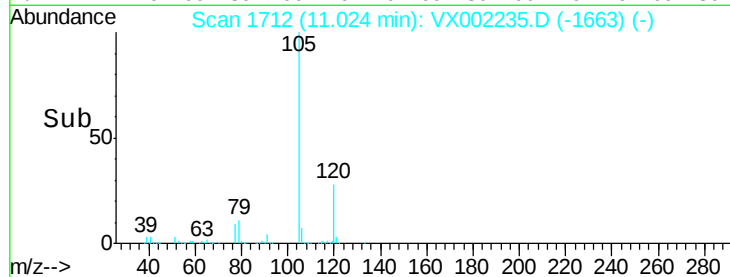
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 46.01 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Tgt Ion: 43 Resp: 401112

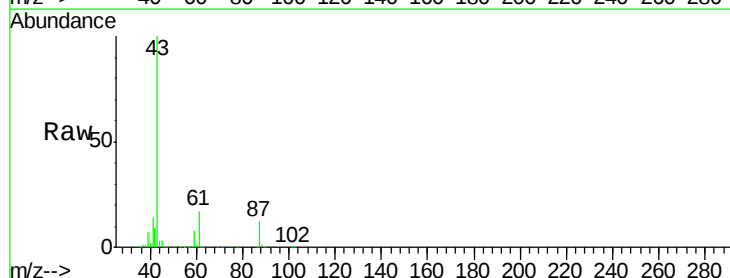
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.8 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

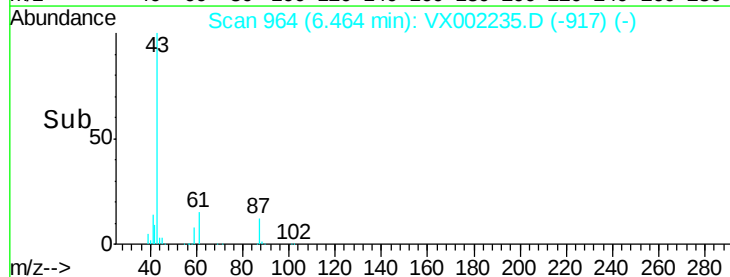
150000

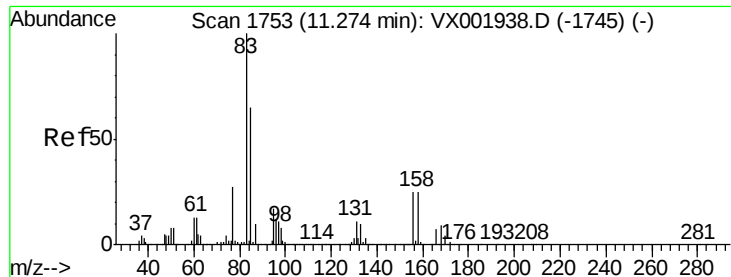
100000

50000

0

Time--> 6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 51.82 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

BFB

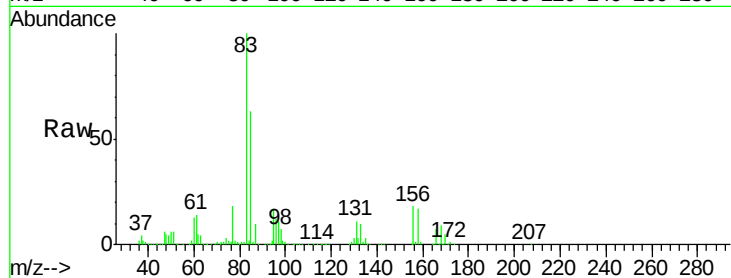
Tot Ion: 83 Resp: 236646

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

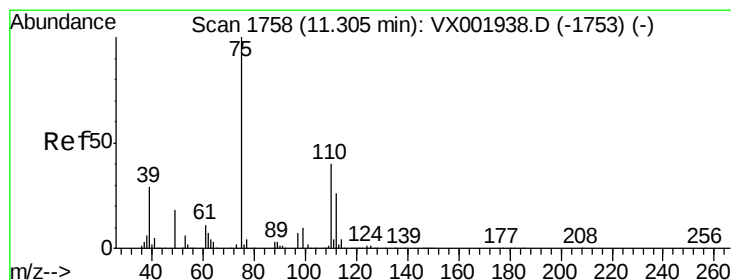
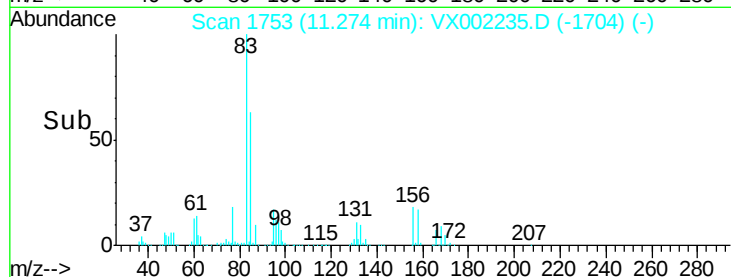
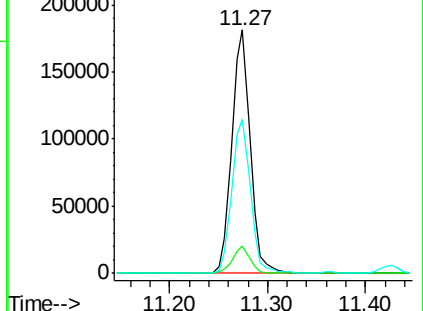
85 64.1 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.00 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002235.D

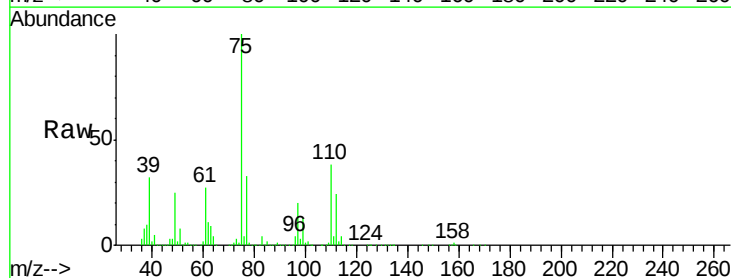
Acq: 02 Jun 2018 11:42

Tgt Ion: 75 Resp: 293905

Ion Ratio Lower Upper

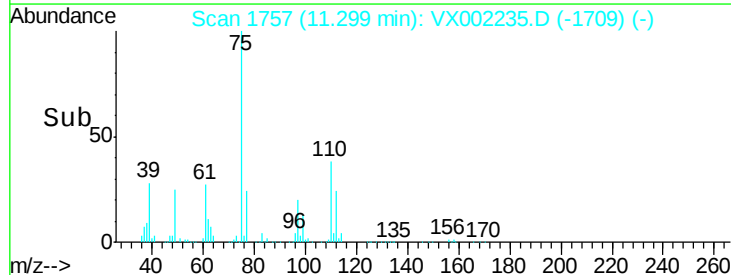
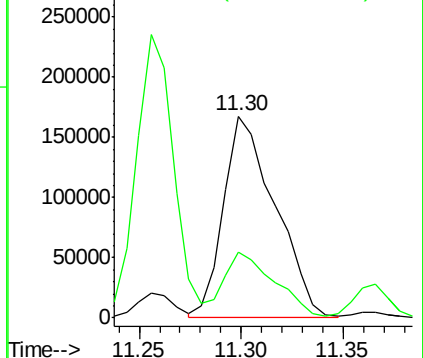
75 100

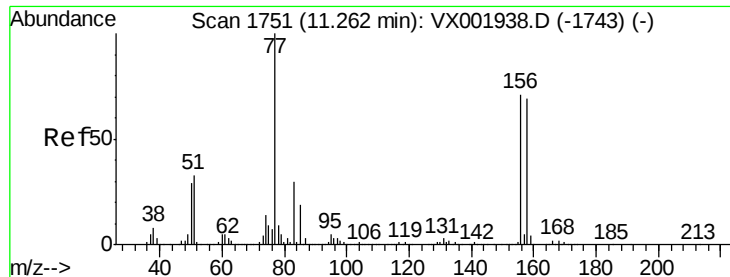
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.19 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

BFB

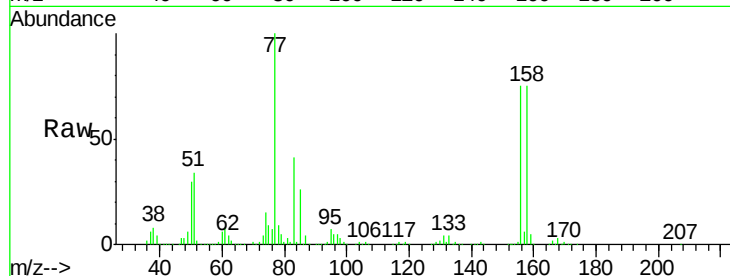
Tot Ion:156 Resp: 209259

Ion Ratio Lower Upper

156 100

77 142.7 75.2 225.6

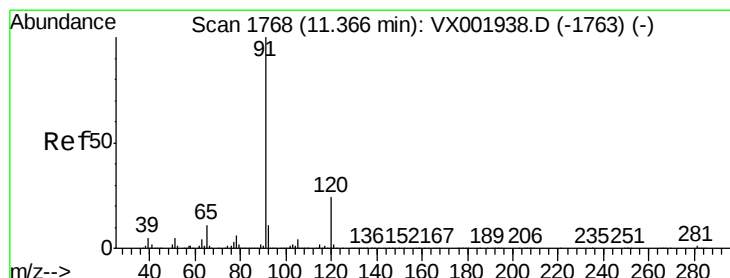
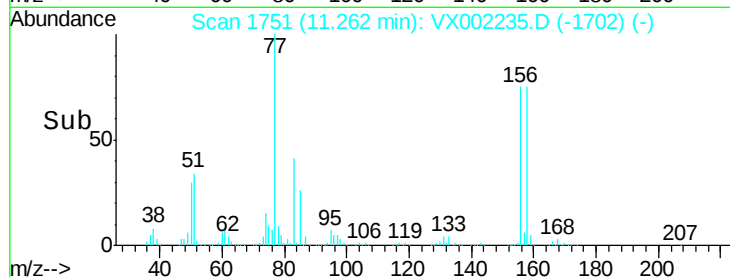
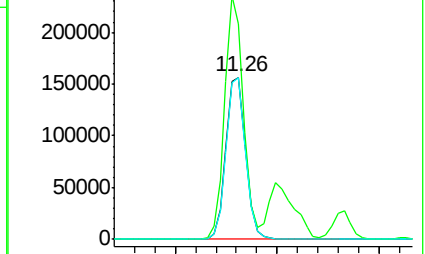
158 98.1 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 44.63 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002235.D

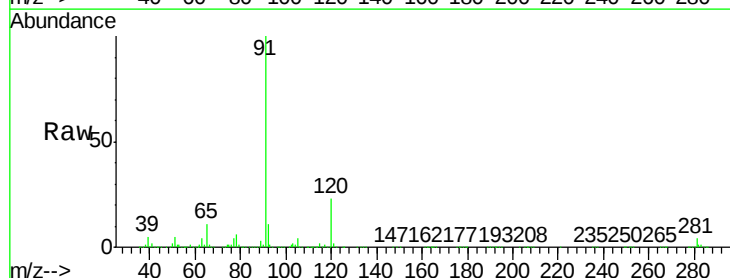
Acq: 02 Jun 2018 11:42

Tgt Ion: 91 Resp: 835422

Ion Ratio Lower Upper

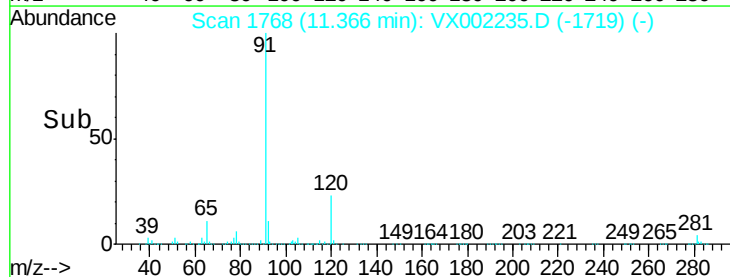
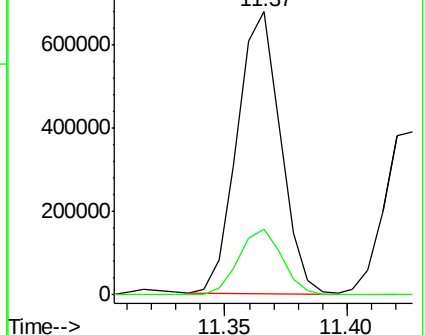
91 100

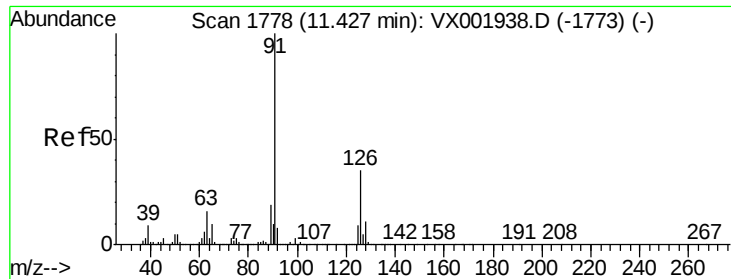
120 23.8 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

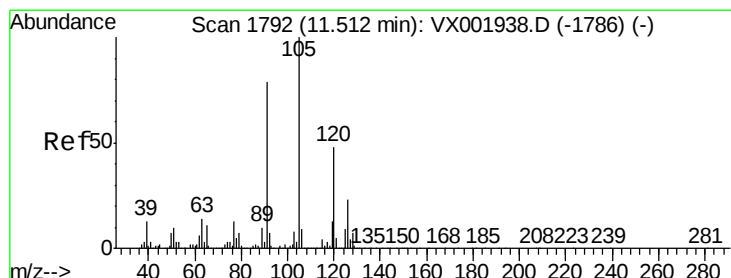
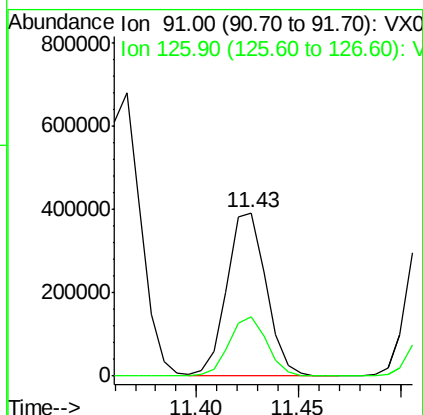
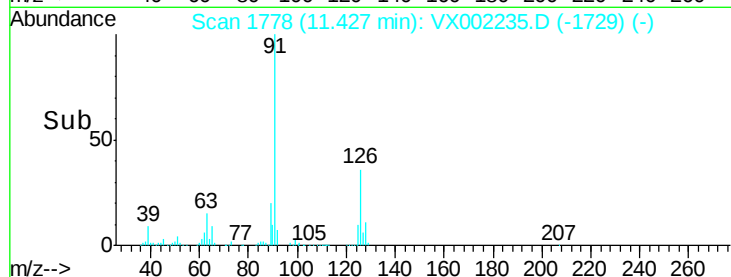
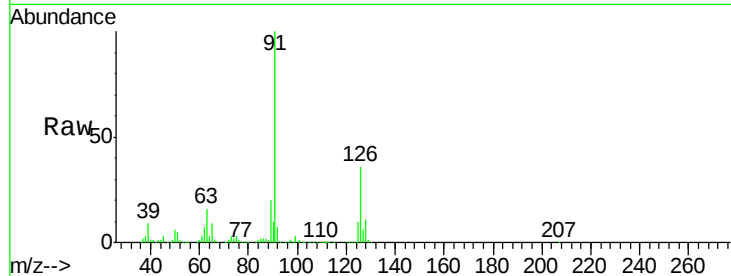
BFB

Tot Ion: 91 Resp: 514676

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 44.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002235.D

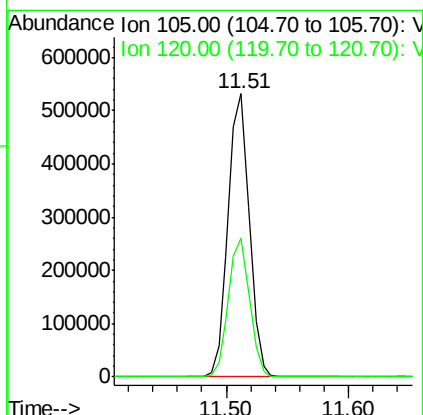
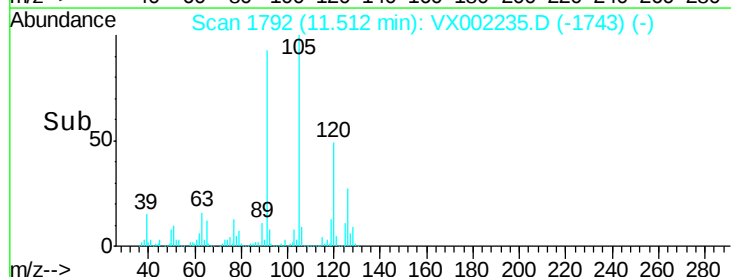
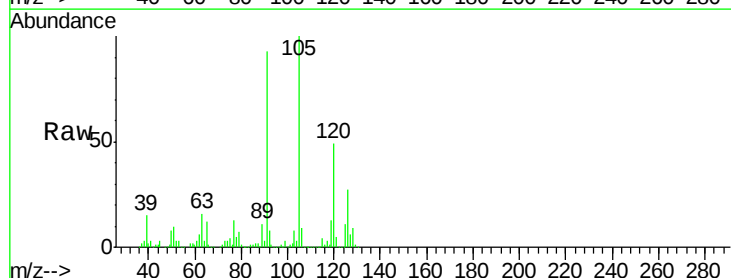
Acq: 02 Jun 2018 11:42

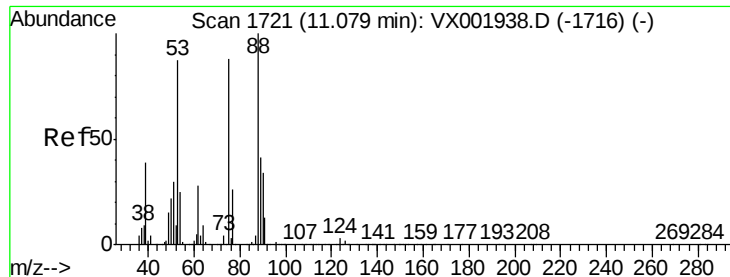
Tgt Ion: 105 Resp: 637648

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 36.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampled :

BFB

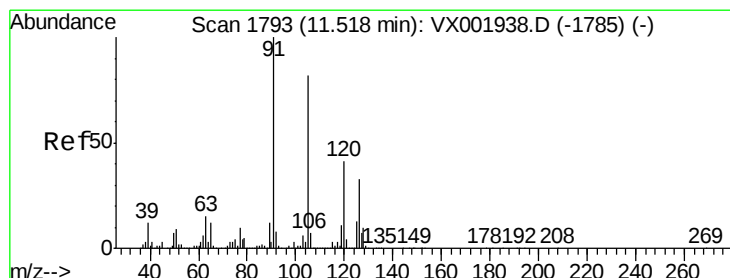
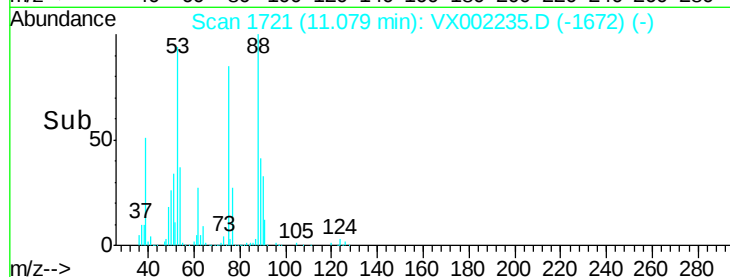
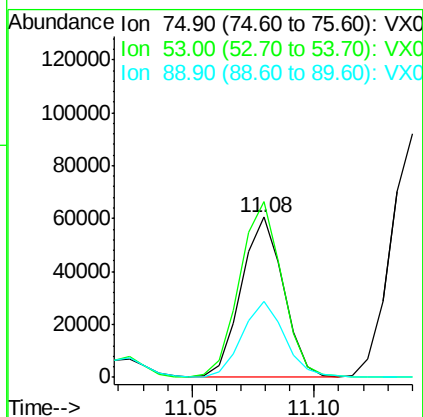
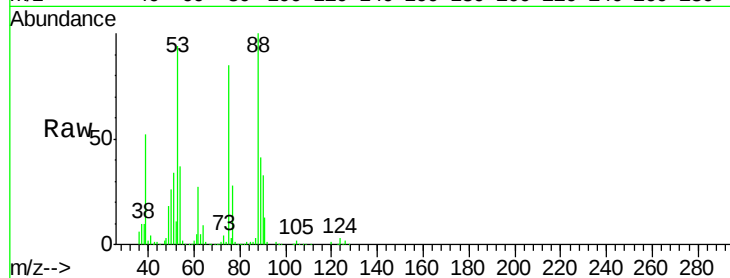
Tot Ion: 75 Resp: 72634

Ion Ratio Lower Upper

75 100

53 110.7 78.0 117.0

89 48.3 39.4 59.2



#82

4-Chlorotoluene

Concen: 46.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002235.D

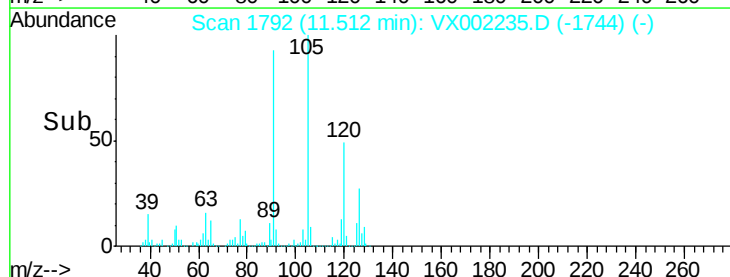
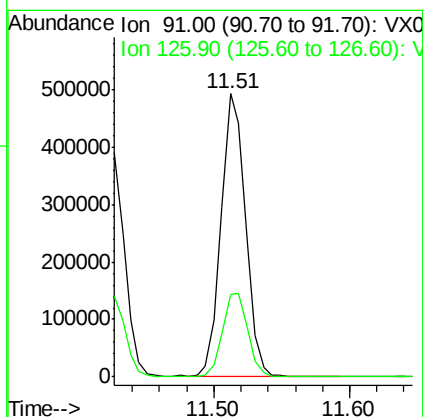
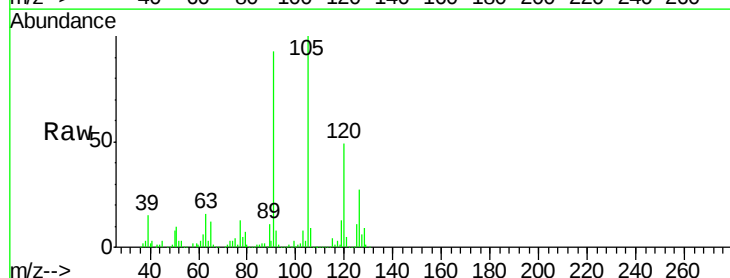
Acq: 02 Jun 2018 11:42

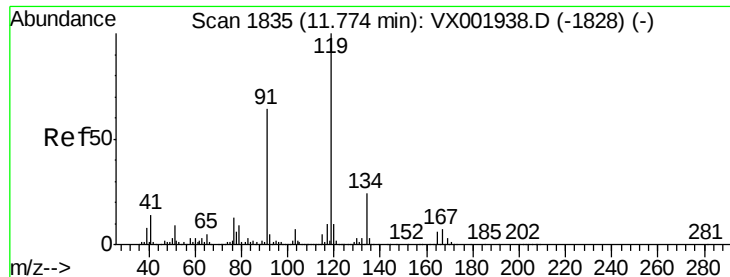
Tgt Ion: 91 Resp: 614444

Ion Ratio Lower Upper

91 100

126 30.5 15.3 45.8

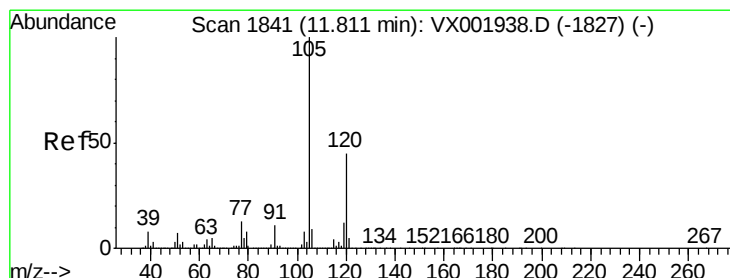
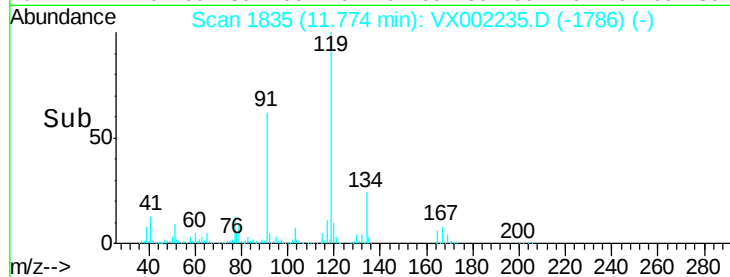
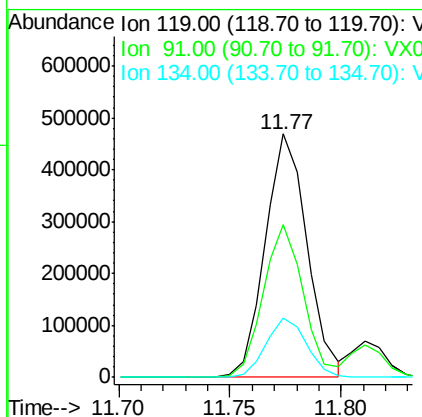
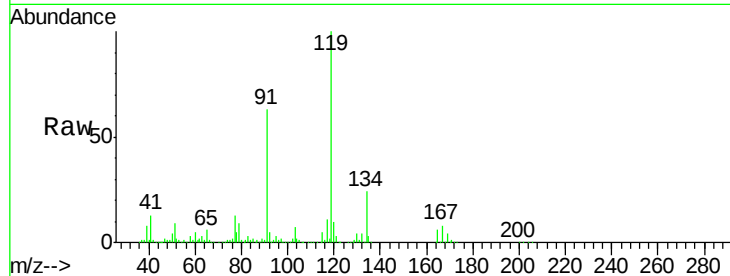




#83
tert-Butylbenzene
Concen: 43.67 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

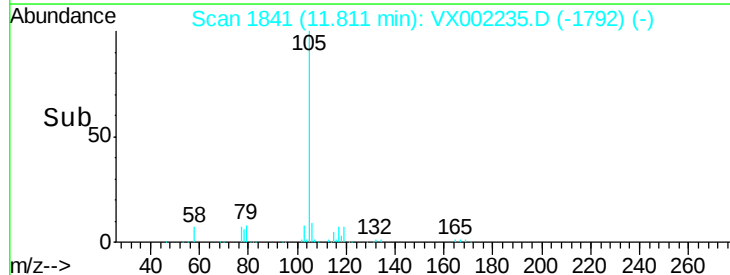
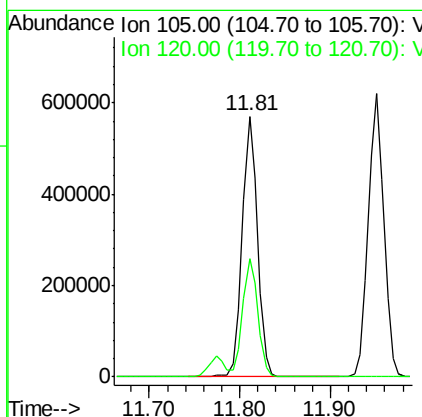
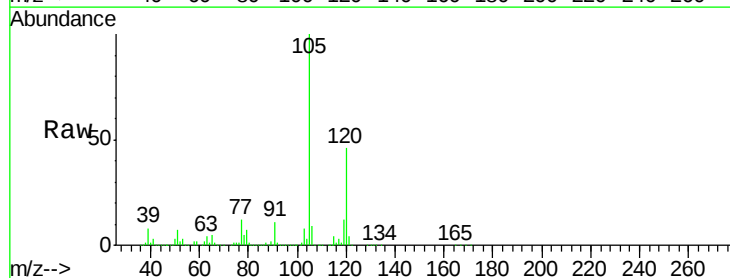
Instrument :
MSVOA_X
ClientSampleId :
BFB

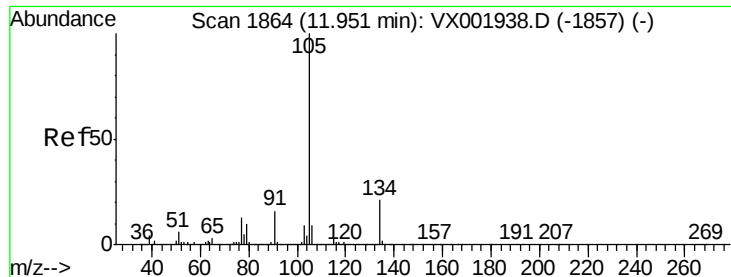
Tot Ion:119 Resp: 612019
Ion Ratio Lower Upper
119 100
91 60.4 30.6 91.8
134 23.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 45.30 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion:105 Resp: 668709
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.5





#85

sec-Butylbenzene

Concen: 44.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

MSVOA_X

ClientSampleId :

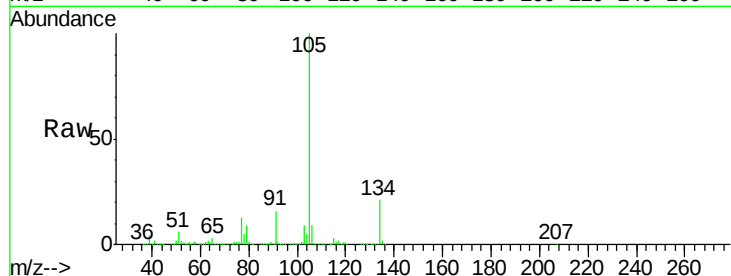
BFB

Tot Ion:105 Resp: 743532

Ion Ratio Lower Upper

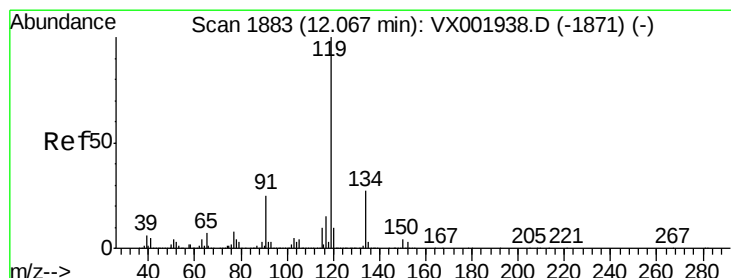
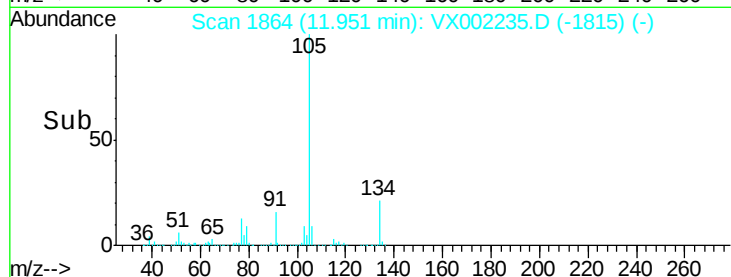
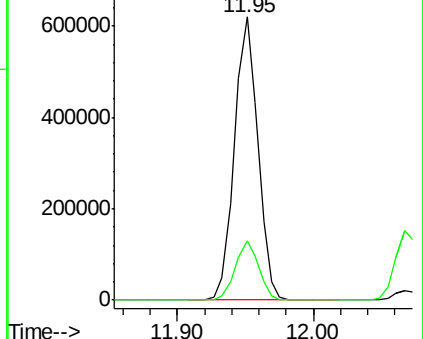
105 100

134 21.0 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

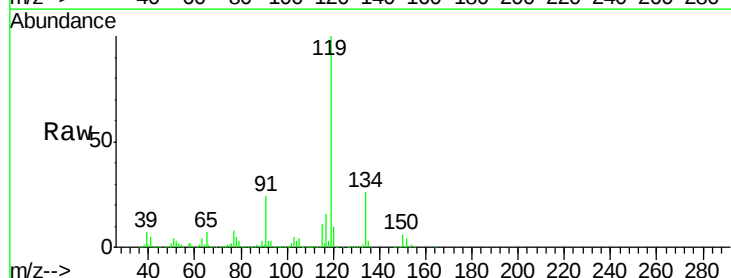
Tgt Ion:119 Resp: 685800

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

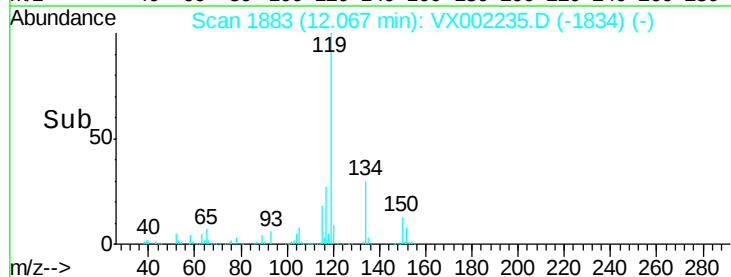
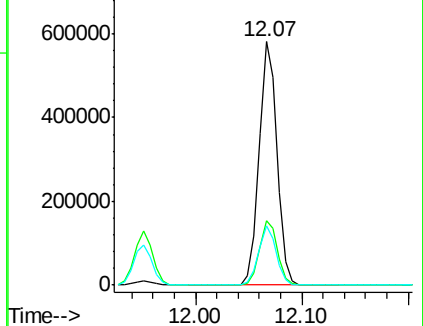
91 24.1 12.2 36.4

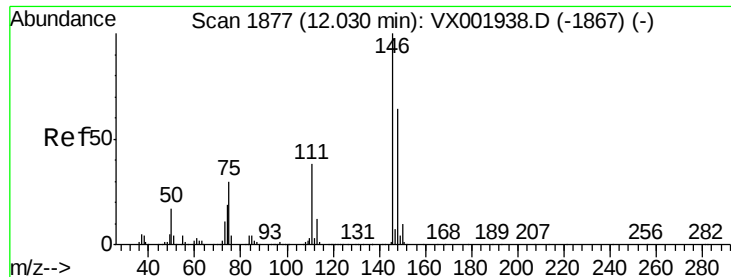


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

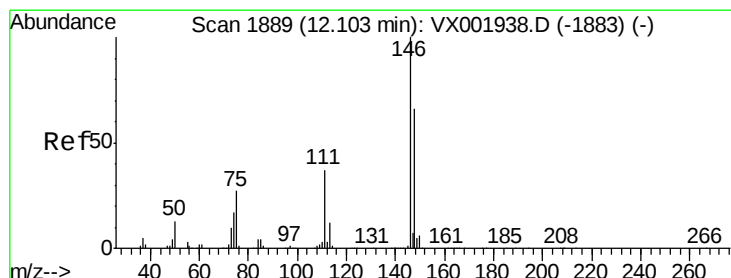
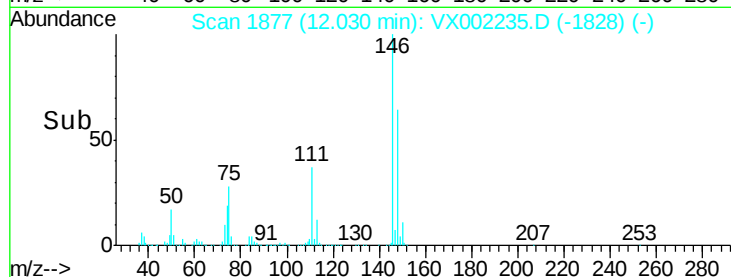
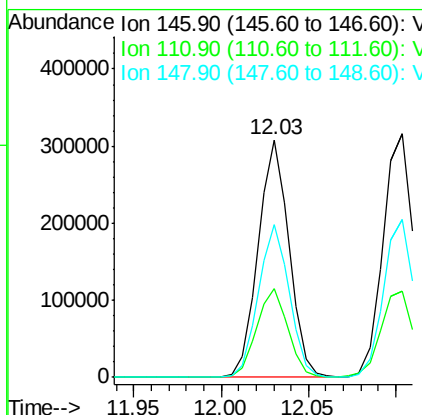
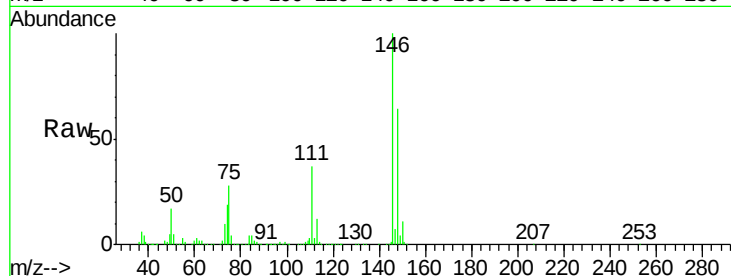




#87
 1,3-Dichlorobenzene
 Concen: 47.53 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

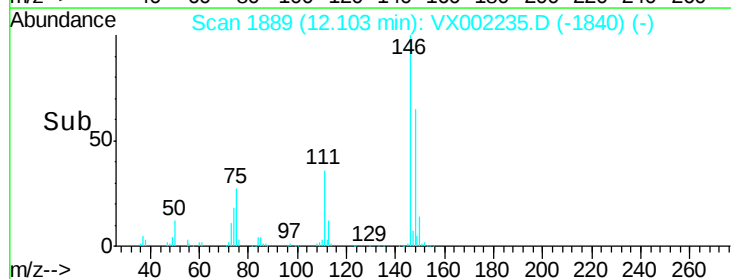
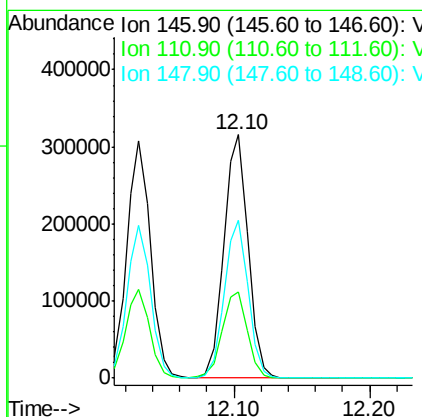
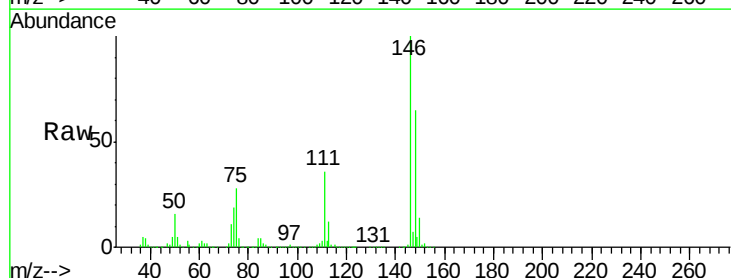
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

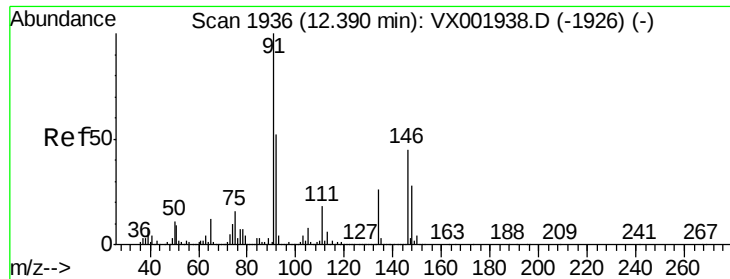
Tot Ion:146 Resp: 377492
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.3 57.8
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.77 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion:146 Resp: 387210
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.5
 148 64.1 32.3 96.8

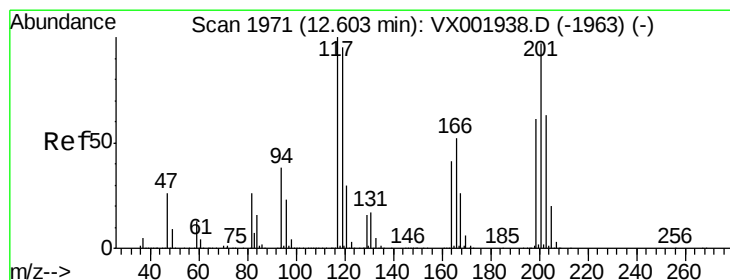
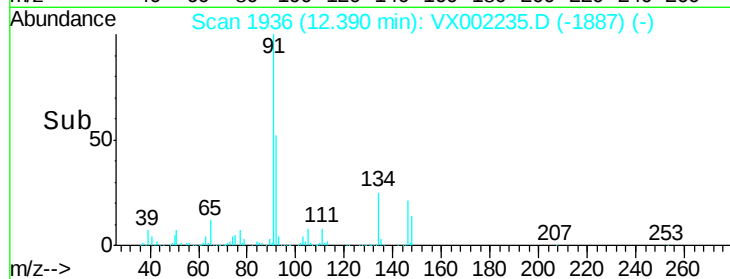
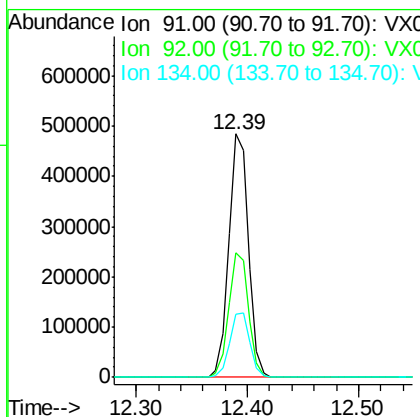
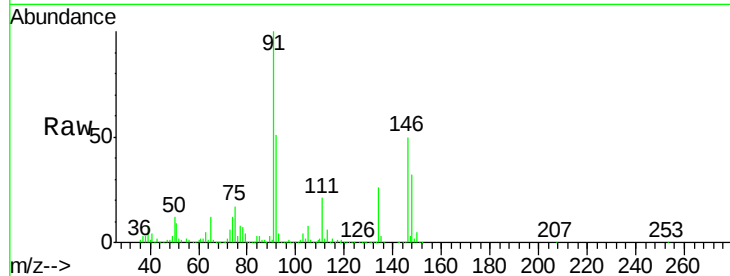




#89
n-Butylbenzene
Concen: 45.99 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

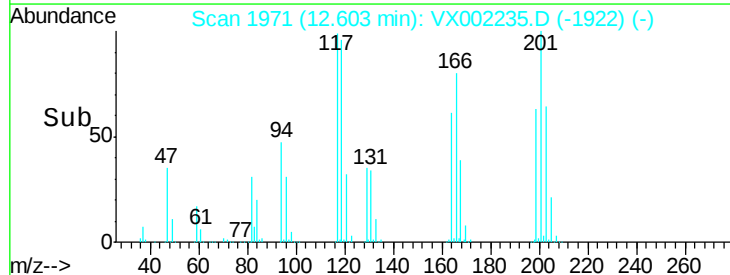
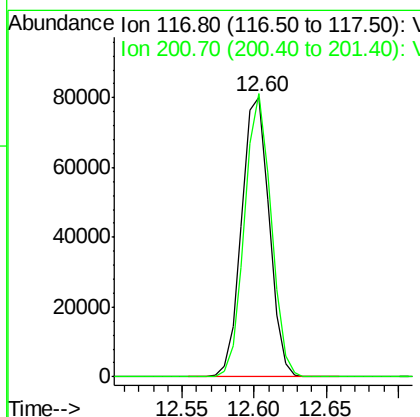
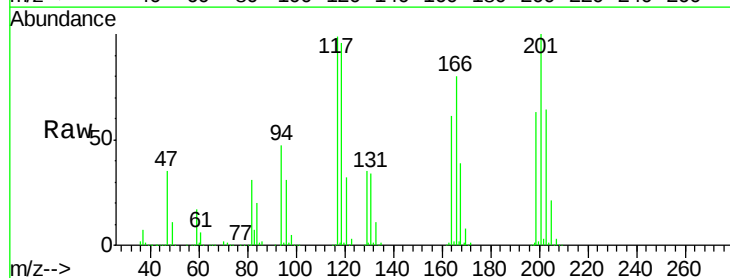
Instrument :
MSVOA_X
ClientSampled :
BFB

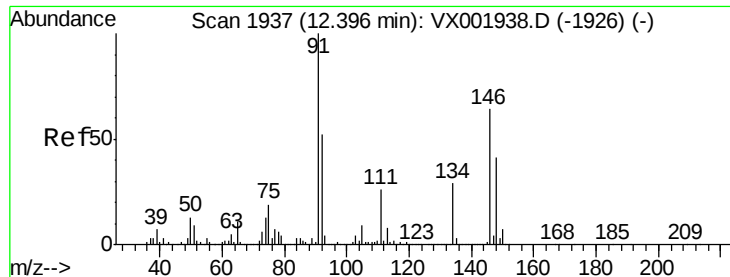
Tot Ion: 91 Resp: 587488
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 35.75 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002235.D
Acq: 02 Jun 2018 11:42

Tgt Ion: 117 Resp: 106314
Ion Ratio Lower Upper
117 100
201 96.7 48.0 144.0

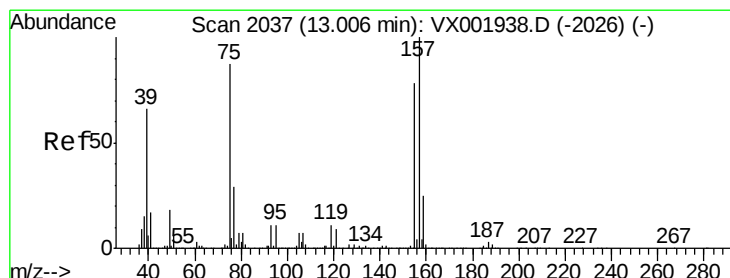
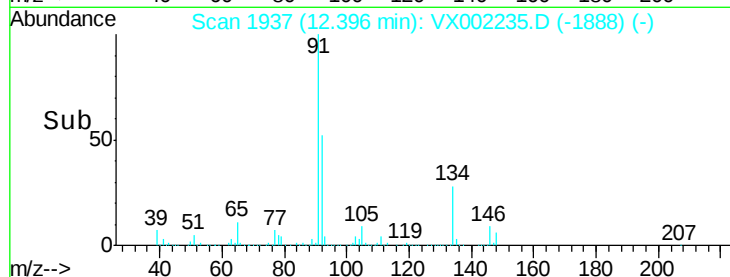
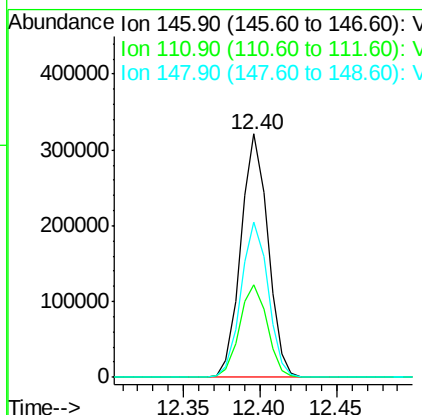
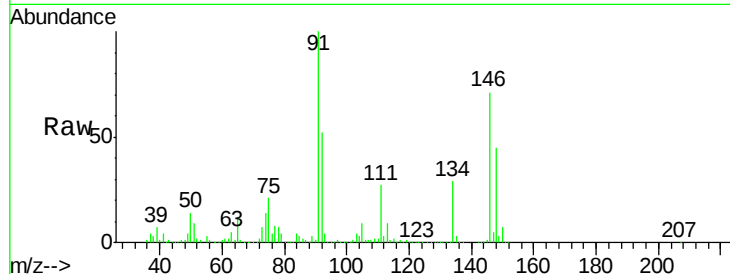




#91
 1,2-Dichlorobenzene
 Concen: 48.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

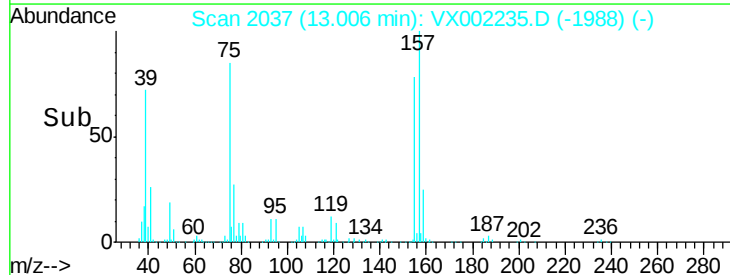
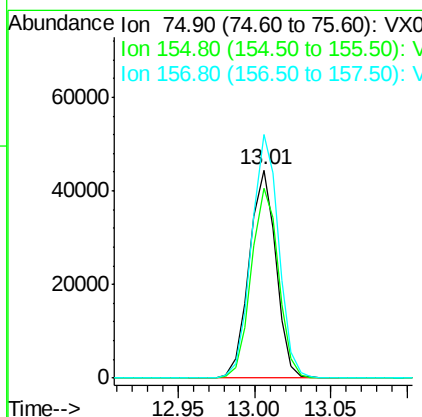
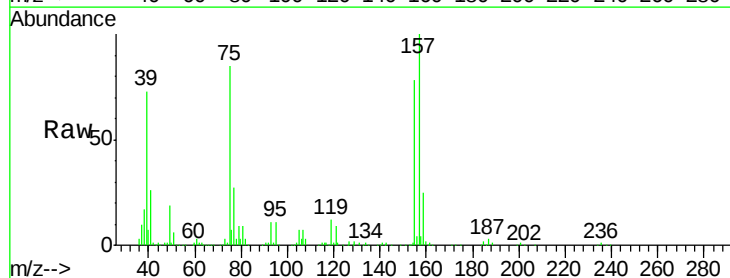
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

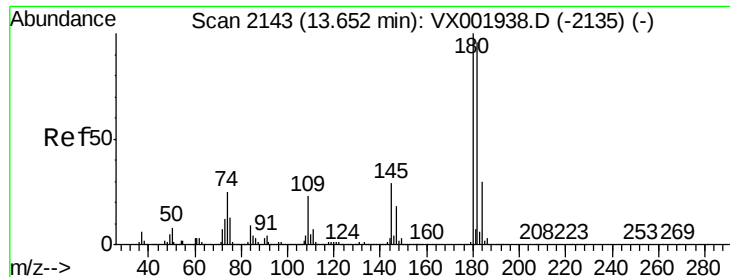
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	63.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.43 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	45.1	135.2
157	119.1	58.1	174.2

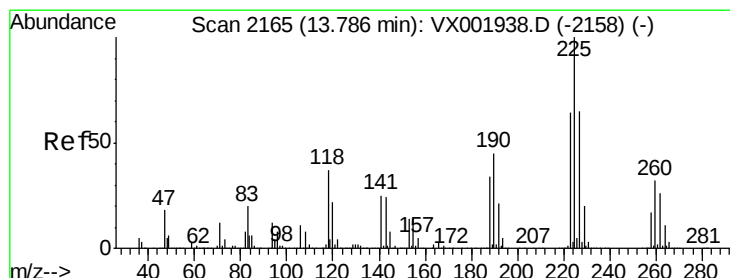
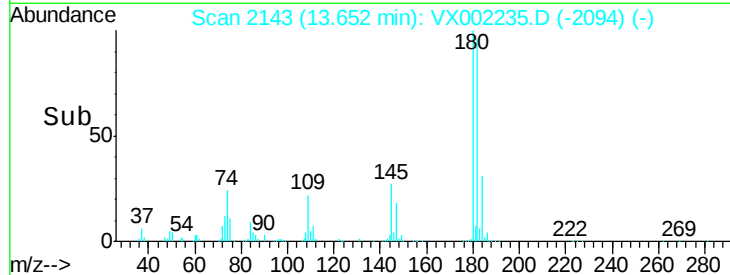
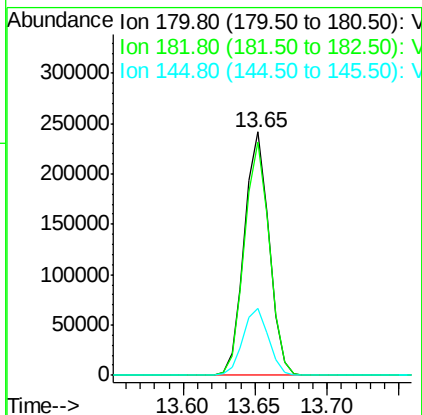
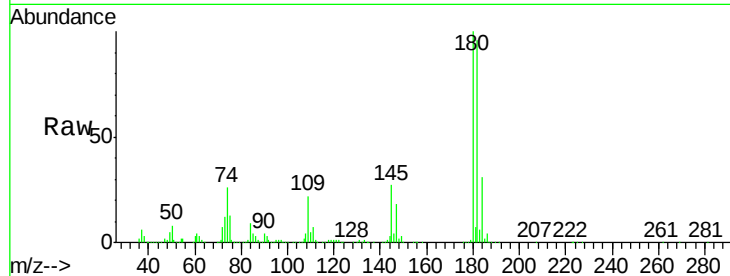




#93
 1,2,4-Trichlorobenzene
 Concen: 49.58 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

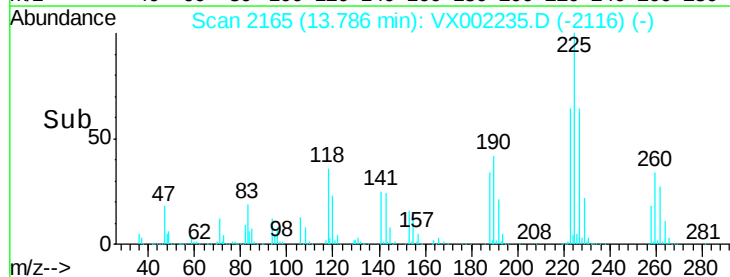
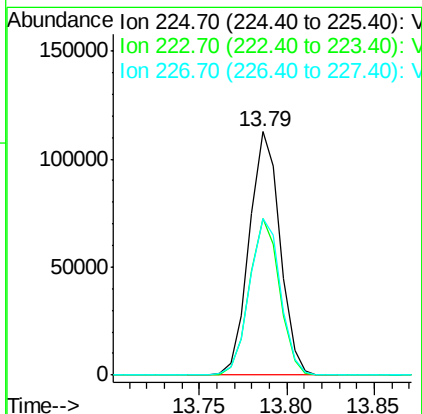
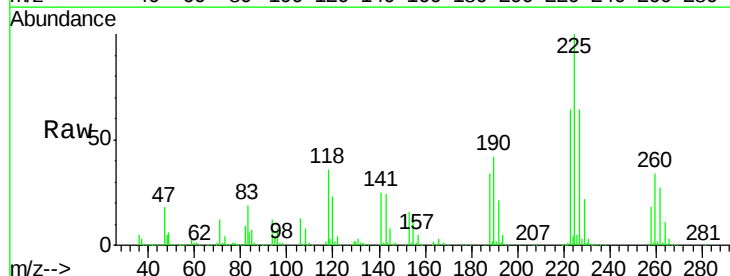
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

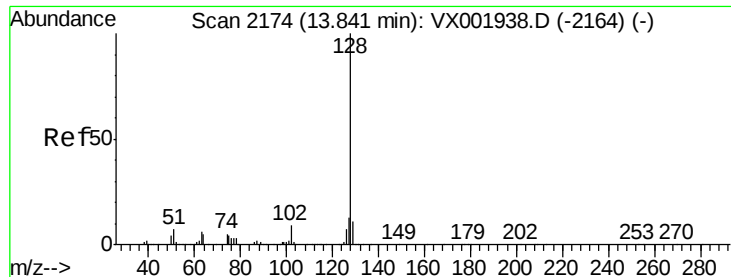
Tot Ion:180 Resp: 286855
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.0 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 44.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002235.D
 Acq: 02 Jun 2018 11:42

Tgt Ion:225 Resp: 137524
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.1 93.5
 227 64.9 32.1 96.5





#95

Naphthalene

Concen: 47.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Instrument :

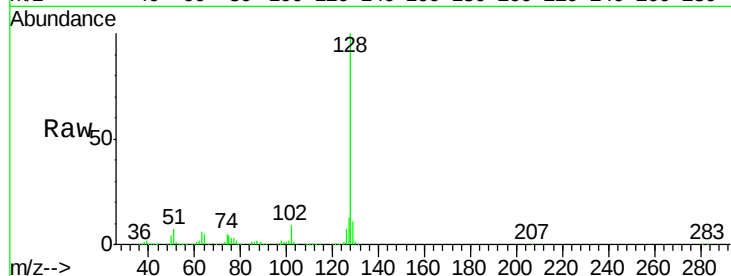
MSVOA_X

ClientSampleId :

BFB

Tot Ion:128 Resp: 847967

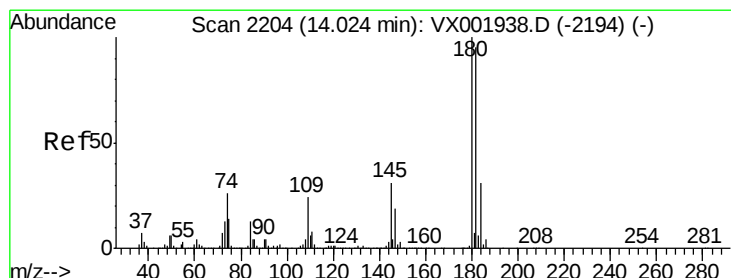
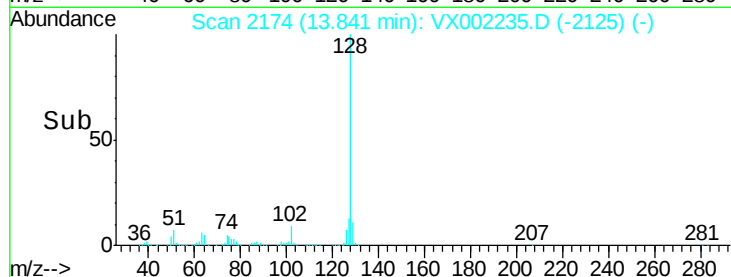
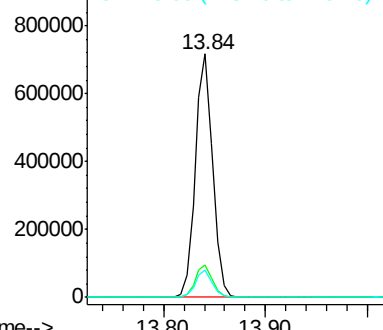
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.8	13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 49.15 ug/l

RT: 14.02 min Scan# 2204

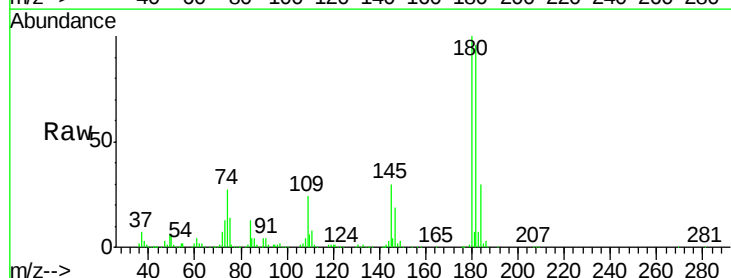
Delta R.T. -0.00 min

Lab File: VX002235.D

Acq: 02 Jun 2018 11:42

Tgt Ion:180 Resp: 294254

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	29.5	15.1	45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

