

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003096.D
 Acq On : 30 Jun 2018 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jul 02 04:54:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	168347	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	
35) Dibromofluoromethane	5.51	113	140272	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	8.72	98	494178	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
62) 4-Bromofluorobenzene	11.14	95	194779	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139441	56.03	ug/l	98
3) Chloromethane	1.32	50	136069	52.69	ug/l	99
4) Vinyl Chloride	1.40	62	154702	49.05	ug/l	96
5) Bromomethane	1.64	94	78817	53.74	ug/l	99
6) Chloroethane	1.72	64	98258	53.24	ug/l	100
7) Trichlorofluoromethane	1.92	101	242399	45.56	ug/l	99
8) Diethyl Ether	2.19	74	91793	47.46	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136775	44.37	ug/l	97
10) Methyl Iodide	2.51	142	154459	49.48	ug/l	97
11) Tert butyl alcohol	3.09	59	179040	233.15	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128261	46.63	ug/l	92
13) Acrolein	2.29	56	75897	179.49	ug/l	97
14) Allyl chloride	2.73	41	246746	45.51	ug/l	95
15) Acrylonitrile	3.15	53	407472	248.42	ug/l	99
16) Acetone	2.45	43	366713	229.71	ug/l	96
17) Carbon Disulfide	2.57	76	327124	44.64	ug/l	98
18) Methyl Acetate	2.78	43	200825	44.99	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	467307	47.26	ug/l	100
20) Methylene Chloride	2.86	84	145134	46.72	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	138818	46.34	ug/l	93
22) Diisopropyl ether	3.88	45	517814	49.96	ug/l	99
23) Vinyl Acetate	3.83	43	2213191	252.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	266297	47.27	ug/l	98
25) 2-Butanone	4.71	43	601635	253.94	ug/l	98
26) 2,2-Dichloropropane	4.59	77	148370	32.39	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	166094	49.45	ug/l	91
28) Bromochloromethane	5.03	49	124672	46.24	ug/l	91
29) Tetrahydrofuran	5.17	42	384653	253.17	ug/l	97
30) Chloroform	5.22	83	279710	48.38	ug/l	99
31) Cyclohexane	5.57	56	226462	46.84	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	247367	48.63	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199985	47.84	ug/l	99
37) Ethyl Acetate	4.87	43	230353	51.18	ug/l	99
38) Carbon Tetrachloride	5.79	117	220071	47.98	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219090	45.00	ug/l	97
40) Benzene	6.15	78	594241	48.93	ug/l	98
41) Methacrylonitrile	5.07	41	130634	50.40	ug/l	98
42) 1,2-Dichloroethane	6.20	62	229353	46.75	ug/l	99
43) Isopropyl Acetate	6.47	43	372300	49.32	ug/l	98
44) Trichloroethene	7.22	130	174253	48.12	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158176	49.10	ug/l	100
46) Dibromomethane	7.67	93	107030	47.87	ug/l	95
47) Bromodichloromethane	7.90	83	206481	49.95	ug/l	99
48) Methyl methacrylate	7.78	41	191495	49.24	ug/l	95
49) 1,4-Dioxane	7.76	88	78814	1041.56	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1216453	257.58	ug/l	98
52) Toluene	8.79	92	384602	49.43	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228718	48.86	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	212273	47.13	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	159775	49.97	ug/l	98
56) Ethyl methacrylate	9.18	69	245341	52.51	ug/l	94
57) 1,3-Dichloropropane	9.38	76	262364	49.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	587909	260.79	ug/l	97
59) 2-Hexanone	9.50	43	925185	257.77	ug/l	96
60) Dibromochloromethane	9.59	129	173630	51.59	ug/l	100
61) 1,2-Dibromoethane	9.68	107	170169	50.74	ug/l	100
64) Tetrachloroethene	9.34	164	202120	49.69	ug/l	97
65) Chlorobenzene	10.14	112	447933	48.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169114	50.10	ug/l	99
67) Ethyl Benzene	10.26	91	754685	49.17	ug/l	100
68) m/p-Xylenes	10.36	106	590669	99.85	ug/l	98
69) o-Xylene	10.70	106	285972	49.65	ug/l	100
70) Styrene	10.71	104	485841	51.91	ug/l	99
71) Bromoform	10.86	173	137370	45.43	ug/l #	99
73) Isopropylbenzene	11.02	105	782630	50.80	ug/l	100
74) N-amyl acetate	6.47	43	372300	49.39	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	242422	51.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	269023	64.86	ug/l	80
77) Bromobenzene	11.26	156	219186	49.96	ug/l	97
78) n-propylbenzene	11.37	91	872141	49.74	ug/l	99
79) 2-Chlorotoluene	11.43	91	525177	49.47	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	653316	50.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58451	41.50	ug/l	99
82) 4-Chlorotoluene	11.51	91	619370	49.28	ug/l	98
83) tert-Butylbenzene	11.77	119	645125	50.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	675394	50.24	ug/l	98
85) sec-Butylbenzene	11.95	105	764375	49.27	ug/l	99
86) p-Isopropyltoluene	12.07	119	696728	49.96	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393249	49.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	400386	48.56	ug/l	99
89) n-Butylbenzene	12.39	91	575592	47.42	ug/l	99
90) Hexachloroethane	12.60	117	100679	48.53	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	399122	49.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53831	50.46	ug/l	95

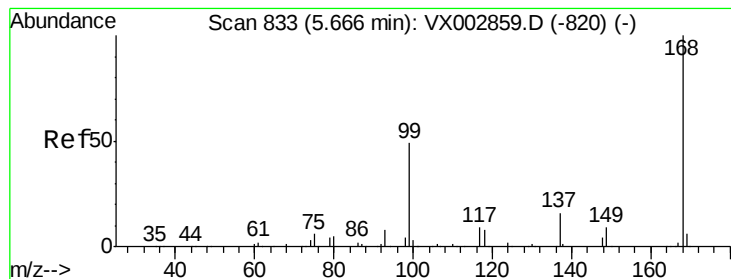
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	289809	49.24	ug/l	99
94) Hexachlorobutadiene	13.79	225	139182	47.41	ug/l	98
95) Naphthalene	13.84	128	837870	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	295888	50.33	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. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

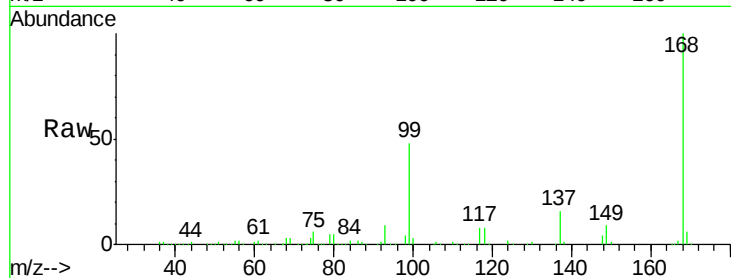
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Tot Ion:168 Resp: 278895

Ion Ratio Lower Upper

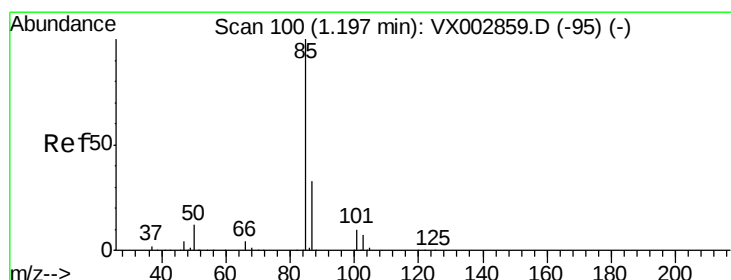
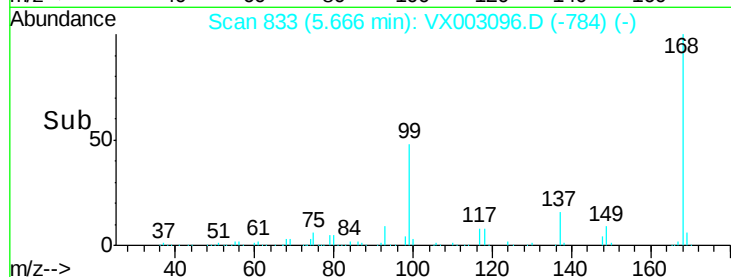
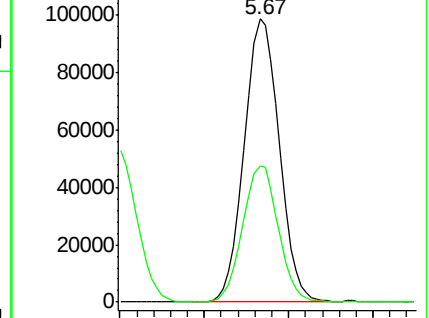
168 100

99 47.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 56.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003096.D

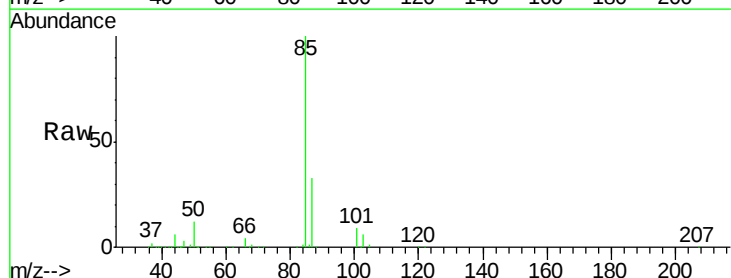
Acq: 30 Jun 2018 23:48

Tgt Ion: 85 Resp: 139441

Ion Ratio Lower Upper

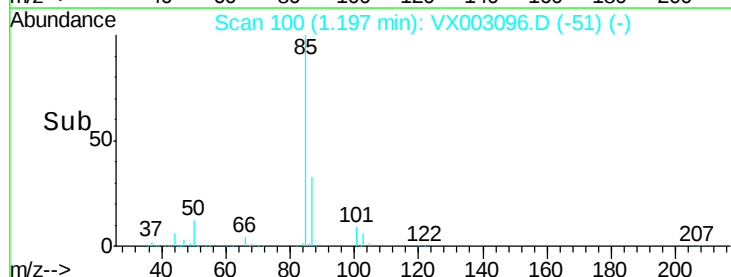
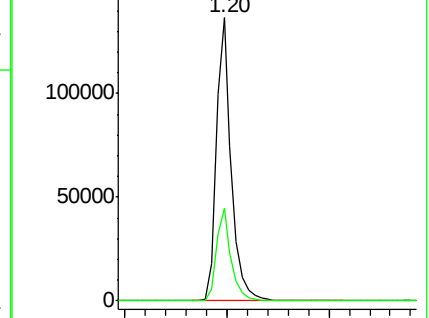
85 100

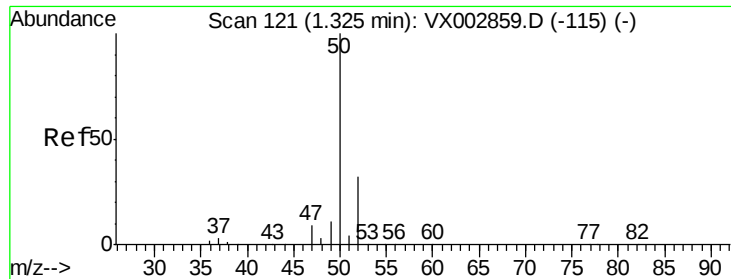
87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

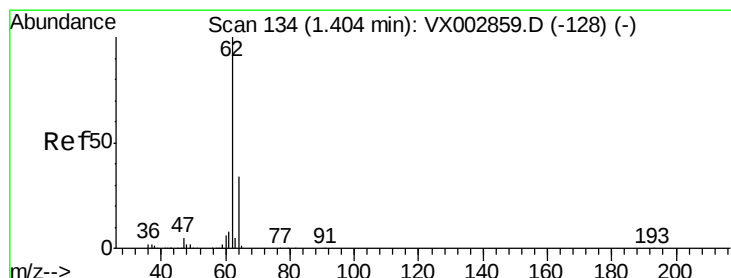
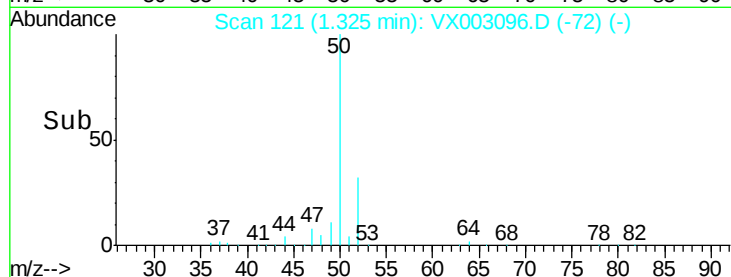
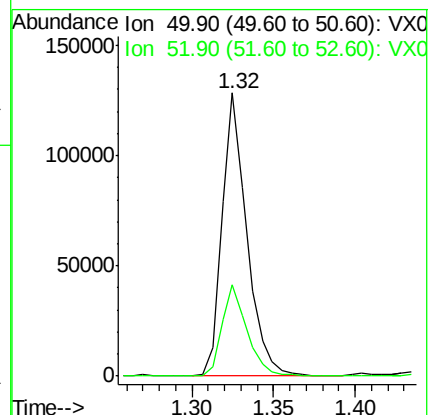
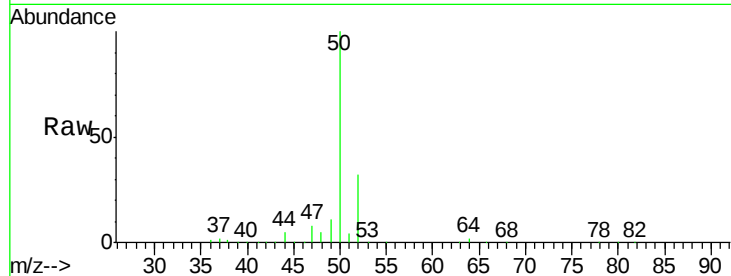
BFB

Tot Ion: 50 Resp: 136069

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 49.05 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003096.D

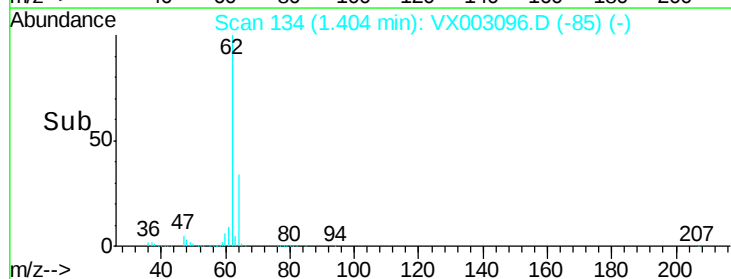
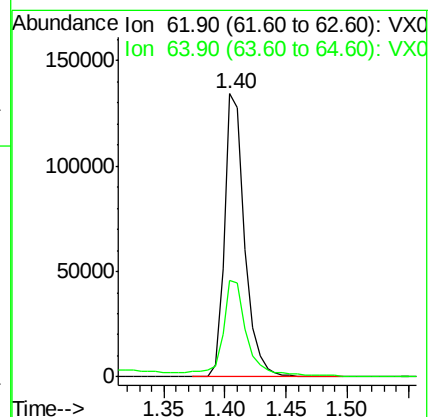
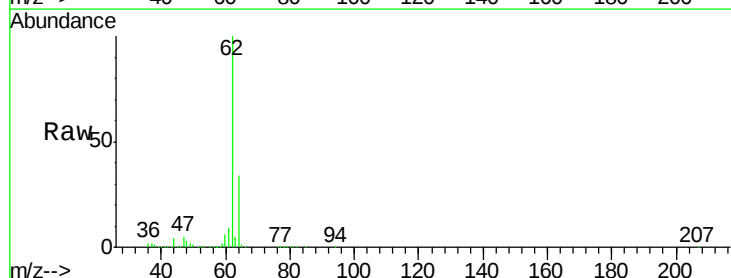
Acq: 30 Jun 2018 23:48

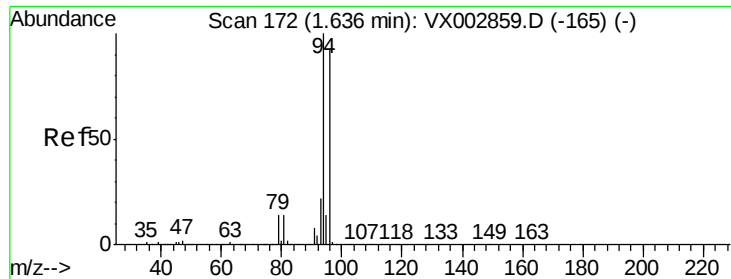
Tgt Ion: 62 Resp: 154702

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.2





#5

Bromomethane

Concen: 53.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

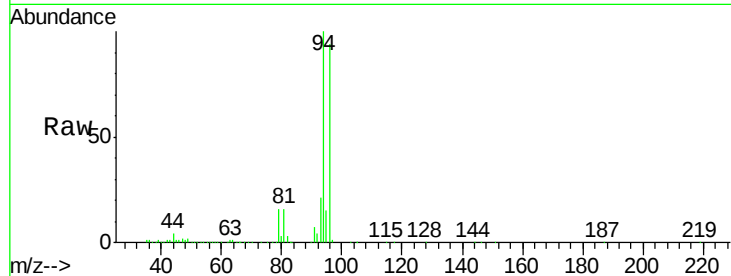
BFB

Tot Ion: 94 Resp: 78817

Ion Ratio Lower Upper

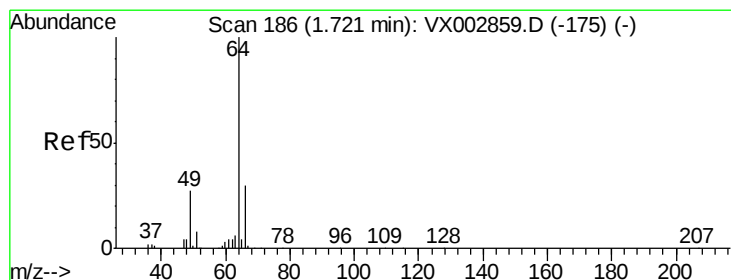
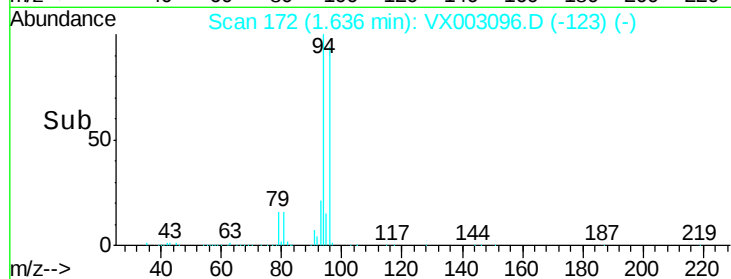
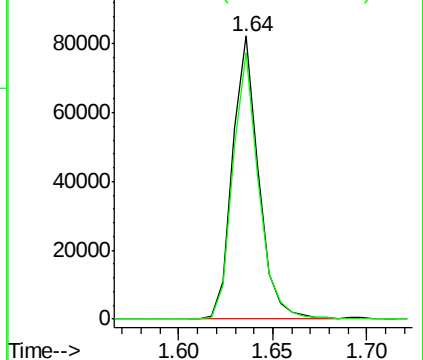
94 100

96 94.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.24 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003096.D

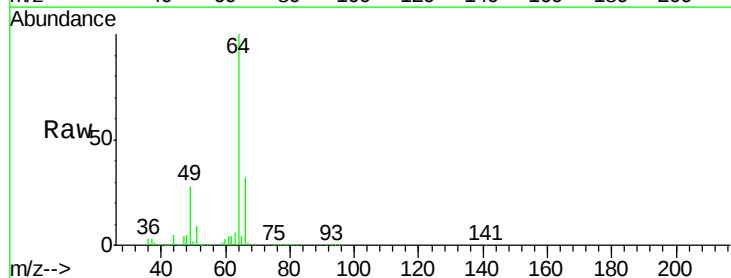
Acq: 30 Jun 2018 23:48

Tgt Ion: 64 Resp: 98258

Ion Ratio Lower Upper

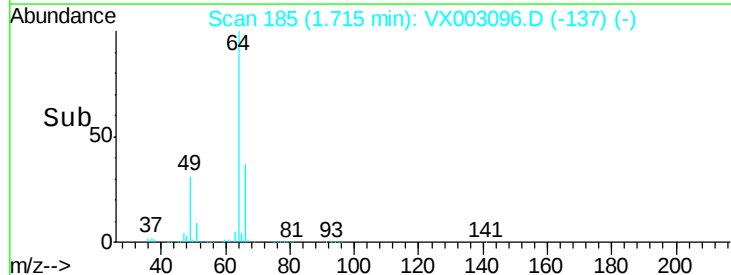
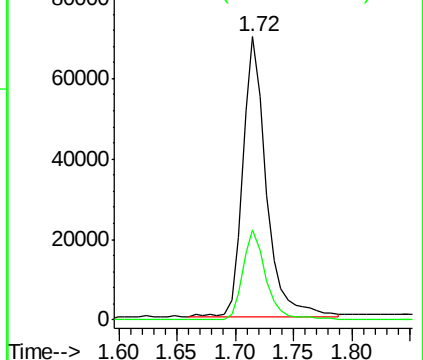
64 100

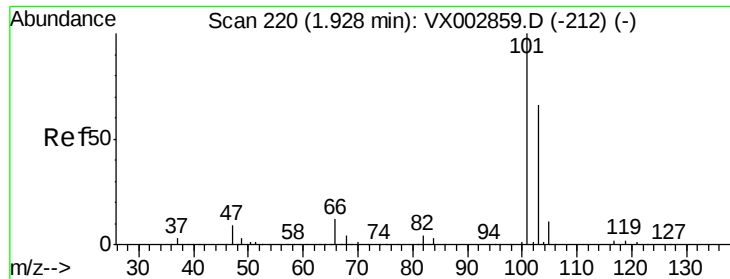
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



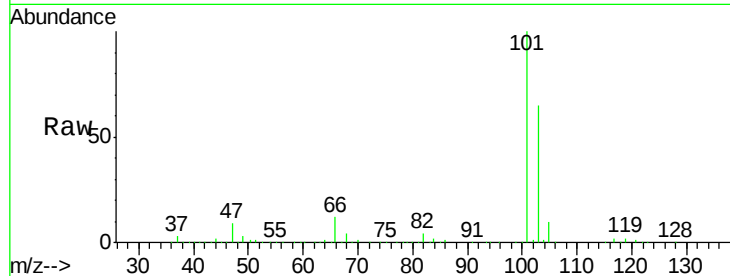


#7

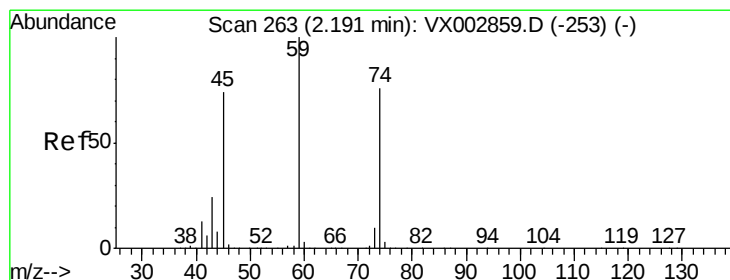
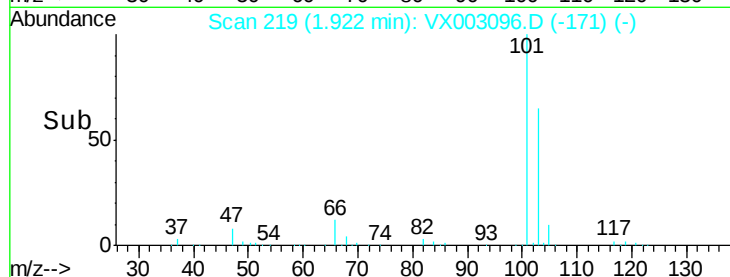
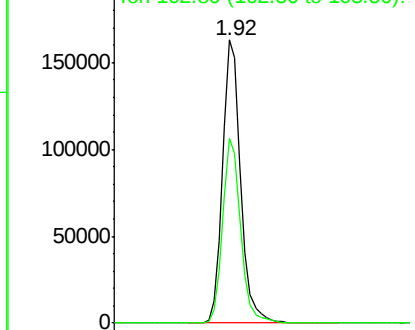
Trichlorofluoromethane
 Concen: 45.56 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
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Tot Ion:101 Resp: 242399
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.8 79.2



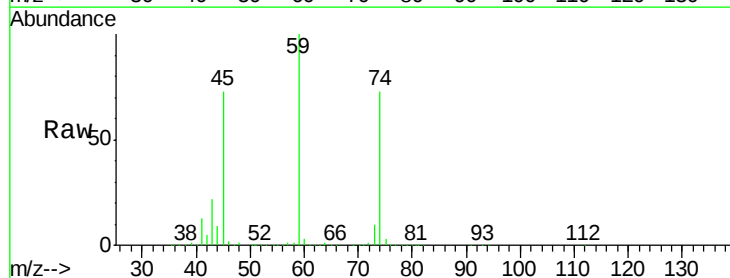
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



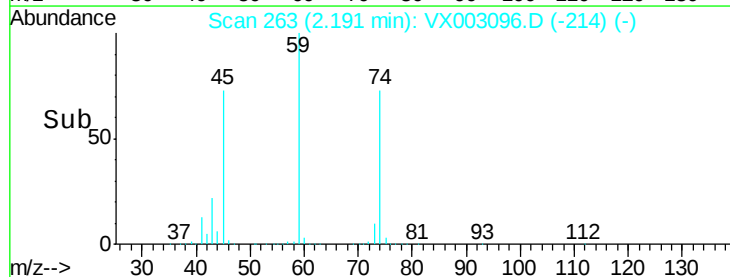
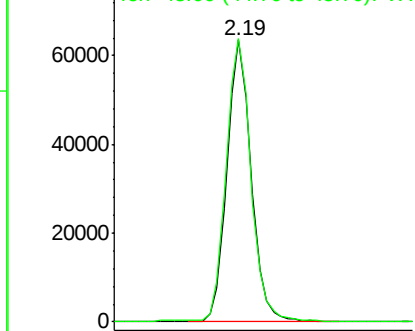
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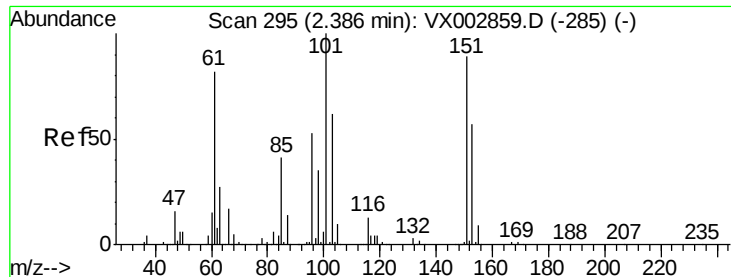
Diethyl Ether
 Concen: 47.46 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 74 Resp: 91793
 Ion Ratio Lower Upper
 74 100
 45 101.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.37 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

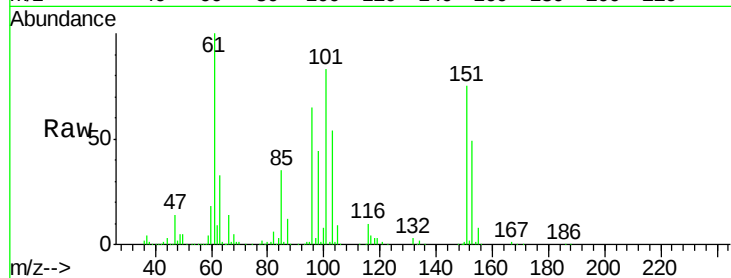
Tot Ion:101 Resp: 136775

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

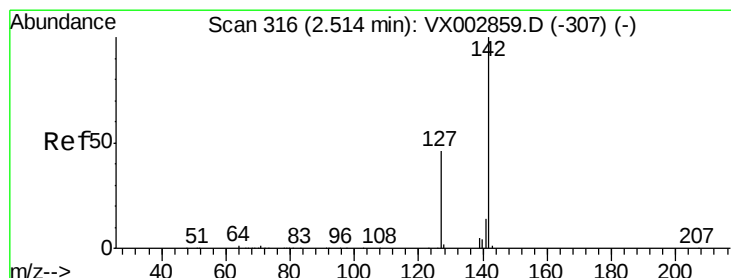
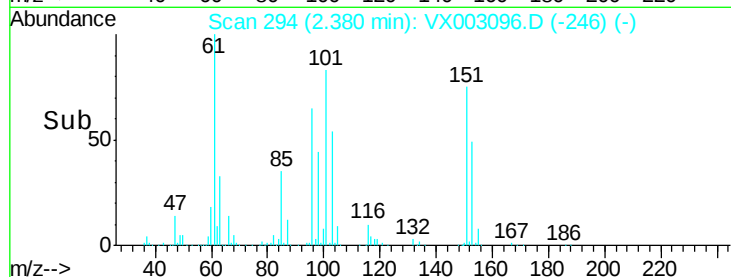
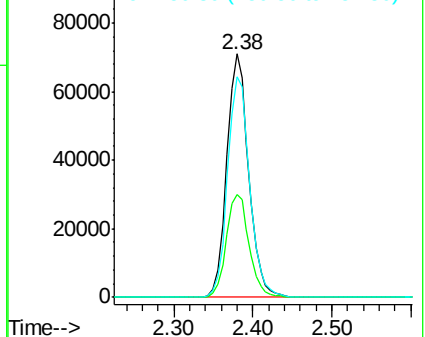
151 91.7 70.9 106.3



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: 49.48 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

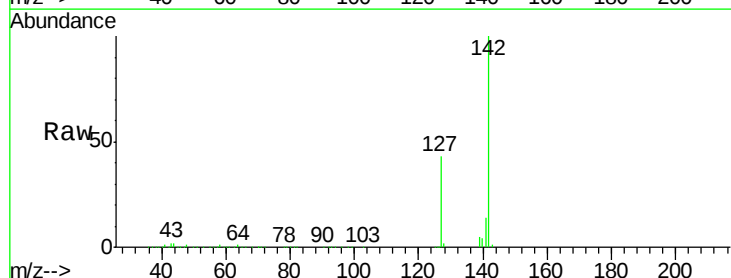
Tgt Ion:142 Resp: 154459

Ion Ratio Lower Upper

142 100

127 43.3 36.6 55.0

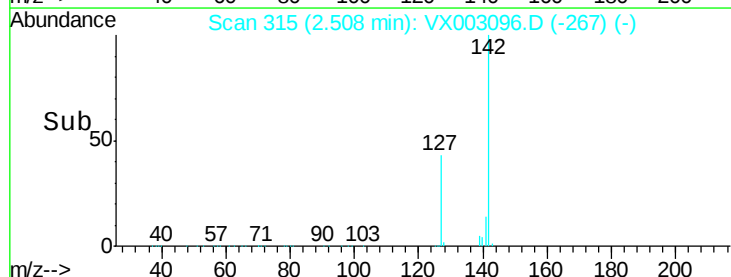
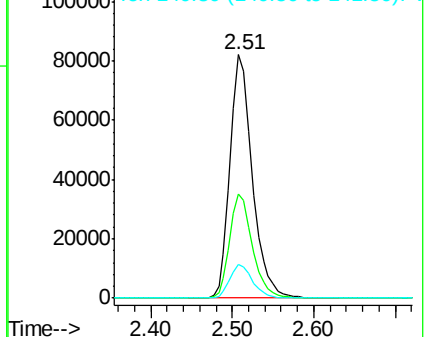
141 14.2 11.3 16.9

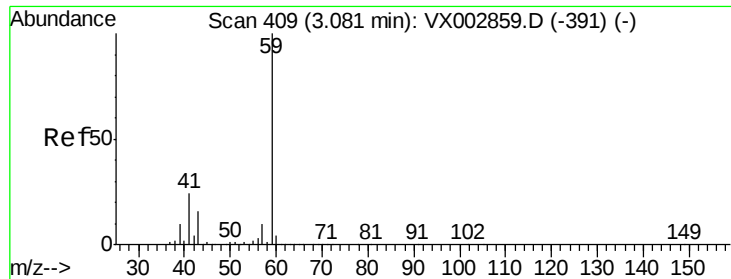


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

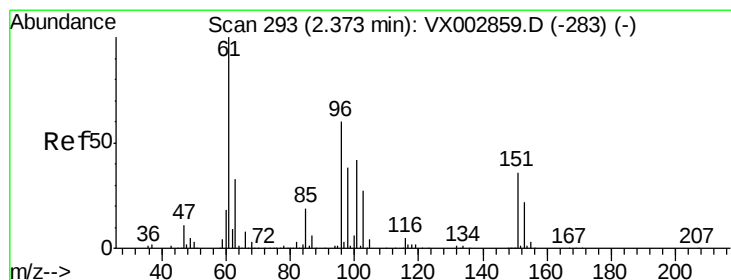
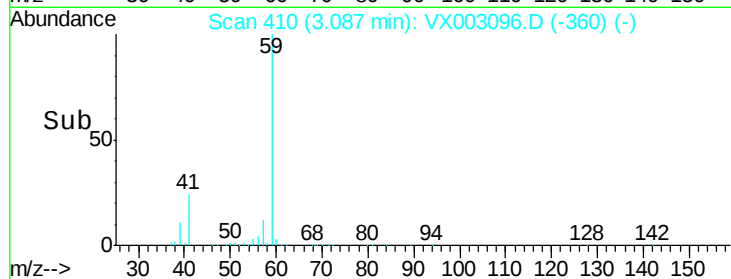
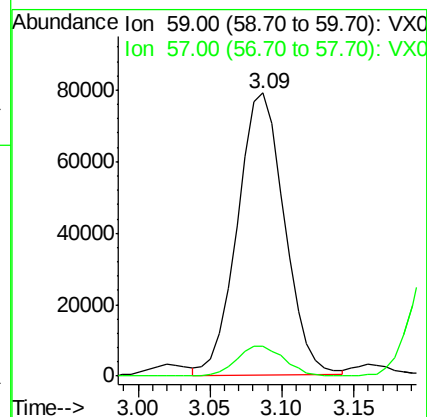
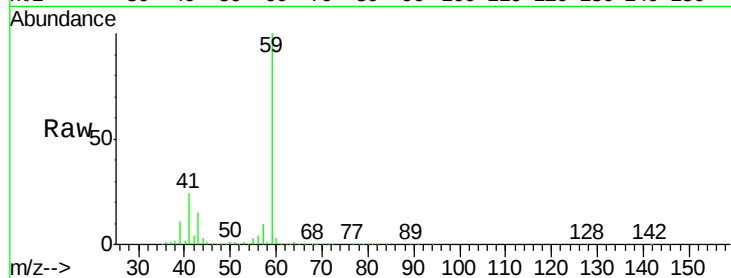




#11
Tert butyl alcohol
Concen: 233.15 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

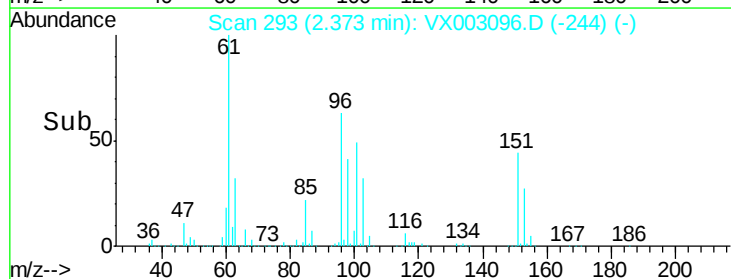
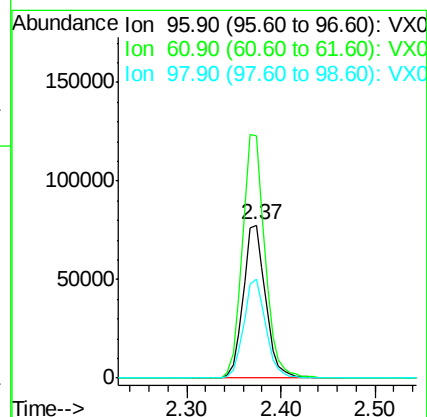
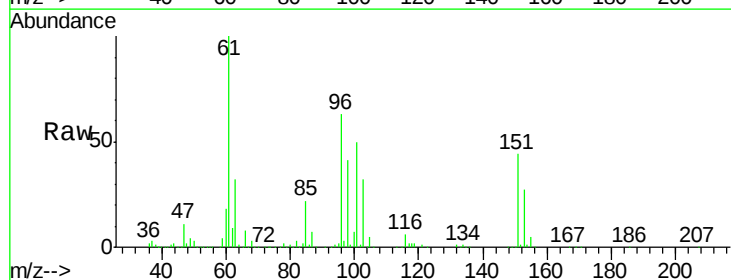
Instrument :
MSVOA_X
ClientSampled :
BFB

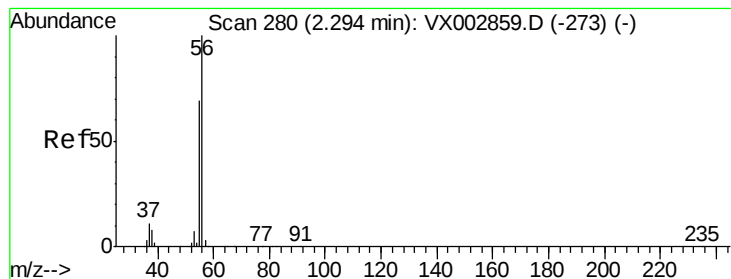
Tot Ion: 59 Resp: 179040
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.63 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 96 Resp: 128261
Ion Ratio Lower Upper
96 100
61 158.1 137.9 206.9
98 64.2 51.6 77.4





#13

Acrolein

Concen: 179.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

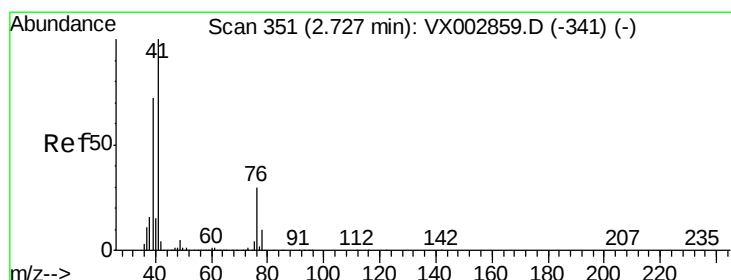
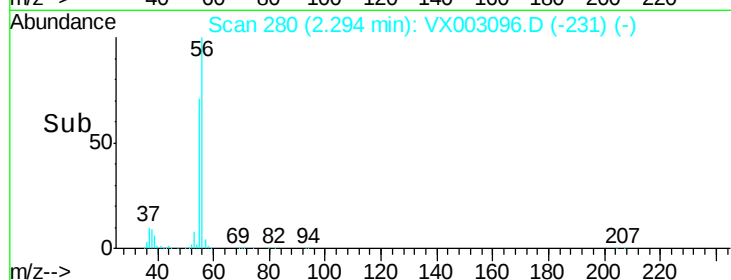
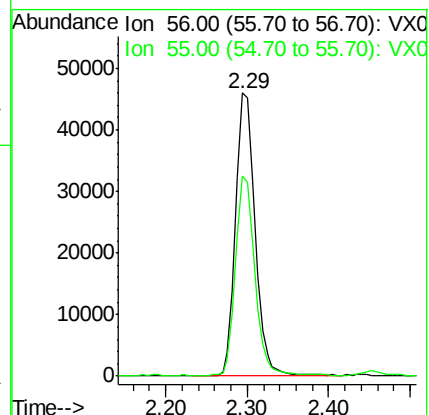
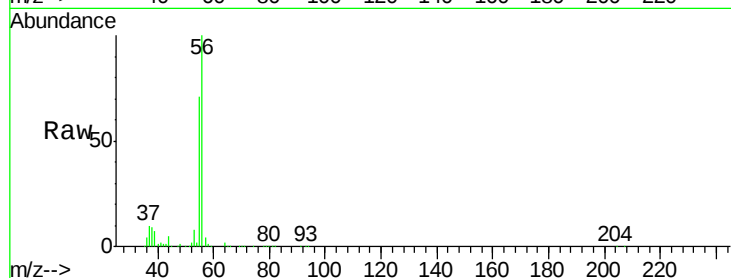
BFB

Tot Ion: 56 Resp: 75897

Ion Ratio Lower Upper

56 100

55 68.9 57.0 85.4



#14

Allyl chloride

Concen: 45.51 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

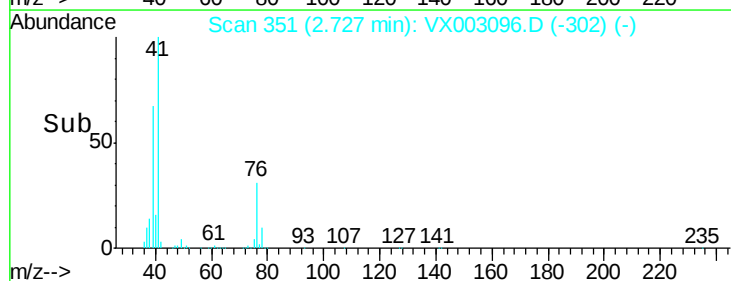
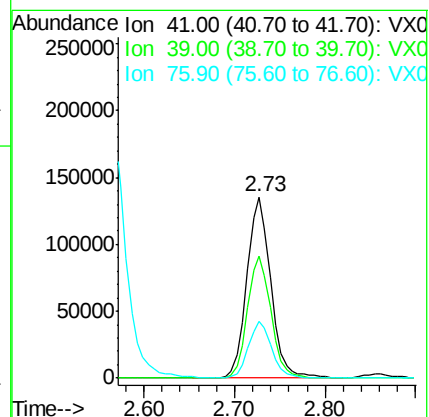
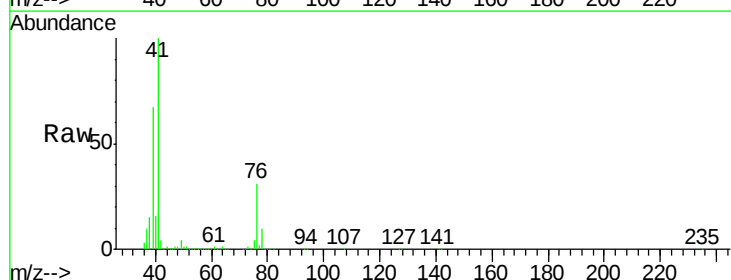
Tgt Ion: 41 Resp: 246746

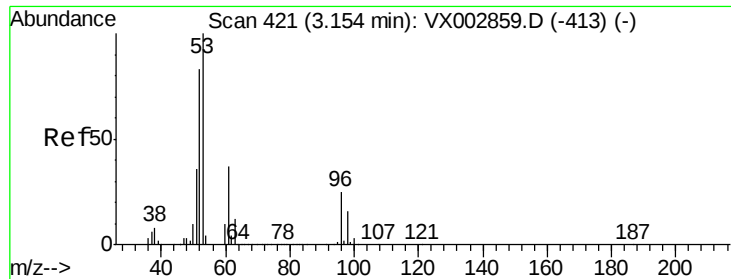
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 248.42 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

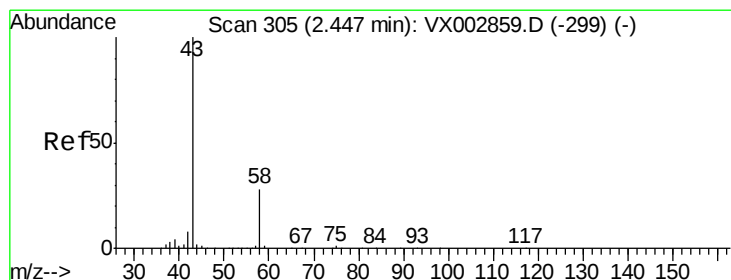
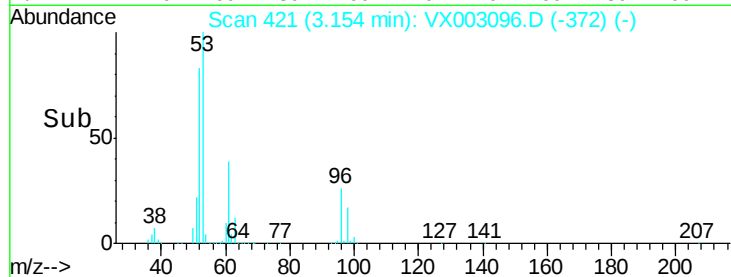
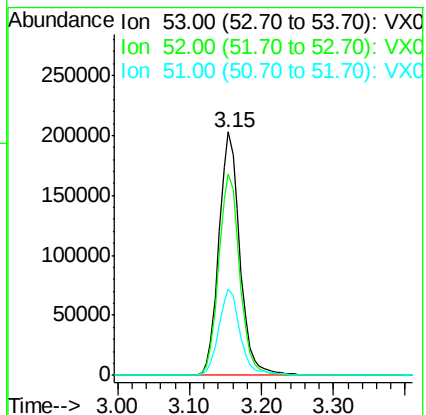
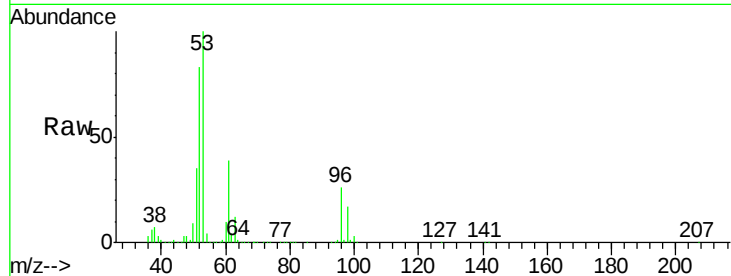
Tot Ion: 53 Resp: 407472

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 36.1 29.9 44.9



#16

Acetone

Concen: 229.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003096.D

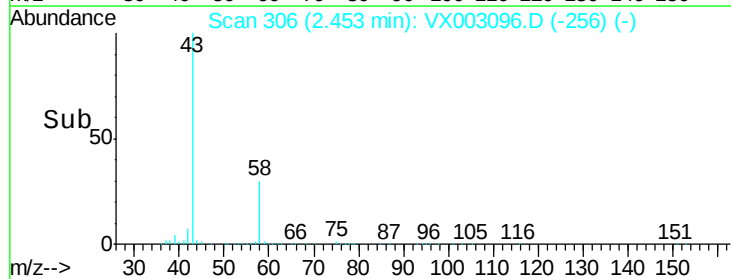
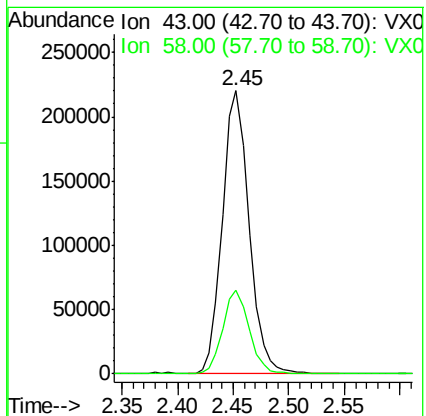
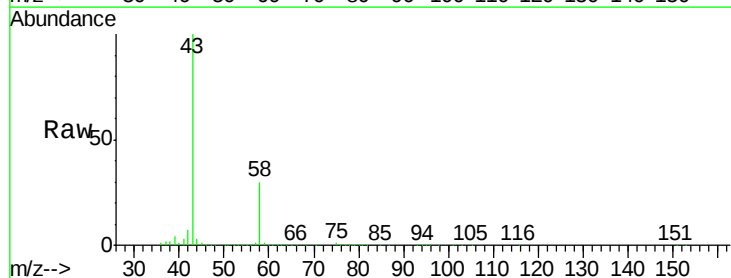
Acq: 30 Jun 2018 23:48

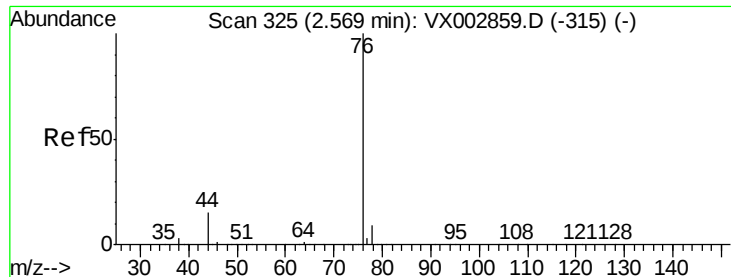
Tgt Ion: 43 Resp: 366713

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1

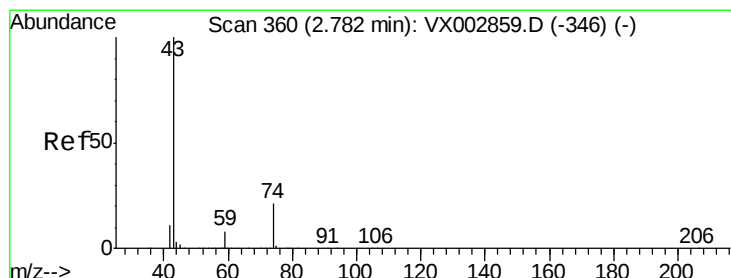
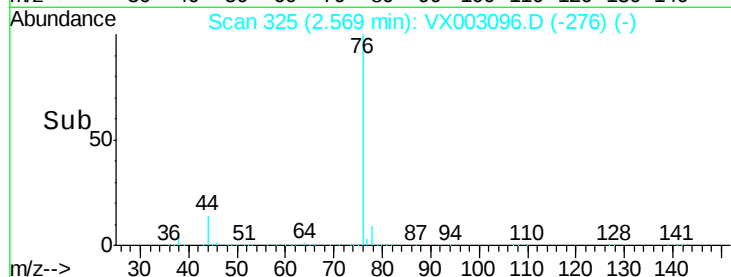
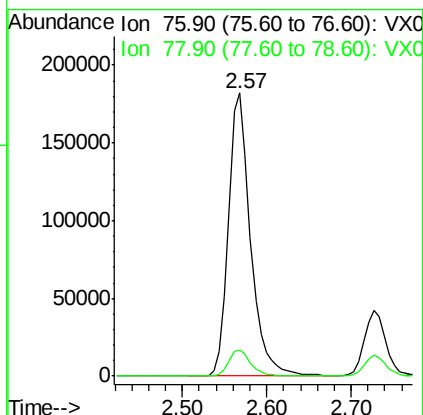
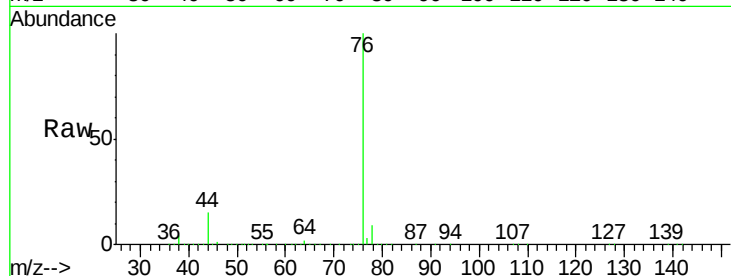




#17
Carbon Disulfide
Concen: 44.64 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

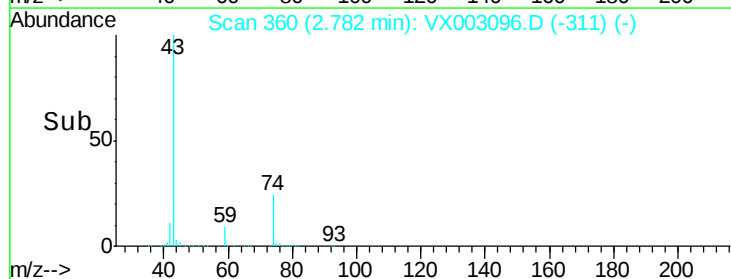
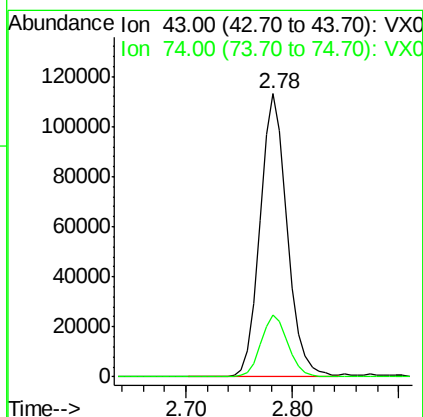
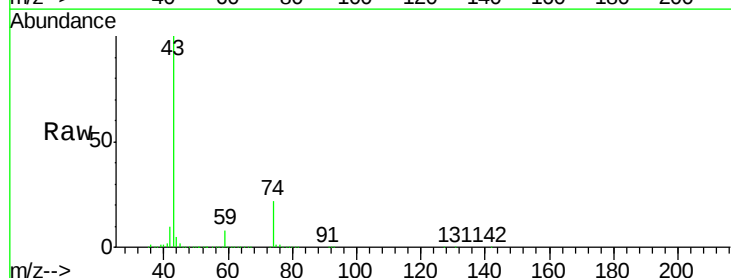
Instrument :
MSVOA_X
ClientSampled :
BFB

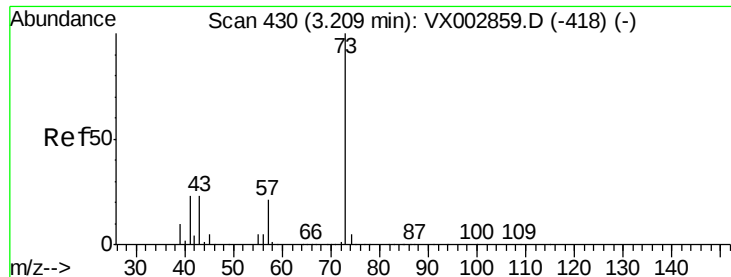
Tot Ion: 76 Resp: 327124
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 44.99 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 43 Resp: 200825
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 47.26 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

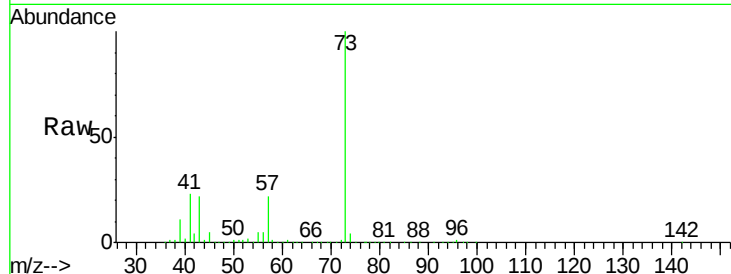
BFB

Tot Ion: 73 Resp: 467307

Ion Ratio Lower Upper

73 100

57 22.3 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

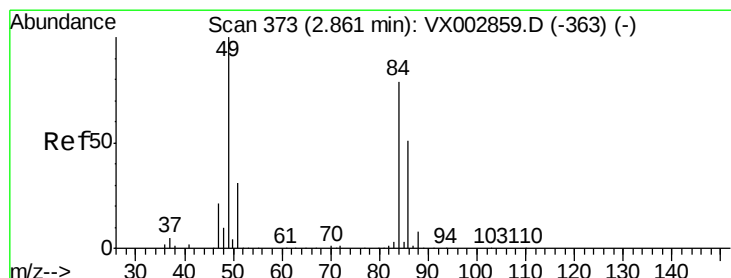
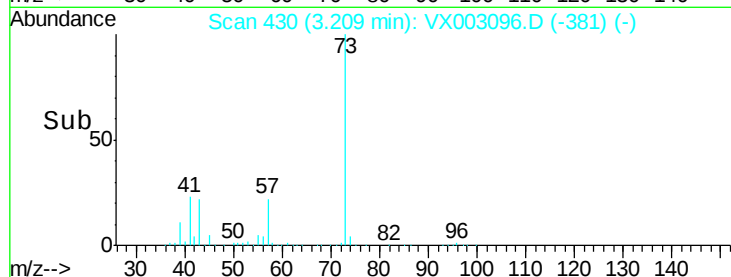
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 46.72 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion: 84 Resp: 145134

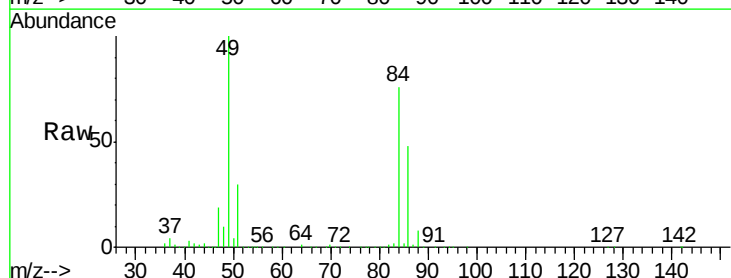
Ion Ratio Lower Upper

84 100

49 132.0 107.8 161.6

51 39.1 32.8 49.2

86 63.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

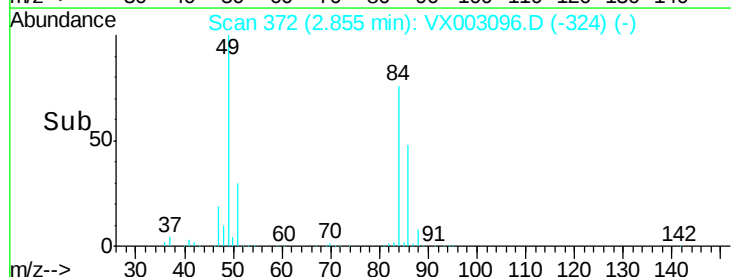
150000

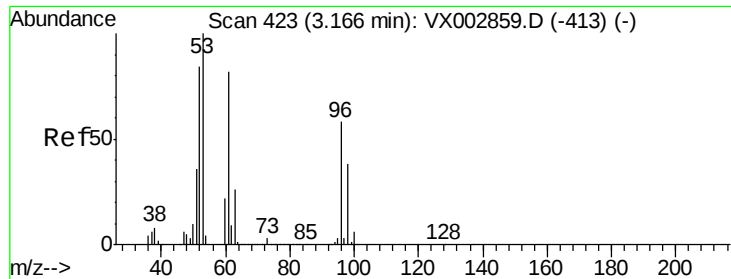
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

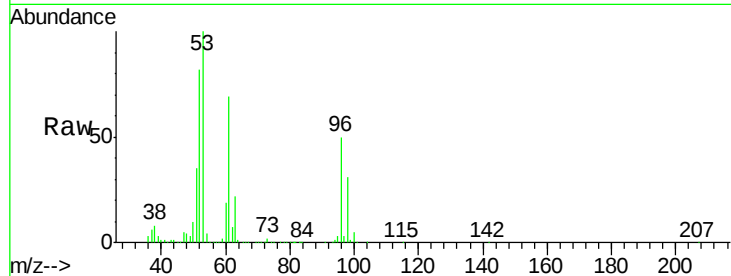
Tot Ion: 96 Resp: 138818

Ion Ratio Lower Upper

96 100

61 135.7 117.0 175.4

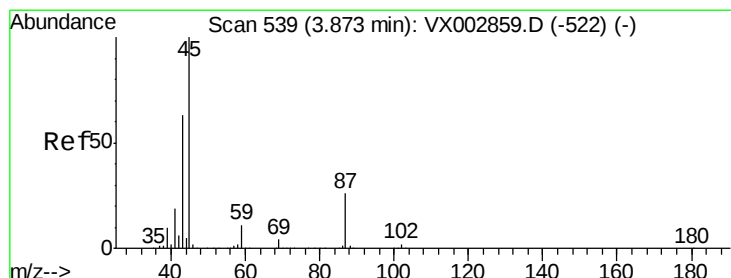
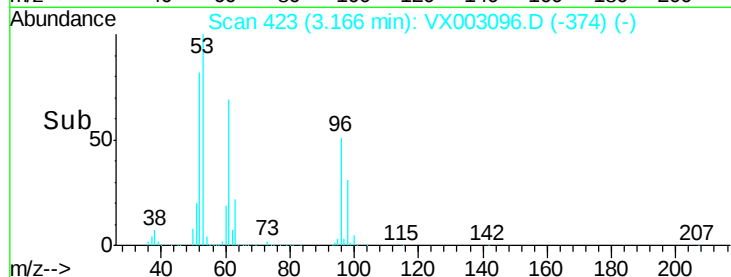
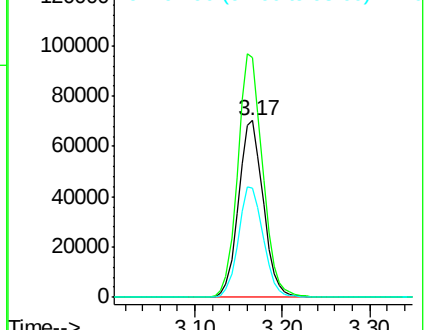
98 62.0 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.96 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion: 45 Resp: 517814

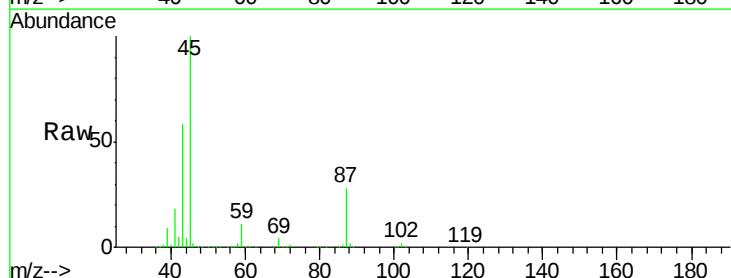
Ion Ratio Lower Upper

45 100

43 58.2 46.8 70.2

87 27.6 20.2 30.4

59 10.9 8.7 13.1

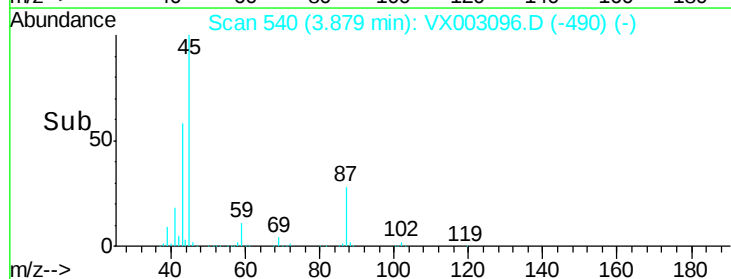
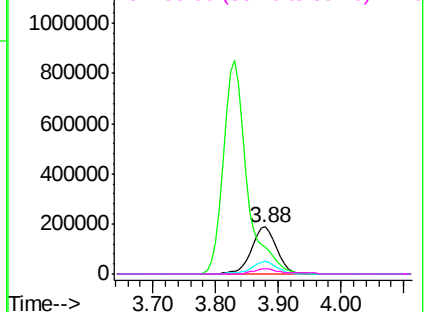


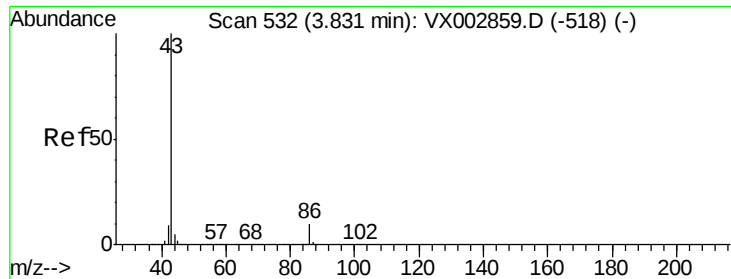
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

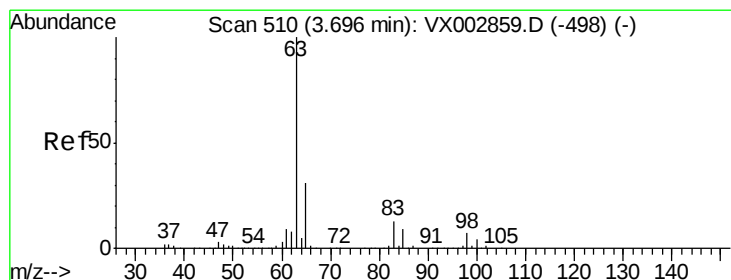
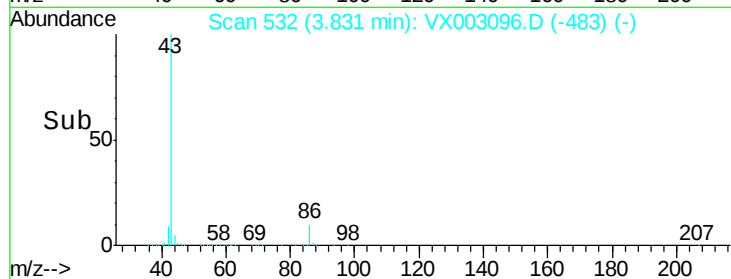
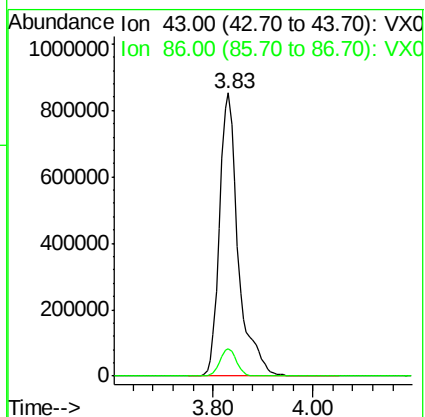
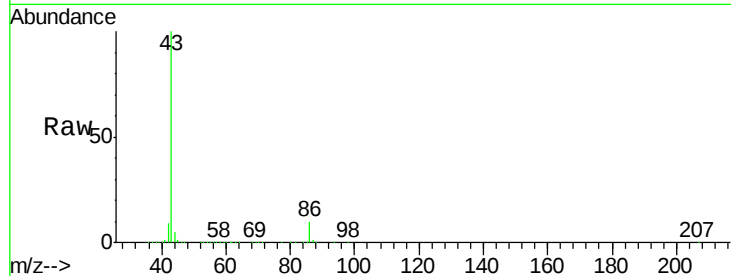
BFB

Tot Ion: 43 Resp: 2213191

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 47.27 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

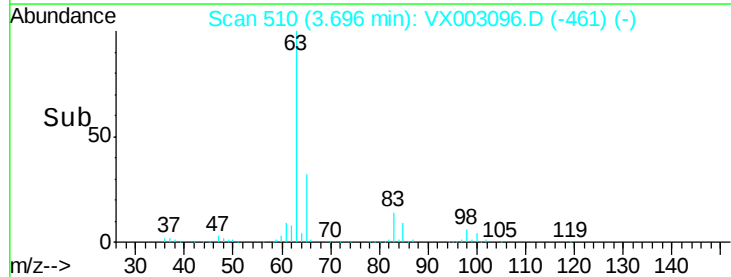
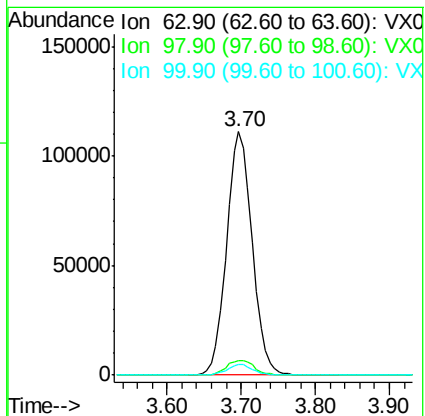
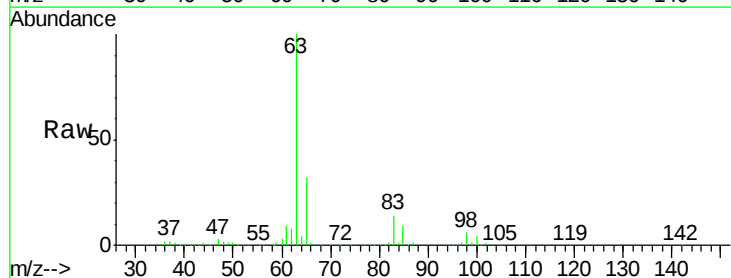
Tgt Ion: 63 Resp: 266297

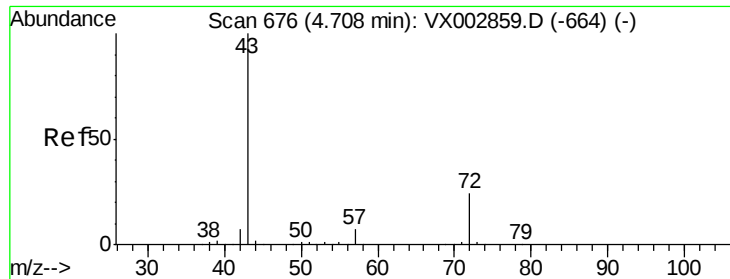
Ion Ratio Lower Upper

63 100

98 6.0 3.4 10.2

100 4.3 2.0 6.0





#25

2-Butanone

Concen: 253.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

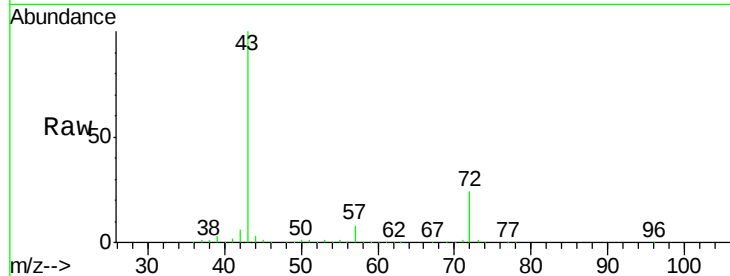
BFB

Tot Ion: 43 Resp: 601635

Ion Ratio Lower Upper

43 100

72 23.9 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

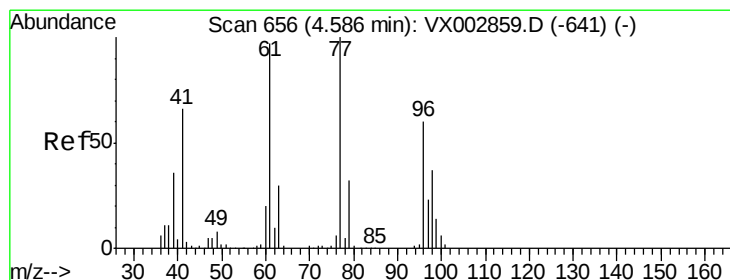
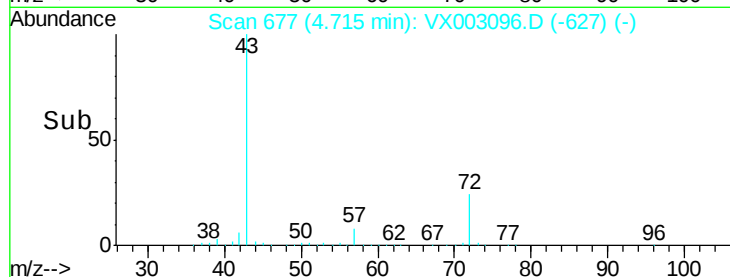
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 32.39 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003096.D

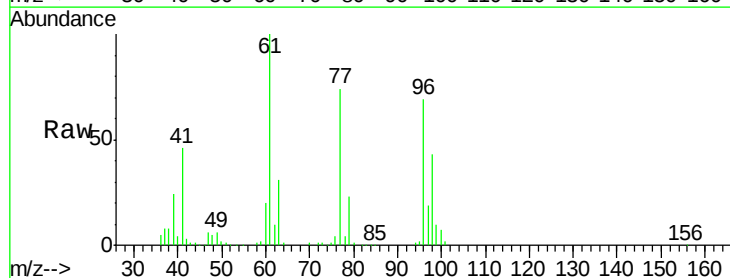
Acq: 30 Jun 2018 23:48

Tgt Ion: 77 Resp: 148370

Ion Ratio Lower Upper

77 100

97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

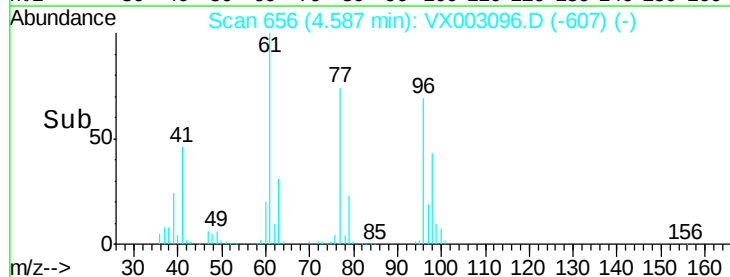
20000

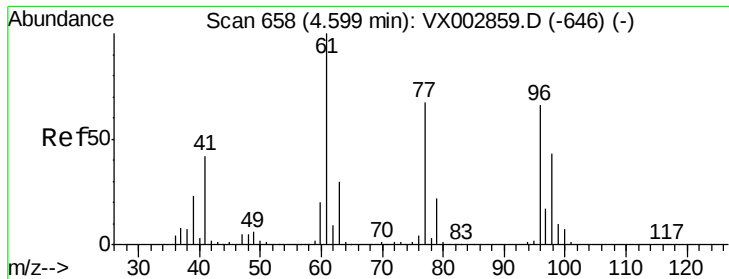
10000

0

4.40 4.50 4.60 4.70

Time-->



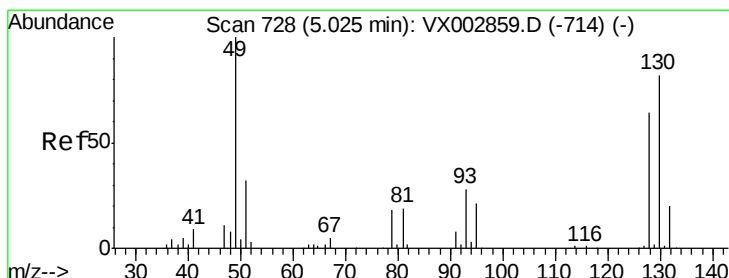
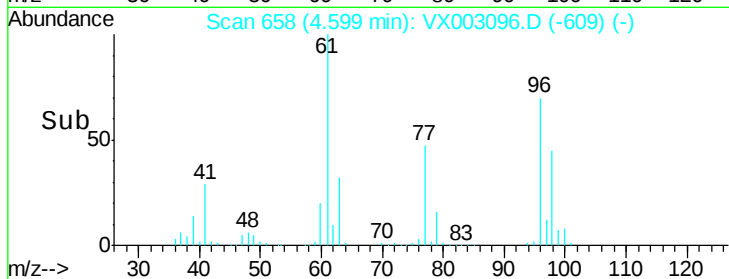
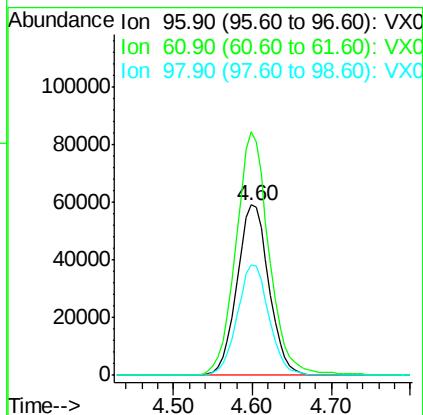
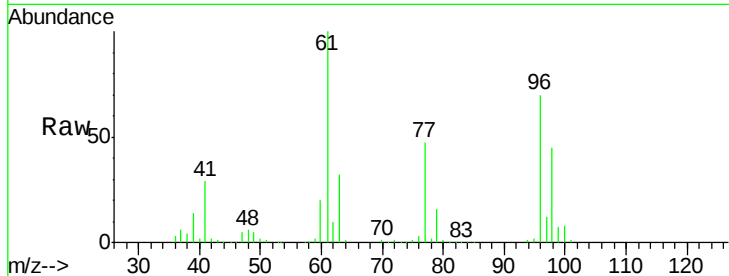


#27

cis-1,2-Dichloroethene
Concen: 49.45 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

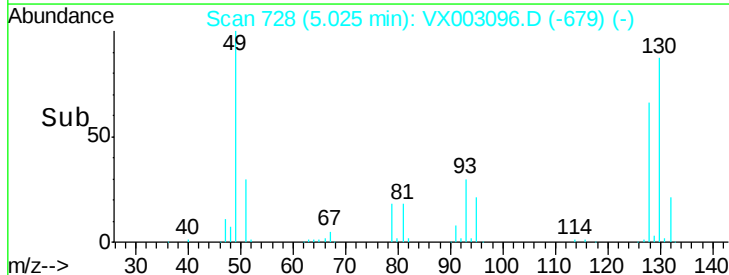
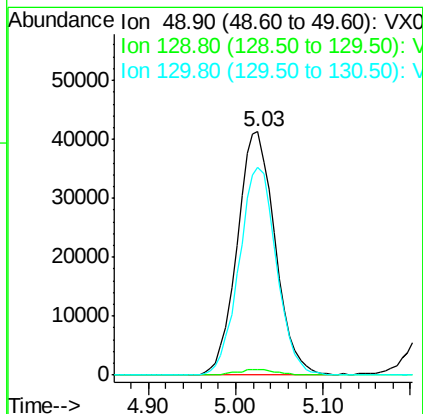
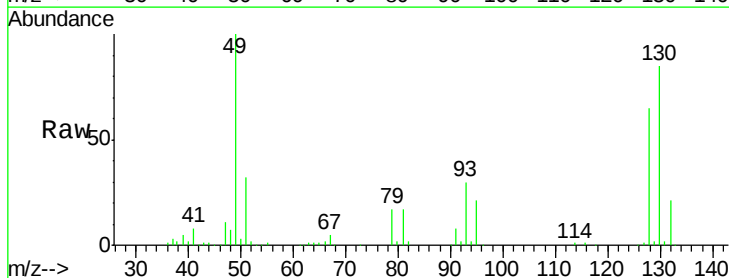
Tot Ion: 96 Resp: 166094
Ion Ratio Lower Upper
96 100
61 148.4 0.0 330.2
98 64.6 0.0 130.2

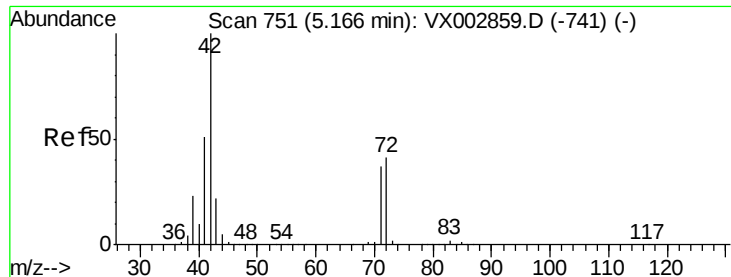


#28

Bromochloromethane
Concen: 46.24 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 49 Resp: 124672
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 84.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 253.17 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

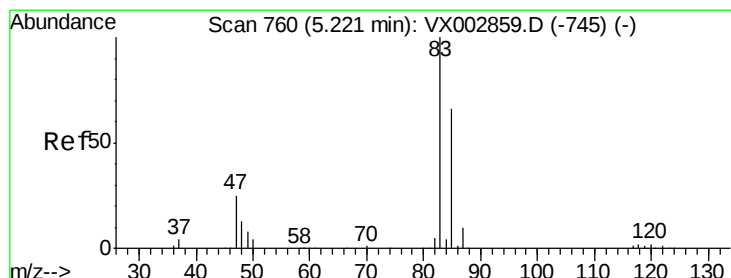
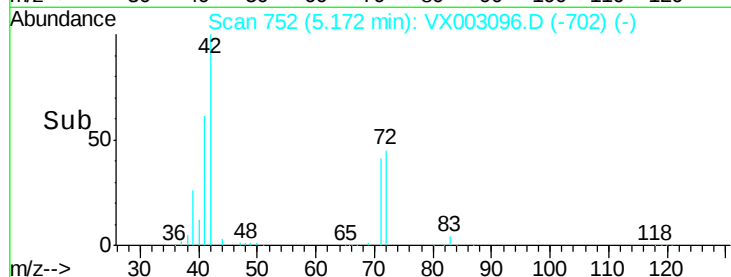
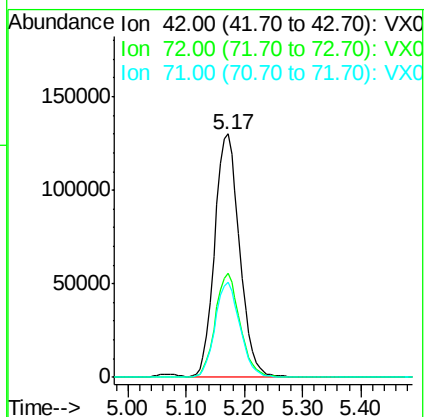
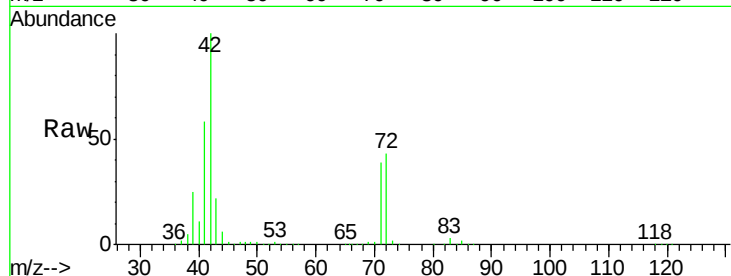
Tot Ion: 42 Resp: 384653

Ion Ratio Lower Upper

42 100

72 42.5 32.0 48.0

71 38.9 30.1 45.1



#30

Chloroform

Concen: 48.38 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003096.D

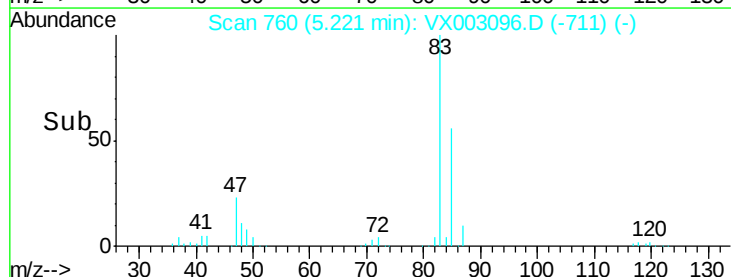
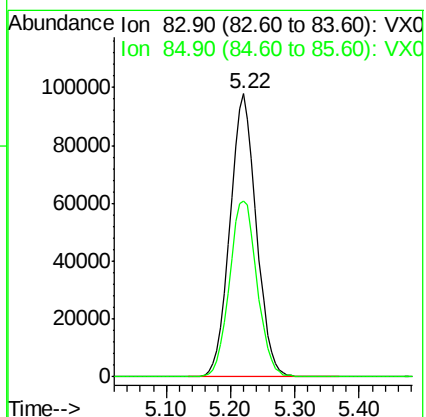
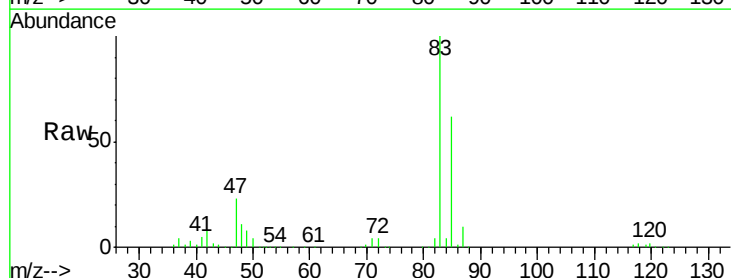
Acq: 30 Jun 2018 23:48

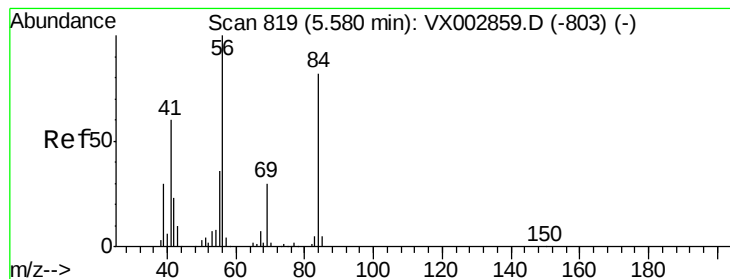
Tgt Ion: 83 Resp: 279710

Ion Ratio Lower Upper

83 100

85 62.2 50.4 75.6





#31

Cyclohexane

Concen: 46.84 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

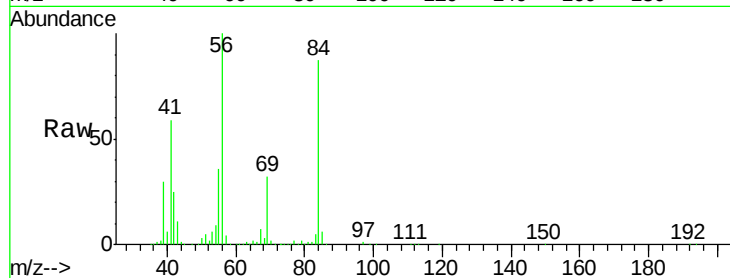
Tot Ion: 56 Resp: 226462

Ion Ratio Lower Upper

56 100

69 31.5 23.7 35.5

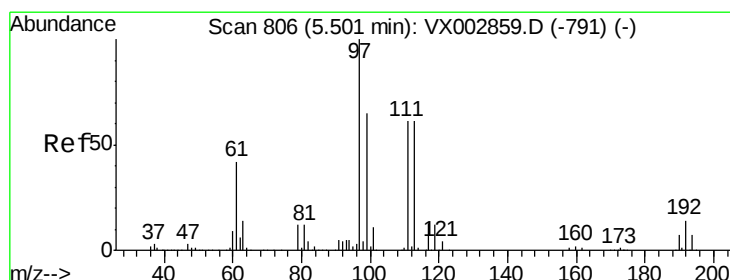
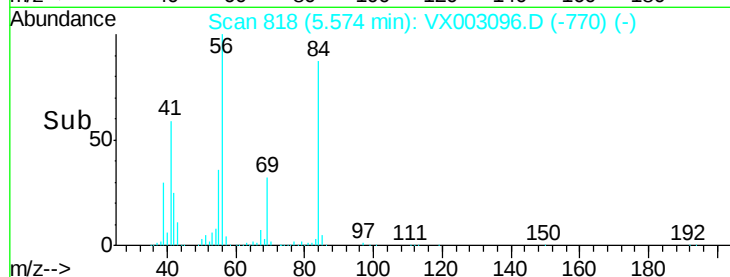
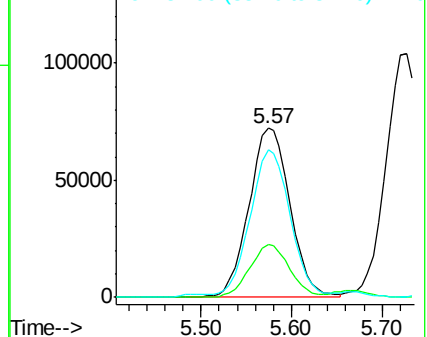
84 85.2 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.63 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

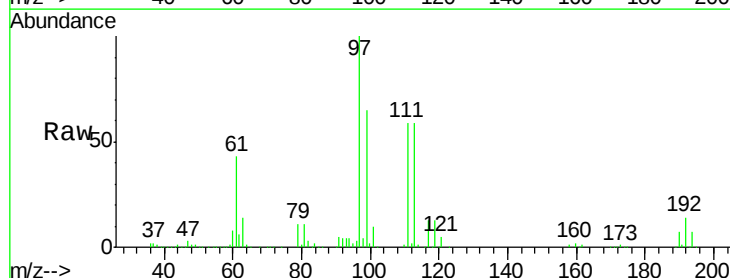
Tgt Ion: 97 Resp: 247367

Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

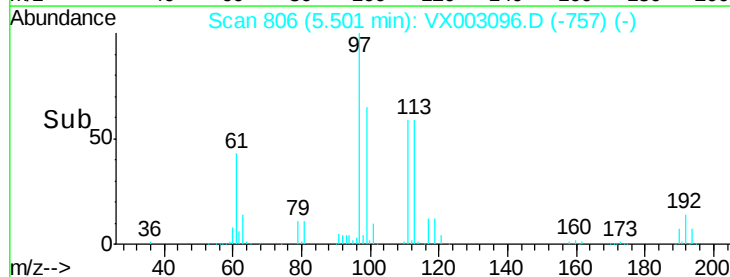
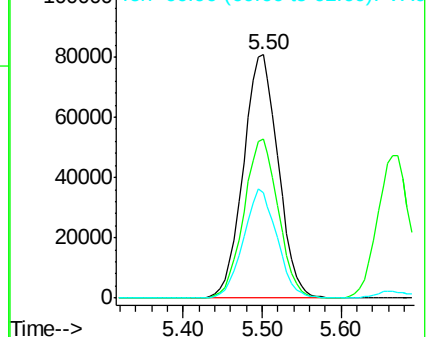
61 43.4 36.4 54.6

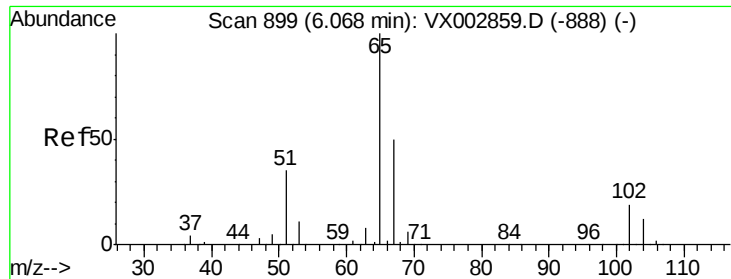


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

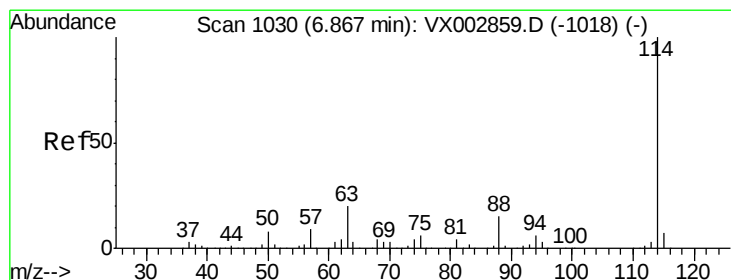
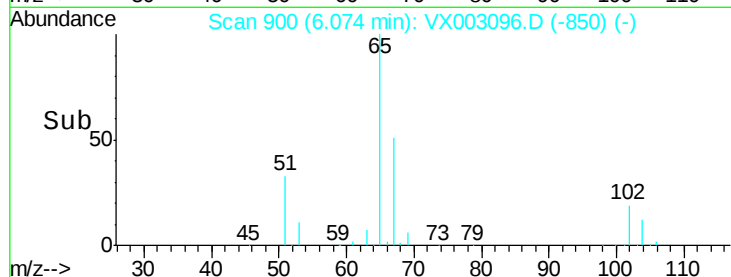
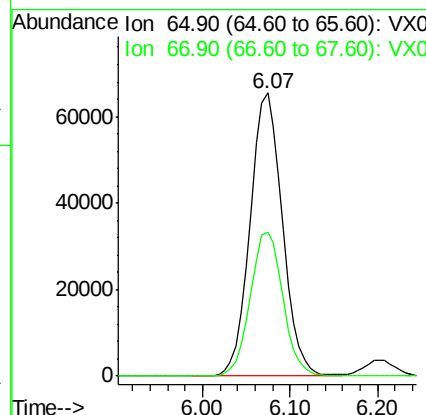
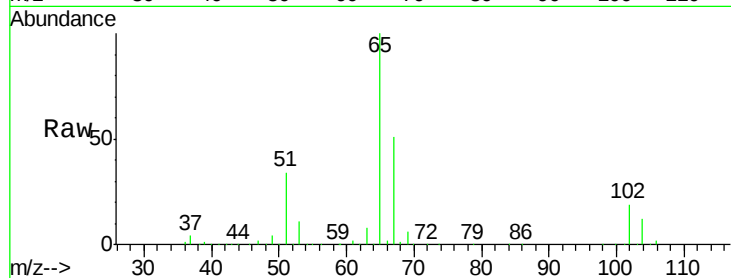




#33
 1,2-Dichloroethane-d4
 Concen: 43.67 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

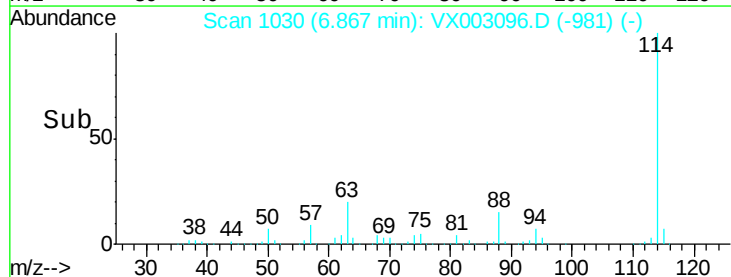
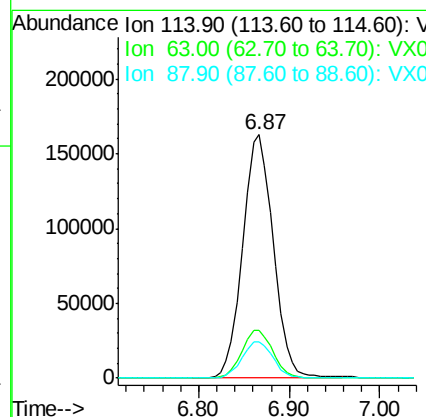
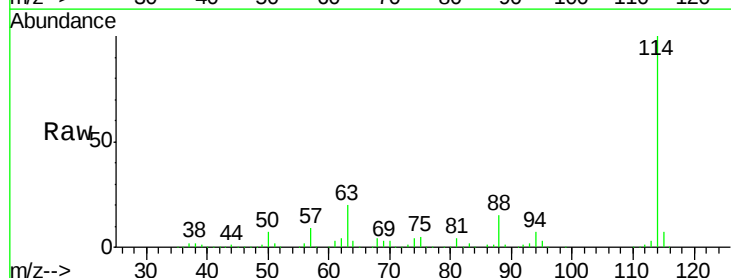
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

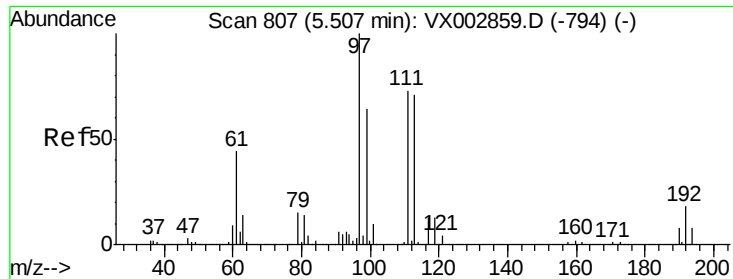
Tot Ion: 65 Resp: 168347
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 114 Resp: 381177
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.1 0.0 30.0

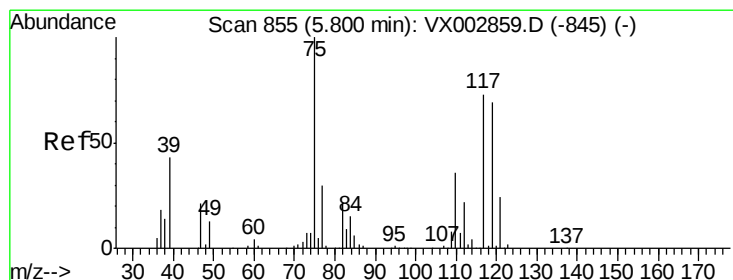
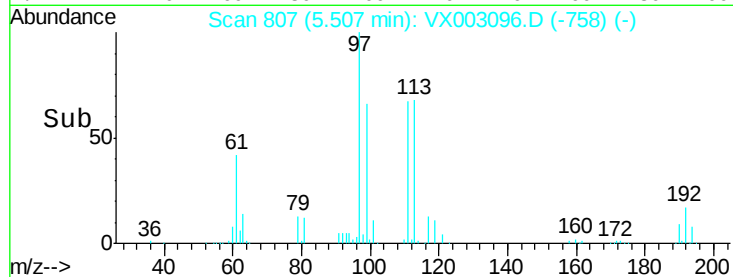
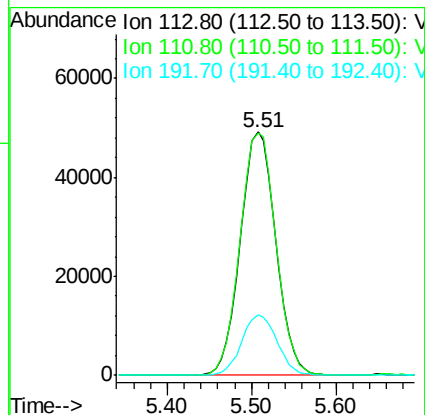
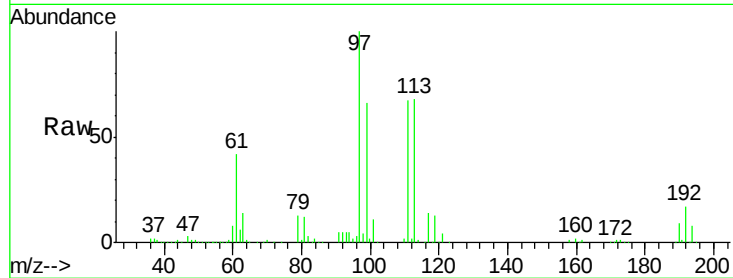




#35
 Dibromofluoromethane
 Concen: 46.47 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

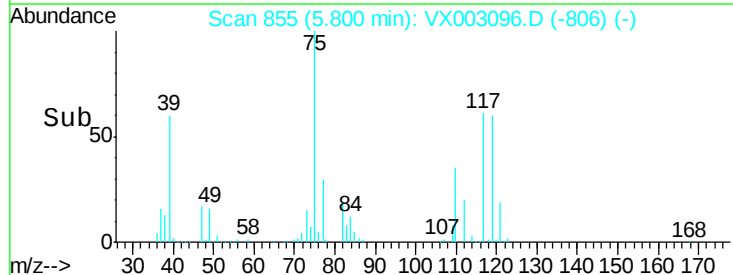
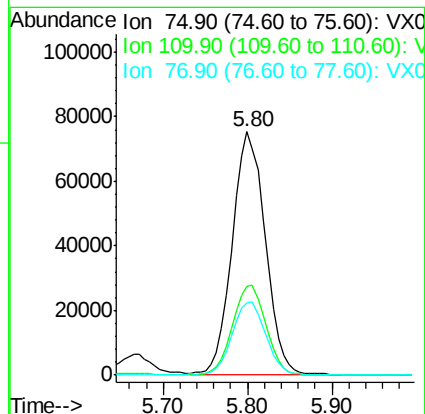
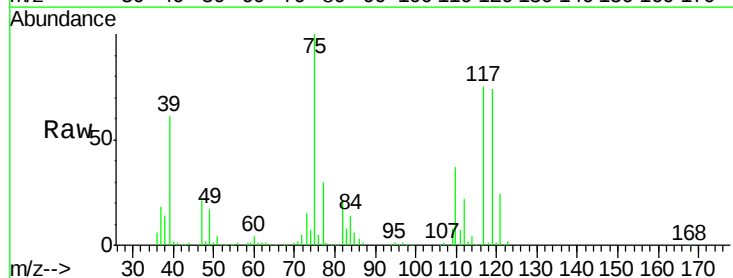
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

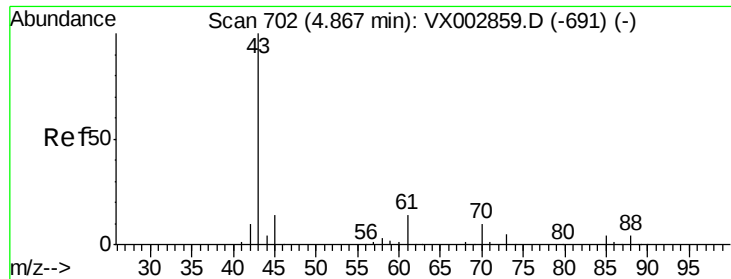
Tot Ion:113 Resp: 140272
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.4 122.0
 192 24.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 47.84 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 75 Resp: 199985
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.1 54.4
 77 30.8 24.3 36.5

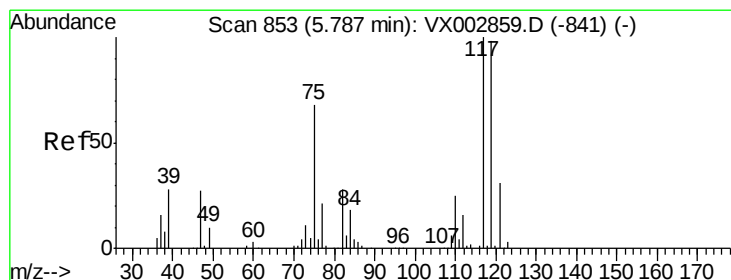
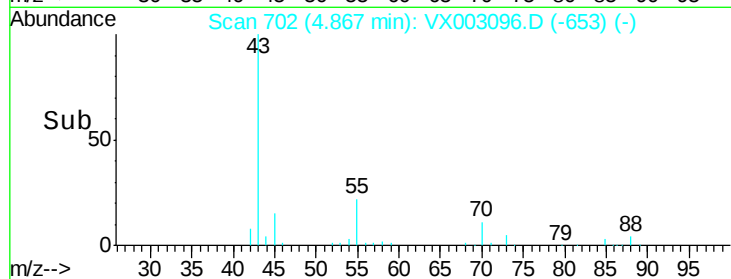
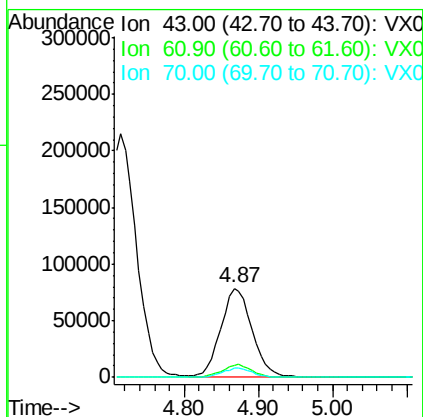
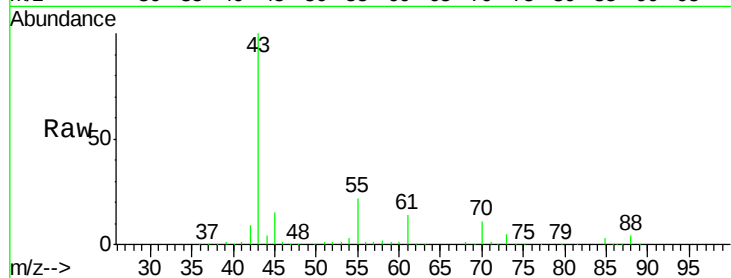




#37
Ethyl Acetate
Concen: 51.18 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

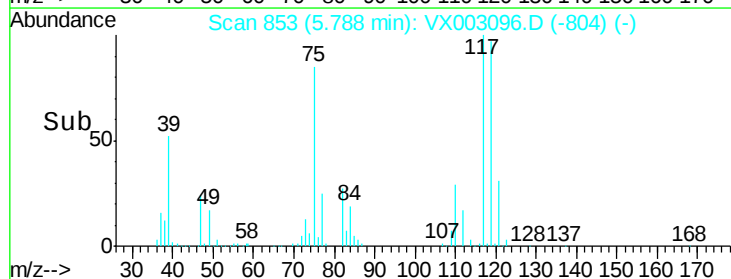
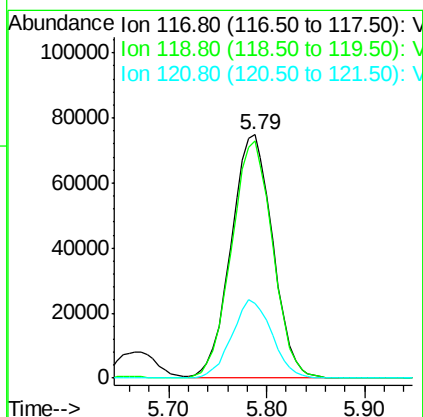
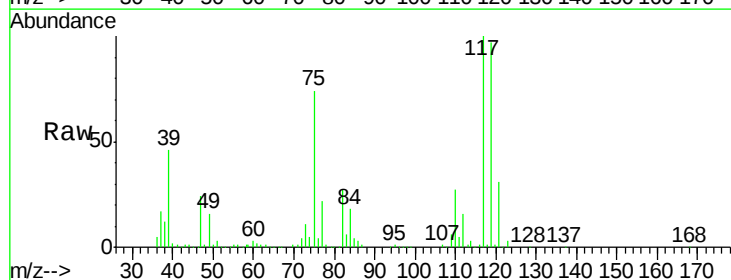
Instrument :
MSVOA_X
ClientSampled :
BFB

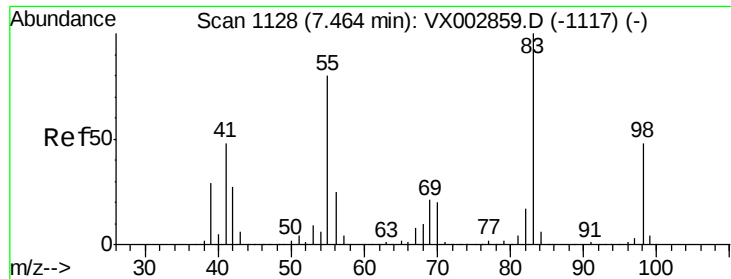
Tot Ion: 43 Resp: 230353
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 10.2 7.6 11.4



#38
Carbon Tetrachloride
Concen: 47.98 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 117 Resp: 220071
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 30.9 24.4 36.6

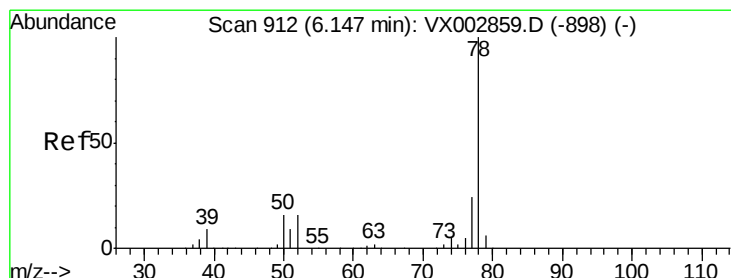
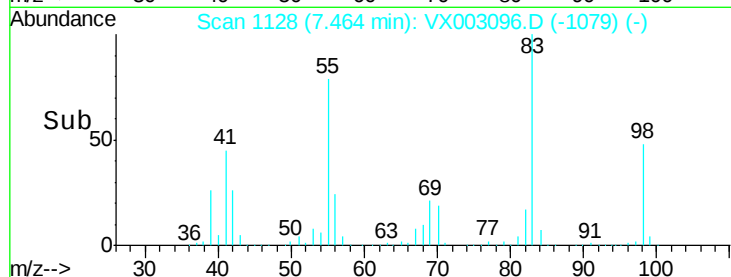
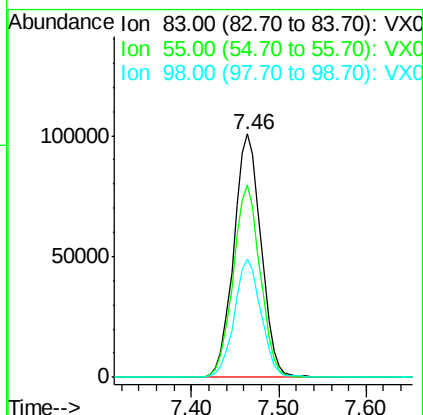
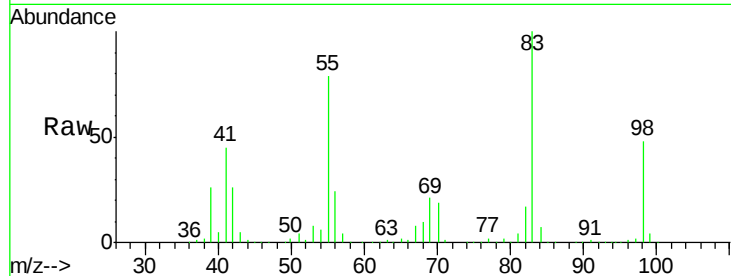




#39
Methvlcvclohexane
Concen: 45.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

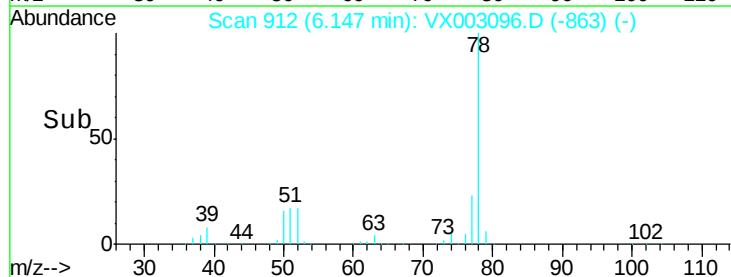
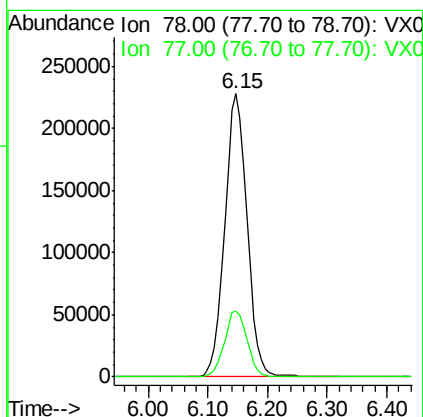
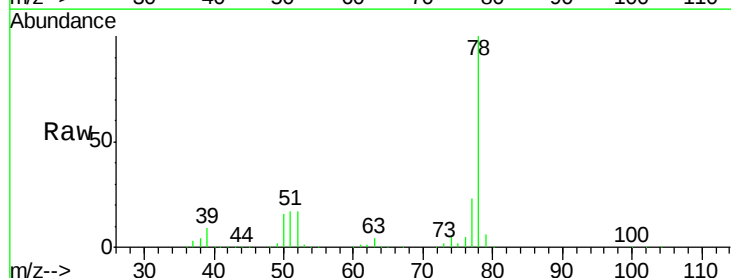
Instrument :
MSVOA_X
ClientSampleId :
BFB

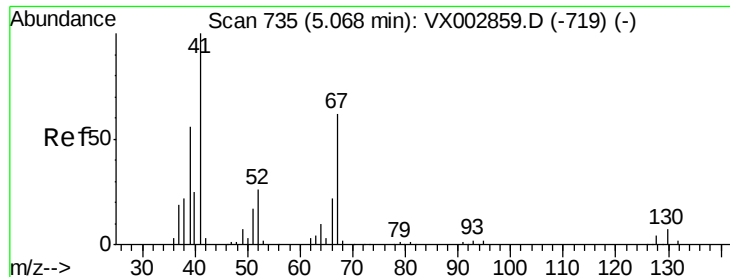
Tot Ion: 83 Resp: 219090
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 48.3 37.4 56.0



#40
Benzene
Concen: 48.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 78 Resp: 594241
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7

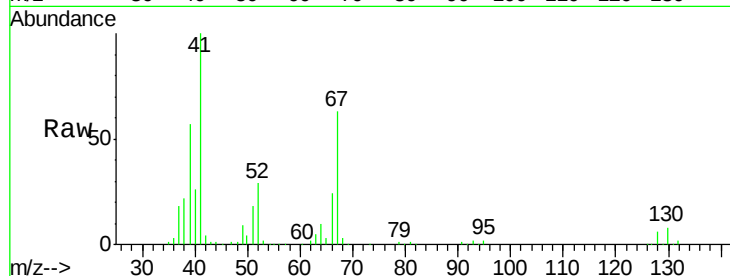




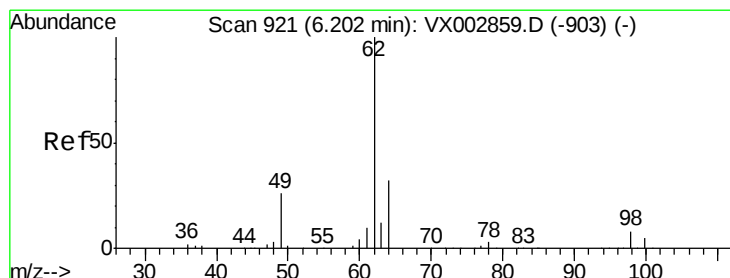
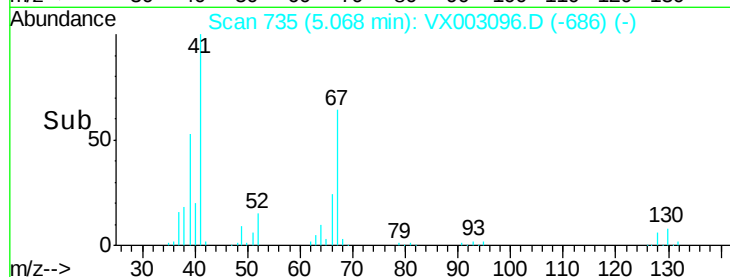
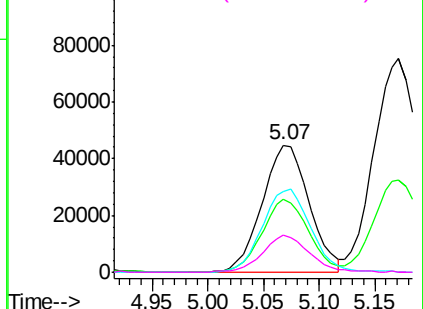
#41
Methacrylonitrile
Concen: 50.40 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 41 Resp: 130634
Ion Ratio Lower Upper
41 100
39 56.8 45.8 68.6
67 67.8 51.3 76.9
52 28.5 23.0 34.6

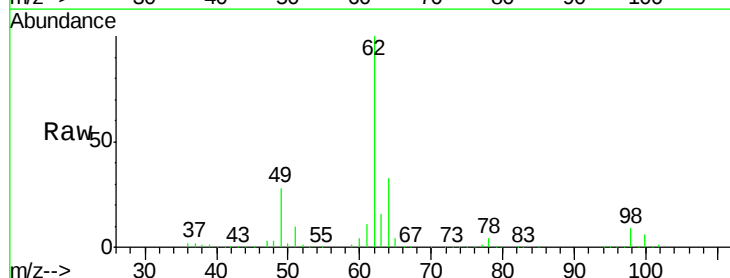


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

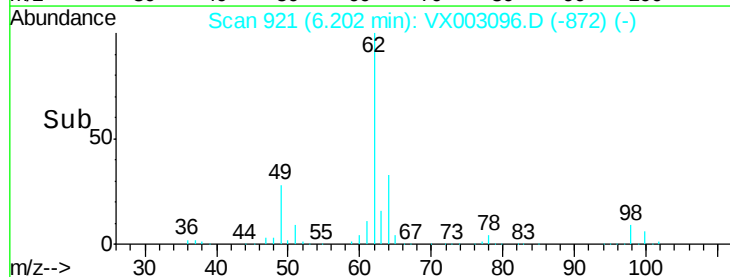
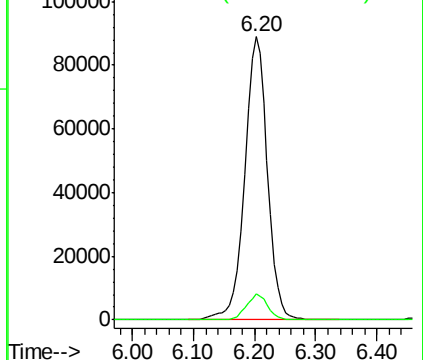


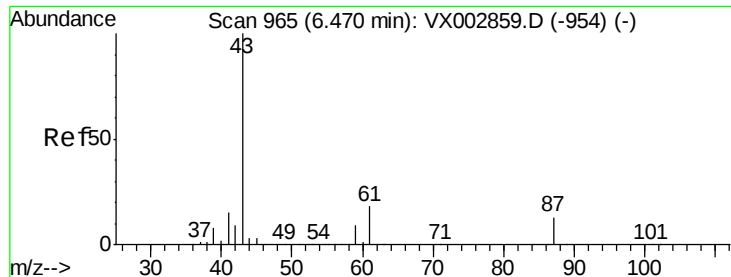
#42
1,2-Dichloroethane
Concen: 46.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 62 Resp: 229353
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.6



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



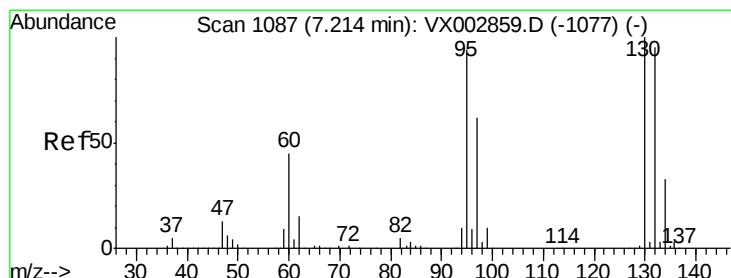
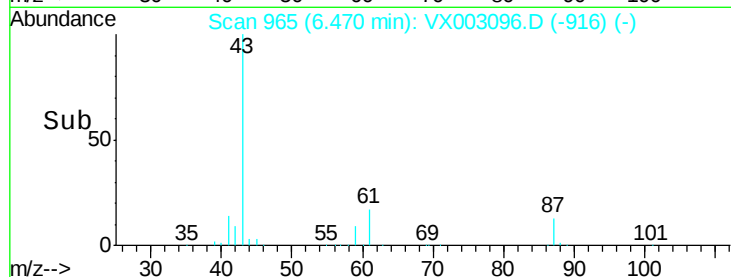
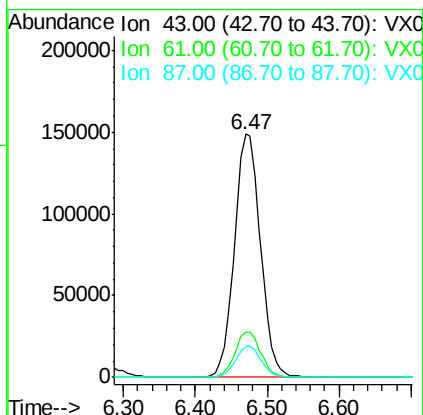
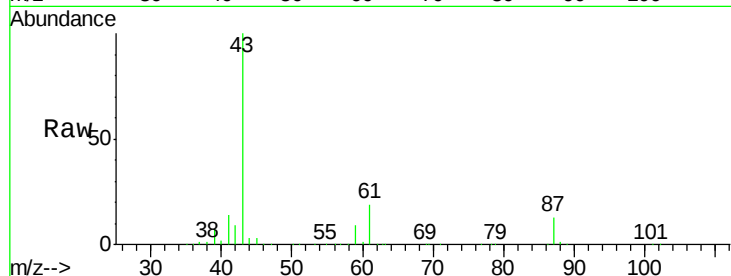


#43

Isopropyl Acetate
 Concen: 49.32 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

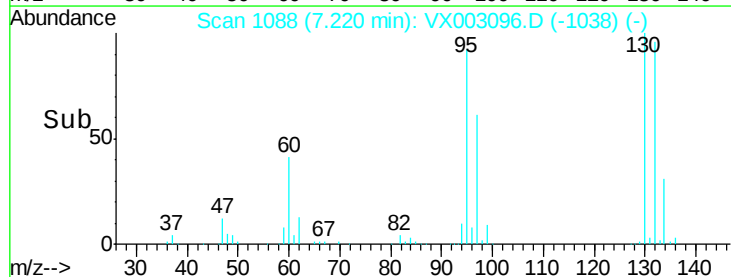
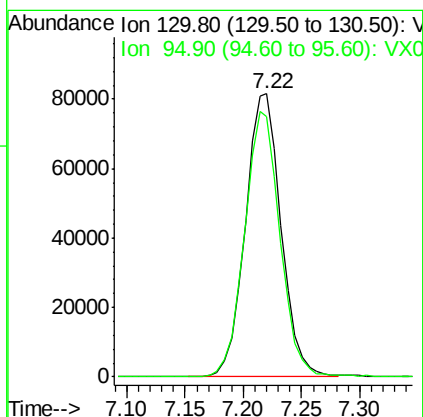
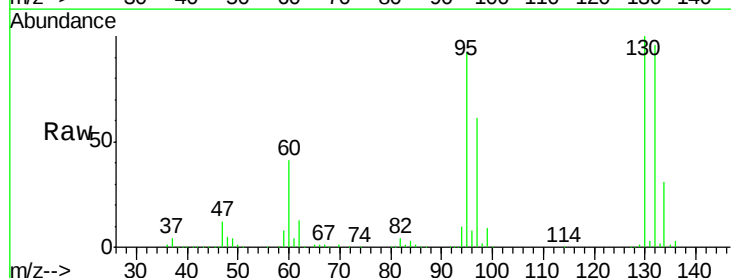
Tot Ion: 43 Resp: 372300
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.4 21.6
 87 12.6 9.5 14.3

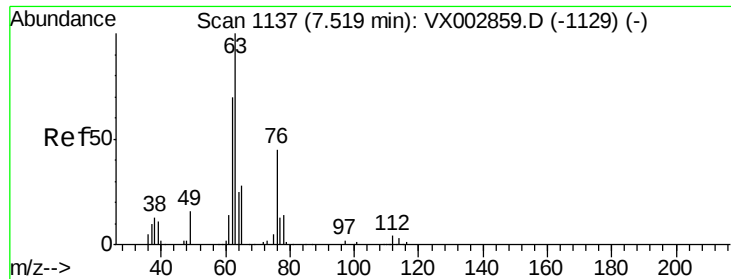


#44

Trichloroethene
 Concen: 48.12 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 130 Resp: 174253
 Ion Ratio Lower Upper
 130 100
 95 91.8 0.0 185.4





#45

1,2-Dichloropropane

Concen: 49.10 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

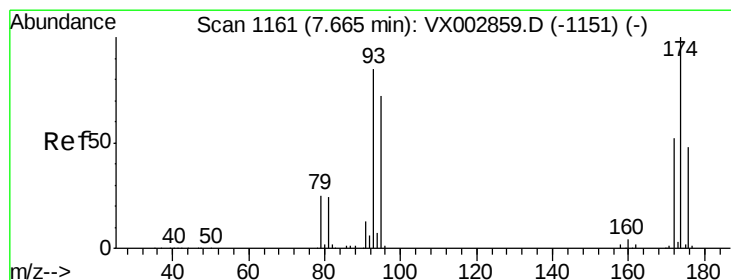
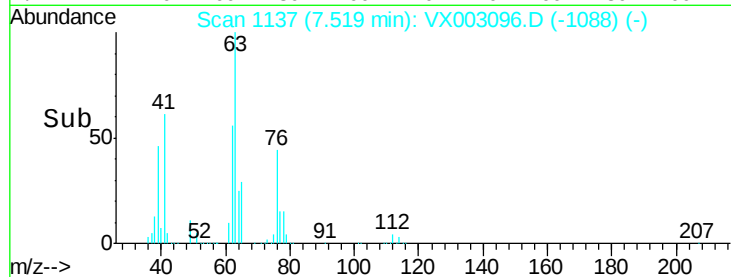
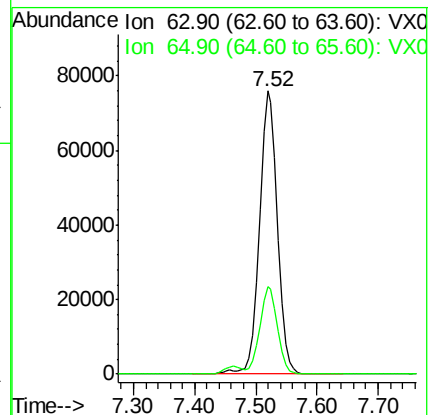
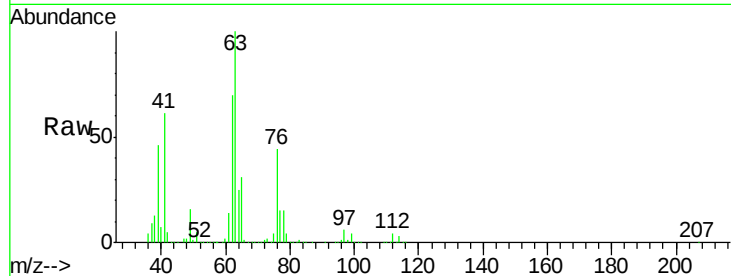
BFB

Tot Ion: 63 Resp: 158176

Ion Ratio Lower Upper

63 100

65 30.8 24.7 37.1



#46

Dibromomethane

Concen: 47.87 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

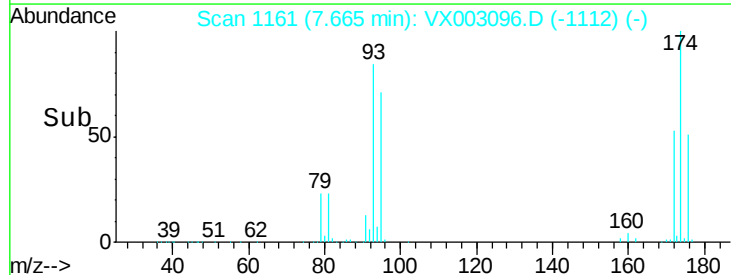
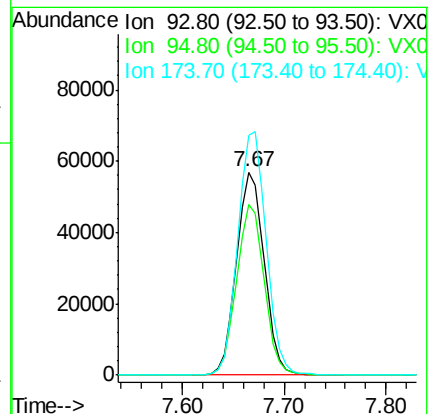
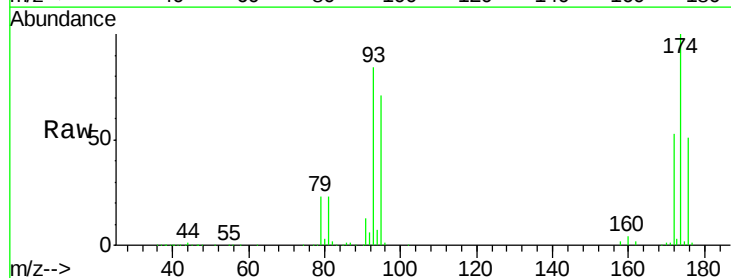
Tgt Ion: 93 Resp: 107030

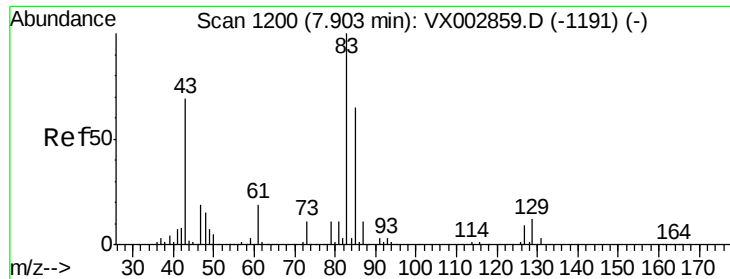
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 123.0 92.4 138.6





#47

Bromodichloromethane

Concen: 49.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

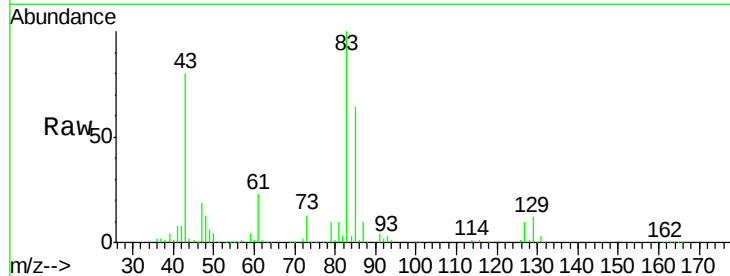
Tot Ion: 83 Resp: 206481

Ion Ratio Lower Upper

83 100

85 63.8 50.3 75.5

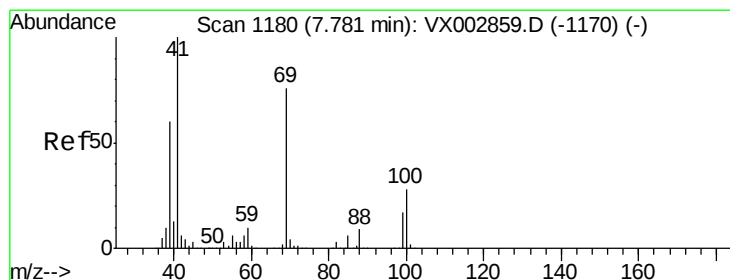
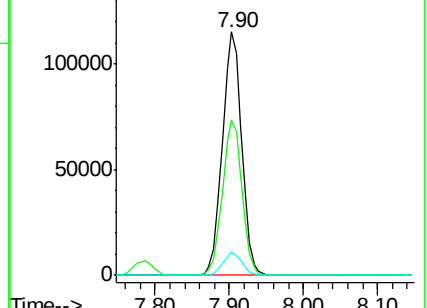
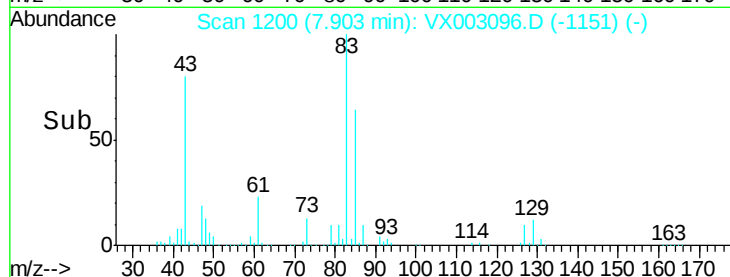
127 9.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.24 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

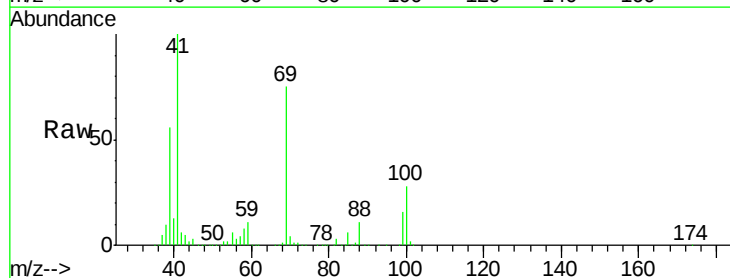
Tgt Ion: 41 Resp: 191495

Ion Ratio Lower Upper

41 100

69 78.3 59.1 88.7

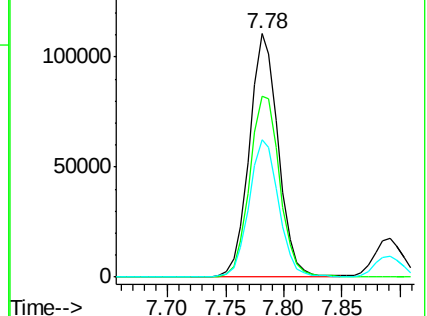
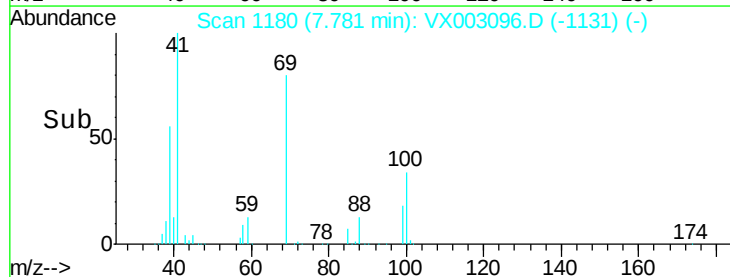
39 57.6 48.9 73.3

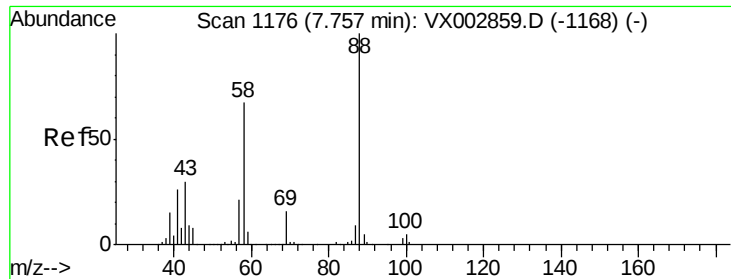


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

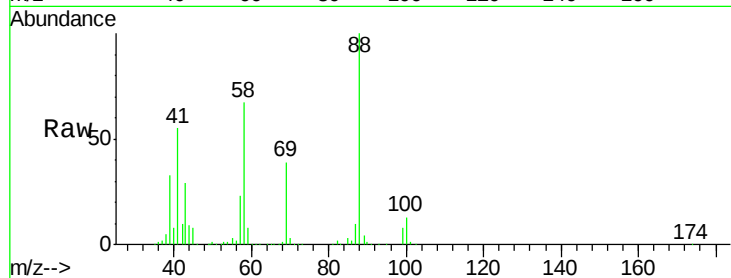




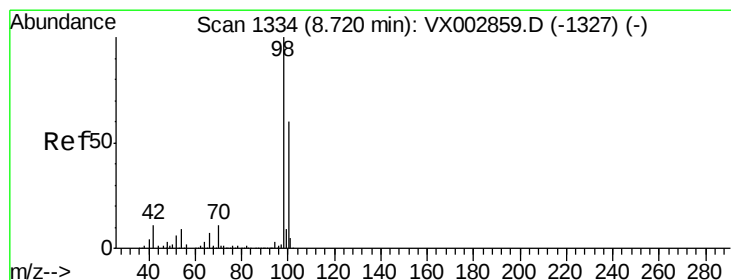
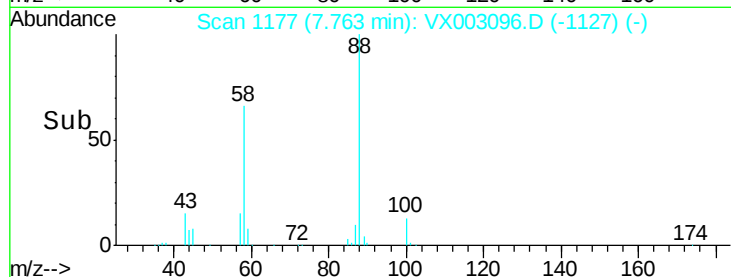
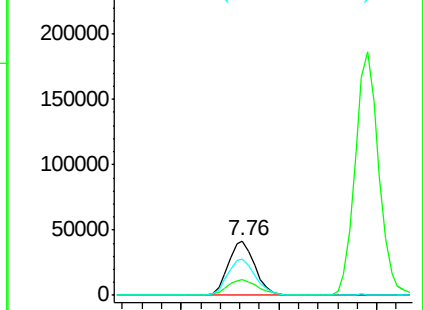
#49
1,4-Dioxane
Concen: 1041.56 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 88 Resp: 78814
Ion Ratio Lower Upper
88 100
43 33.5 29.8 44.6
58 69.2 57.1 85.7

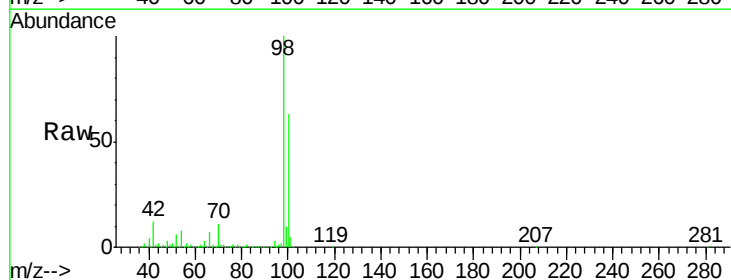


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

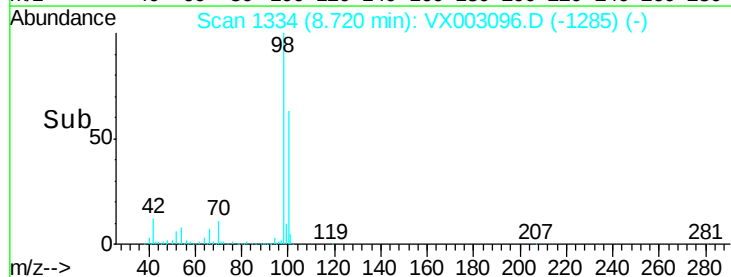
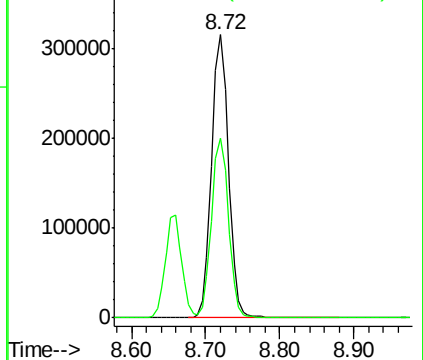


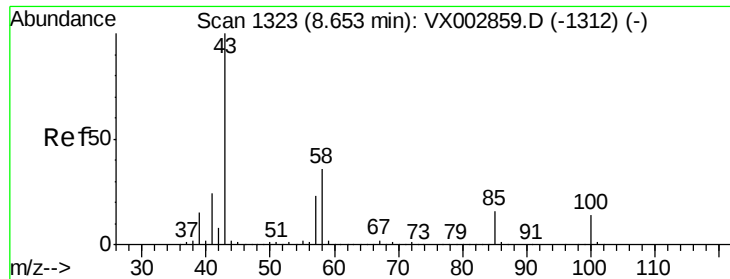
#50
Toluene-d8
Concen: 44.83 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 98 Resp: 494178
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 257.58 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

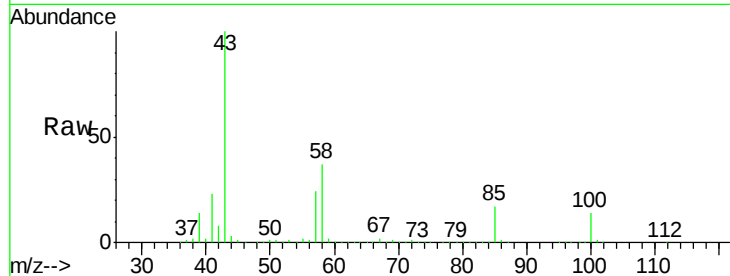
BFB

Tot Ion: 43 Resp: 1216453

Ion Ratio Lower Upper

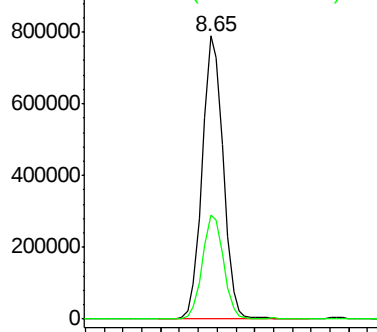
43 100

58 37.1 28.6 42.8

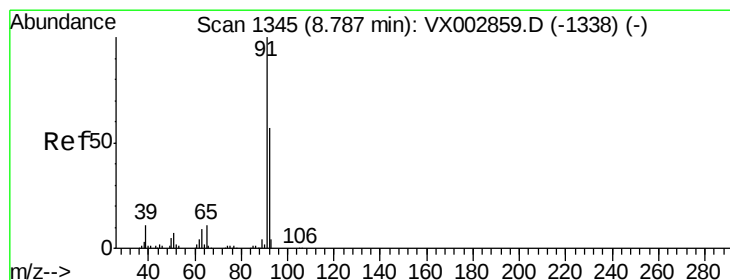
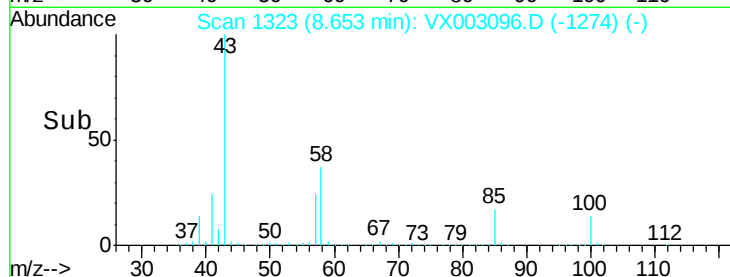


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.43 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003096.D

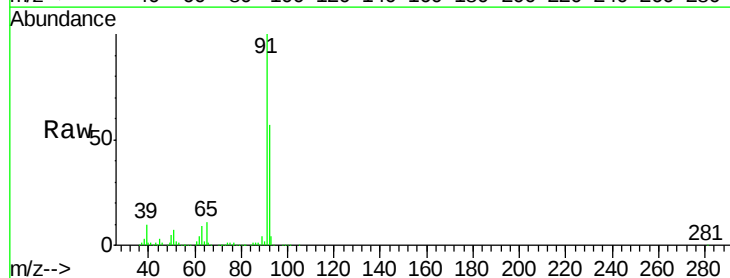
Acq: 30 Jun 2018 23:48

Tgt Ion: 92 Resp: 384602

Ion Ratio Lower Upper

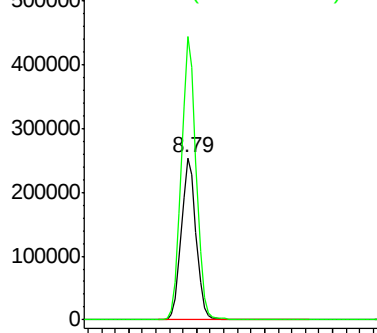
92 100

91 174.5 140.4 210.6

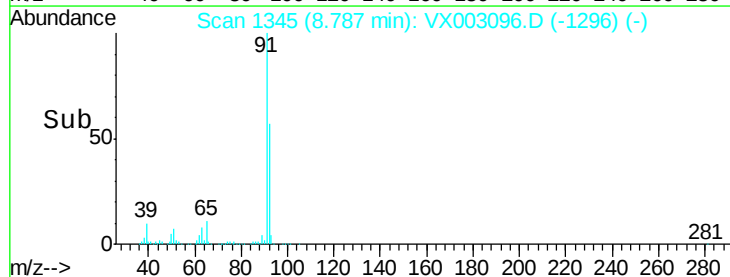


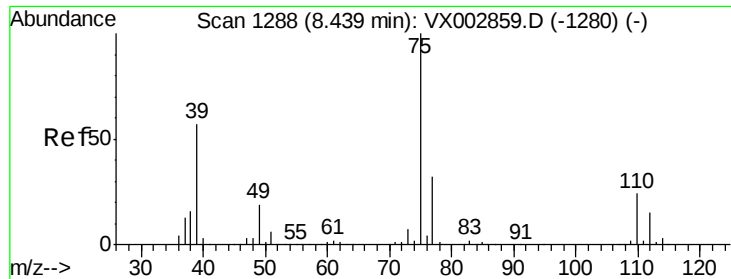
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

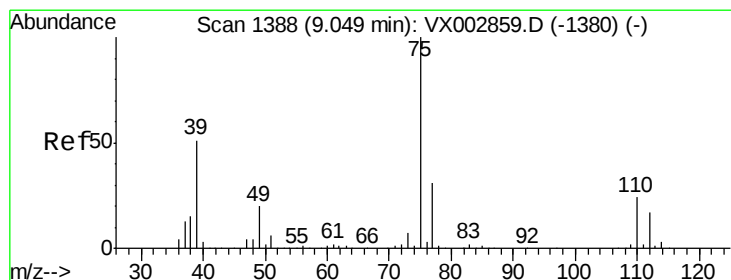
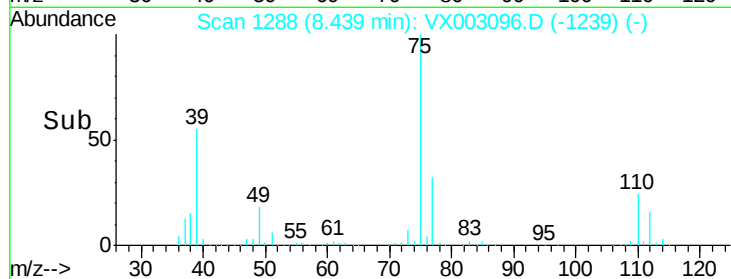
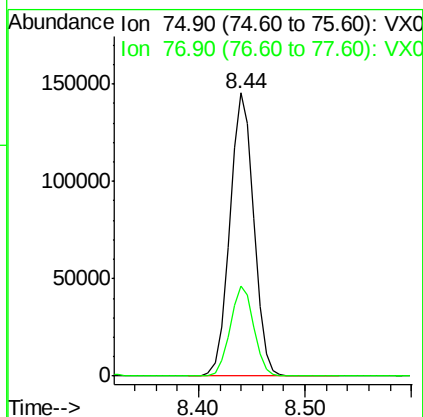
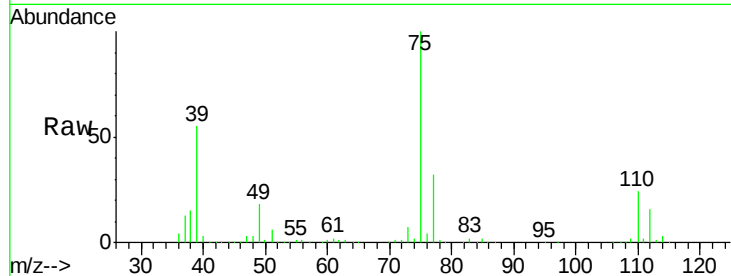




#53
t-1,3-Dichloropropene
Concen: 48.86 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

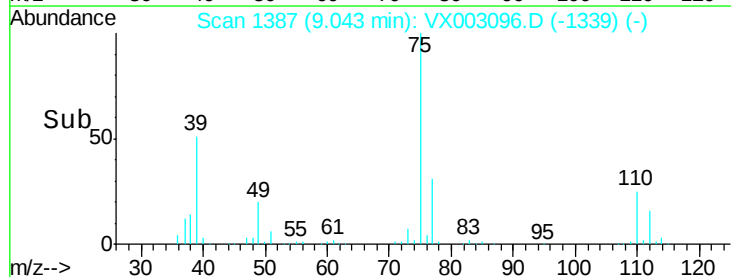
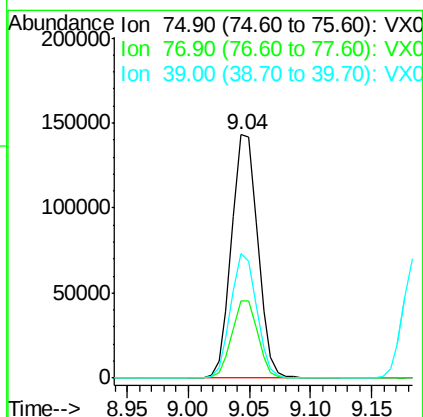
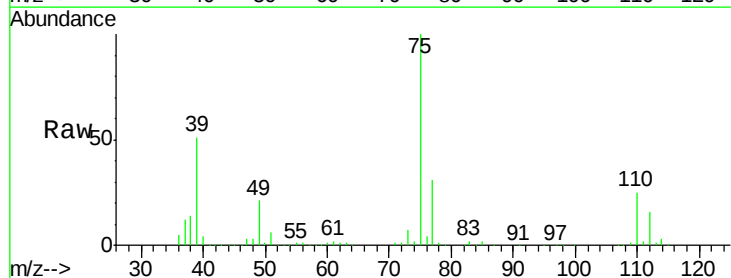
Instrument :
MSVOA_X
ClientSampleId :
BFB

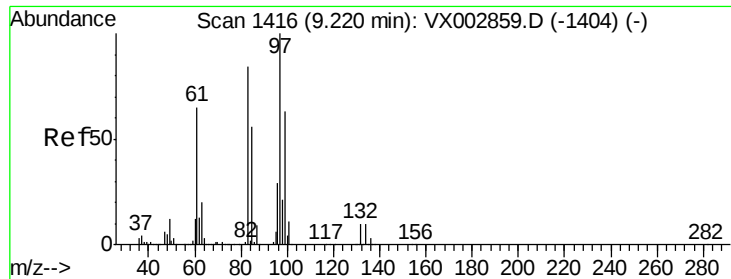
Tot Ion: 75 Resp: 228718
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.13 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 75 Resp: 212273
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 51.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 49.97 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tot Ion: 97 Resp: 159775

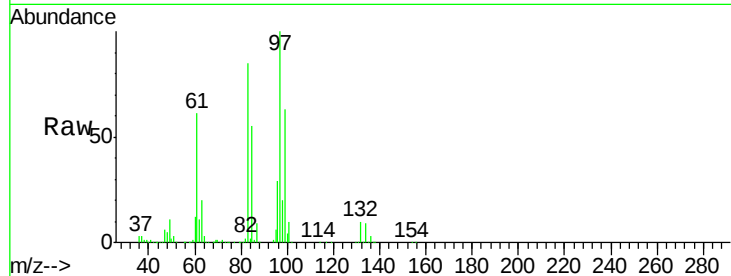
Ion Ratio Lower Upper

97 100

83 85.2 70.2 105.2

85 54.7 44.9 67.3

99 62.9 49.8 74.8

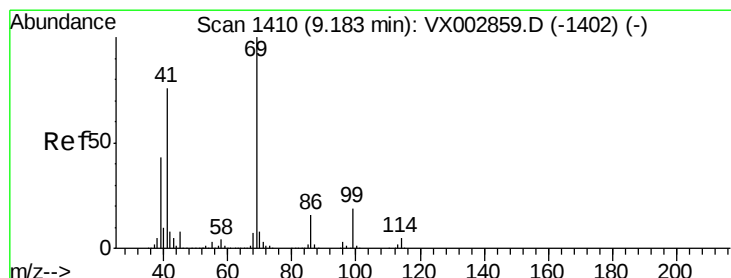
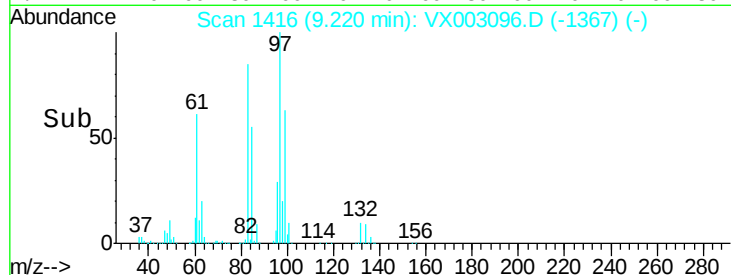
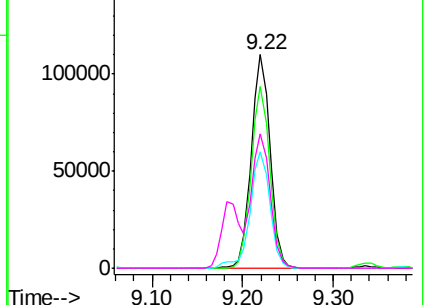


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.51 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

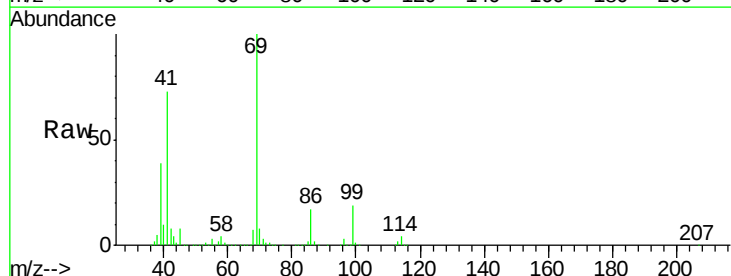
Tgt Ion: 69 Resp: 245341

Ion Ratio Lower Upper

69 100

41 71.3 60.3 90.5

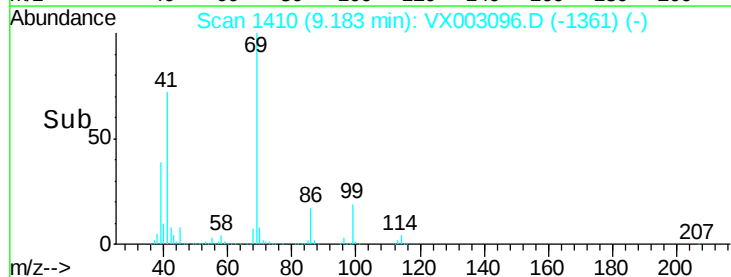
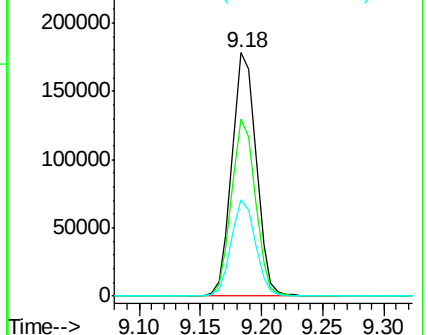
39 39.0 35.8 53.8

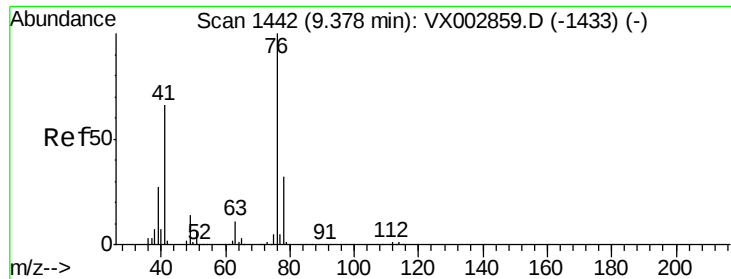


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

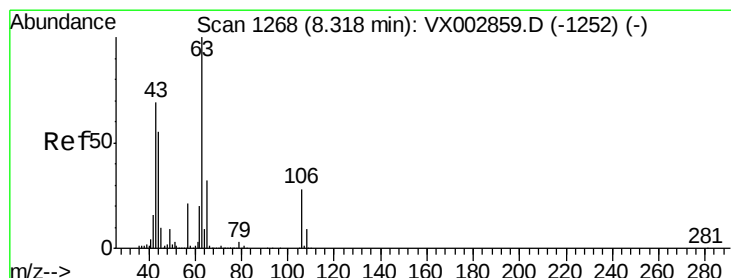
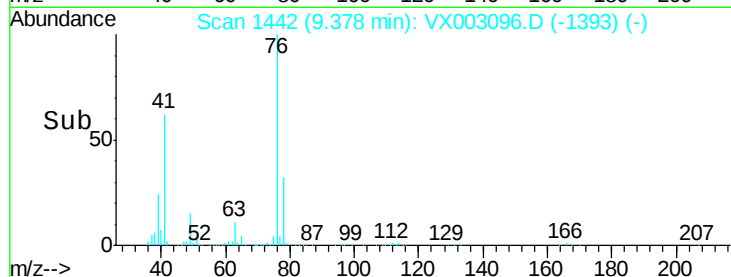
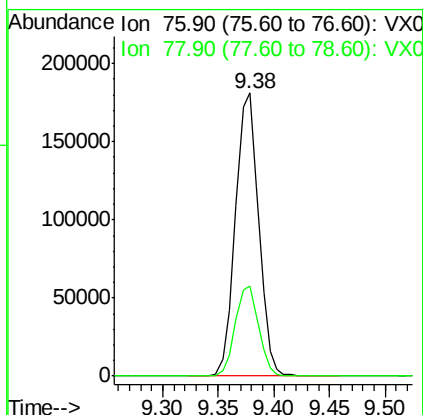
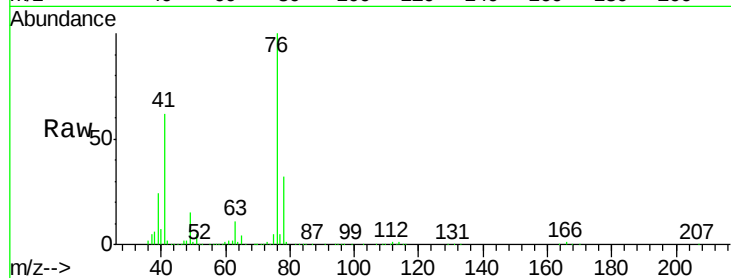




#57
 1,3-Dichloropropane
 Concen: 49.96 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

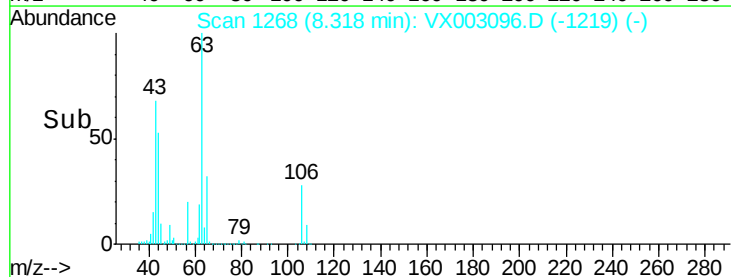
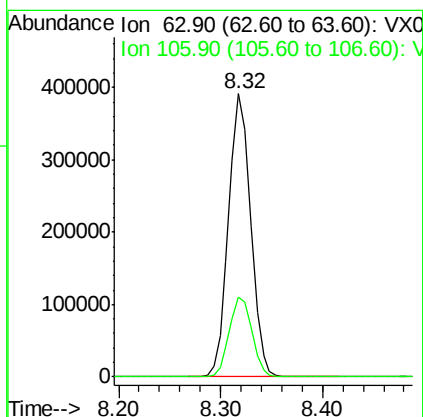
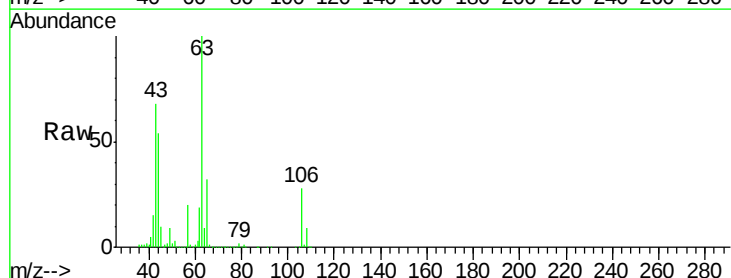
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

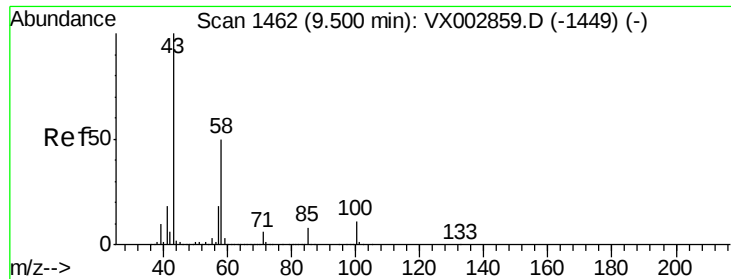
Tot Ion: 76 Resp: 262364
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.79 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 63 Resp: 587909
 Ion Ratio Lower Upper
 63 100
 106 28.9 21.8 32.8

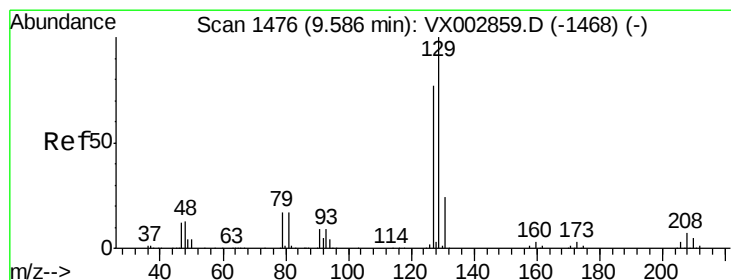
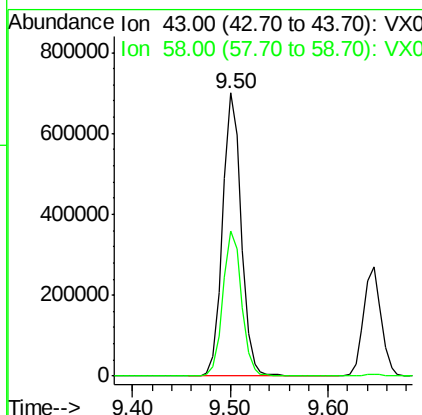
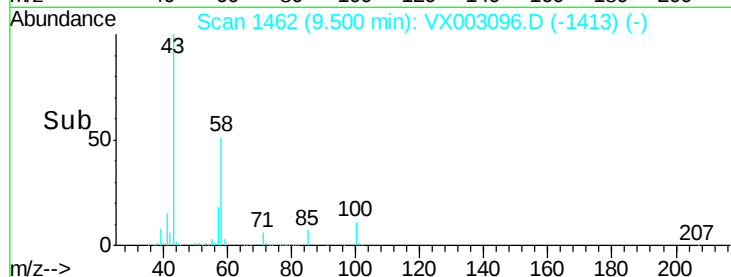
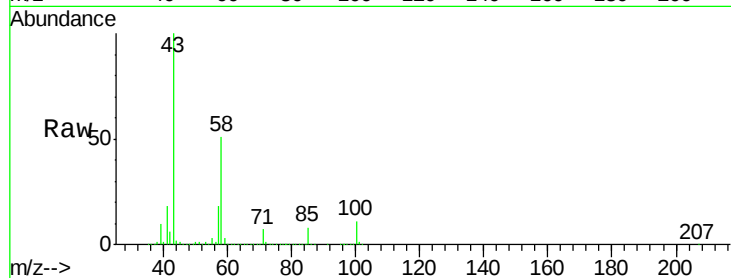




#59
2-Hexanone
Concen: 257.77 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

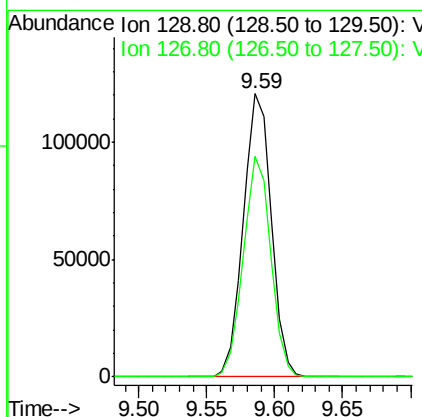
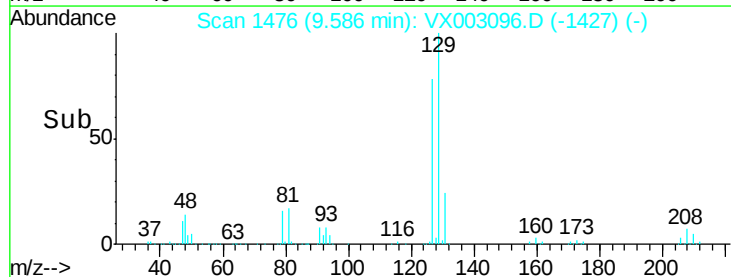
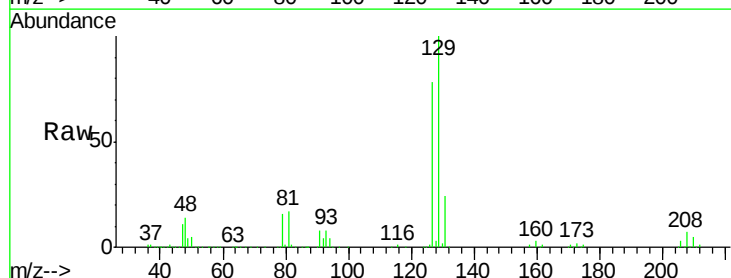
Instrument :
MSVOA_X
ClientSampleId :
BFB

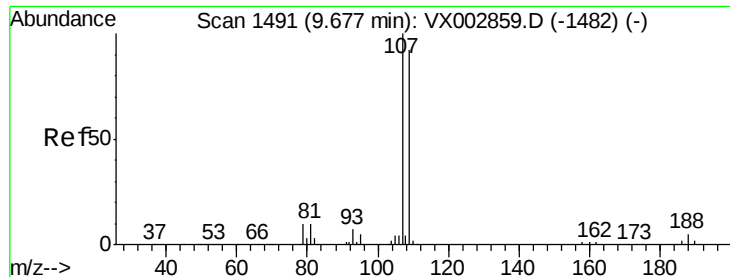
Tot Ion: 43 Resp: 925185
Ion Ratio Lower Upper
43 100
58 51.6 24.6 73.6



#60
Dibromochloromethane
Concen: 51.59 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 129 Resp: 173630
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.74 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

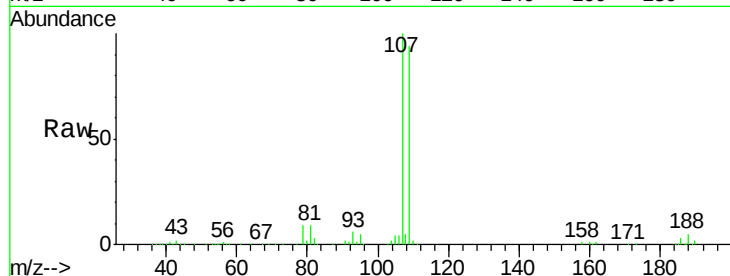
BFB

Tot Ion:107 Resp: 170169

Ion Ratio Lower Upper

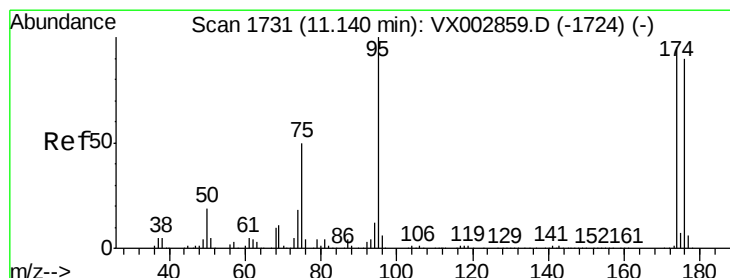
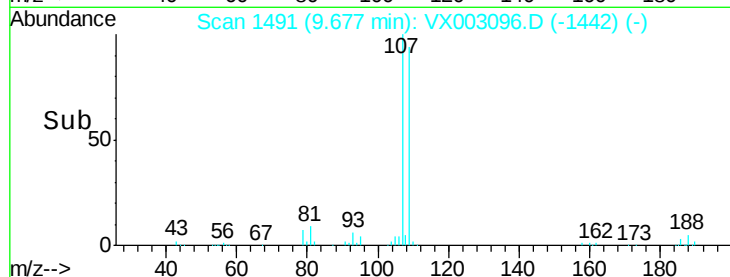
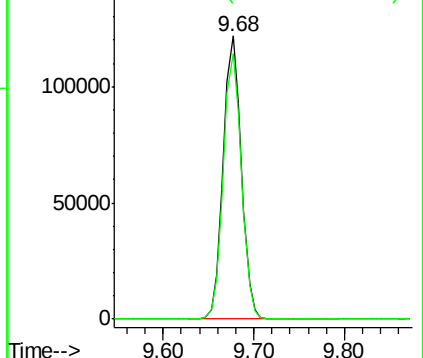
107 100

109 94.4 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: 45.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

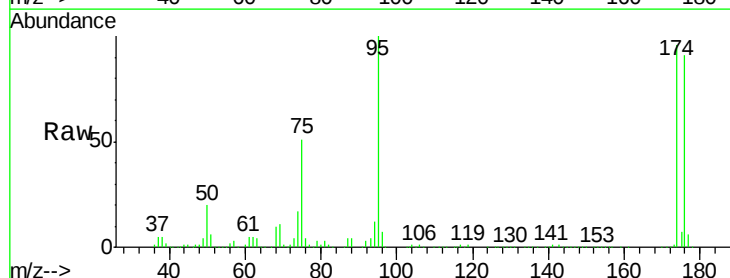
Tgt Ion: 95 Resp: 194779

Ion Ratio Lower Upper

95 100

174 97.3 0.0 187.4

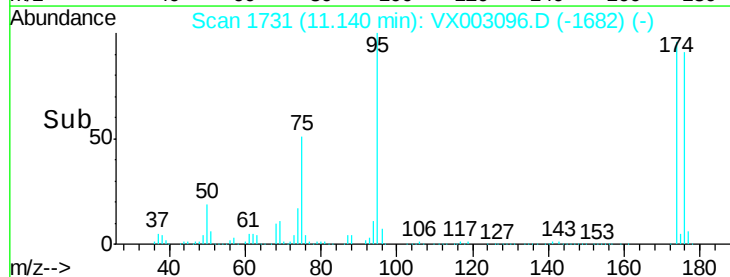
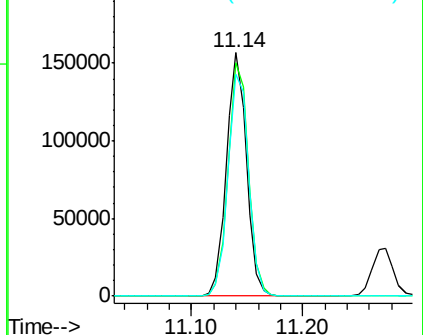
176 94.5 0.0 181.0

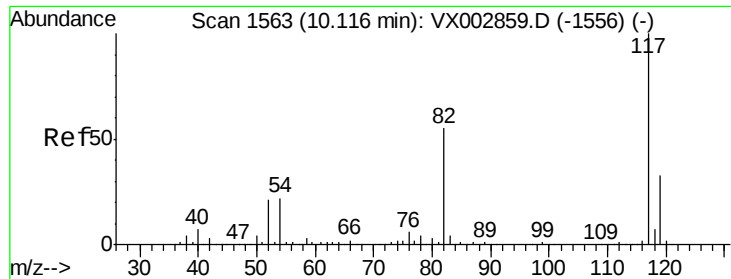


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

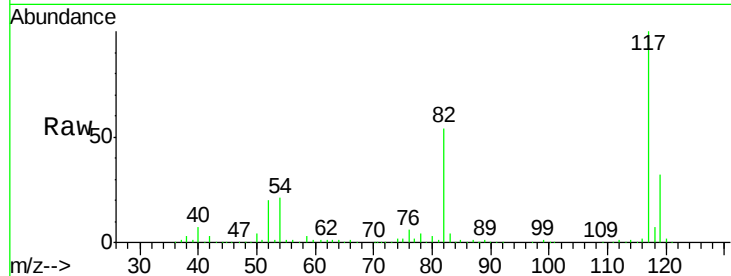




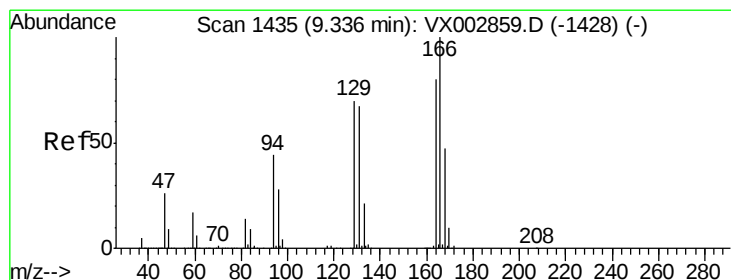
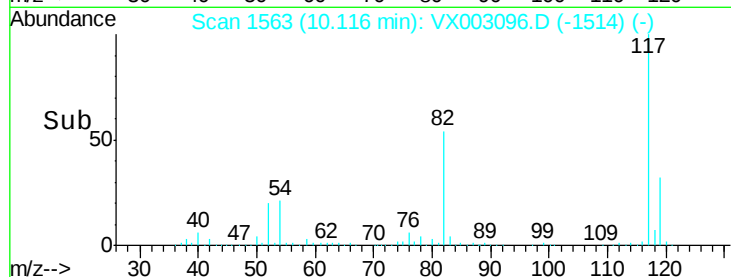
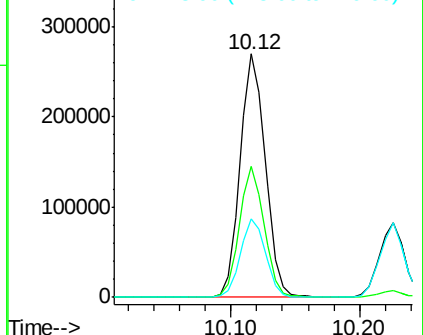
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion:117 Resp: 365812
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.3 25.8 38.6

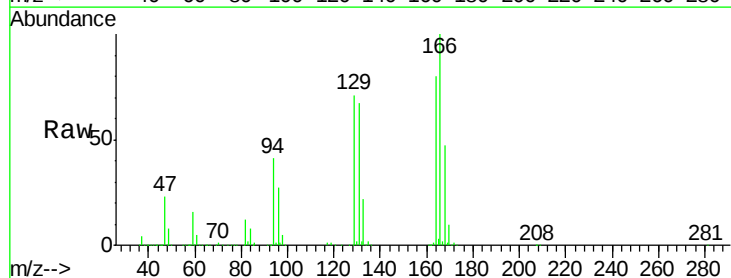


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

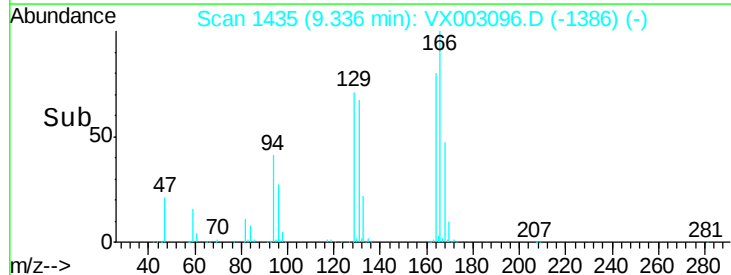
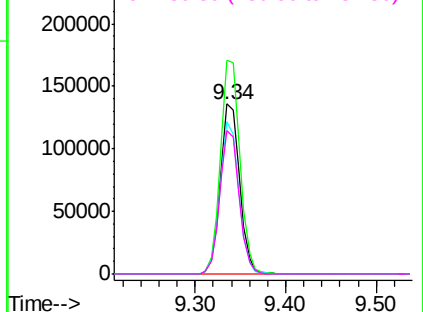


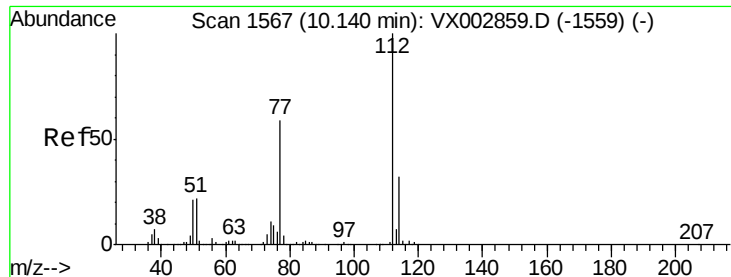
#64
Tetrachloroethene
Concen: 49.69 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion:164 Resp: 202120
Ion Ratio Lower Upper
164 100
166 125.6 102.9 154.3
129 89.6 68.6 102.8
131 84.4 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.21 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

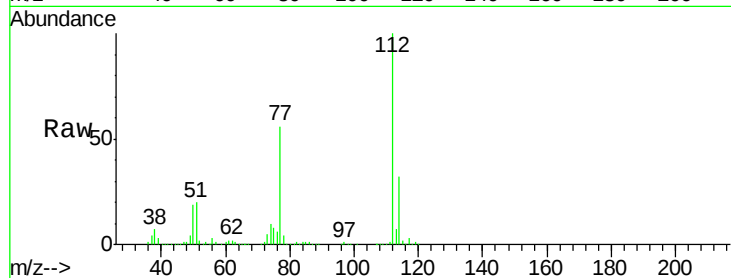
BFB

Tot Ion:112 Resp: 447933

Ion Ratio Lower Upper

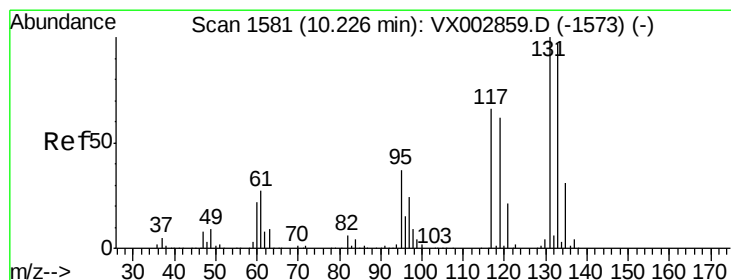
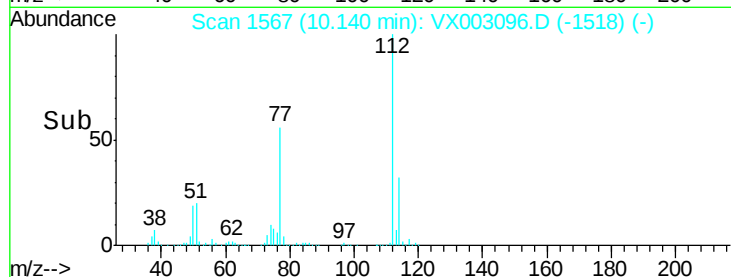
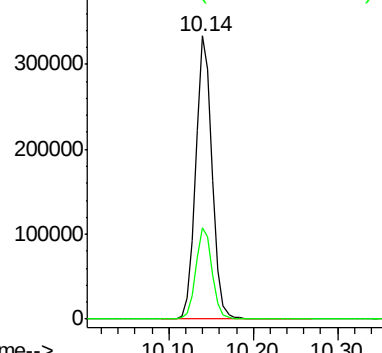
112 100

114 32.1 25.3 37.9



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: 50.10 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

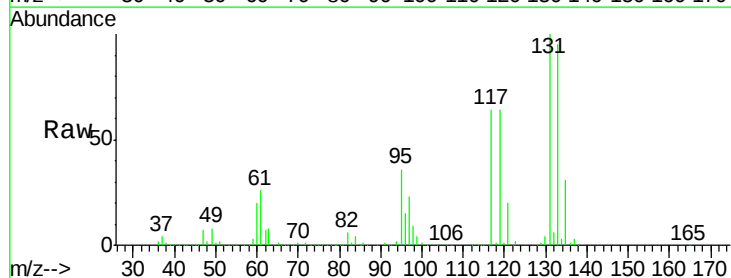
Tgt Ion:131 Resp: 169114

Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

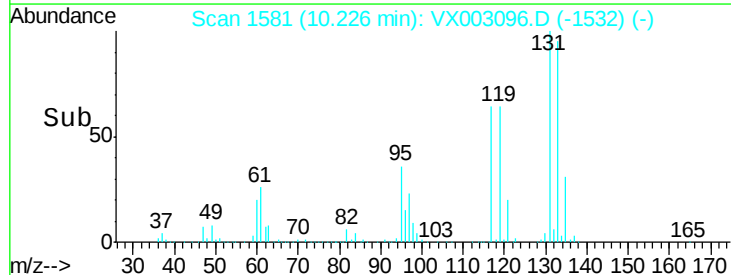
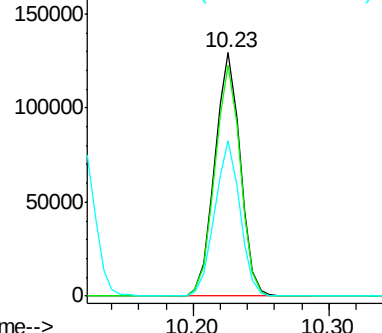
119 63.3 31.8 95.3

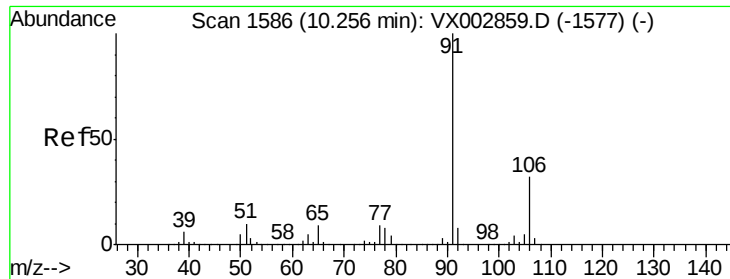


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

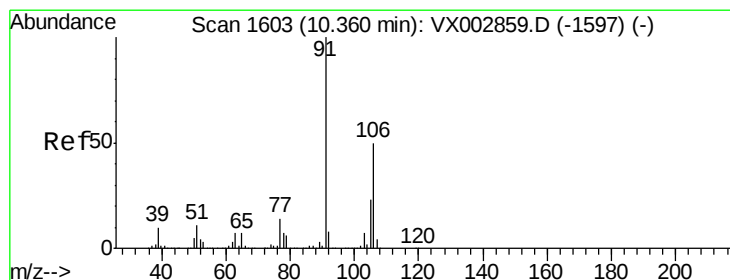
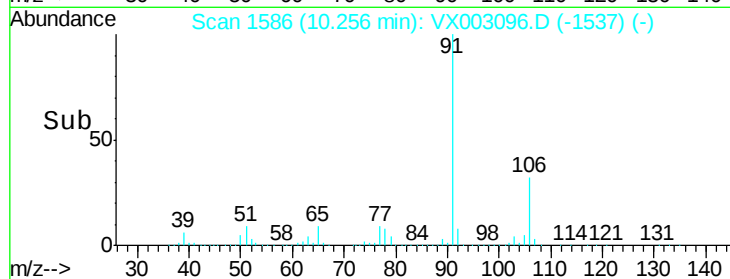
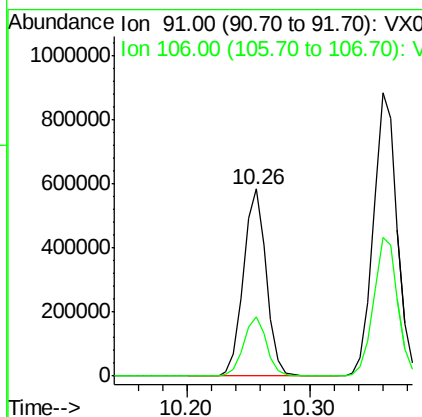
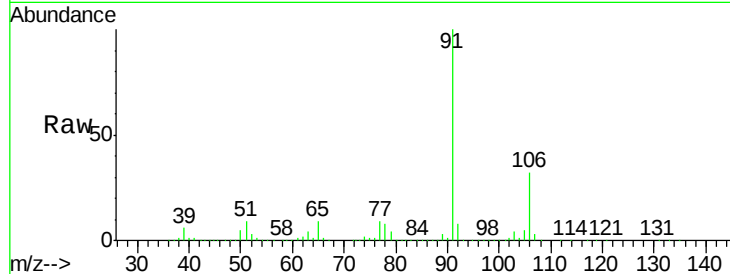




#67
Ethyl Benzene
Concen: 49.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

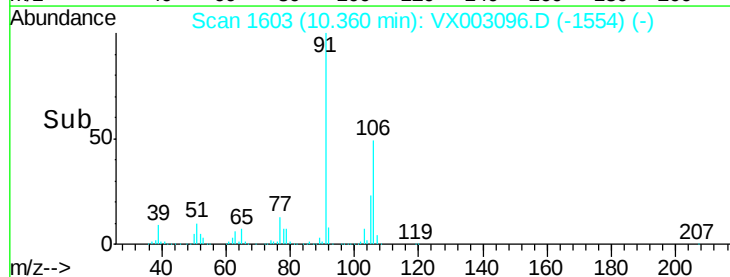
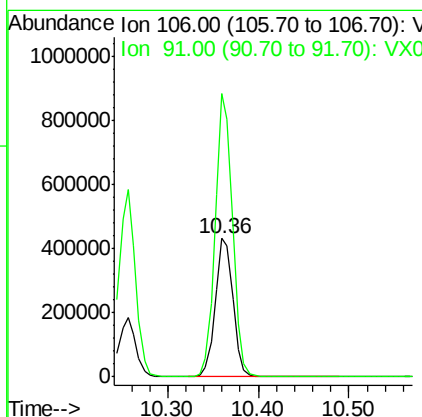
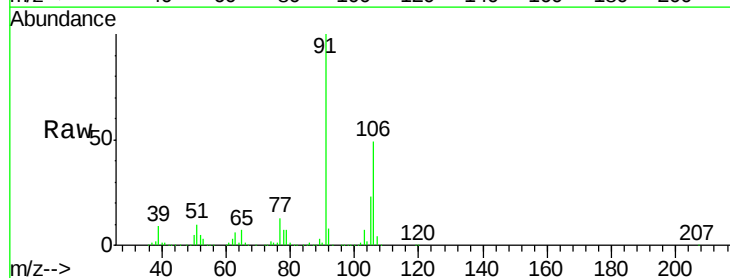
Instrument :
MSVOA_X
ClientSampled :
BFB

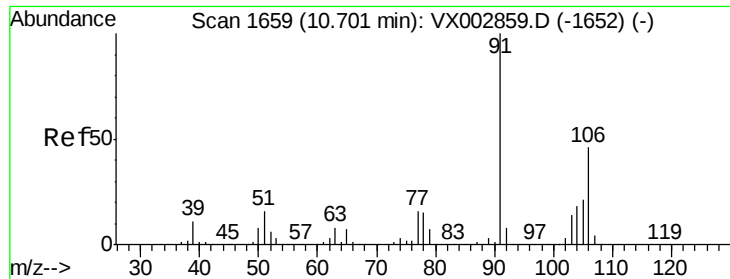
Tot Ion: 91 Resp: 754685
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 99.85 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion: 106 Resp: 590669
Ion Ratio Lower Upper
106 100
91 200.7 163.4 245.2

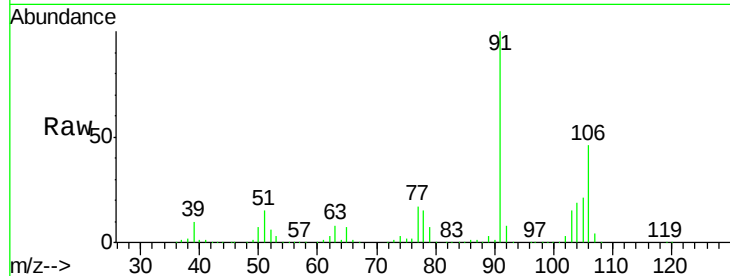




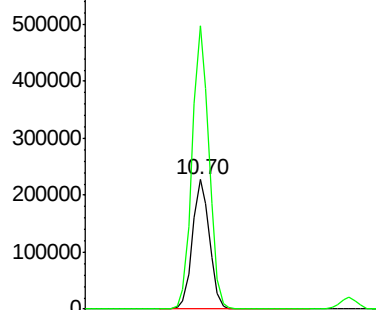
#69
o-Xylene
Concen: 49.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
BFB

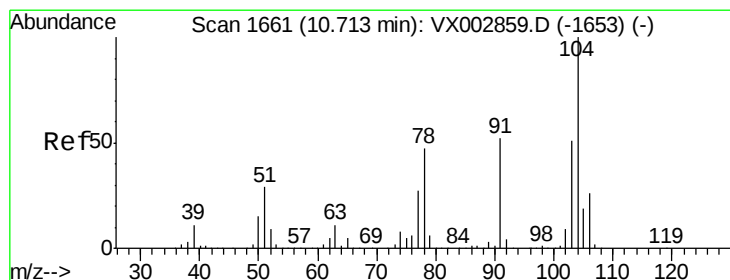
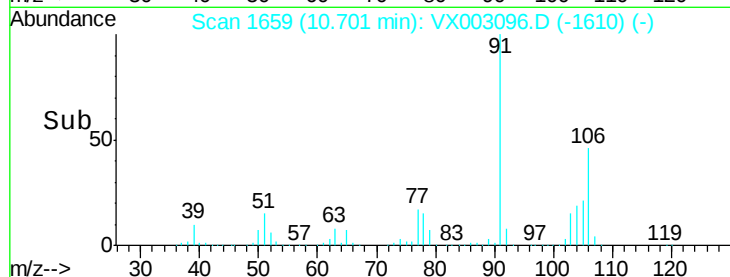
Tot Ion:106 Resp: 285972
Ion Ratio Lower Upper
106 100
91 215.8 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

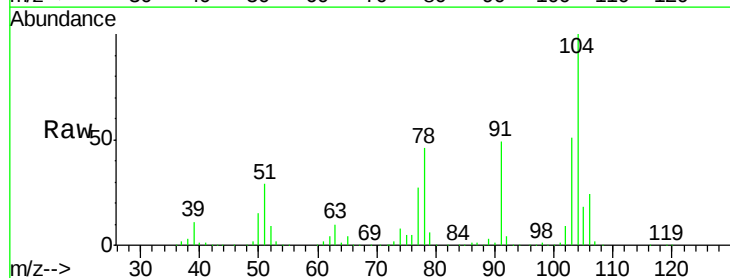


Time-->

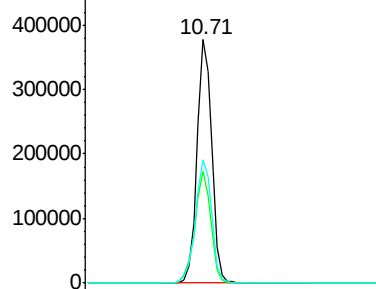


#70
Styrene
Concen: 51.91 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

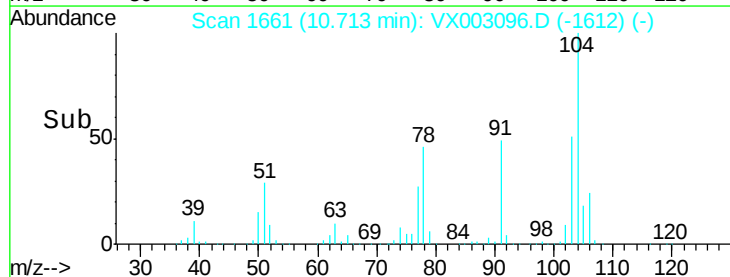
Tgt Ion:104 Resp: 485841
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.7 44.2 66.4

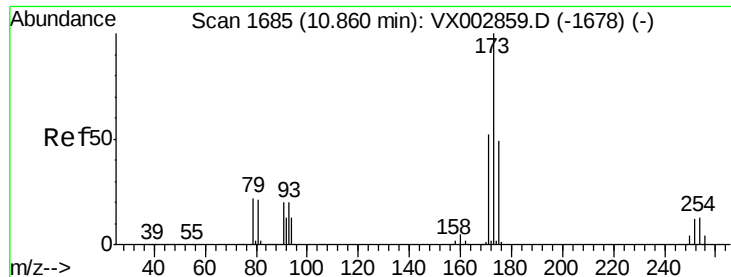


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->

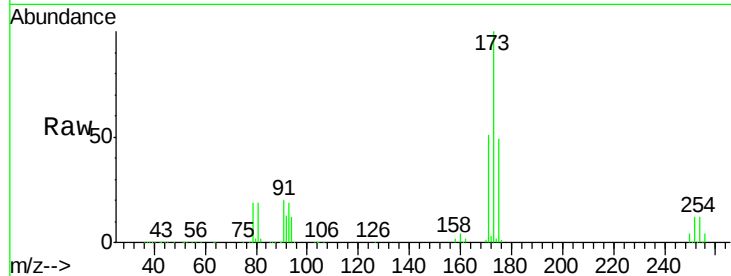




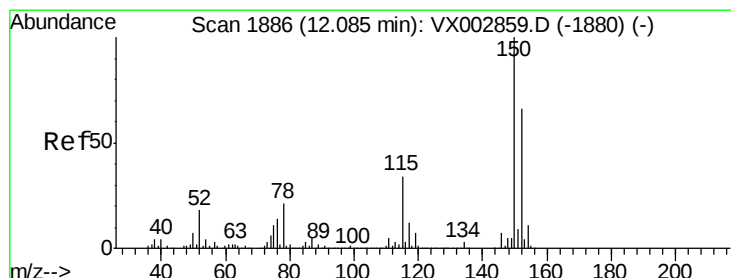
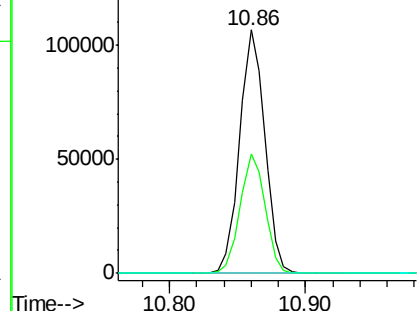
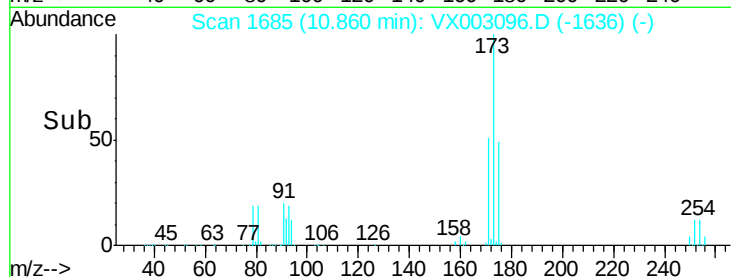
#71
Bromoform
Concen: 45.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:173 Resp: 137370
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.1 0.2 0.2#

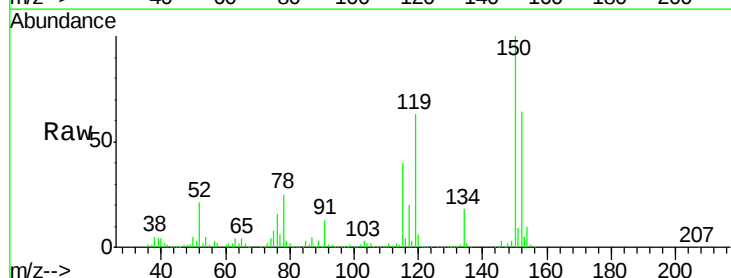


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

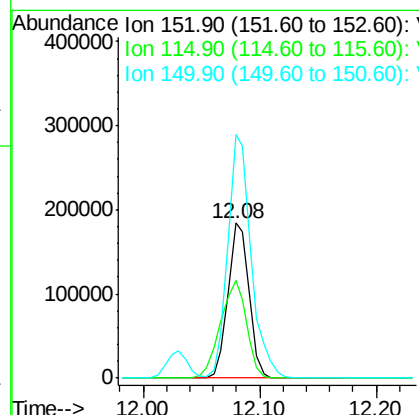
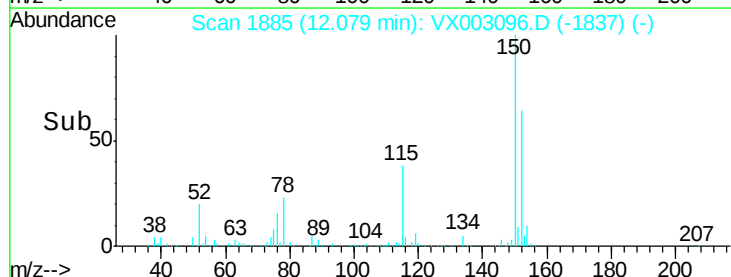


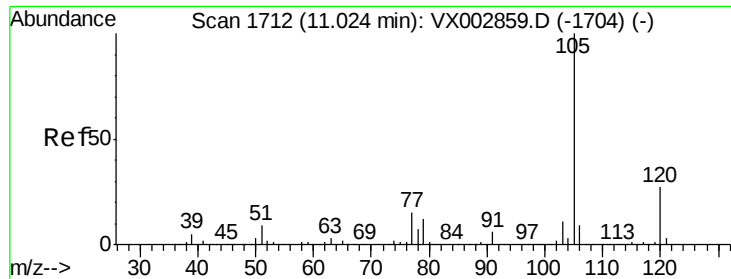
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion:152 Resp: 228997
Ion Ratio Lower Upper
152 100
115 77.8 40.1 120.2
150 174.3 0.0 347.2



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: 50.80 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

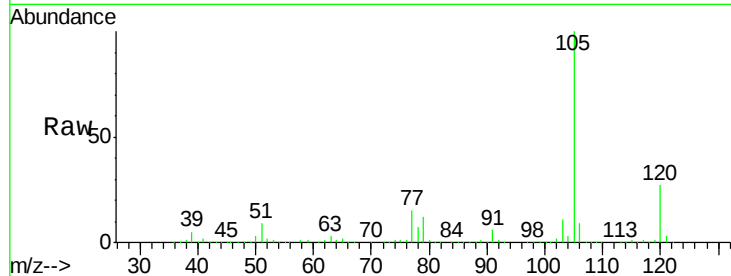
BFB

Tot Ion:105 Resp: 782630

Ion Ratio Lower Upper

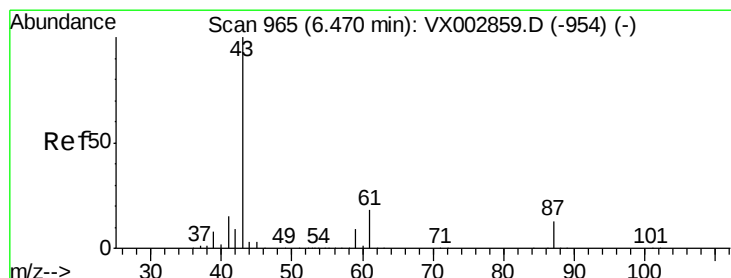
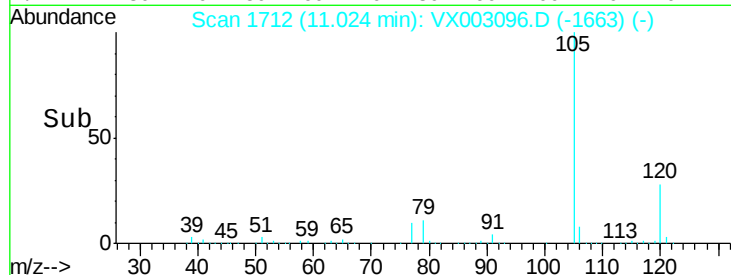
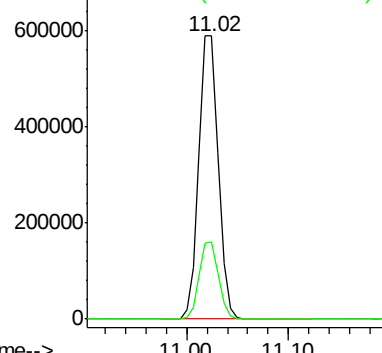
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.39 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Tgt Ion: 43 Resp: 372300

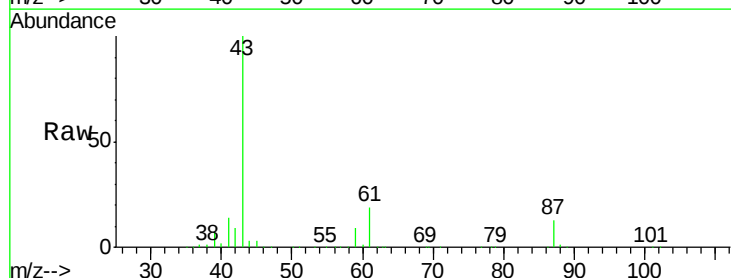
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.7 14.4 21.6

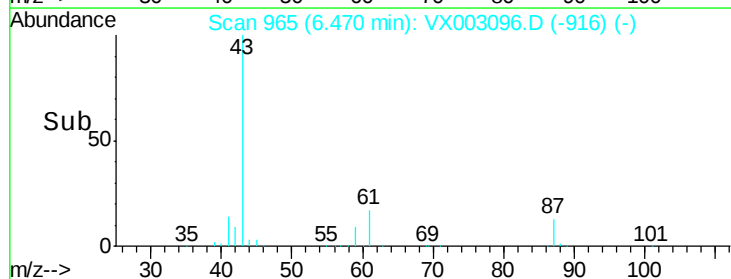
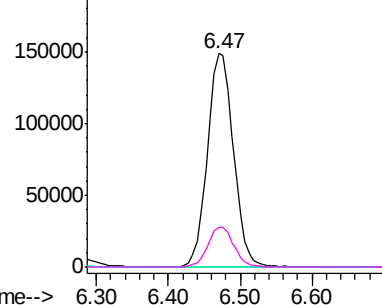


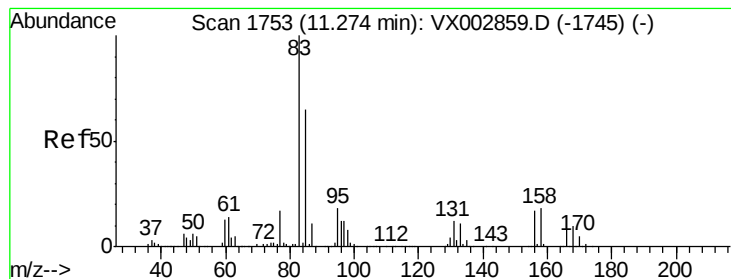
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.09 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

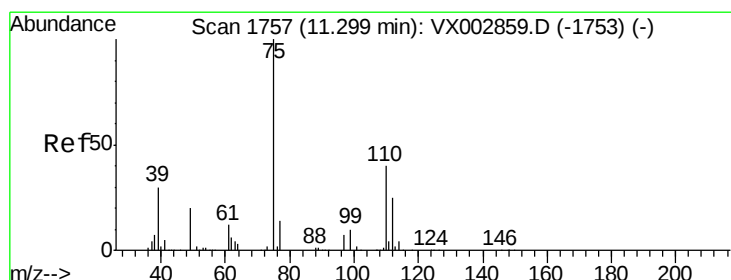
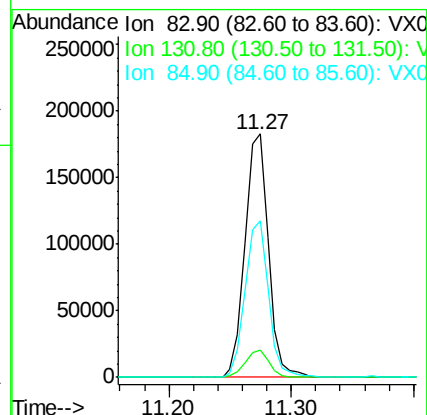
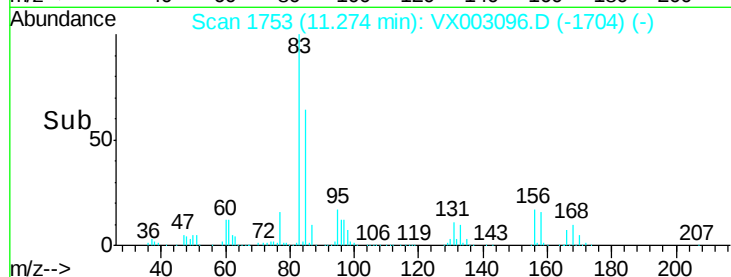
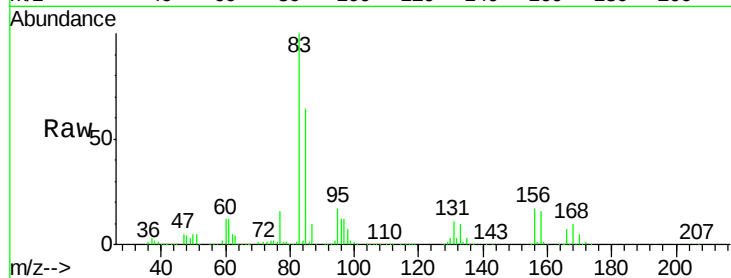
Tot Ion: 83 Resp: 242422

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

85 64.3 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 64.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003096.D

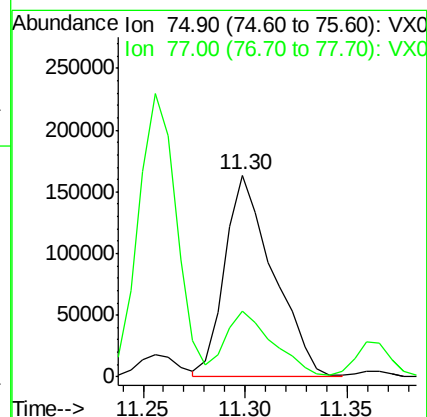
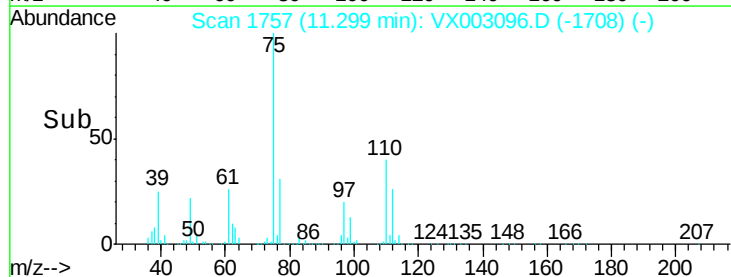
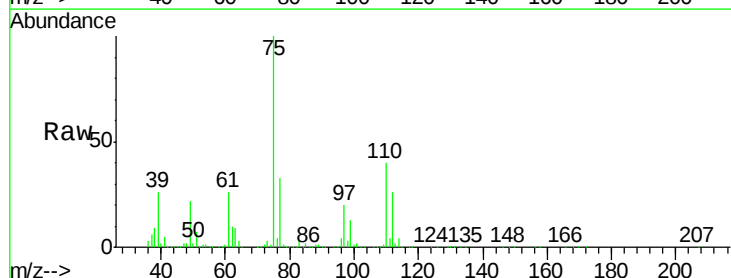
Acq: 30 Jun 2018 23:48

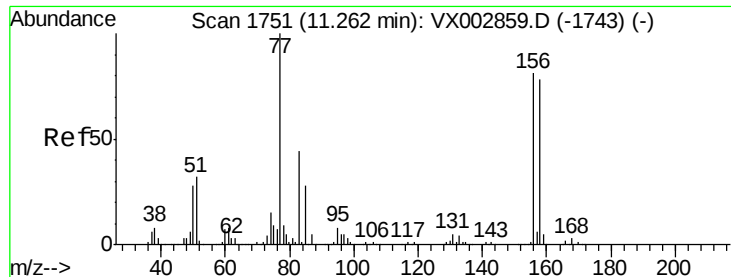
Tgt Ion: 75 Resp: 269023

Ion Ratio Lower Upper

75 100

77 32.4 22.8 68.3





#77

Bromobenzene

Concen: 49.96 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

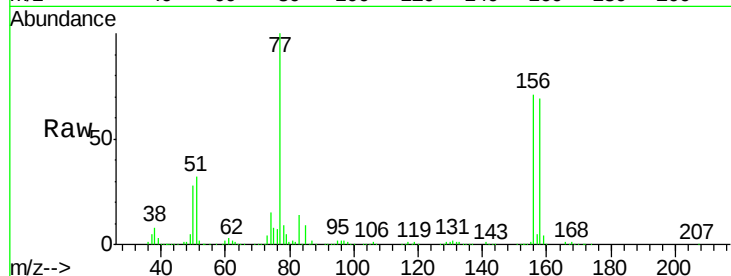
Tot Ion:156 Resp: 219186

Ion Ratio Lower Upper

156 100

77 136.0 71.4 214.2

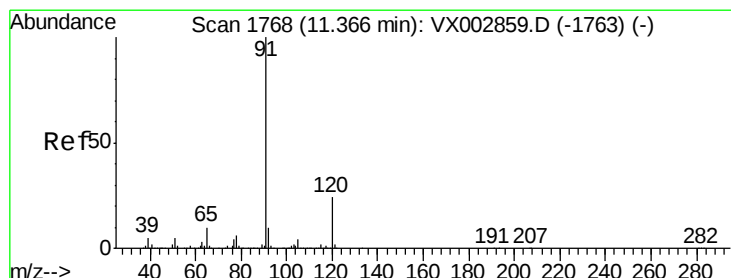
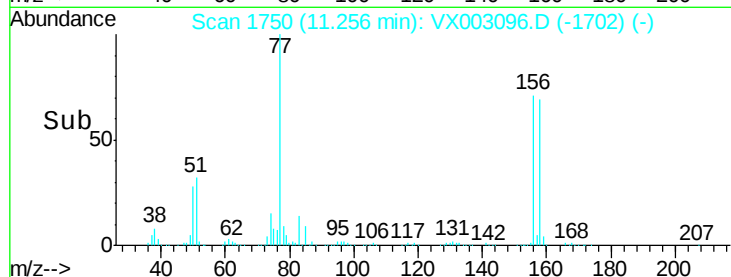
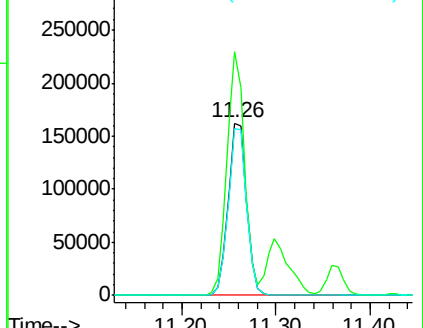
158 97.2 48.9 146.6



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: 49.74 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003096.D

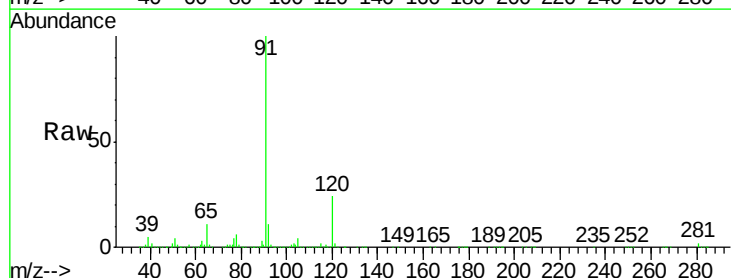
Acq: 30 Jun 2018 23:48

Tgt Ion: 91 Resp: 872141

Ion Ratio Lower Upper

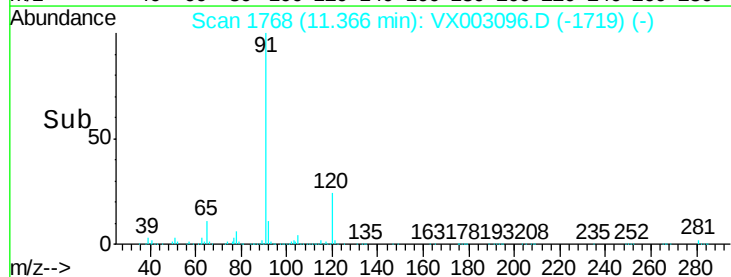
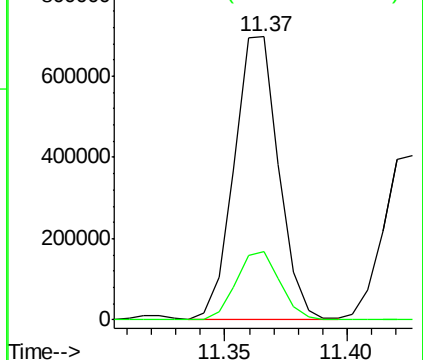
91 100

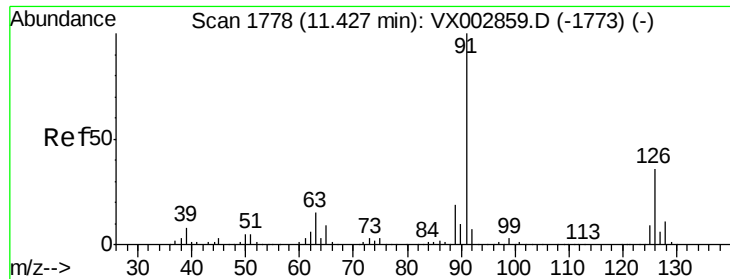
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

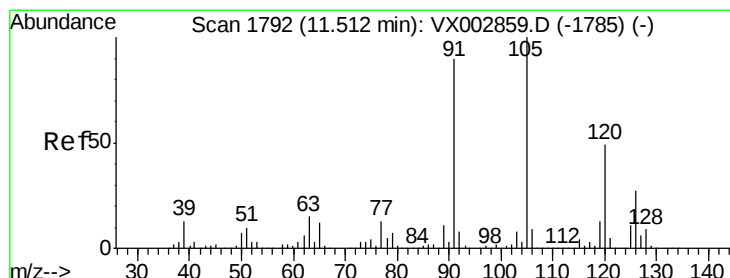
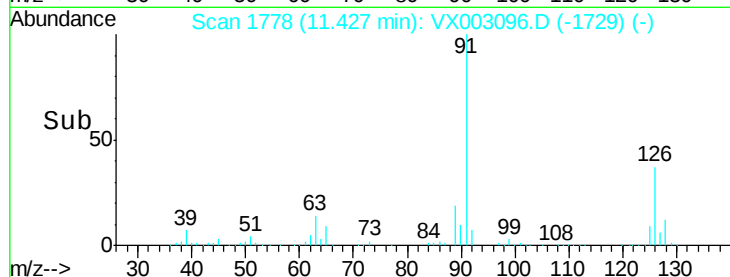
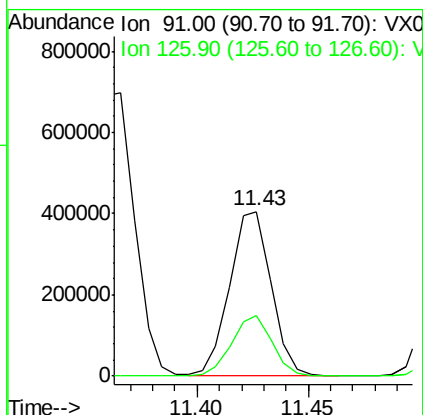
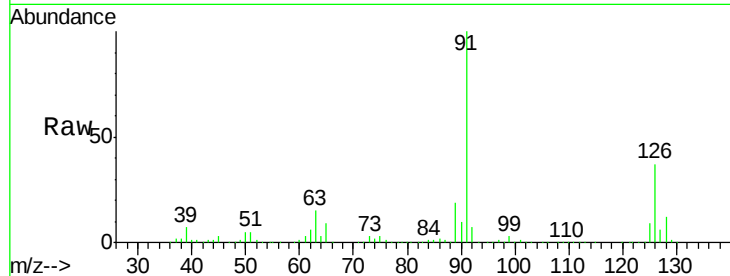




#79
 2-Chlorotoluene
 Concen: 49.47 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

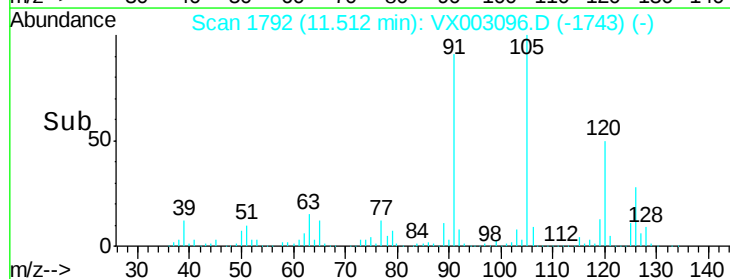
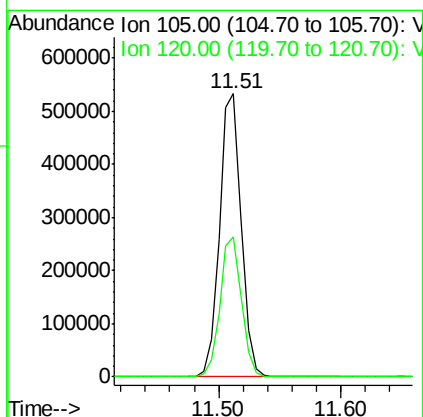
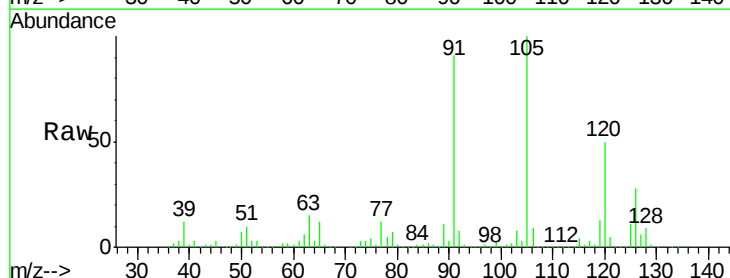
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

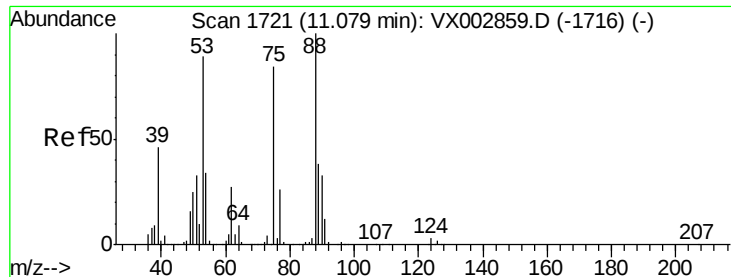
Tot Ion: 91 Resp: 525177
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 50.35 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 105 Resp: 653316
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.50 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

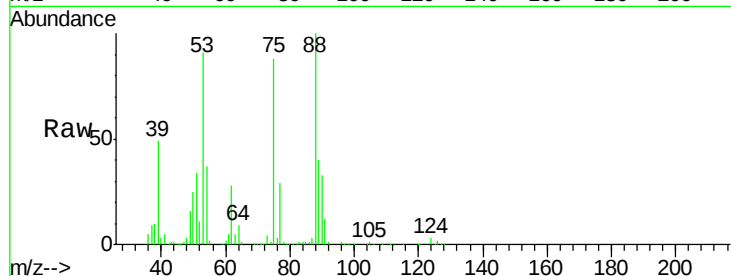
Tot Ion: 75 Resp: 58451

Ion Ratio Lower Upper

75 100

53 106.9 86.8 130.2

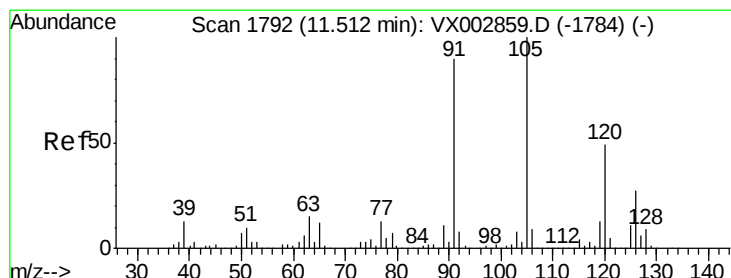
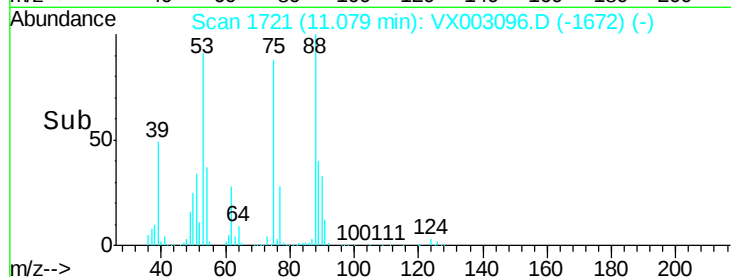
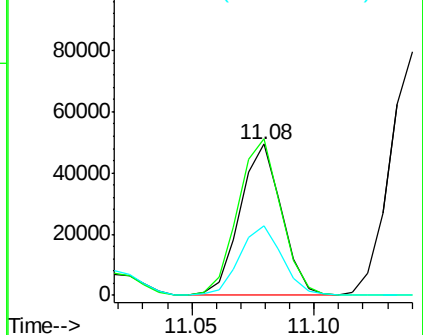
89 47.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003096.D

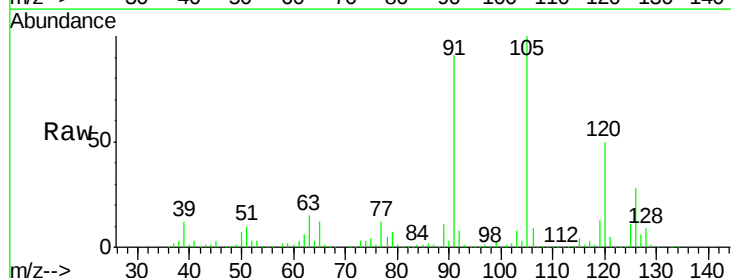
Acq: 30 Jun 2018 23:48

Tgt Ion: 91 Resp: 619370

Ion Ratio Lower Upper

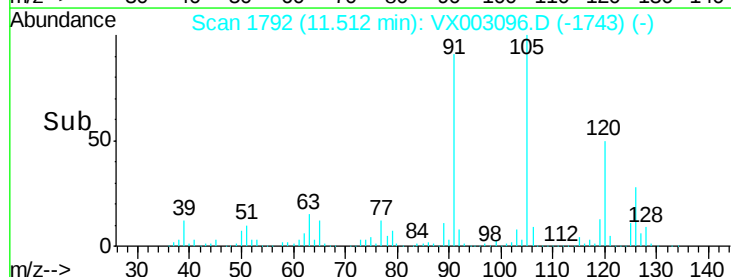
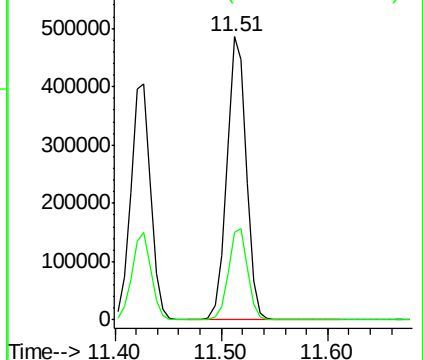
91 100

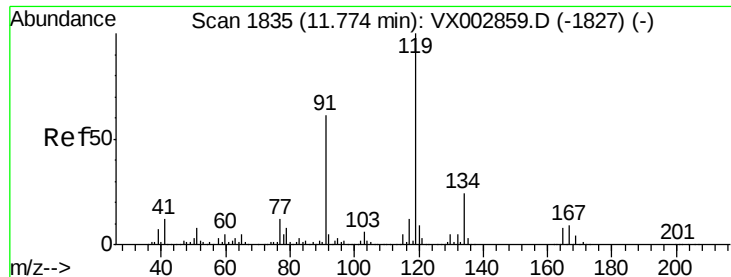
126 32.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

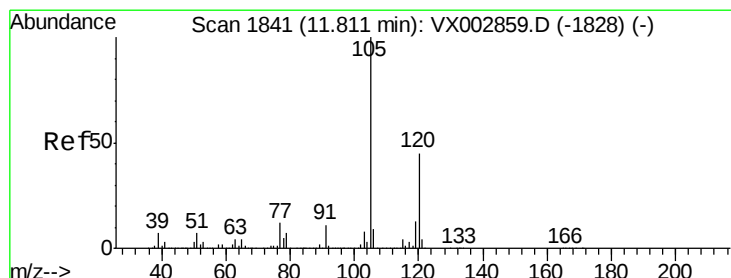
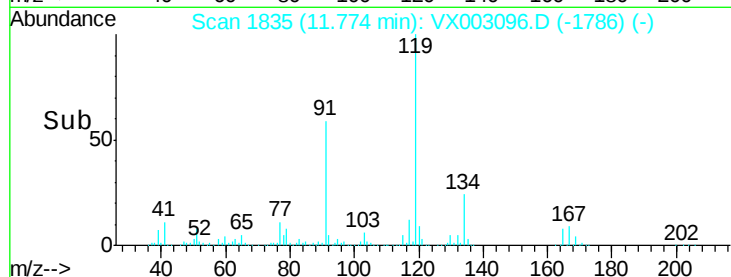
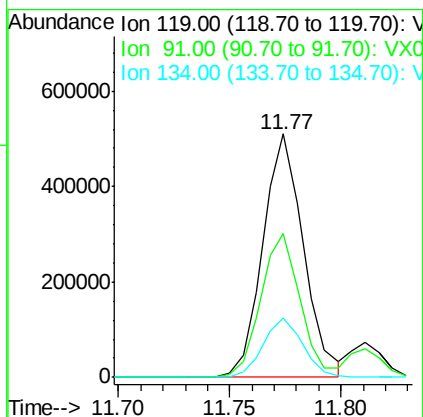
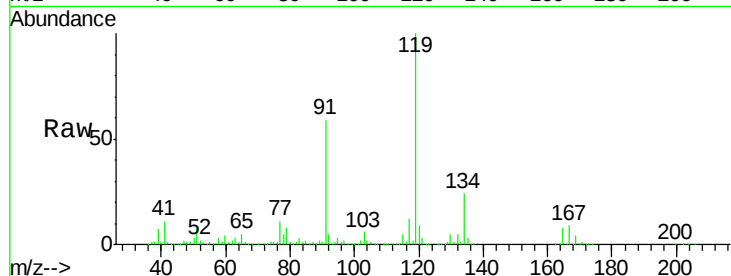




#83
tert-Butylbenzene
Concen: 50.45 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

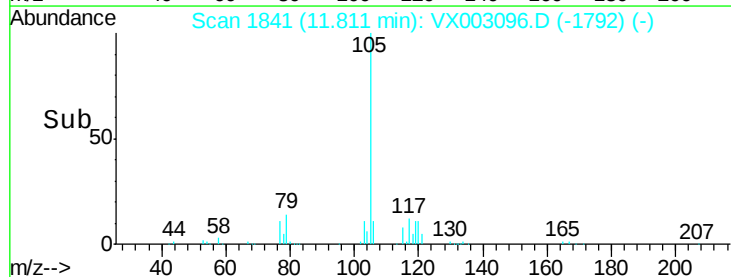
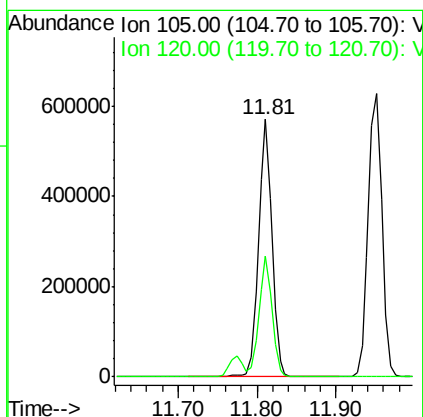
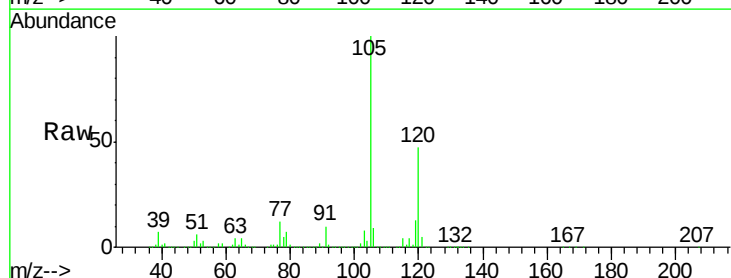
Instrument :
MSVOA_X
ClientSampleId :
BFB

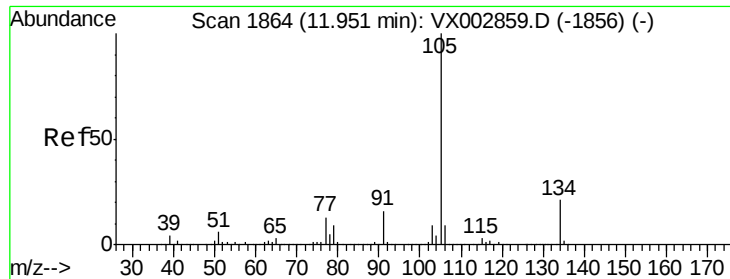
Tot Ion:119 Resp: 645125
Ion Ratio Lower Upper
119 100
91 56.4 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 50.24 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003096.D
Acq: 30 Jun 2018 23:48

Tgt Ion:105 Resp: 675394
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8

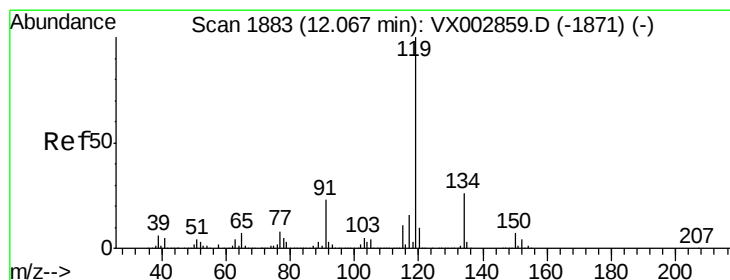
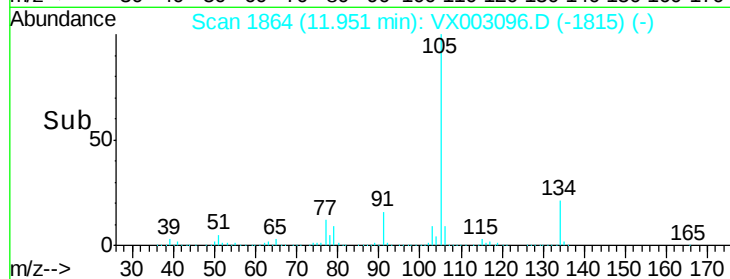
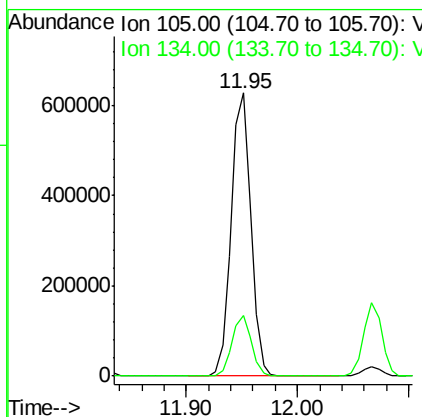
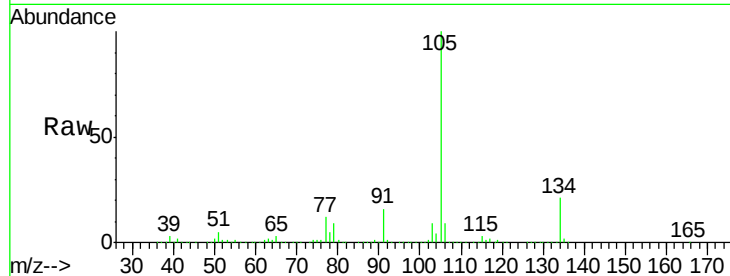




#85
 sec-Butylbenzene
 Concen: 49.27 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

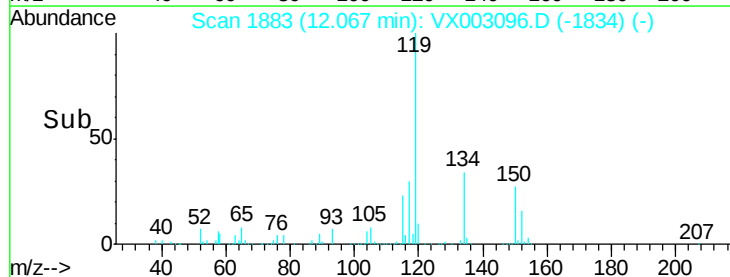
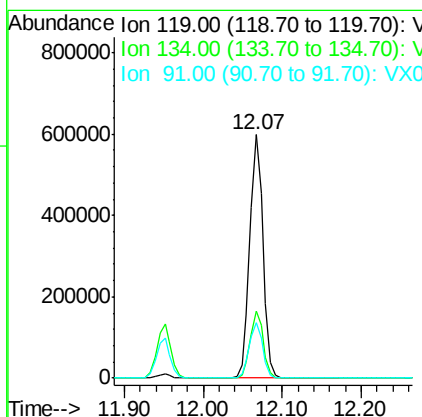
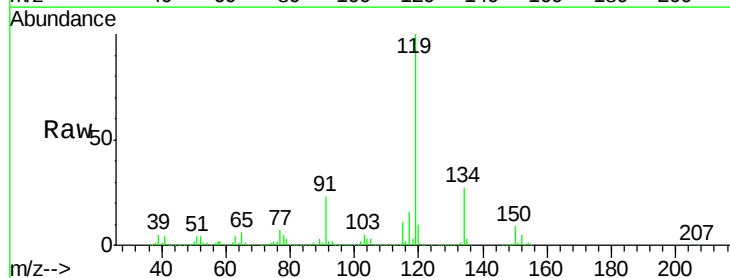
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

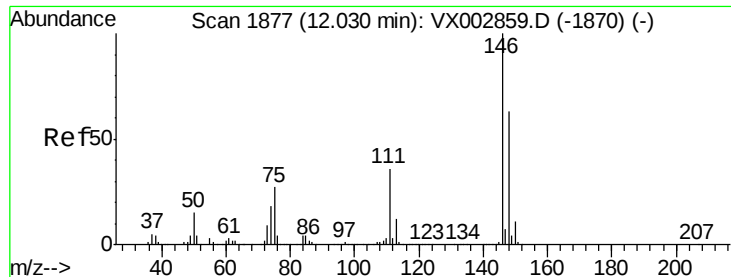
Tot Ion:105 Resp: 764375
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 49.96 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion:119 Resp: 696728
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.08 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampleId :

BFB

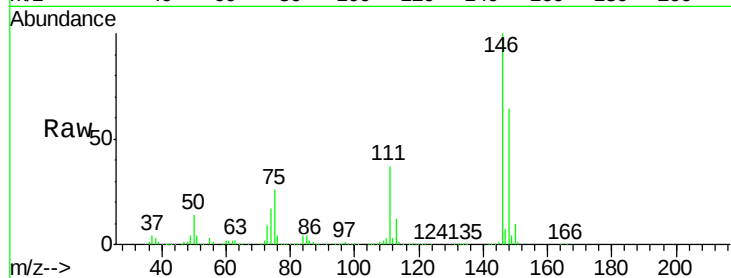
Tot Ion:146 Resp: 393249

Ion Ratio Lower Upper

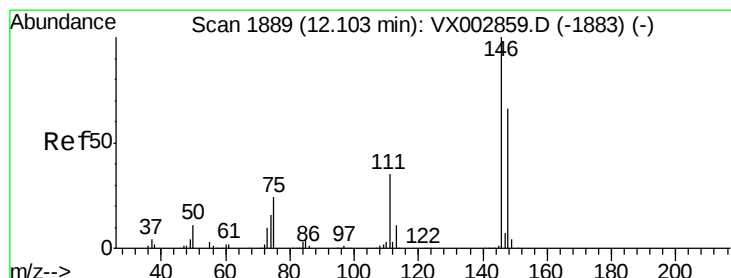
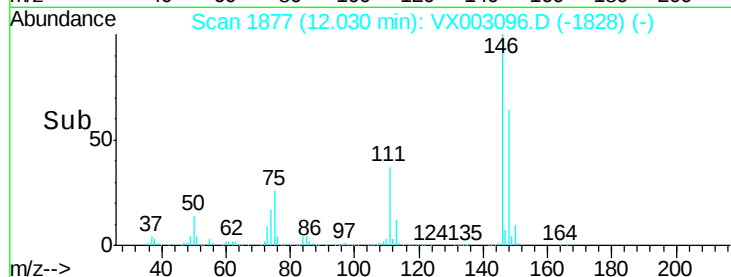
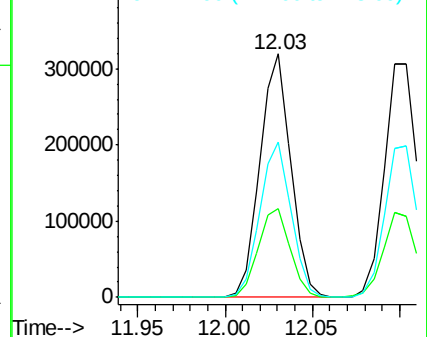
146 100

111 37.6 18.9 56.7

148 64.5 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.56 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

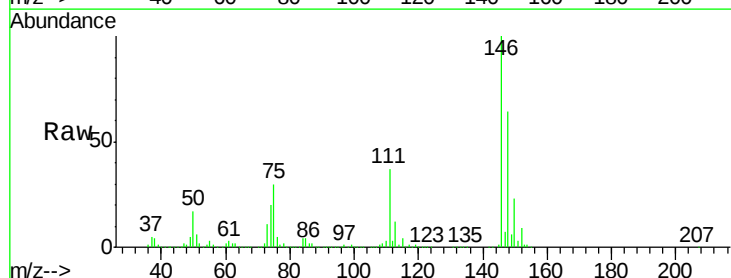
Tgt Ion:146 Resp: 400386

Ion Ratio Lower Upper

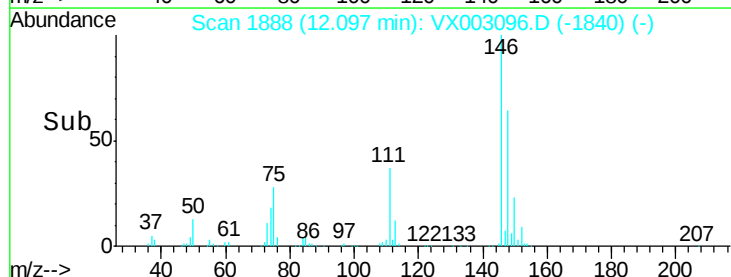
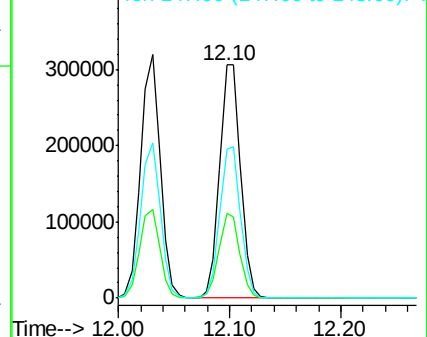
146 100

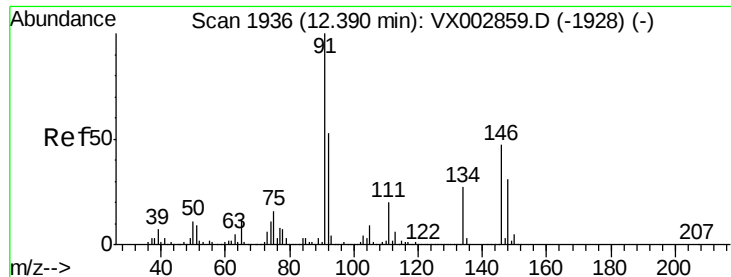
111 36.1 18.7 56.1

148 64.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.42 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

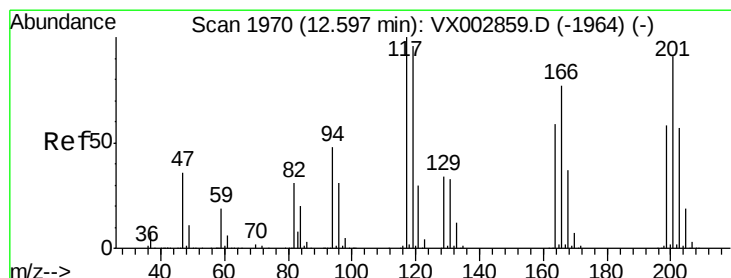
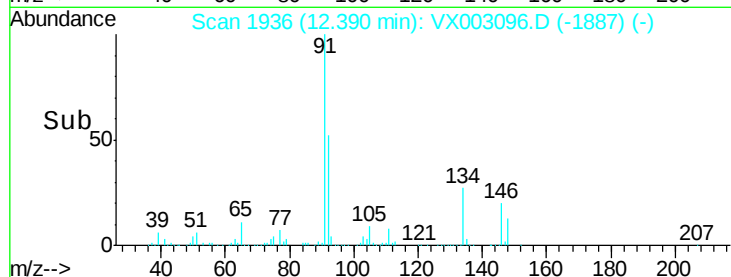
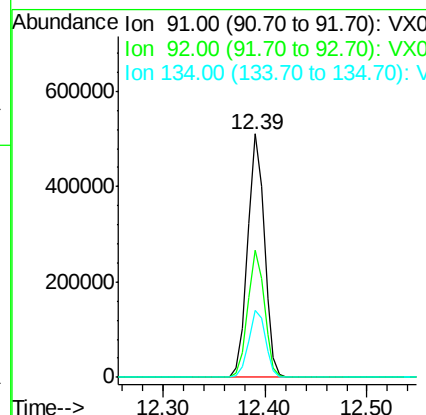
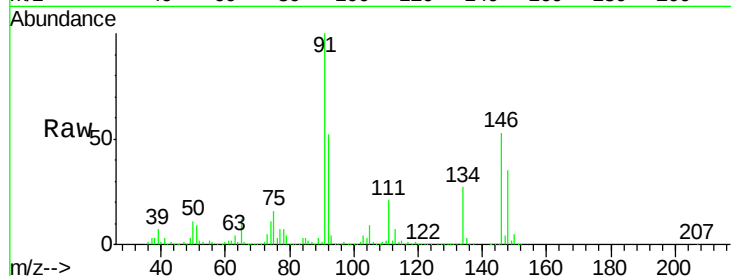
Tot Ion: 91 Resp: 575592

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

134 28.0 13.5 40.5



#90

Hexachloroethane

Concen: 48.53 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003096.D

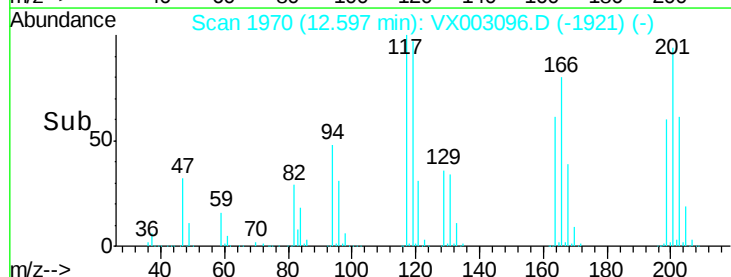
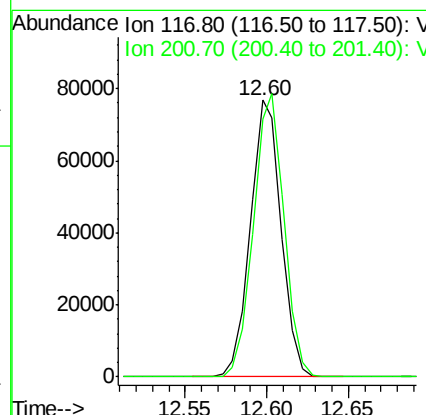
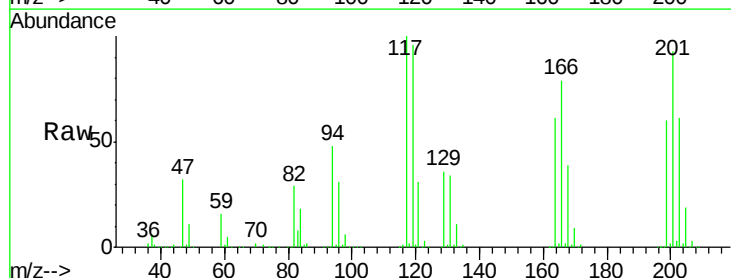
Acq: 30 Jun 2018 23:48

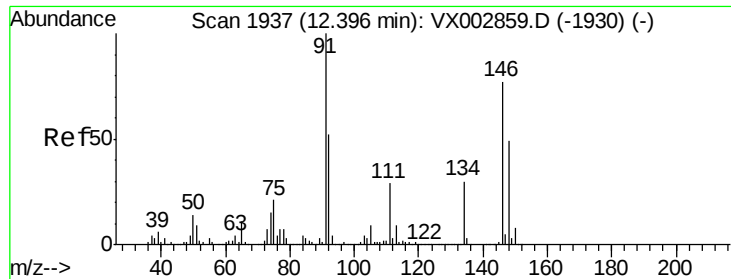
Tgt Ion: 117 Resp: 100679

Ion Ratio Lower Upper

117 100

201 101.6 49.0 147.0

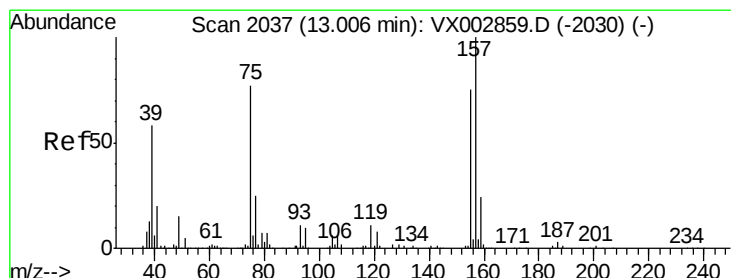
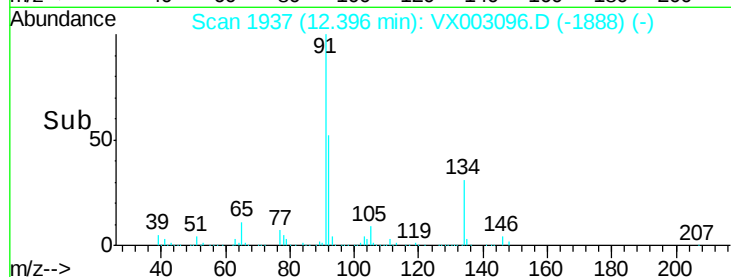
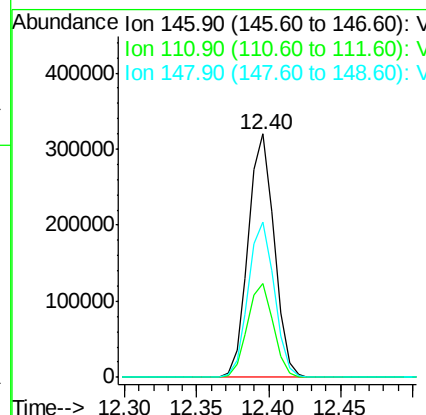
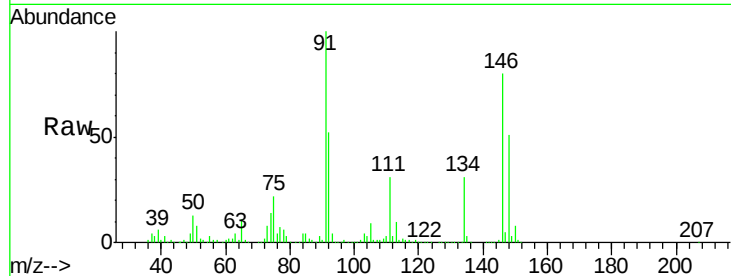




#91
 1,2-Dichlorobenzene
 Concen: 49.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

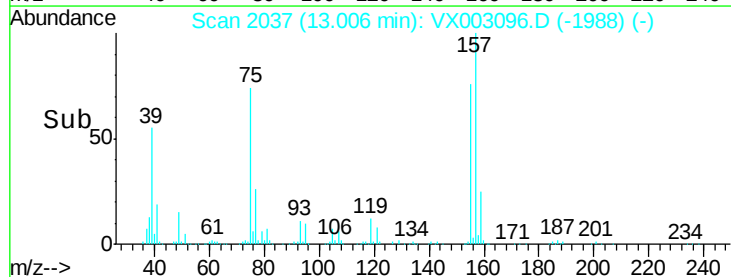
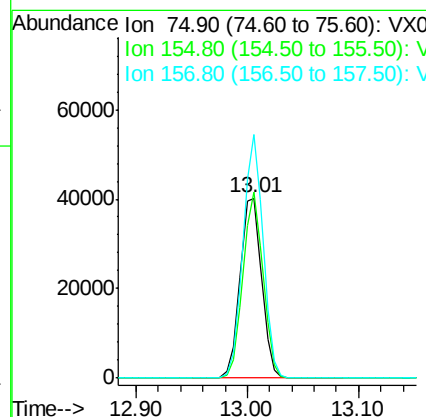
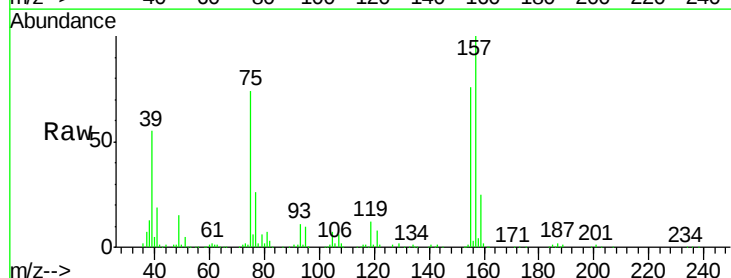
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

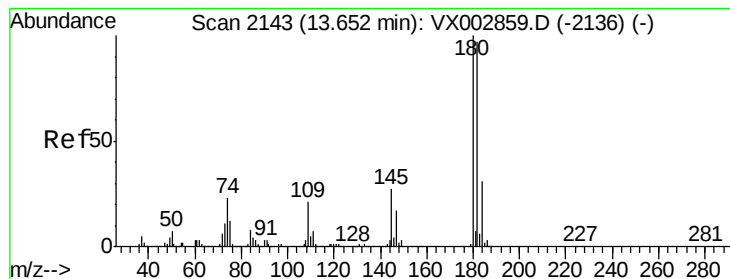
Tot Ion:146 Resp: 399122
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003096.D
 Acq: 30 Jun 2018 23:48

Tgt Ion: 75 Resp: 53831
 Ion Ratio Lower Upper
 75 100
 155 96.5 45.8 137.4
 157 126.3 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 49.24 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

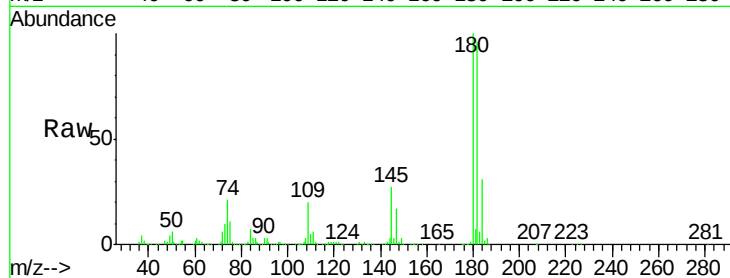
Tot Ion:180 Resp: 289809

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

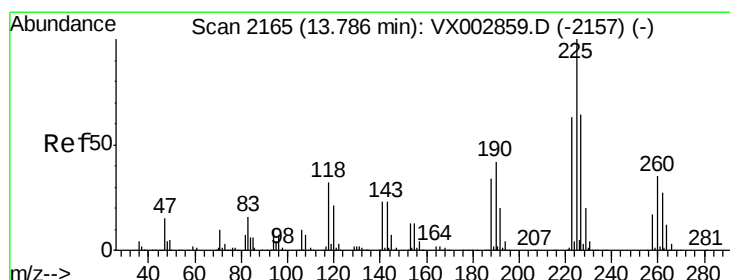
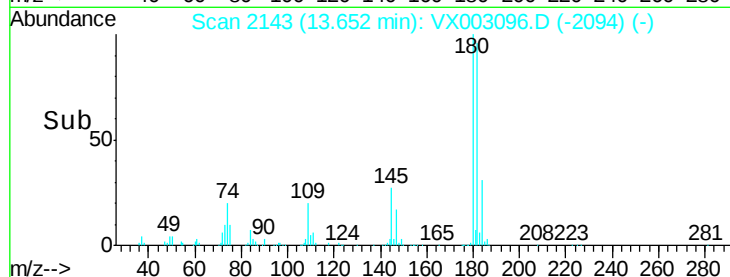
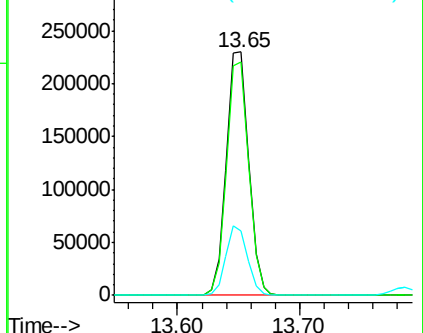
145 27.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.41 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

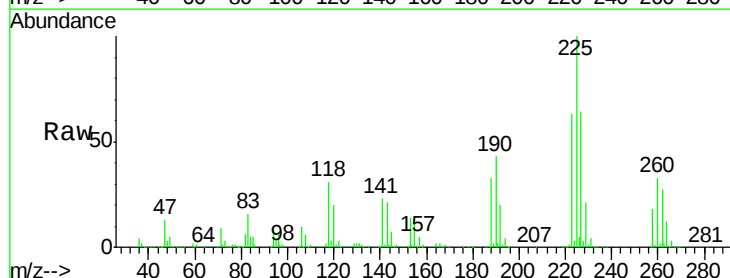
Tgt Ion:225 Resp: 139182

Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

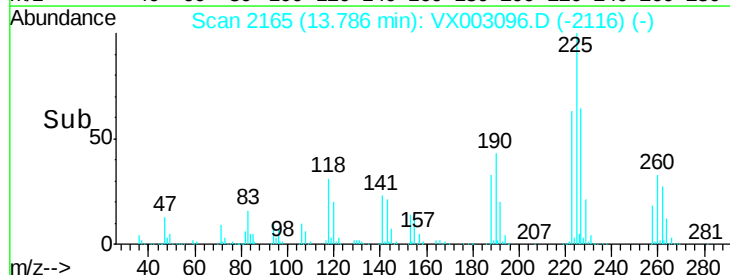
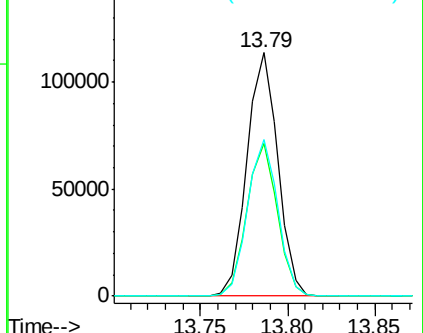
227 63.5 32.4 97.2

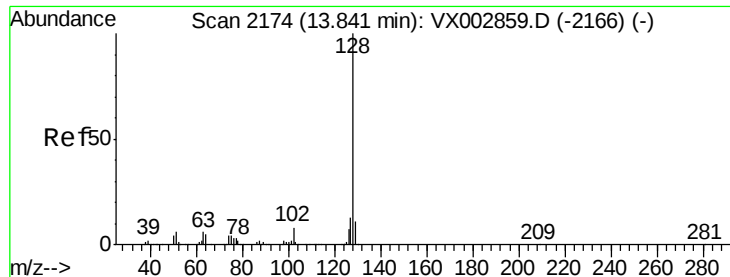


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.45 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

Instrument :

MSVOA_X

ClientSampled :

BFB

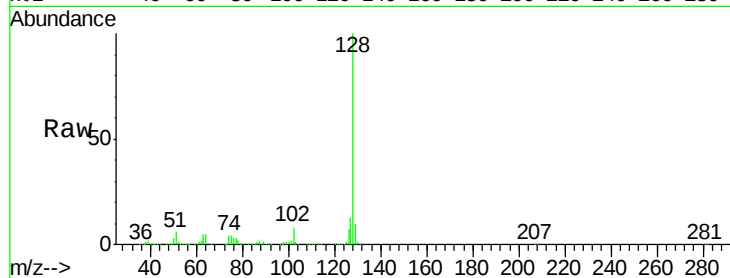
Tot Ion:128 Resp: 837870

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

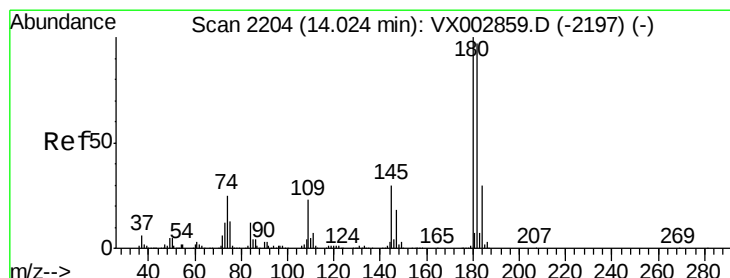
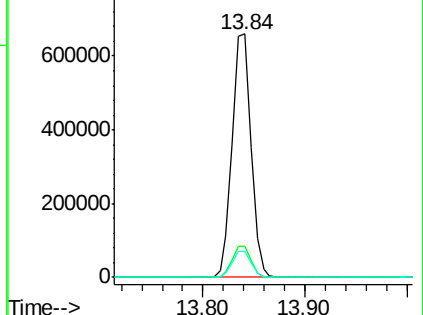
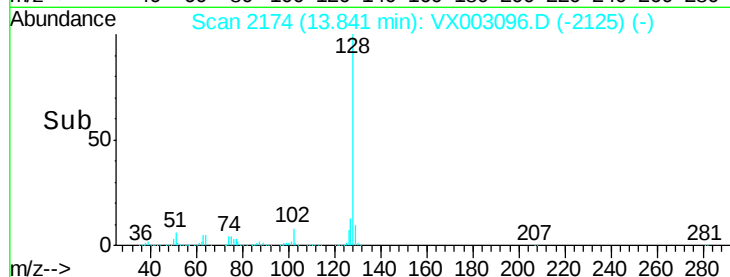
129 10.8 8.6 13.0



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: 50.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003096.D

Acq: 30 Jun 2018 23:48

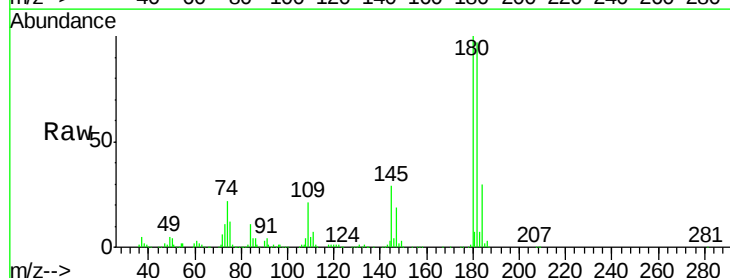
Tgt Ion:180 Resp: 295888

Ion Ratio Lower Upper

180 100

182 97.0 48.0 144.0

145 29.1 14.8 44.3



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

