

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002782.D
 Acq On : 21 Jun 2018 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Jun 22 01:07:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326918	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210704	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	161150	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	86.42%		
35) Dibromofluoromethane	5.51	113	130619	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.12%		
50) Toluene-d8	8.72	98	469817	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.84%		
62) 4-Bromofluorobenzene	11.14	95	186794	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	115487	44.32	ug/l	98
3) Chloromethane	1.32	50	127484	41.13	ug/l	100
4) Vinyl Chloride	1.40	62	137467	42.74	ug/l	99
5) Bromomethane	1.64	94	60369	31.11	ug/l	100
6) Chloroethane	1.71	64	90755	42.81	ug/l	96
7) Trichlorofluoromethane	1.93	101	247443	47.35	ug/l	99
8) Diethyl Ether	2.19	74	86934	43.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140872	48.23	ug/l	99
10) Methyl Iodide	2.51	142	121960	32.92	ug/l	99
11) Tert butyl alcohol	3.07	59	156110	202.47	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123211	44.93	ug/l	98
13) Acrolein	2.29	56	128654	353.03	ug/l	100
14) Allyl chloride	2.73	41	243085	44.64	ug/l	98
15) Acrylonitrile	3.15	53	364118	216.42	ug/l	99
16) Acetone	2.45	43	408031	247.97	ug/l	98
17) Carbon Disulfide	2.57	76	341297	52.47	ug/l	99
18) Methyl Acetate	2.78	43	207531	47.34	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	446225	43.37	ug/l	97
20) Methylene Chloride	2.85	84	138481	41.05	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	133471	44.86	ug/l	95
22) Diisopropyl ether	3.87	45	471931	47.91	ug/l	95
23) Vinyl Acetate	3.82	43	2070869	251.16	ug/l	100
24) 1,1-Dichloroethane	3.70	63	256462	47.97	ug/l	100
25) 2-Butanone	4.71	43	537047	248.52	ug/l	97
26) 2,2-Dichloropropane	4.59	77	201232	52.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	147773	48.82	ug/l	96
28) Bromochloromethane	5.02	49	116373	46.48	ug/l	95
29) Tetrahydrofuran	5.17	42	332105	234.50	ug/l	98
30) Chloroform	5.21	83	258736	50.18	ug/l	99
31) Cyclohexane	5.57	56	224984	51.11	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	229749	53.28	ug/l	100
36) 1,1-Dichloropropene	5.80	75	191252	55.08	ug/l	99
37) Ethyl Acetate	4.86	43	202359	51.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	211325	61.12	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235315	57.97	ug/l	98
40) Benzene	6.15	78	553183	53.13	ug/l	98
41) Methacrylonitrile	5.06	41	115218	51.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218196	54.13	ug/l	100
43) Isopropyl Acetate	6.46	43	333911	51.28	ug/l	99
44) Trichloroethene	7.21	130	163199	54.31	ug/l	96
45) 1,2-Dichloropropane	7.52	63	147327	53.77	ug/l	99
46) Dibromomethane	7.67	93	101141	55.18	ug/l	98
47) Bromodichloromethane	7.90	83	195529	60.48	ug/l	98
48) Methyl methacrylate	7.78	41	177975	53.49	ug/l	97
49) 1,4-Dioxane	7.76	88	63280	1004.28	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1097211	262.45	ug/l	100
52) Toluene	8.79	92	364029	54.81	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226700	52.83	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	211523	51.70	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	147594	55.00	ug/l	98
56) Ethyl methacrylate	9.18	69	218426	52.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241260	53.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	521008	260.84	ug/l	98
59) 2-Hexanone	9.50	43	858400	272.49	ug/l	98
60) Dibromochloromethane	9.59	129	162204	53.45	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159137	57.26	ug/l	99
64) Tetrachloroethene	9.34	164	189032	53.10	ug/l	97
65) Chlorobenzene	10.14	112	423393	53.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157463	58.64	ug/l	99
67) Ethyl Benzene	10.26	91	725507	54.61	ug/l	100
68) m/p-Xylenes	10.36	106	571478	111.51	ug/l	100
69) o-Xylene	10.70	106	273116	54.24	ug/l	99
70) Styrene	10.71	104	455958	55.06	ug/l	99
71) Bromoform	10.86	173	127323	51.88	ug/l #	99
73) Isopropylbenzene	11.02	105	752618	53.41	ug/l	100
74) N-amyl acetate	6.46	43	333911	47.69	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	222184	53.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	257416	64.74	ug/l	80
77) Bromobenzene	11.26	156	205700	52.39	ug/l	98
78) n-propylbenzene	11.37	91	871808	53.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	509664	52.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	643502	54.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60537	48.83	ug/l	94
82) 4-Chlorotoluene	11.51	91	612343	53.78	ug/l	99
83) tert-Butylbenzene	11.77	119	617498	53.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	664168	54.65	ug/l	99
85) sec-Butylbenzene	11.95	105	767709	53.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	707933	54.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	384510	53.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387526	52.90	ug/l	99
89) n-Butylbenzene	12.39	91	624785	54.87	ug/l	100
90) Hexachloroethane	12.60	117	104128	51.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	385028	53.13	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48953	56.16	ug/l	97

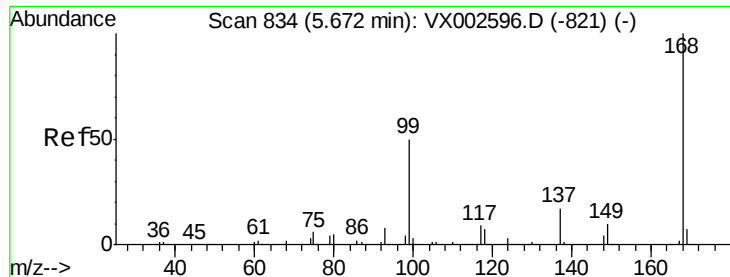
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286684	54.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	153223	55.31	ug/l	99
95) Naphthalene	13.84	128	760548	53.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284554	53.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

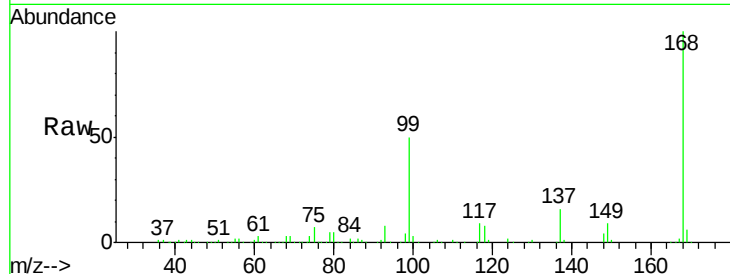
BFB

Tot Ion:168 Resp: 245431

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

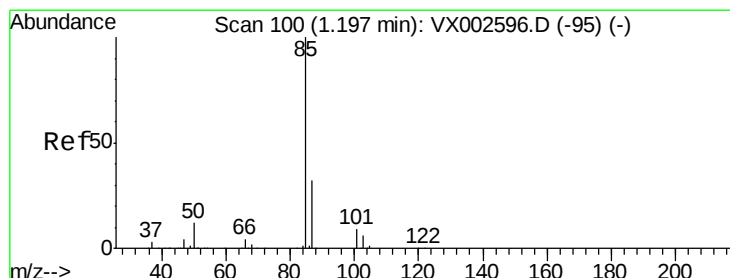
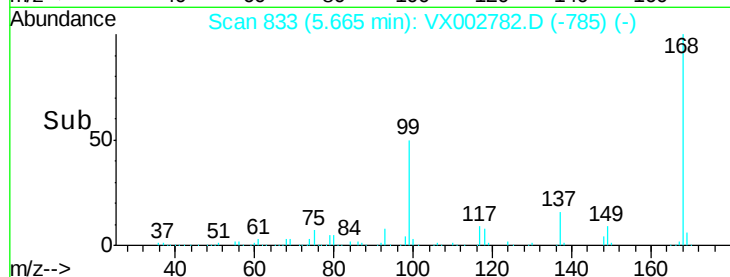
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002782.D

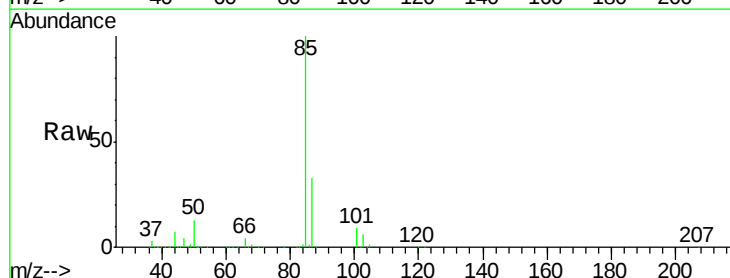
Acq: 21 Jun 2018 10:32

Tgt Ion: 85 Resp: 115487

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

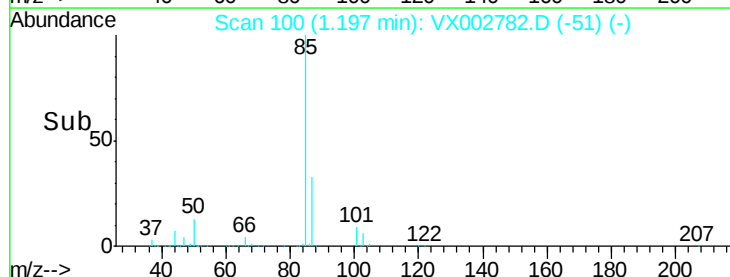
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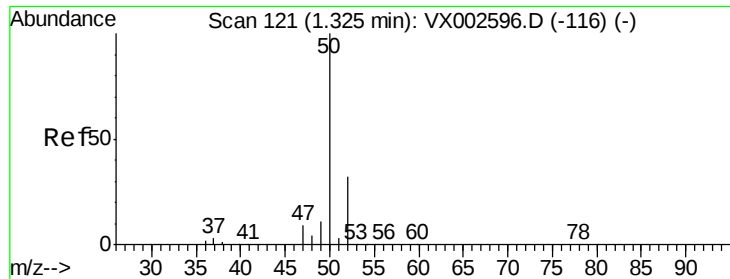
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.13 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

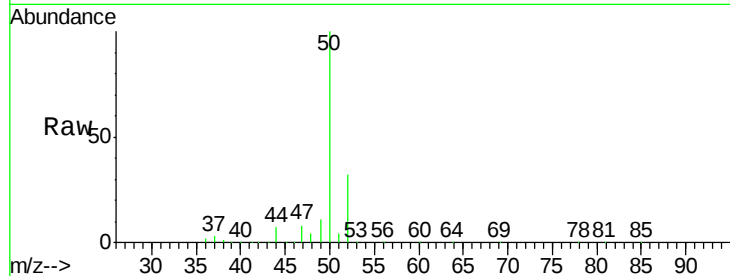
BFB

Tot Ion: 50 Resp: 127484

Ion Ratio Lower Upper

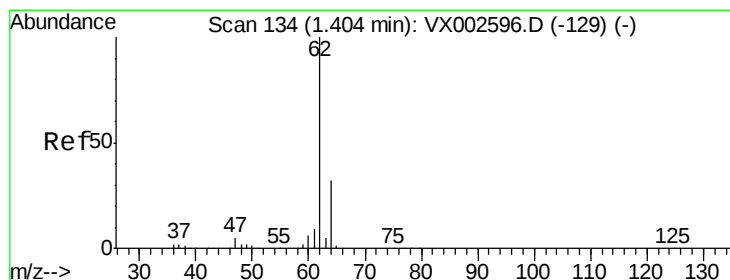
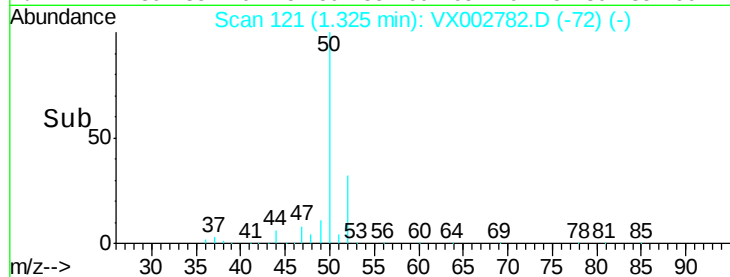
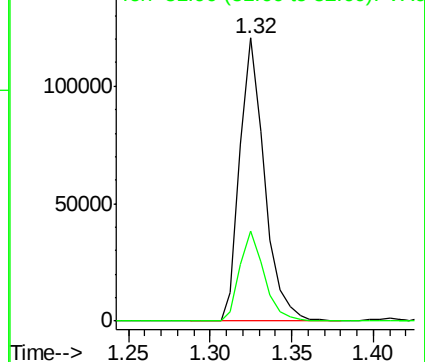
50 100

52 31.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.74 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002782.D

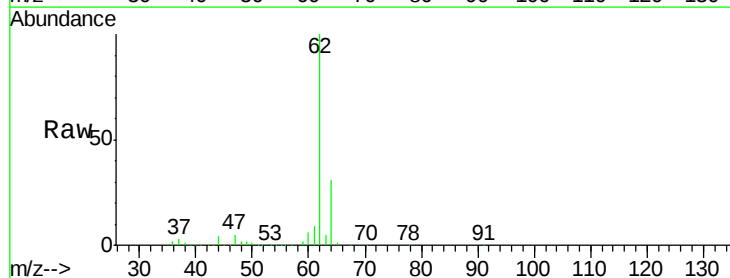
Acq: 21 Jun 2018 10:32

Tgt Ion: 62 Resp: 137467

Ion Ratio Lower Upper

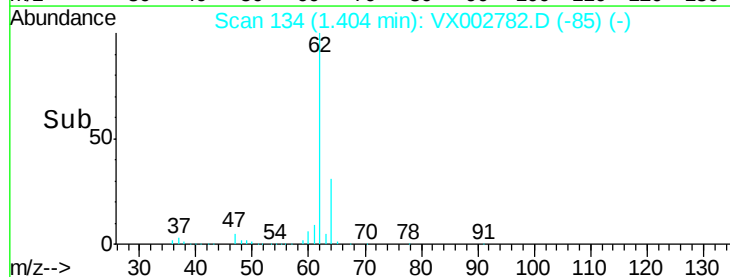
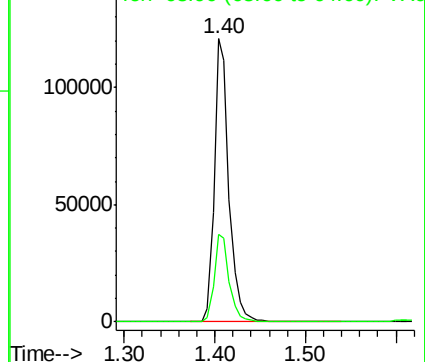
62 100

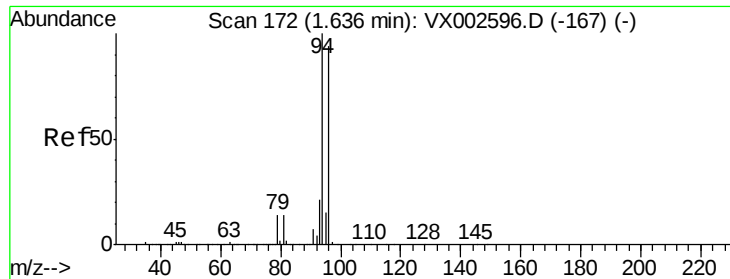
64 31.1 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 31.11 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

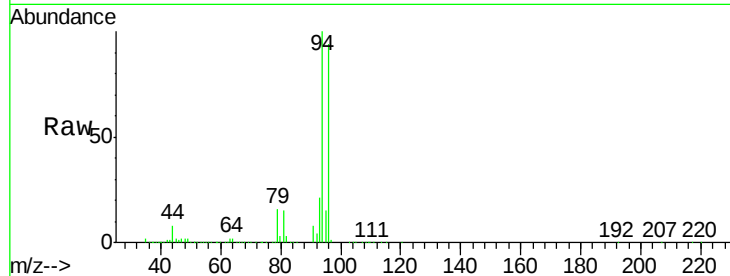
BFB

Tot Ion: 94 Resp: 60369

Ion Ratio Lower Upper

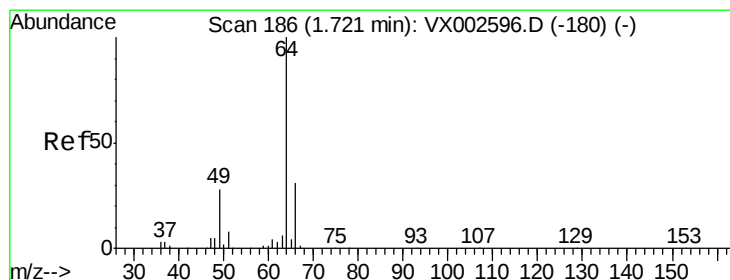
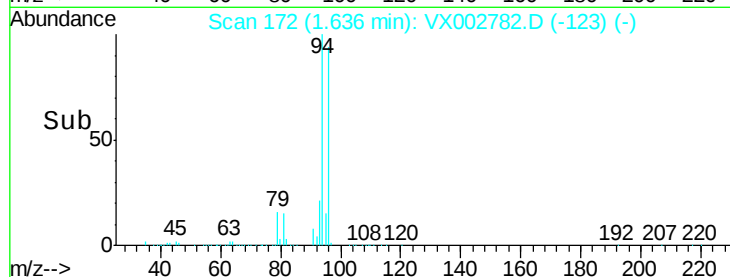
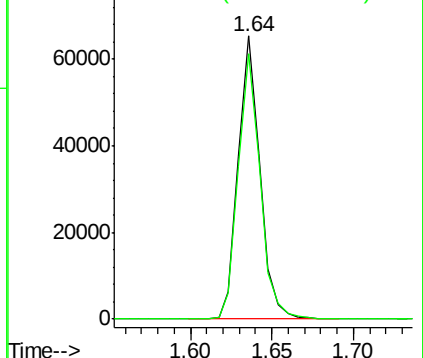
94 100

96 93.6 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: 42.81 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002782.D

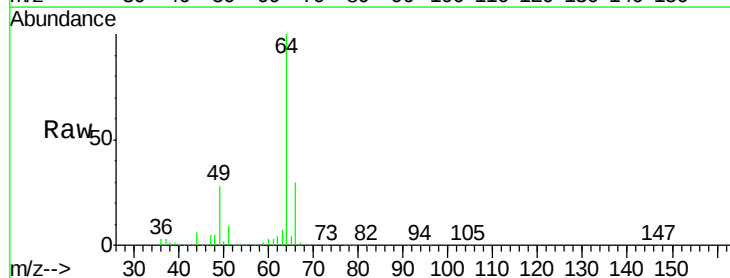
Acq: 21 Jun 2018 10:32

Tgt Ion: 64 Resp: 90755

Ion Ratio Lower Upper

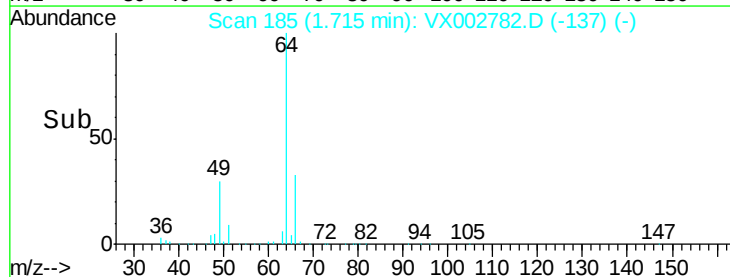
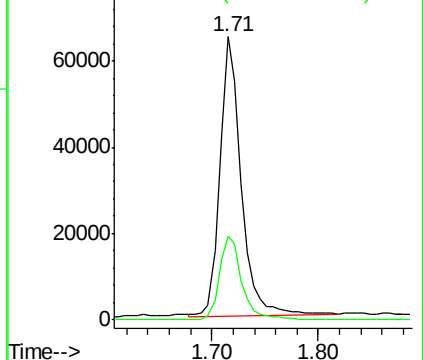
64 100

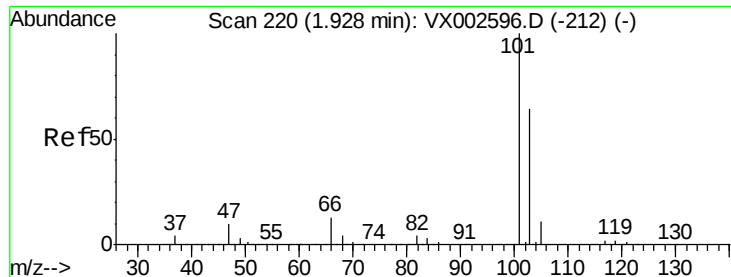
66 29.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



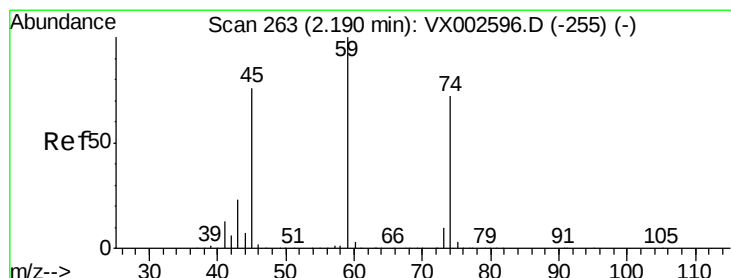
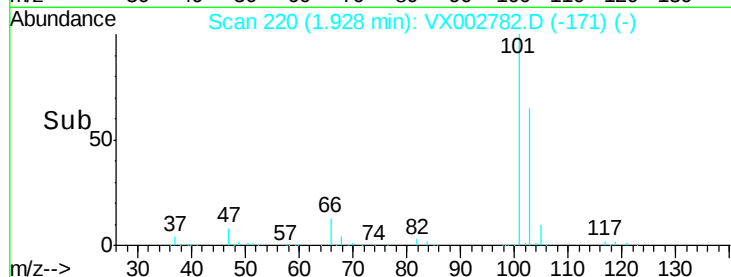
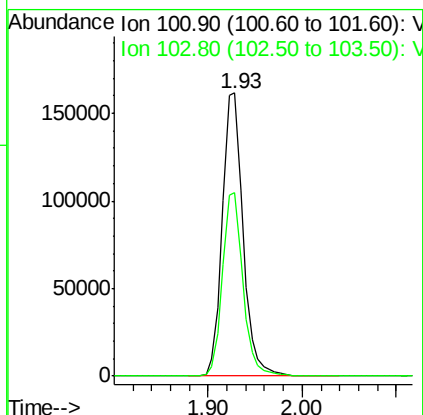
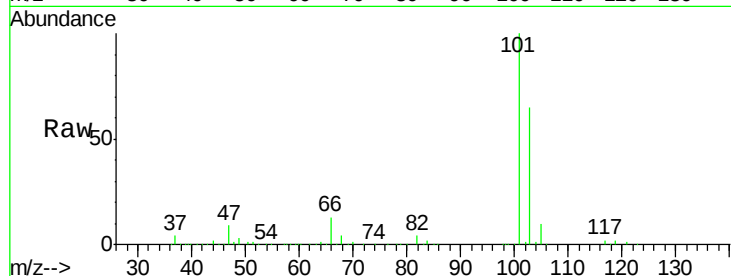


#7

Trichlorofluoromethane
Concen: 47.35 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

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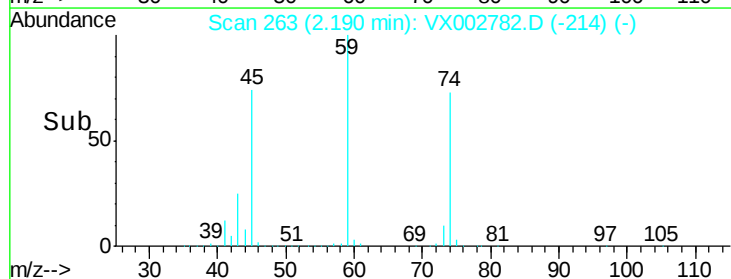
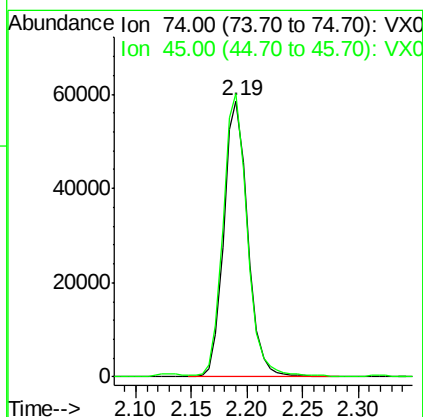
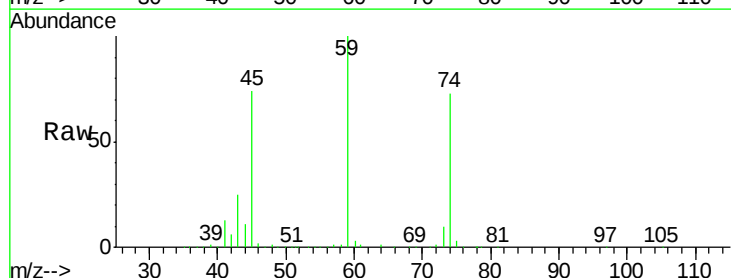
Tot Ion:101 Resp: 247443
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2

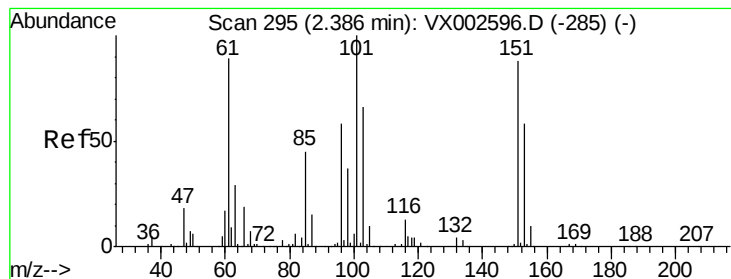


#8

Diethyl Ether
Concen: 43.74 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 74 Resp: 86934
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.23 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

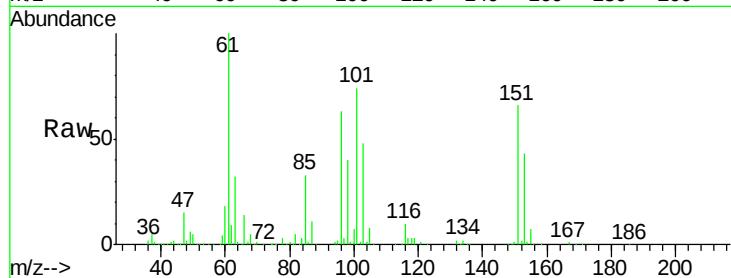
Tot Ion:101 Resp: 140872

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

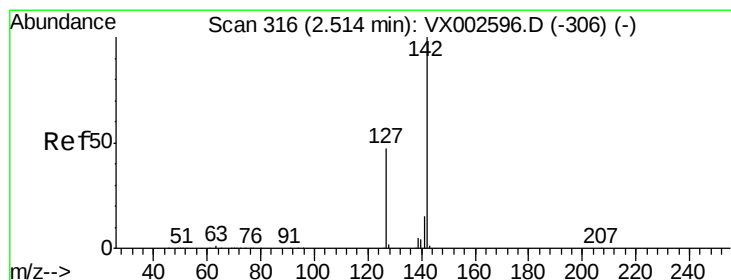
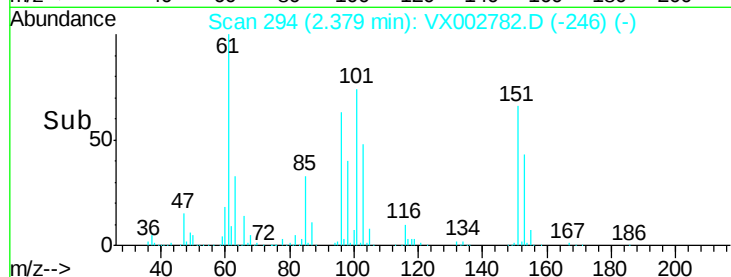
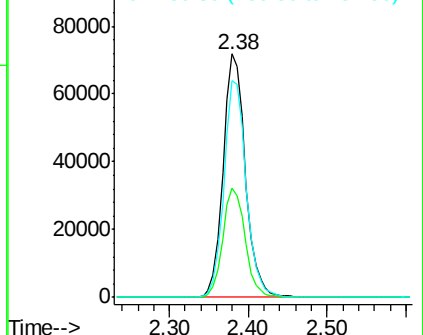
151 89.3 70.9 106.3



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: 32.92 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

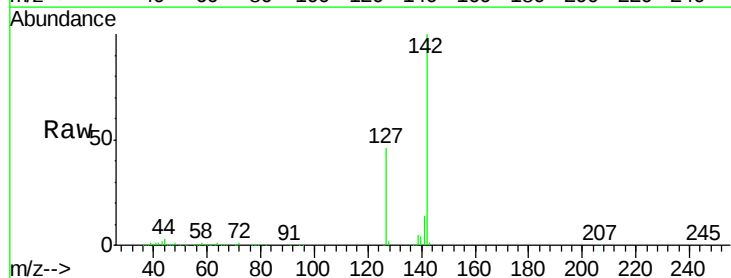
Tgt Ion:142 Resp: 121960

Ion Ratio Lower Upper

142 100

127 46.2 36.6 55.0

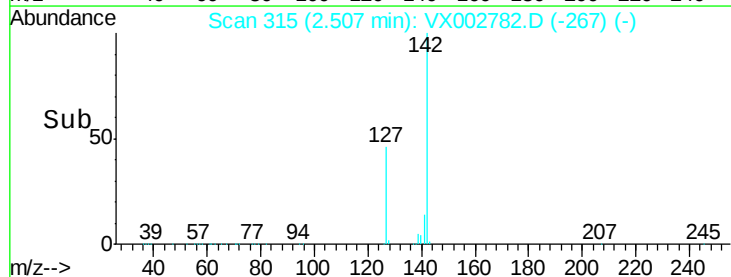
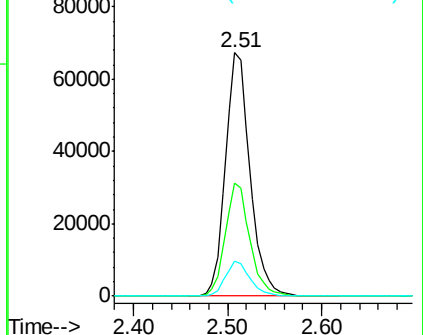
141 14.5 11.3 16.9

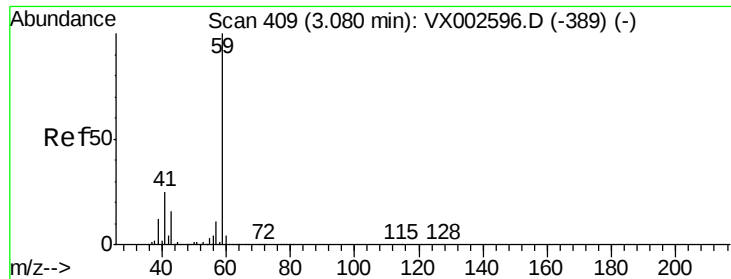


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 202.47 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

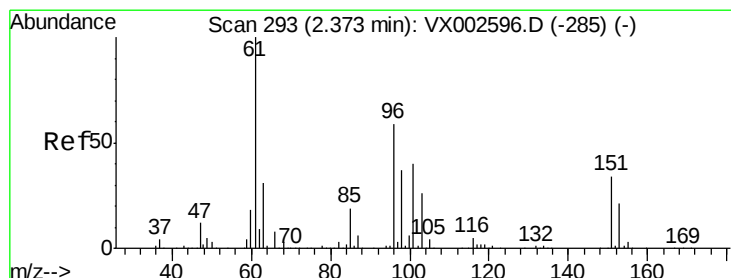
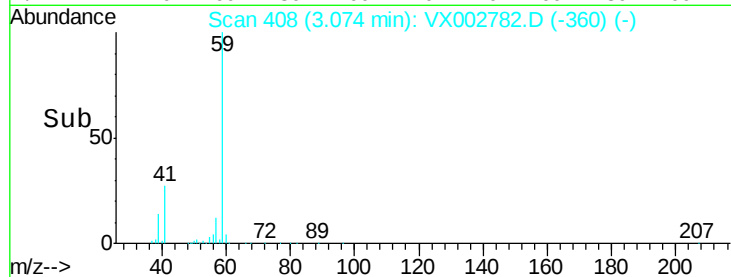
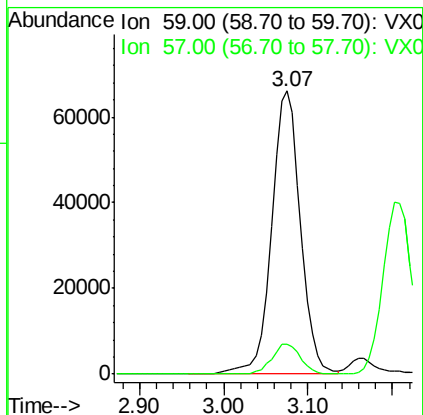
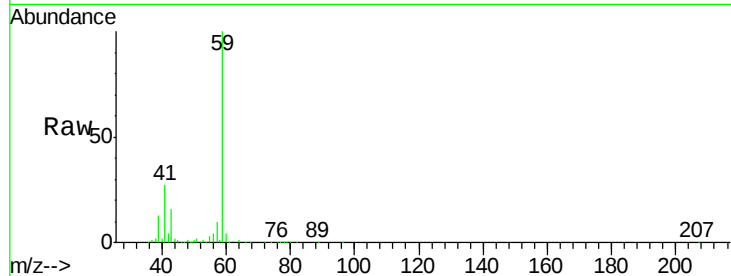
BFB

Tot Ion: 59 Resp: 156110

Ion Ratio Lower Upper

59 100

57 10.7 8.2 12.2



#12

1,1-Dichloroethene

Concen: 44.93 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

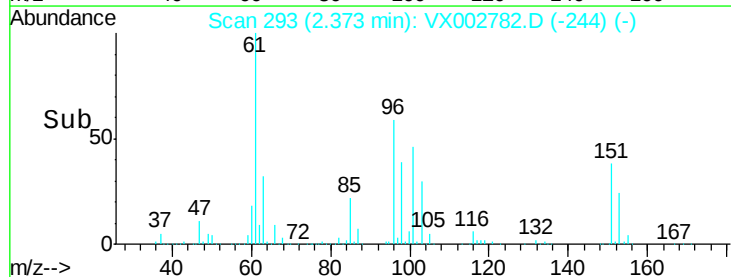
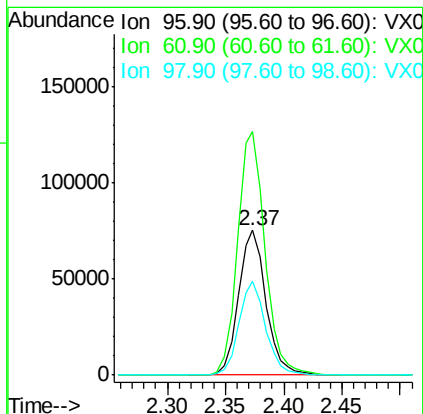
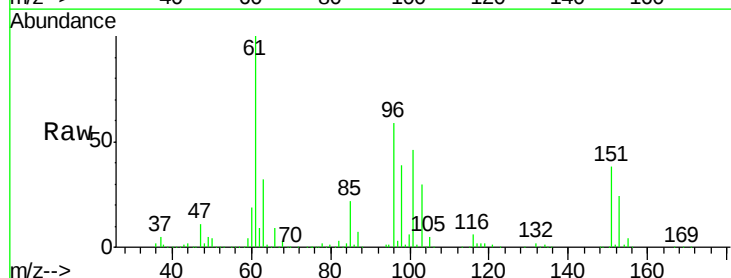
Tgt Ion: 96 Resp: 123211

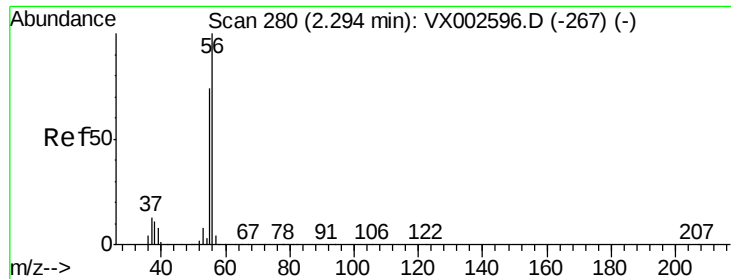
Ion Ratio Lower Upper

96 100

61 168.1 137.9 206.9

98 65.1 51.6 77.4





#13

Acrolein

Concen: 353.03 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

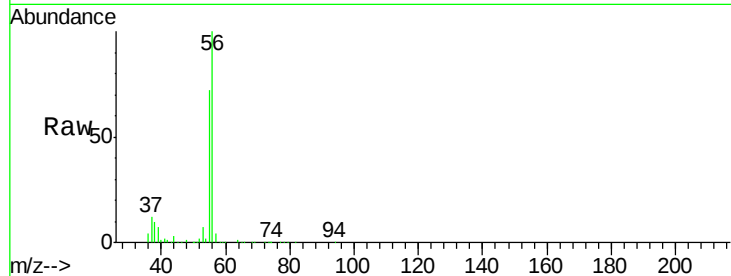
BFB

Tot Ion: 56 Resp: 128654

Ion Ratio Lower Upper

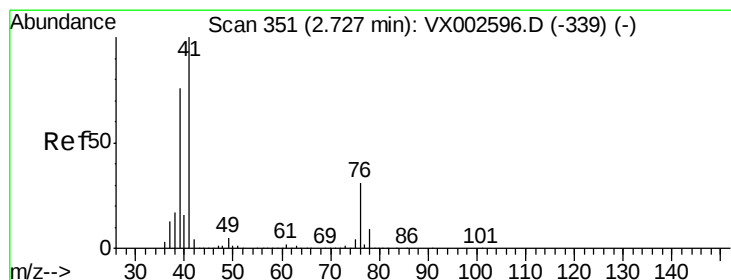
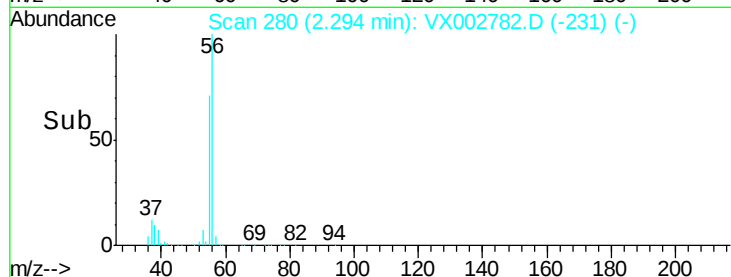
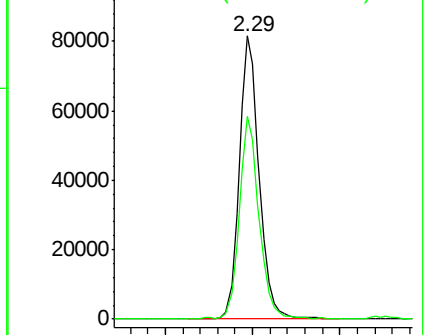
56 100

55 71.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

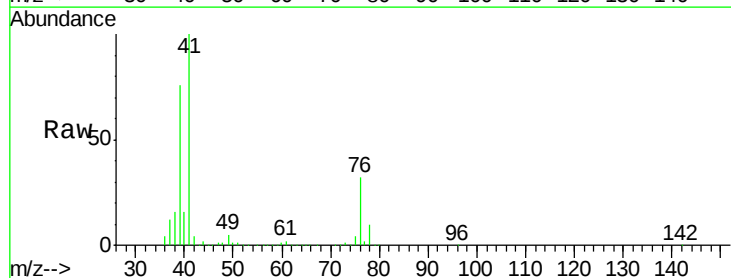
Tgt Ion: 41 Resp: 243085

Ion Ratio Lower Upper

41 100

39 72.6 56.8 85.2

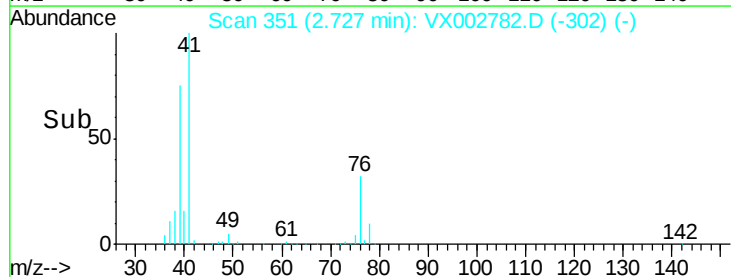
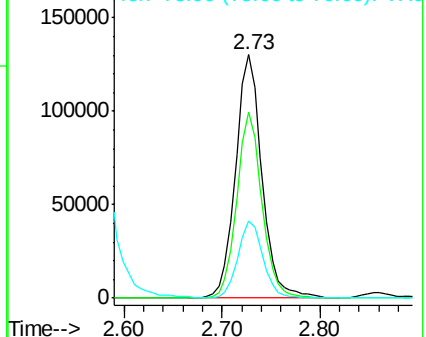
76 30.4 23.8 35.8

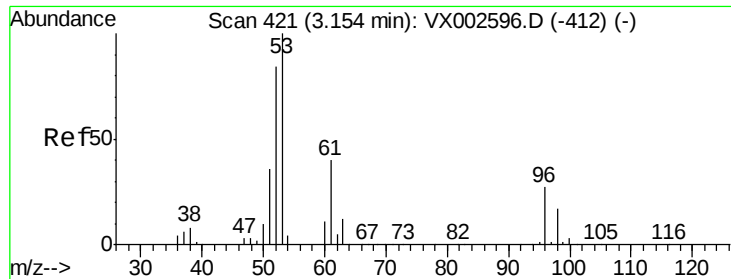


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

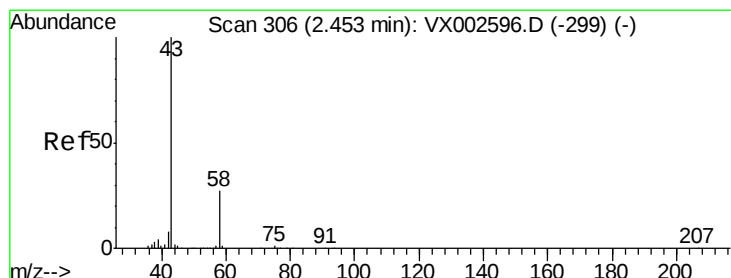
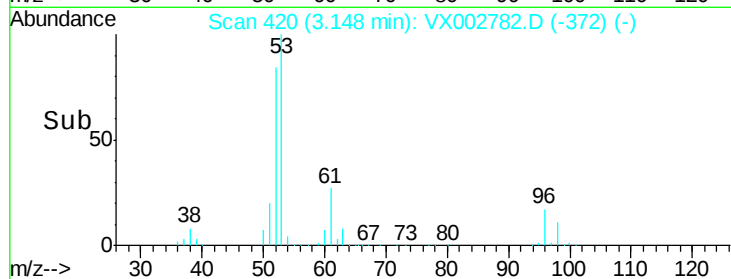
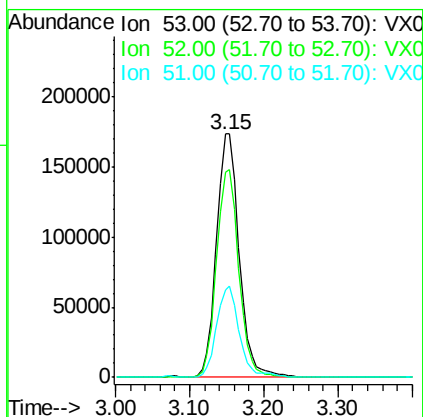
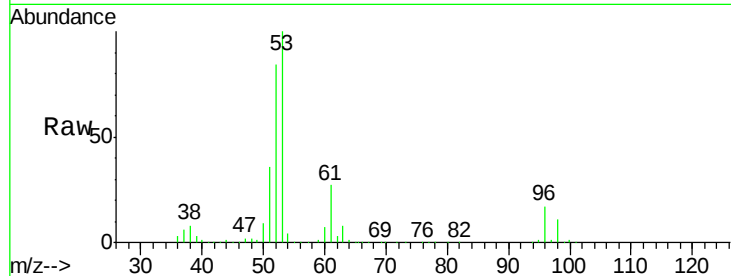




#15
 Acrylonitrile
 Concen: 216.42 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

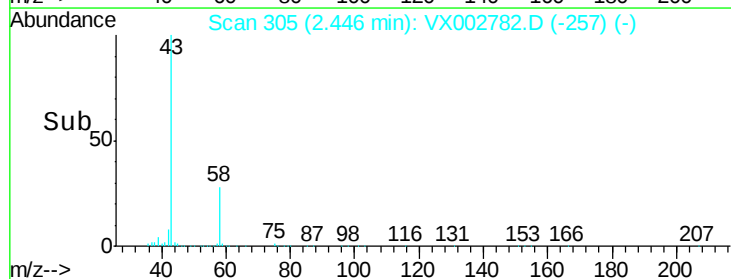
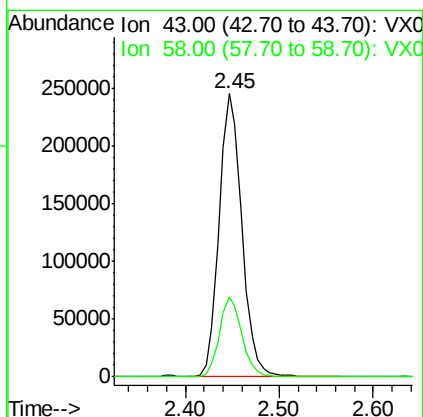
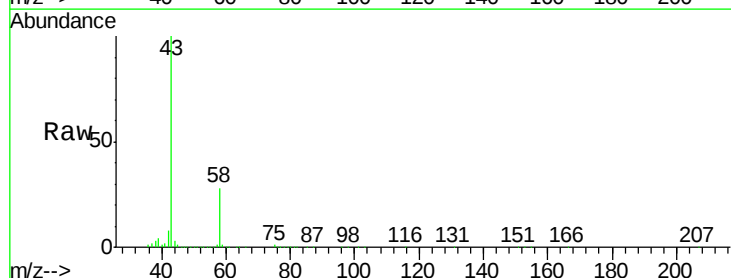
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

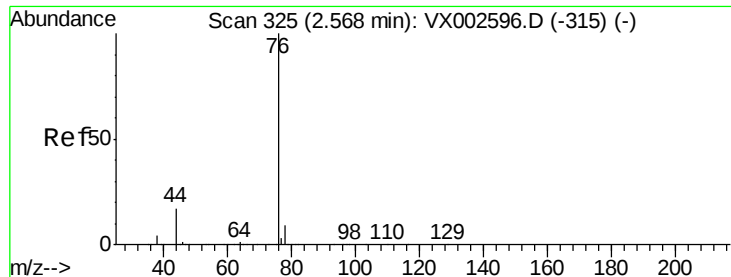
Tot Ion: 53 Resp: 364118
 Ion Ratio Lower Upper
 53 100
 52 84.3 66.7 100.1
 51 37.4 29.9 44.9



#16
 Acetone
 Concen: 247.97 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 43 Resp: 408031
 Ion Ratio Lower Upper
 43 100
 58 28.4 22.1 33.1

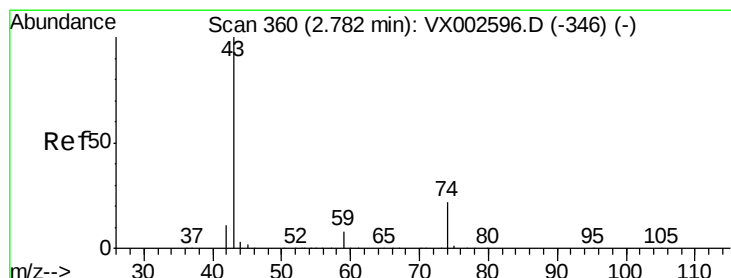
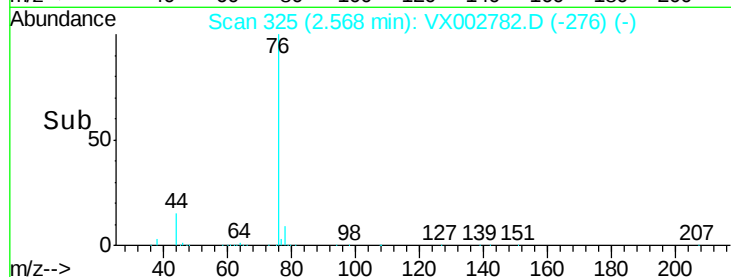
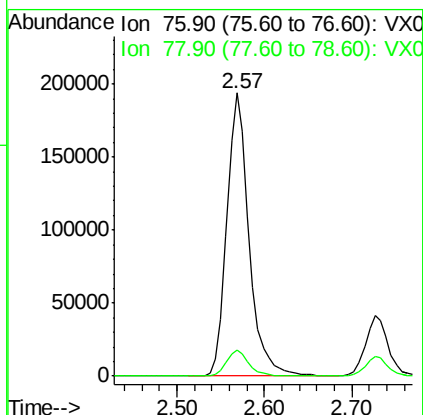
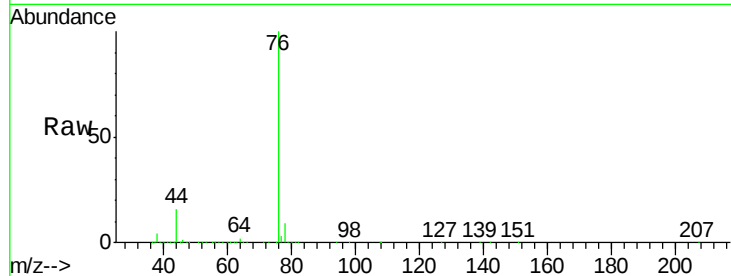




#17
Carbon Disulfide
Concen: 52.47 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

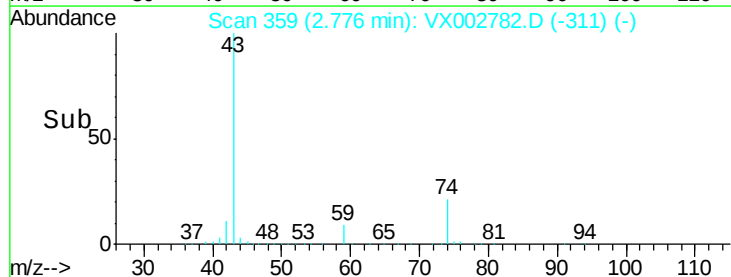
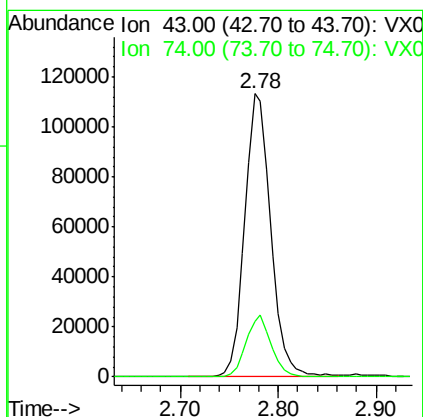
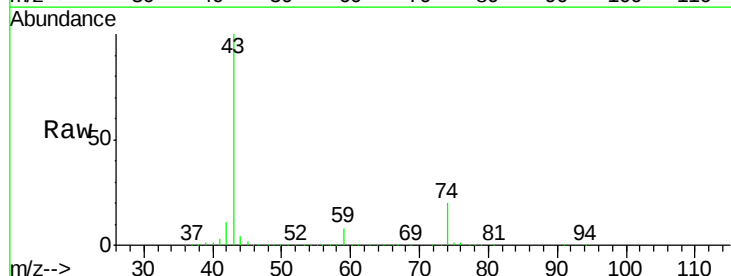
Instrument :
MSVOA_X
ClientSampleId :
BFB

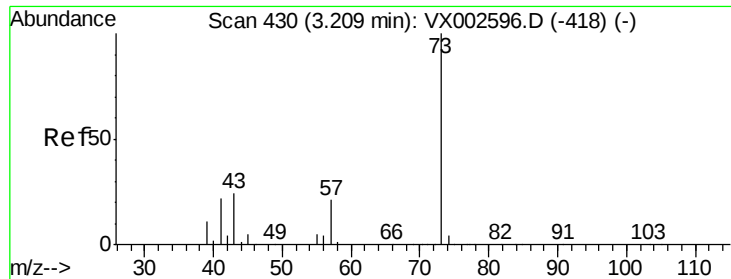
Tot Ion: 76 Resp: 341297
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 47.34 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 43 Resp: 207531
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1

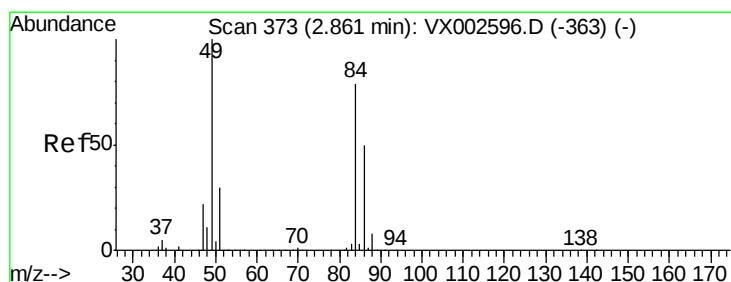
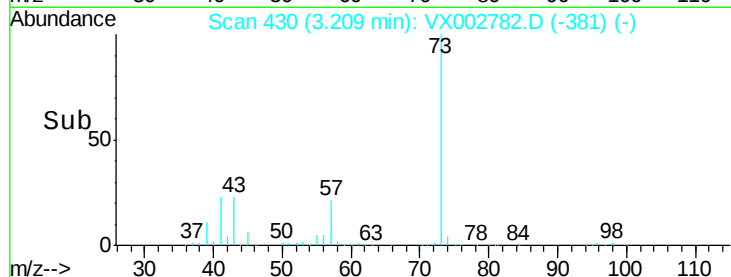
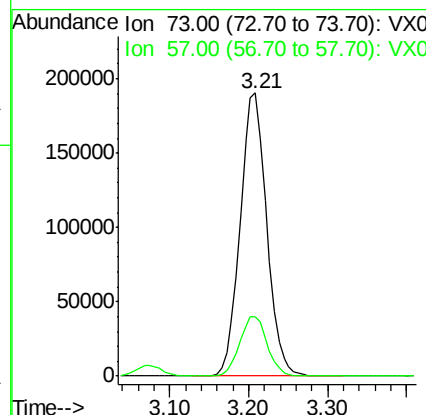
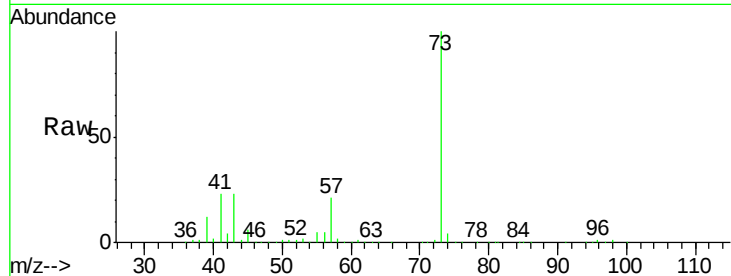




#19
Methyl tert-butyl Ether
Concen: 43.37 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

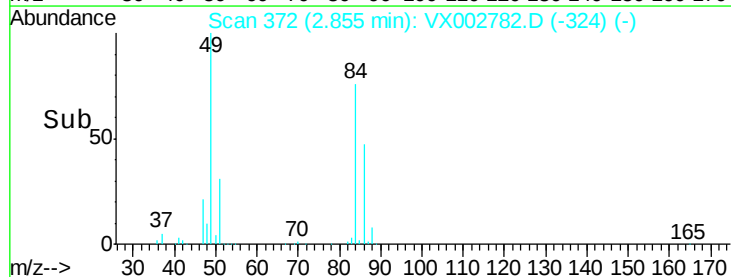
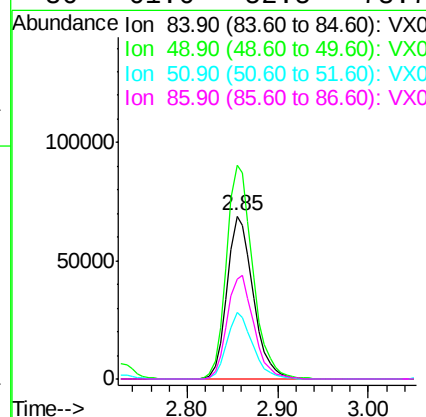
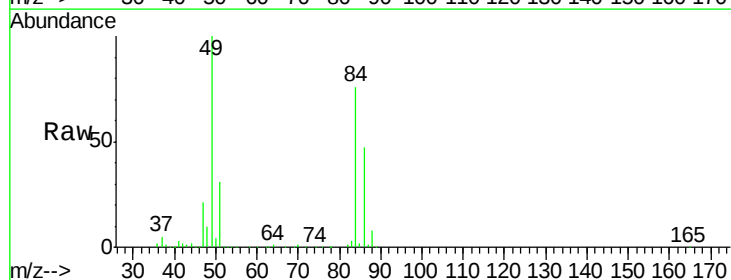
Instrument :
MSVOA_X
ClientSampleId :
BFB

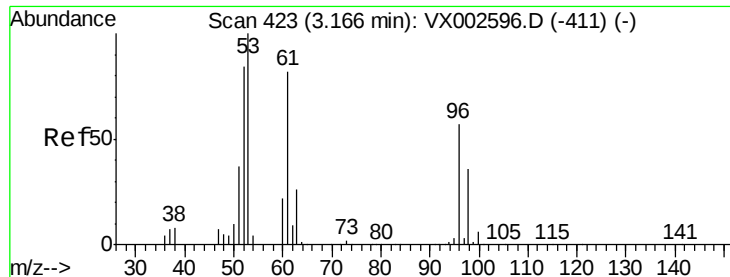
Tot Ion: 73 Resp: 446225
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 41.05 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 84 Resp: 138481
Ion Ratio Lower Upper
84 100
49 130.9 107.8 161.6
51 40.7 32.8 49.2
86 61.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.86 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

BFB

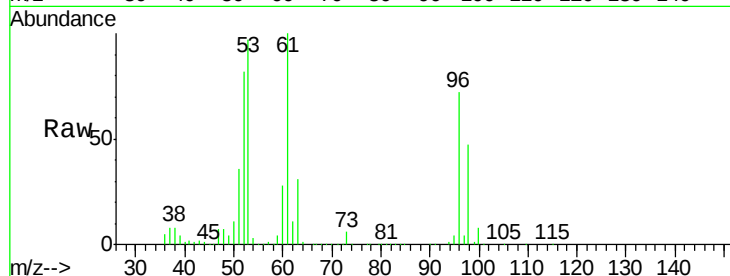
Tot Ion: 96 Resp: 133471

Ion Ratio Lower Upper

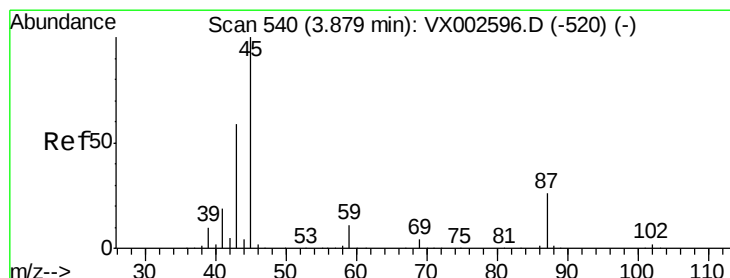
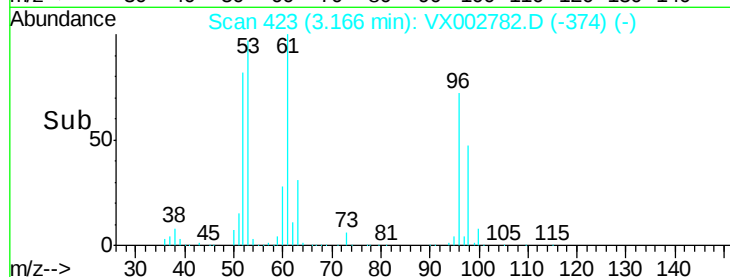
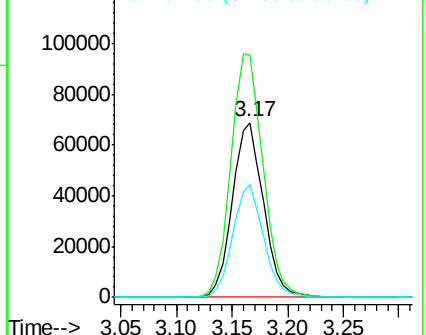
96 100

61 138.5 117.0 175.4

98 64.5 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: 47.91 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion: 45 Resp: 471931

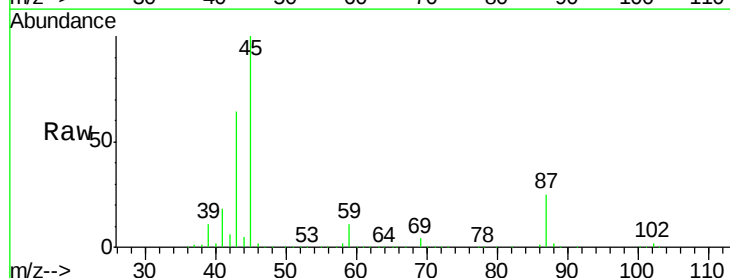
Ion Ratio Lower Upper

45 100

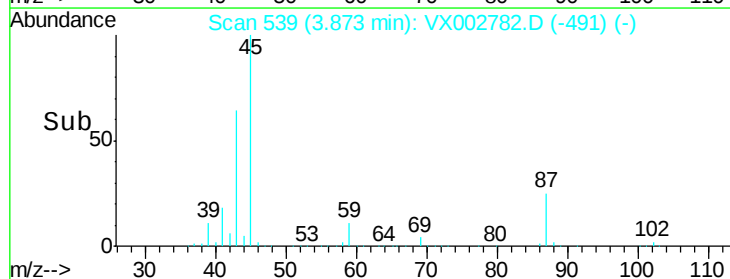
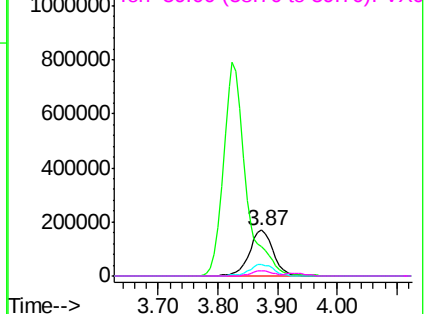
43 63.8 46.8 70.2

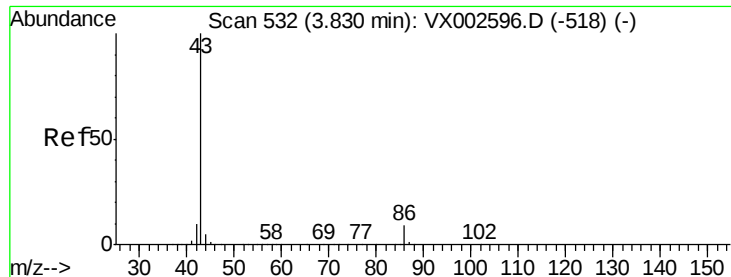
87 25.4 20.2 30.4

59 10.8 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: 251.16 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

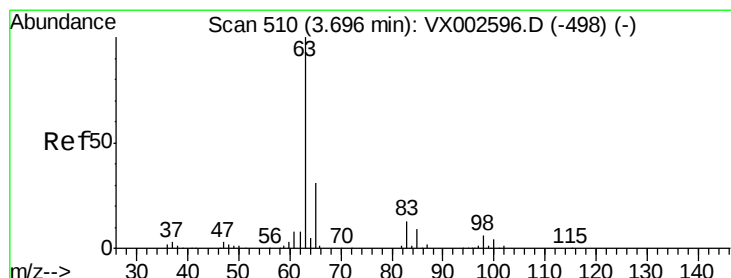
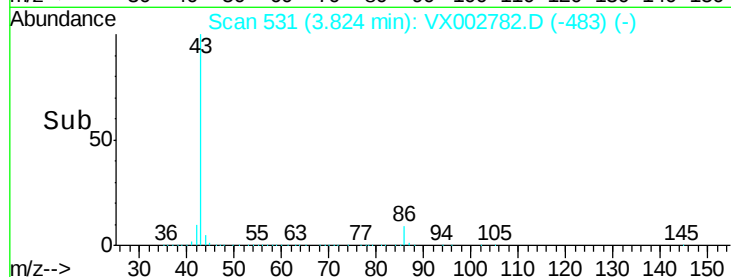
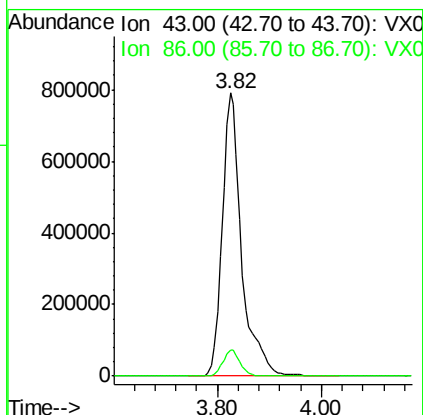
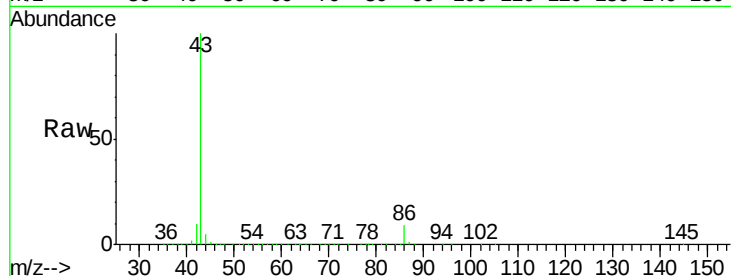
BFB

Tot Ion: 43 Resp: 2070869

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



#24

1,1-Dichloroethane

Concen: 47.97 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

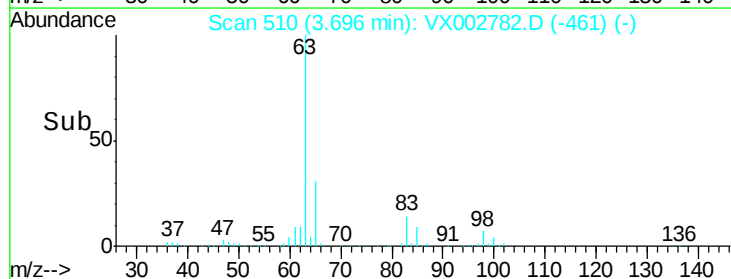
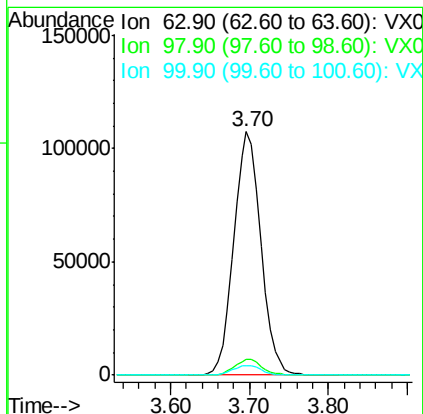
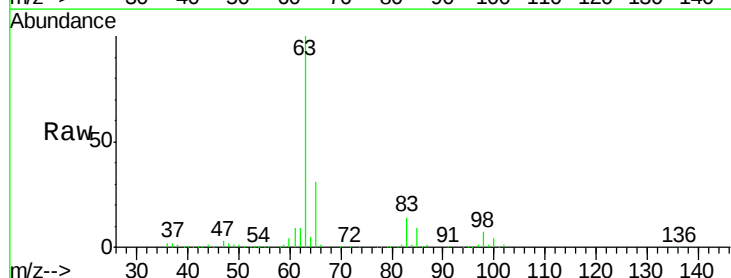
Tgt Ion: 63 Resp: 256462

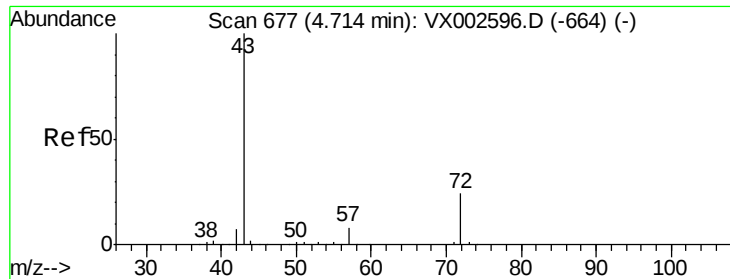
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 248.52 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

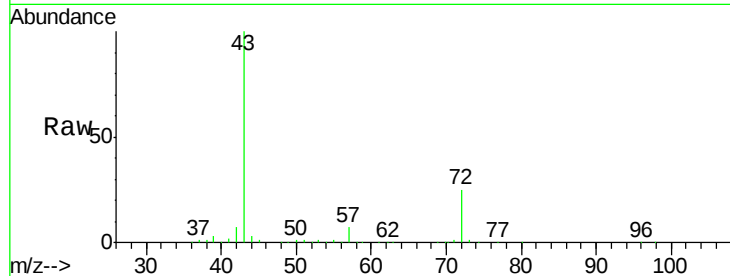
BFB

Tot Ion: 43 Resp: 537047

Ion Ratio Lower Upper

43 100

72 24.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

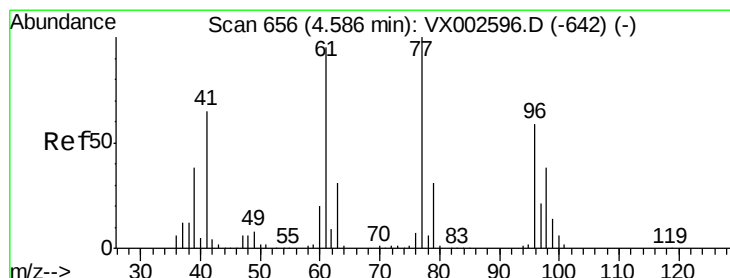
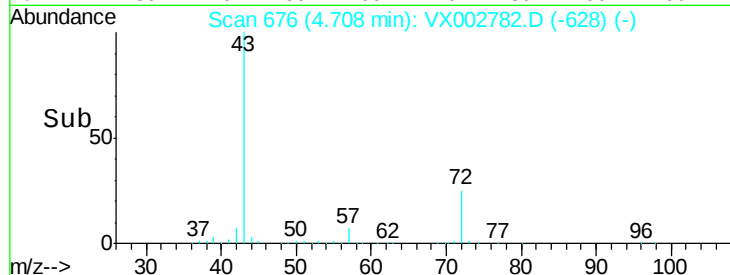
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.38 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002782.D

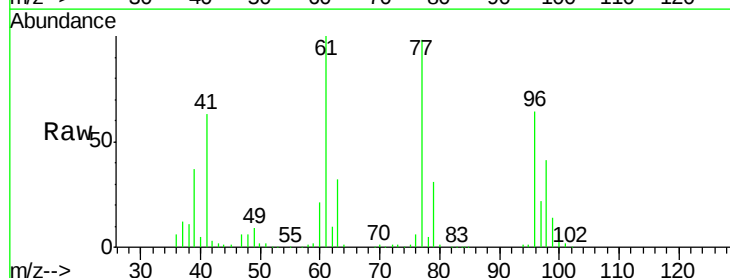
Acq: 21 Jun 2018 10:32

Tgt Ion: 77 Resp: 201232

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

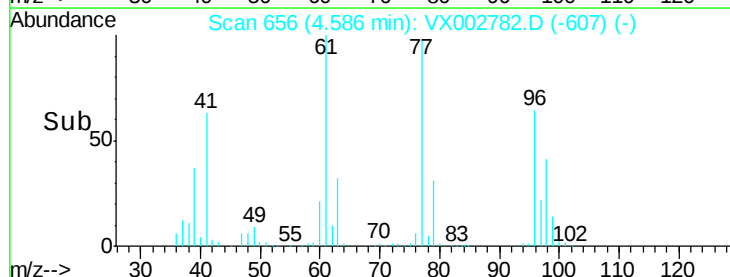
40000

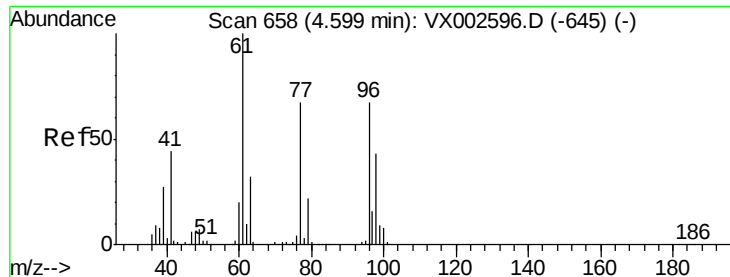
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 48.82 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

BFB

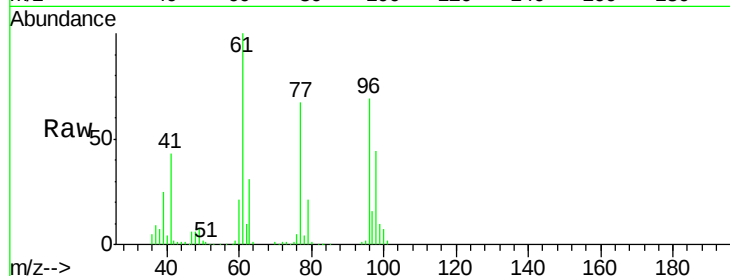
Tot Ion: 96 Resp: 147773

Ion Ratio Lower Upper

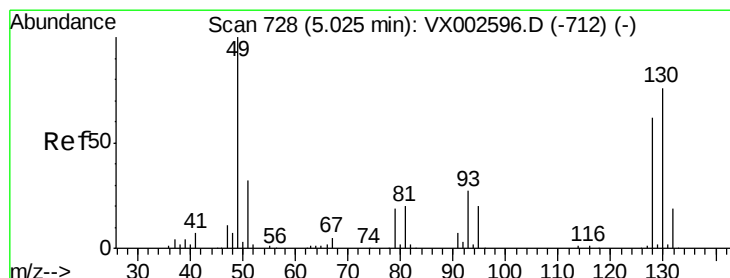
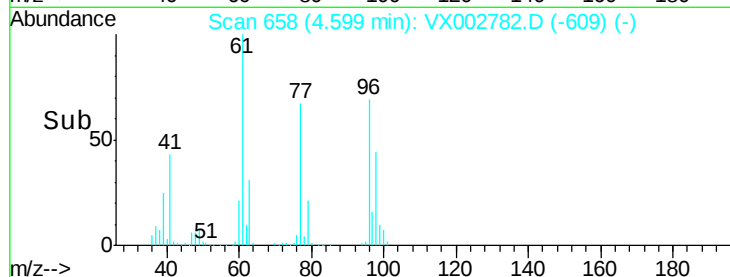
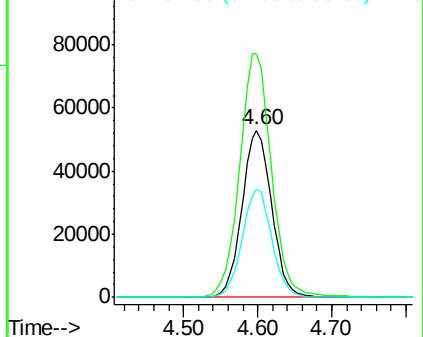
96 100

61 157.3 0.0 330.2

98 64.8 0.0 130.2



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



#28

Bromochloromethane

Concen: 46.48 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

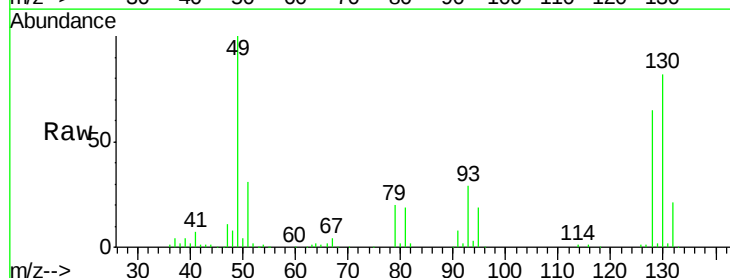
Tgt Ion: 49 Resp: 116373

Ion Ratio Lower Upper

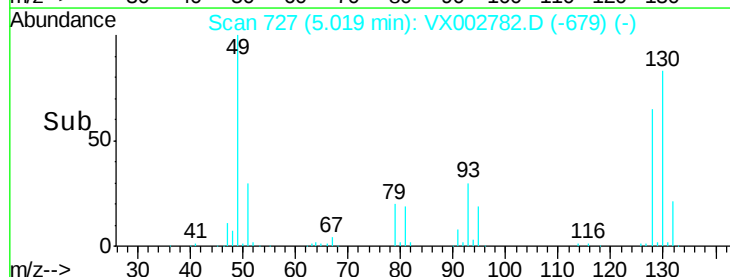
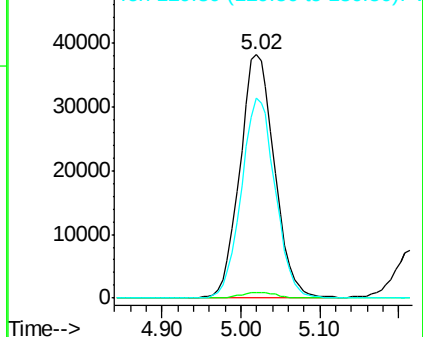
49 100

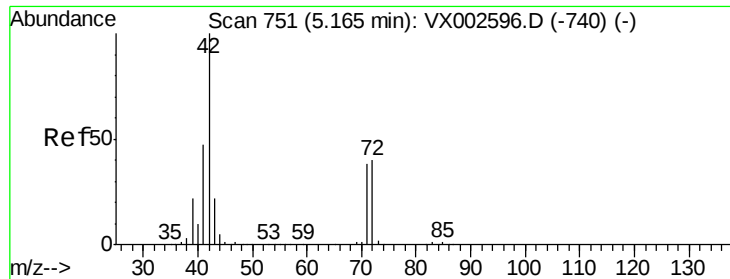
129 2.3 0.0 4.2

130 80.5 61.2 91.8



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





#29

Tetrahydrofuran

Concen: 234.50 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

BFB

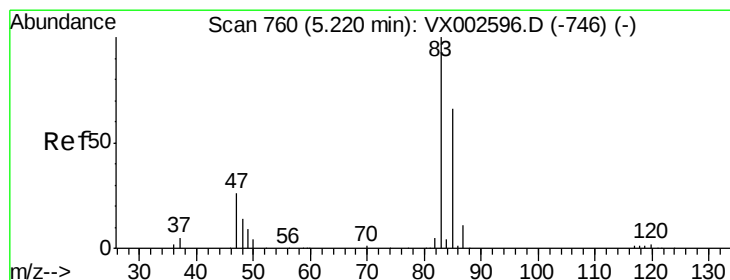
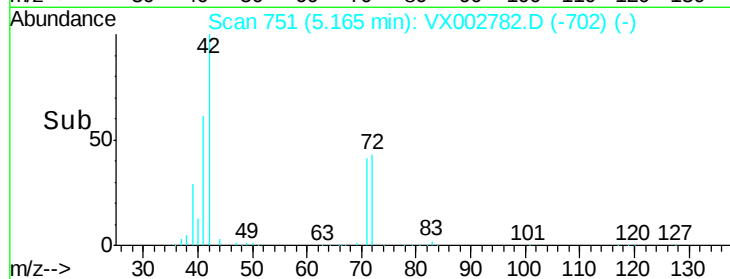
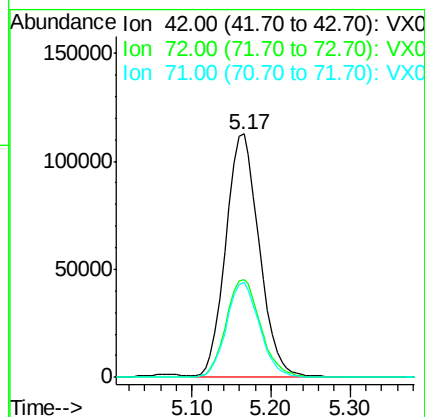
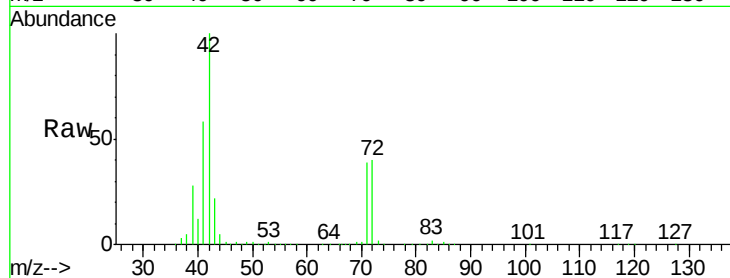
Tot Ion: 42 Resp: 332105

Ion Ratio Lower Upper

42 100

72 41.7 32.0 48.0

71 38.8 30.1 45.1



#30

Chloroform

Concen: 50.18 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002782.D

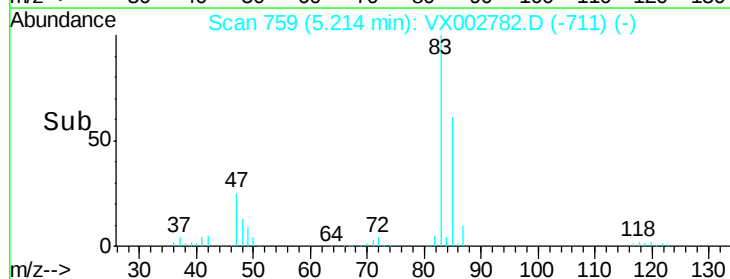
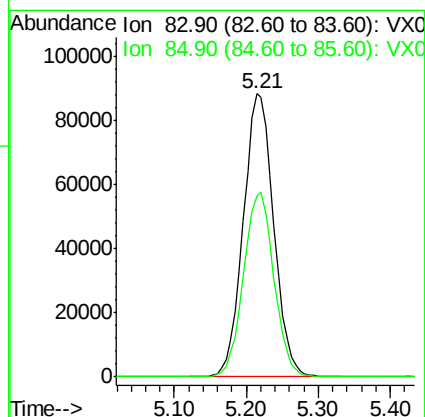
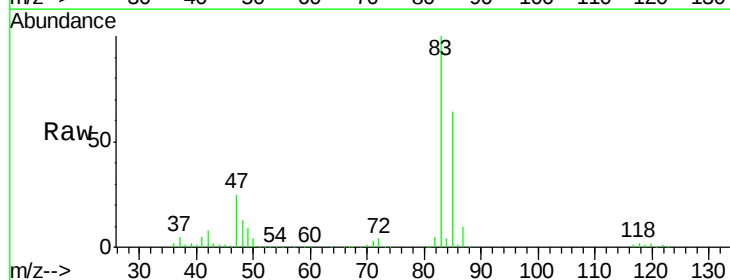
Acq: 21 Jun 2018 10:32

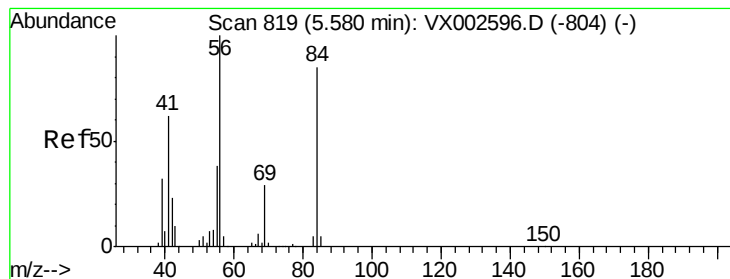
Tgt Ion: 83 Resp: 258736

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6





#31

Cyclohexane

Concen: 51.11 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

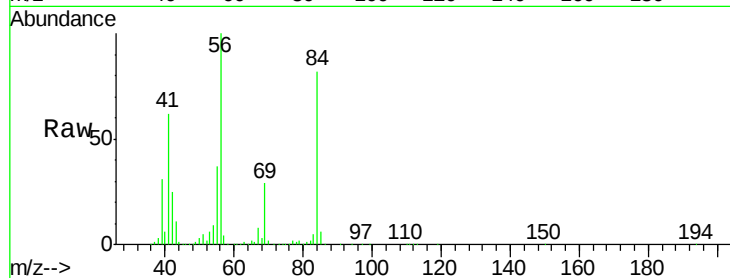
Tot Ion: 56 Resp: 224984

Ion Ratio Lower Upper

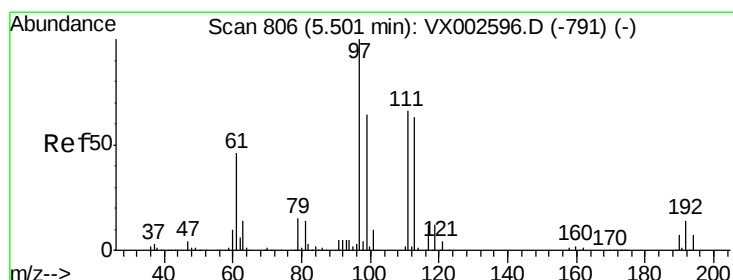
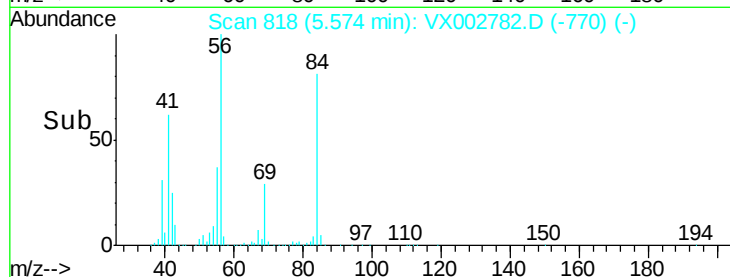
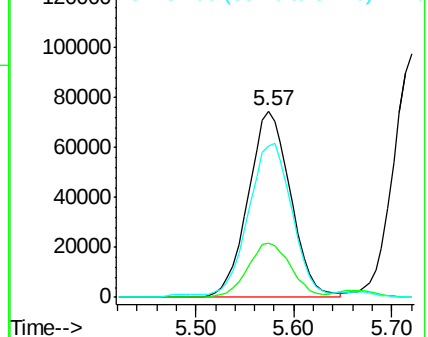
56 100

69 28.8 23.7 35.5

84 79.7 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: 53.28 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

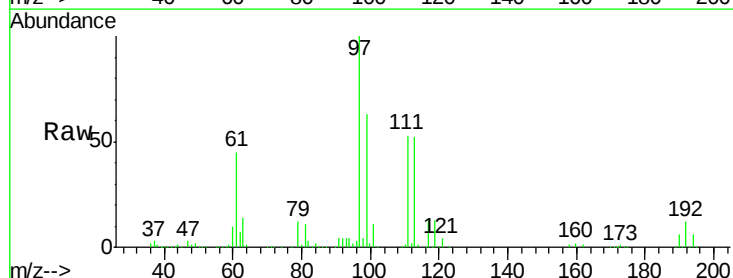
Tgt Ion: 97 Resp: 229749

Ion Ratio Lower Upper

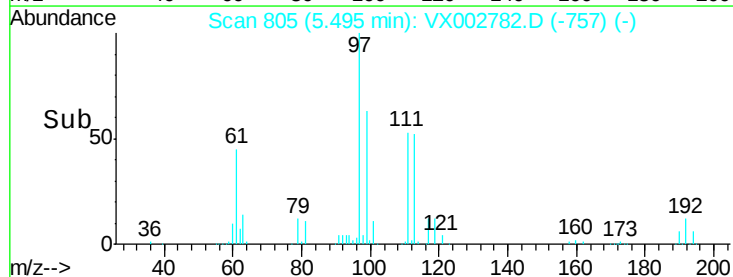
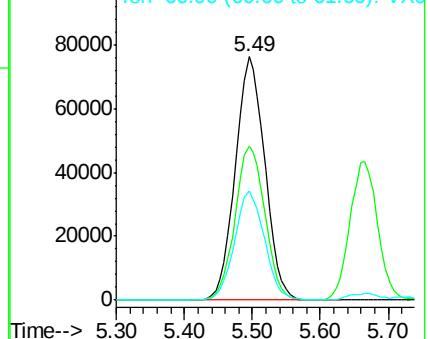
97 100

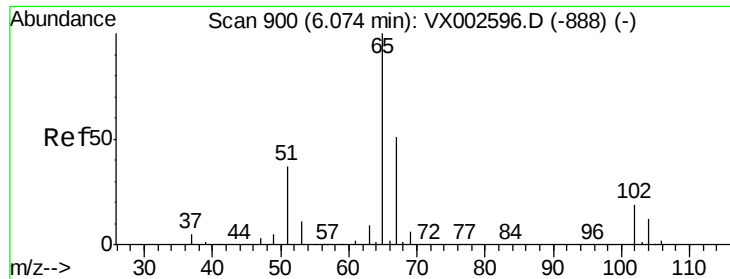
99 64.3 51.6 77.4

61 45.3 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

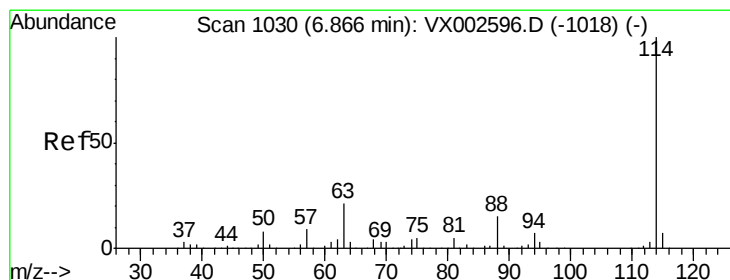
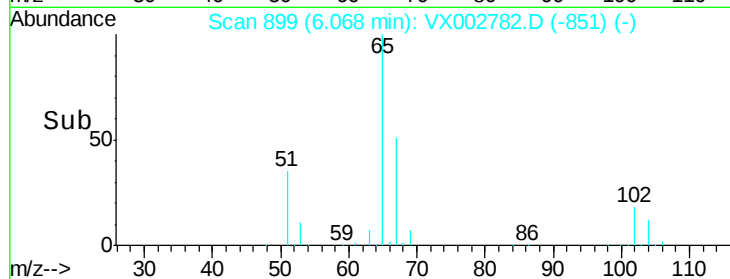
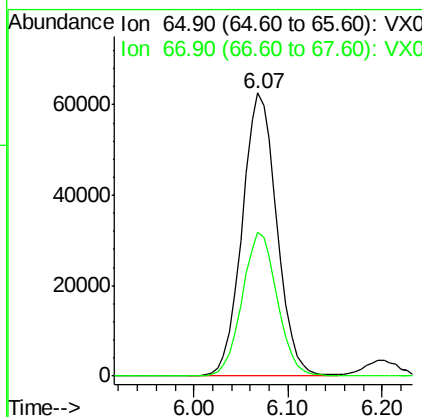
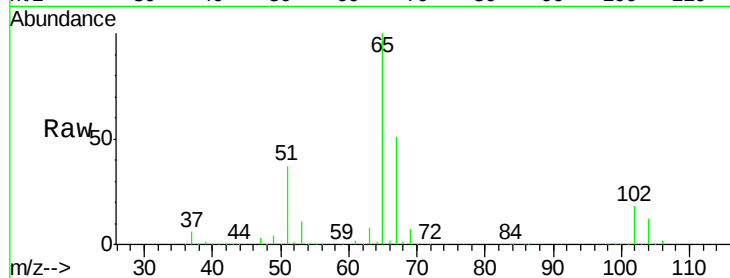




#33
 1,2-Dichloroethane-d4
 Concen: 43.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

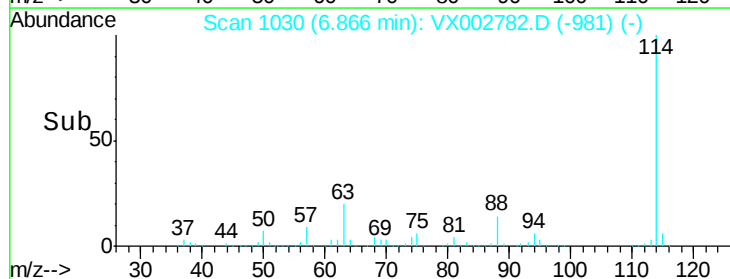
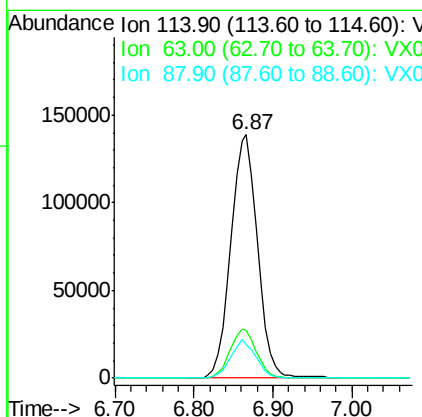
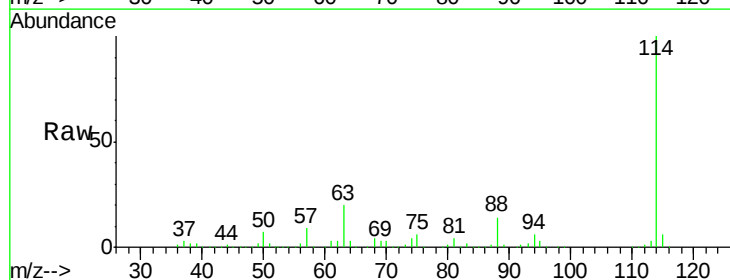
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

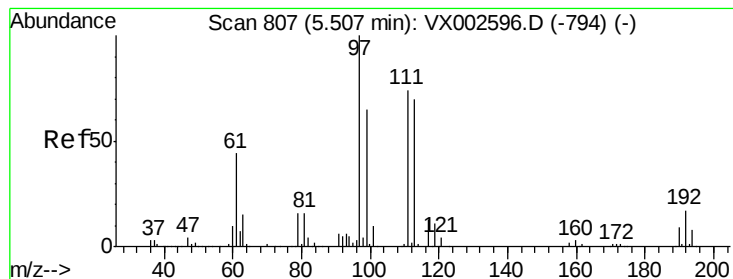
Tot Ion: 65 Resp: 161150
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 114 Resp: 326918
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 14.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.06 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

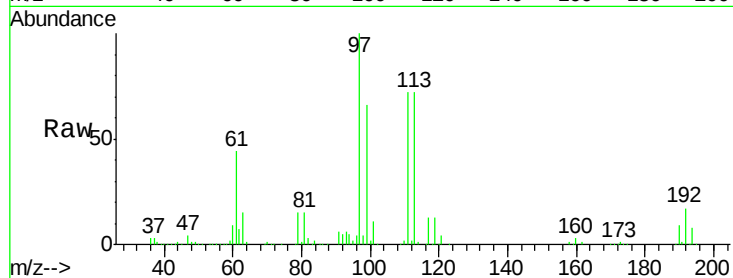
Tot Ion:113 Resp: 130619

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

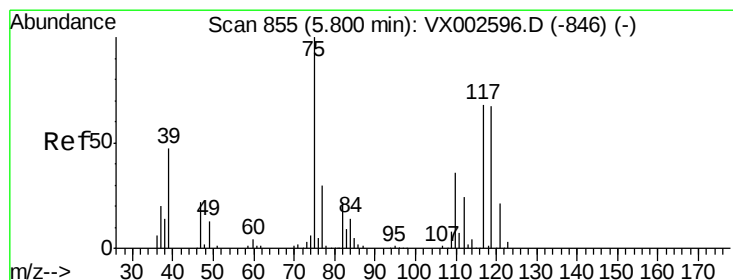
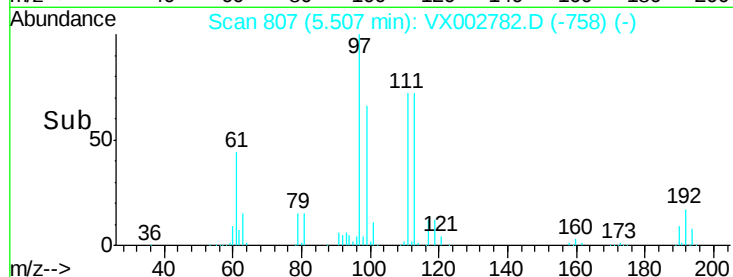
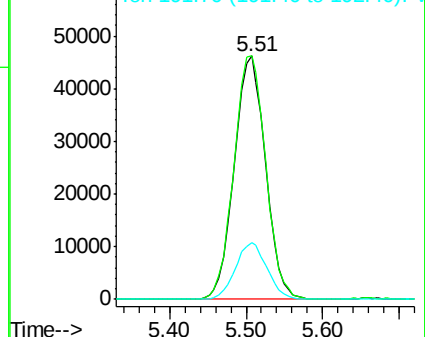
192 23.5 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 55.08 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

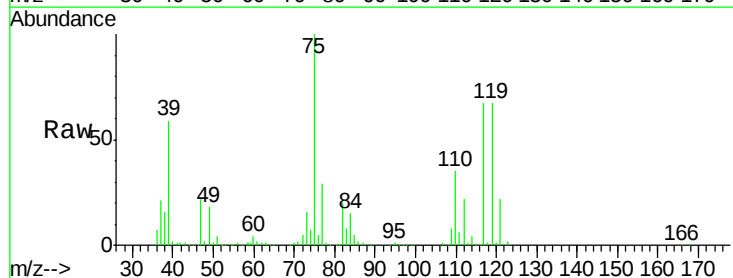
Tgt Ion: 75 Resp: 191252

Ion Ratio Lower Upper

75 100

110 37.2 18.1 54.4

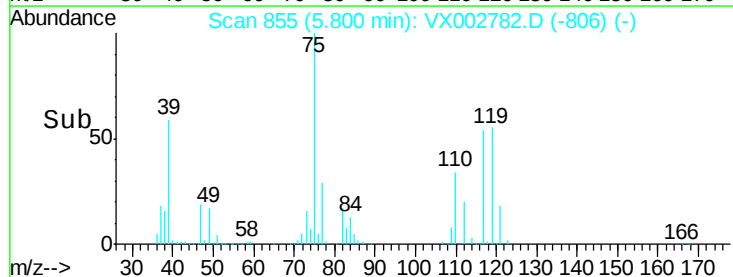
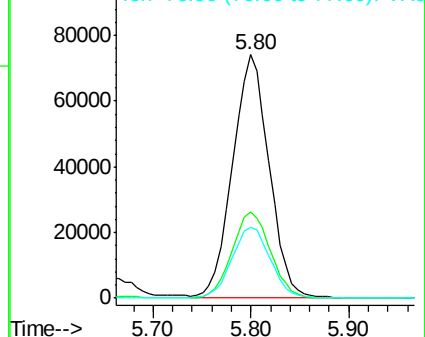
77 31.1 24.3 36.5

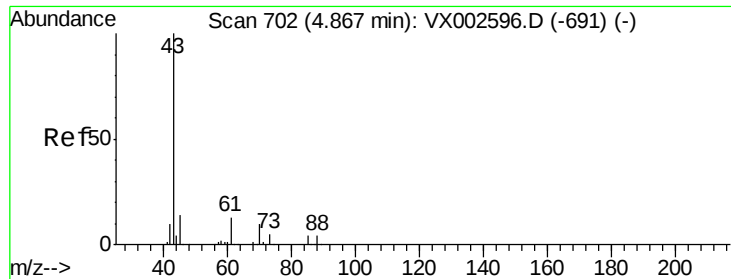


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

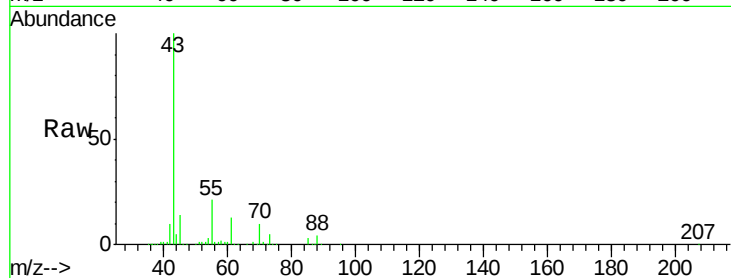




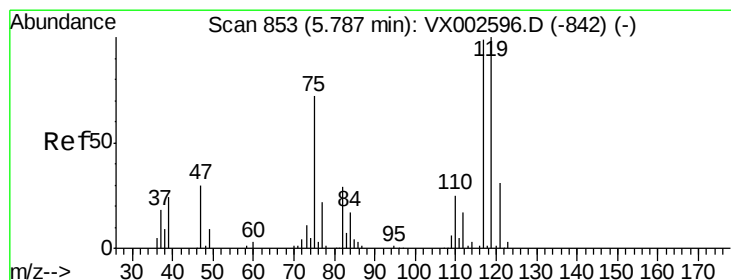
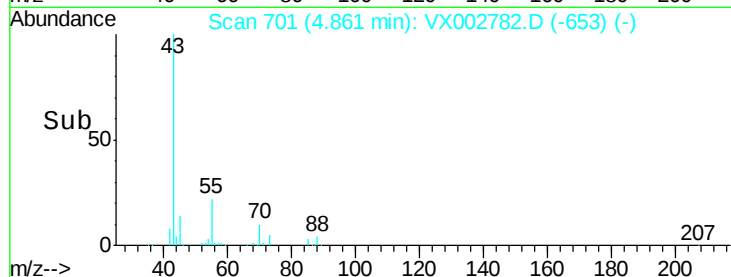
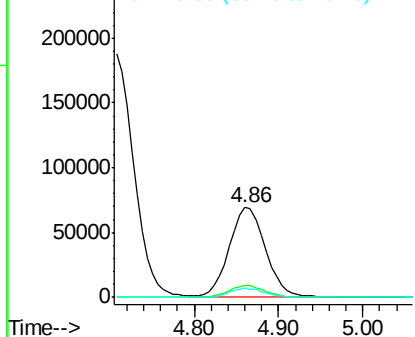
#37
Ethyl Acetate
Concen: 51.49 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion	43	Resp	202359
Ion Ratio	Lower	Upper	
43	100		
61	13.0	10.4	15.6
70	9.9	7.6	11.4

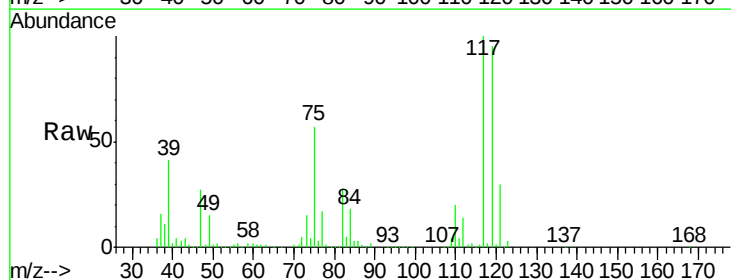


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

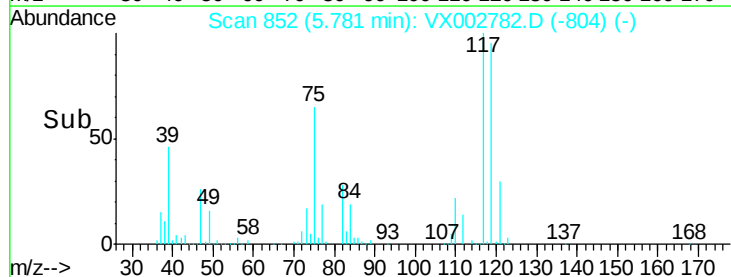
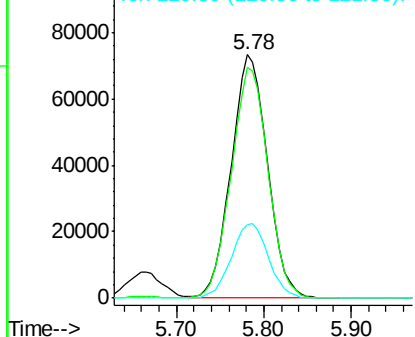


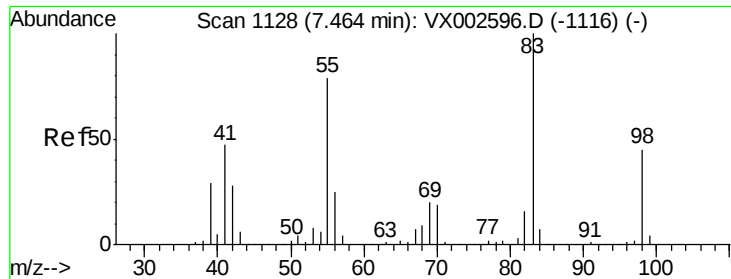
#38
Carbon Tetrachloride
Concen: 61.12 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	117	Resp	211325
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.4	116.0
121	30.1	24.4	36.6



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

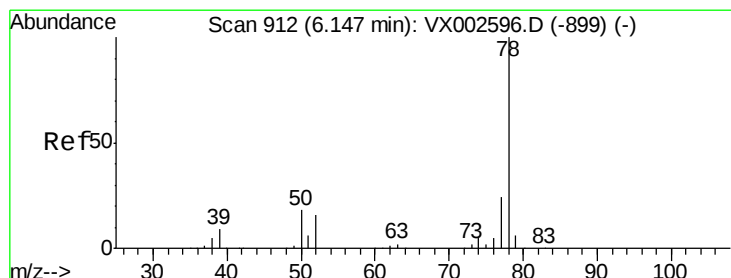
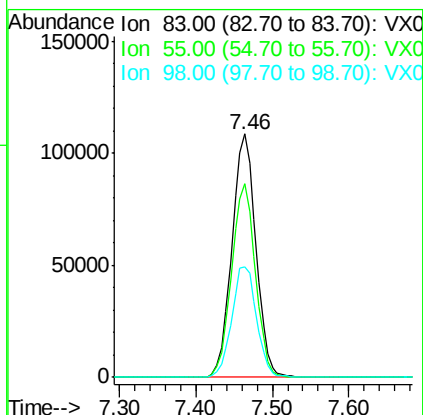
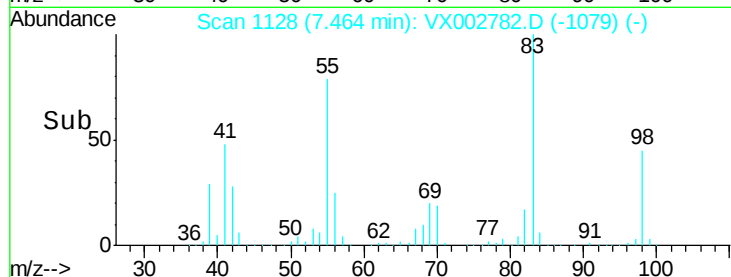
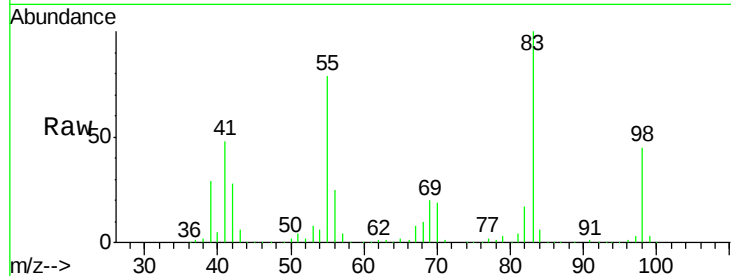




#39
Methvlcvclohexane
Concen: 57.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

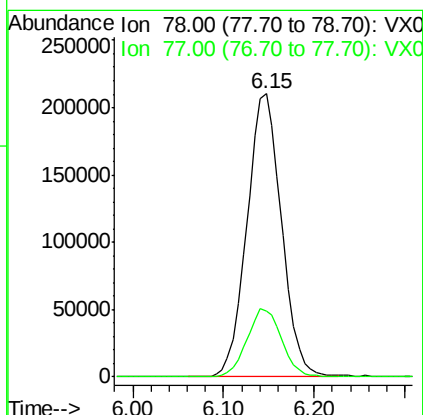
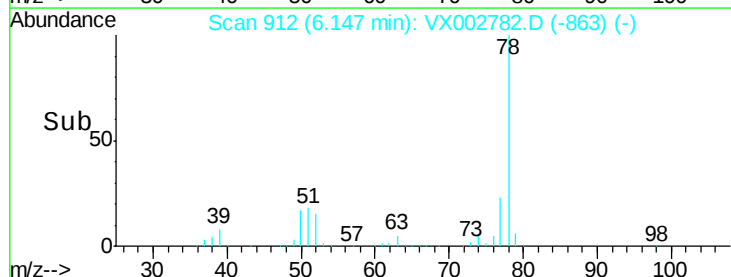
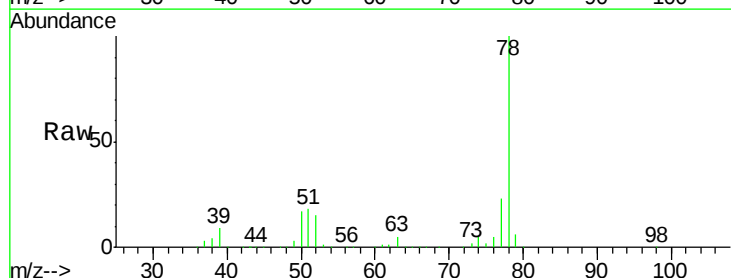
Instrument :
MSVOA_X
ClientSampled :
BFB

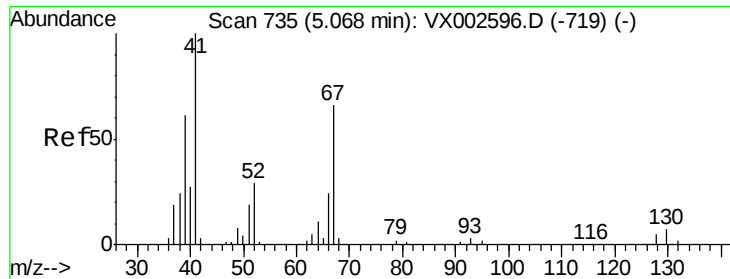
Tot Ion: 83 Resp: 235315
Ion Ratio Lower Upper
83 100
55 79.2 65.4 98.0
98 45.5 37.4 56.0



#40
Benzene
Concen: 53.13 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 78 Resp: 553183
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

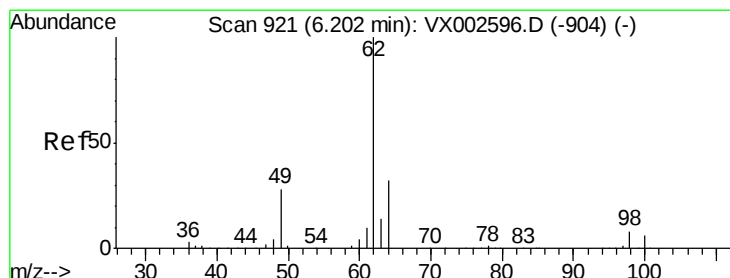
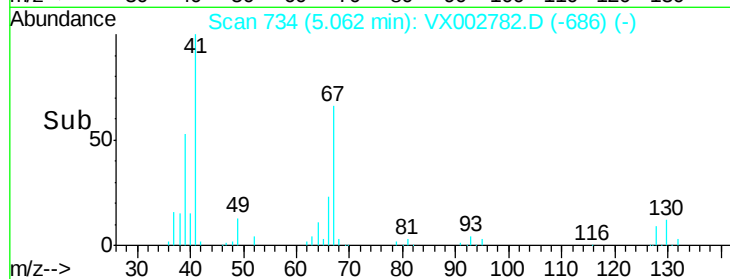
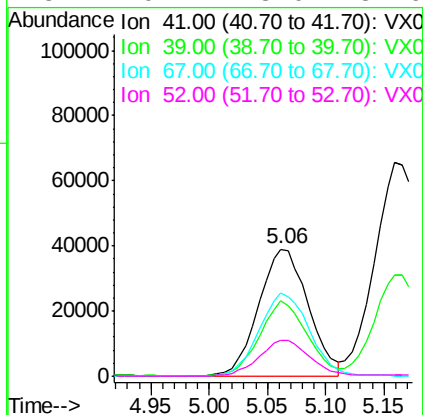
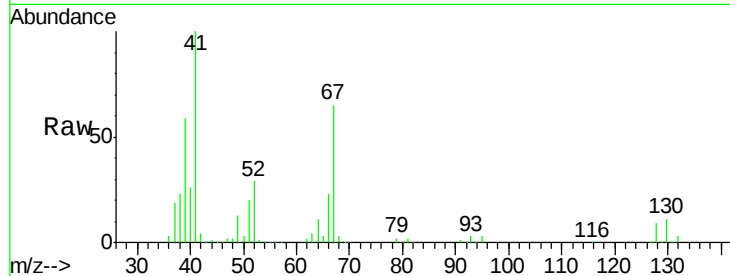




#41
Methacrylonitrile
Concen: 51.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

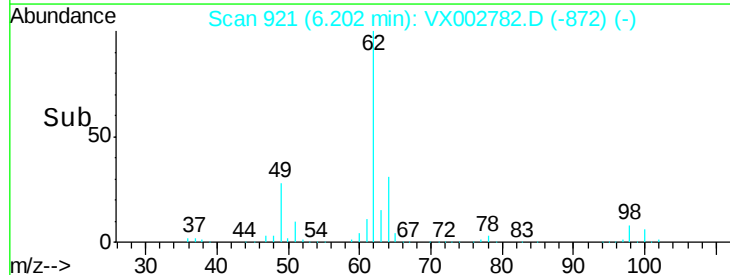
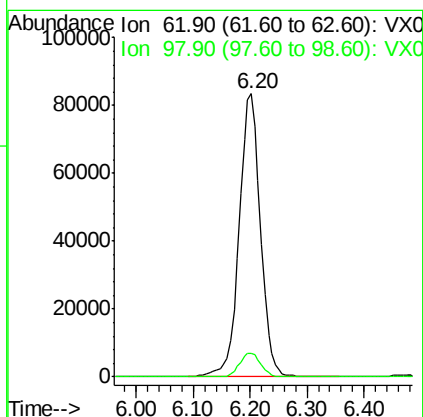
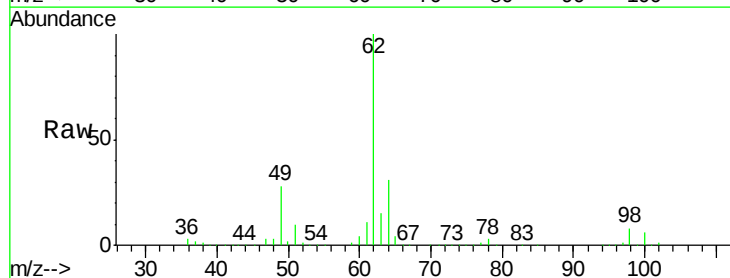
Instrument :
MSVOA_X
ClientSampled :
BFB

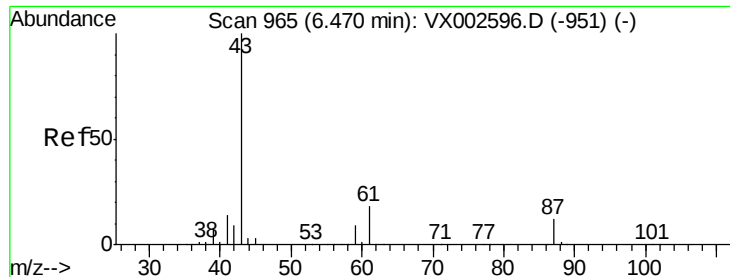
Tot Ion:	41	Resp:	115218
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.6
67	67.1	51.3	76.9
52	29.4	23.0	34.6



#42
1,2-Dichloroethane
Concen: 54.13 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:	62	Resp:	218196
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

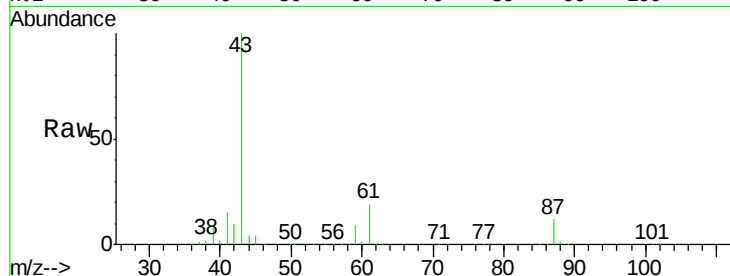
Tot Ion: 43 Resp: 333911

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

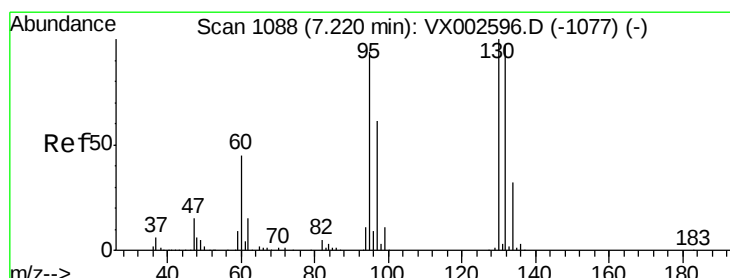
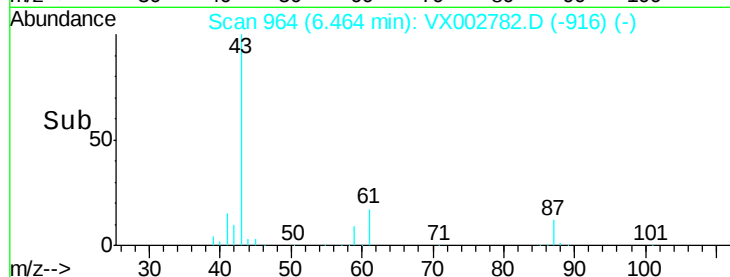
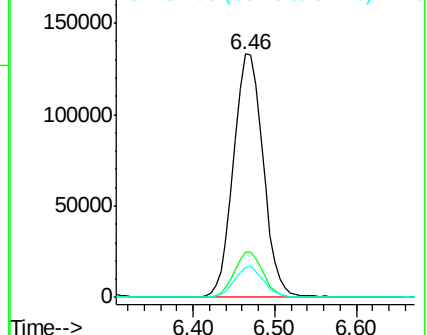
87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 54.31 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002782.D

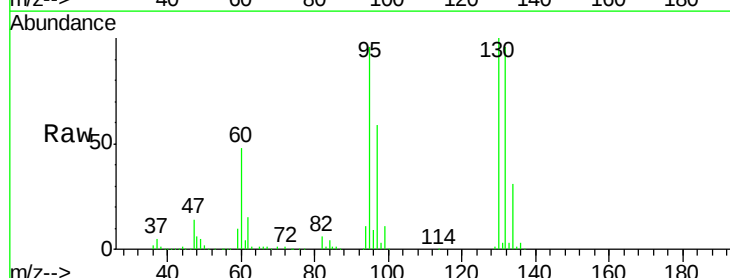
Acq: 21 Jun 2018 10:32

Tgt Ion:130 Resp: 163199

Ion Ratio Lower Upper

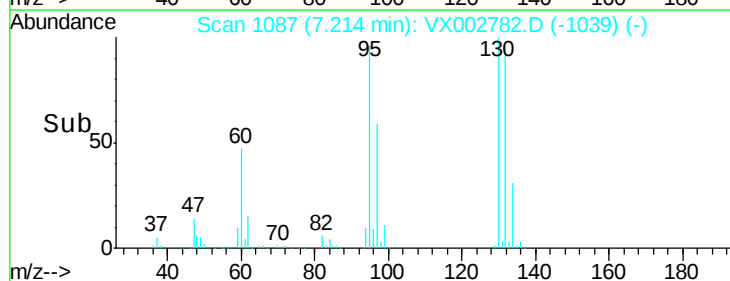
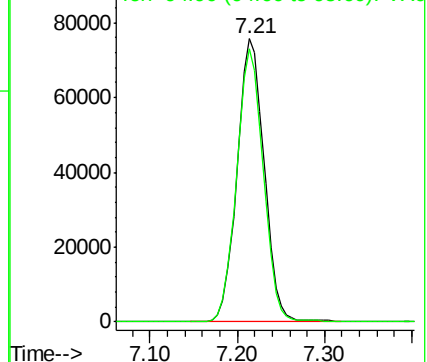
130 100

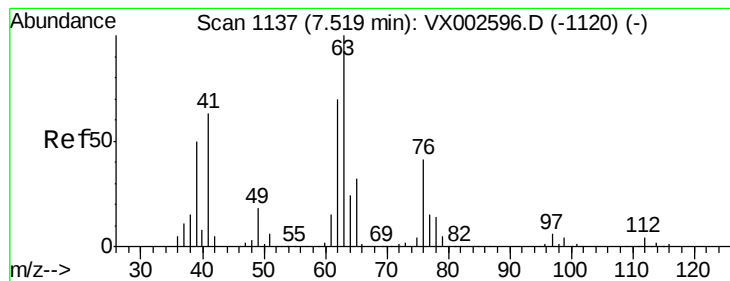
95 96.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

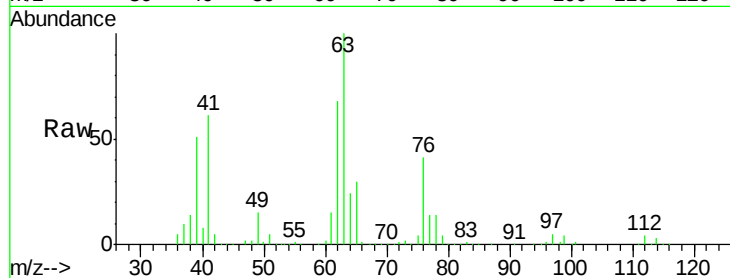
BFB

Tot Ion: 63 Resp: 147327

Ion Ratio Lower Upper

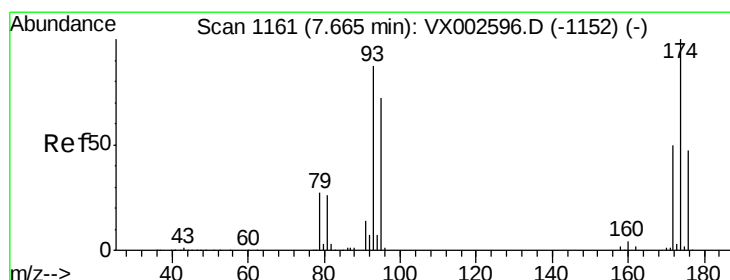
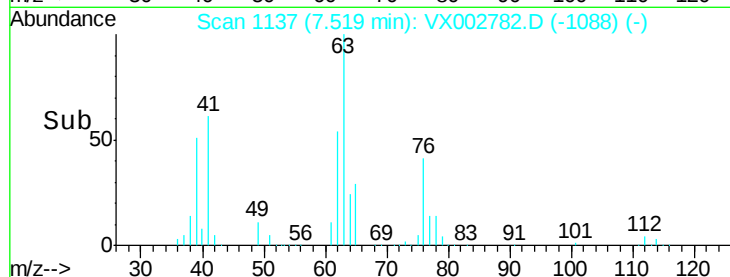
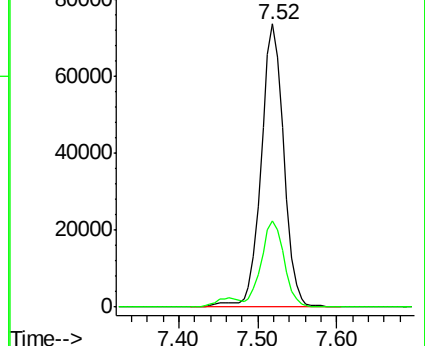
63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 55.18 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

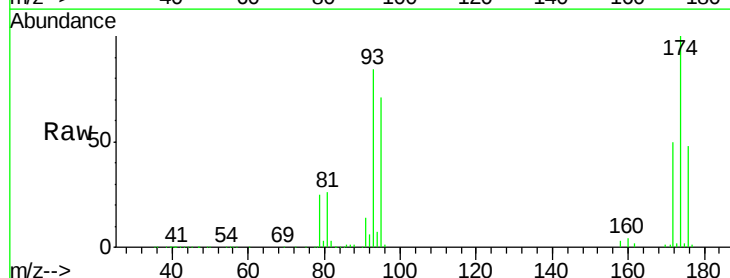
Tgt Ion: 93 Resp: 101141

Ion Ratio Lower Upper

93 100

95 84.3 65.9 98.9

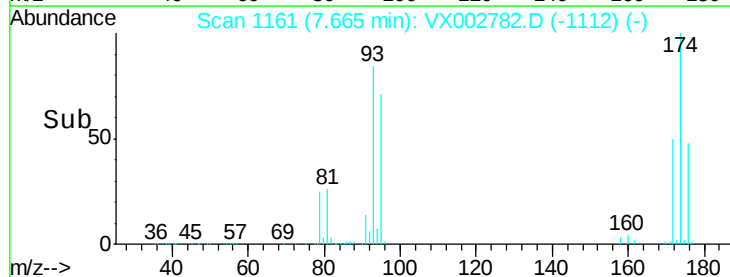
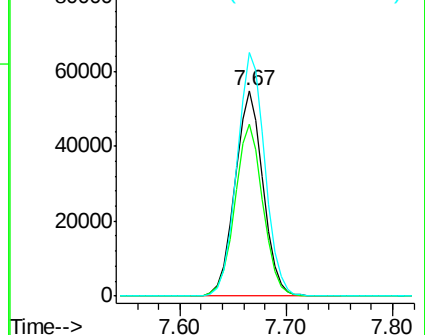
174 118.5 92.4 138.6

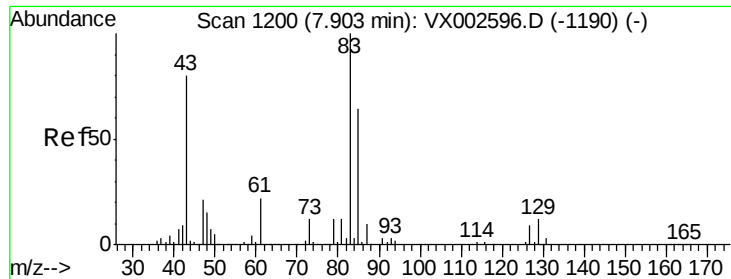


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 60.48 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

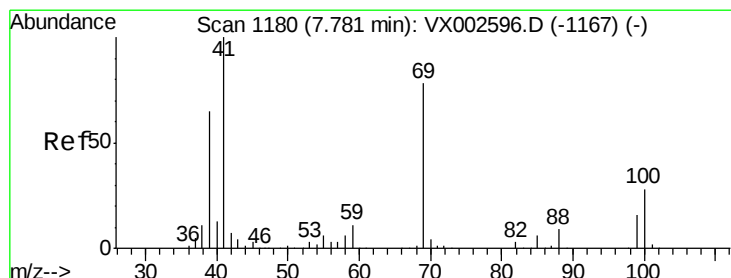
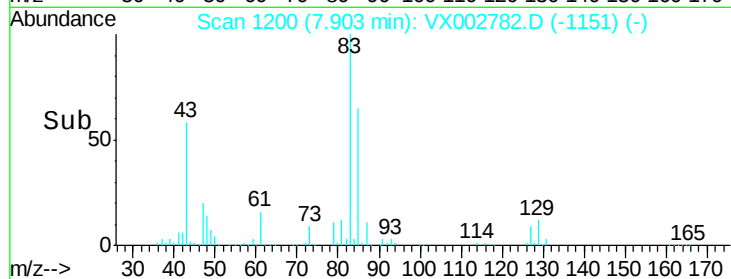
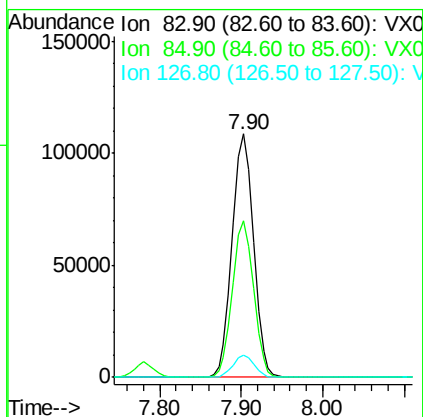
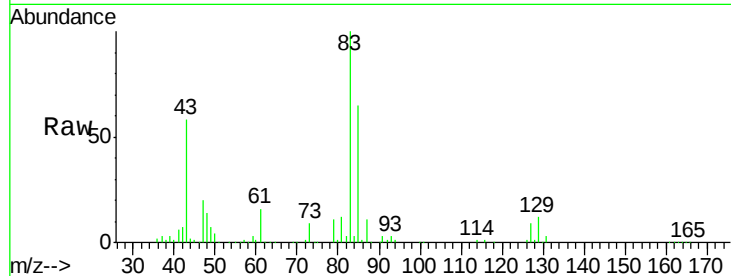
Tot Ion: 83 Resp: 195529

Ion Ratio Lower Upper

83 100

85 64.6 50.3 75.5

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 53.49 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

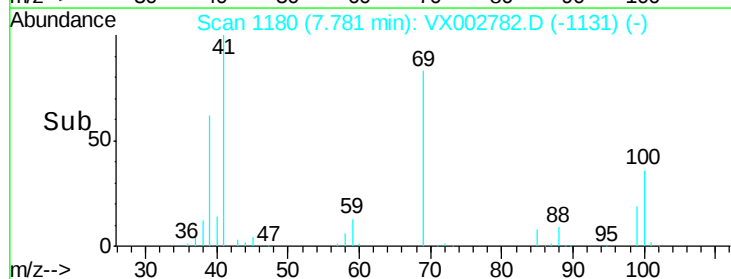
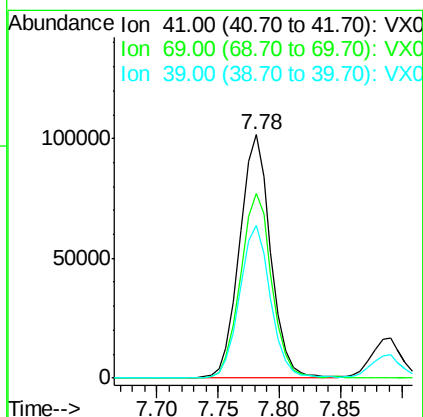
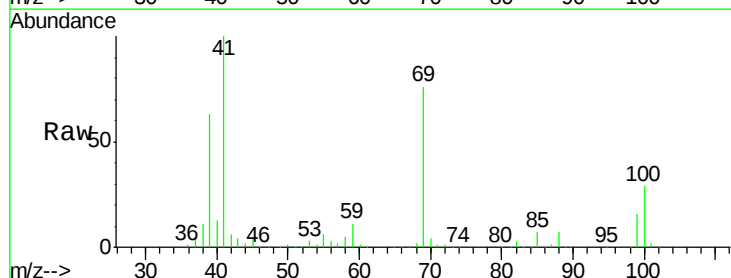
Tgt Ion: 41 Resp: 177975

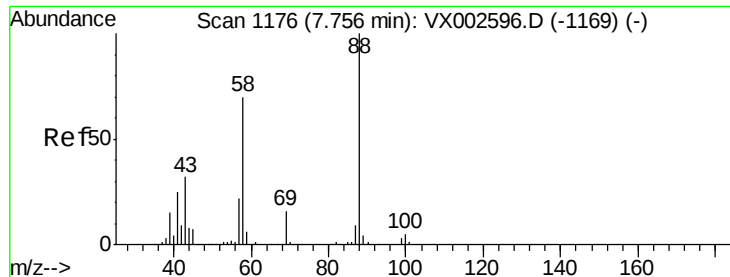
Ion Ratio Lower Upper

41 100

69 77.2 59.1 88.7

39 62.5 48.9 73.3

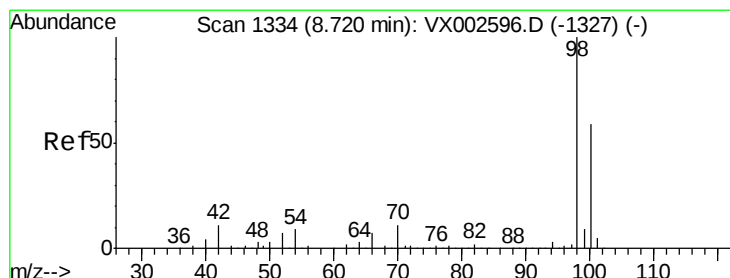
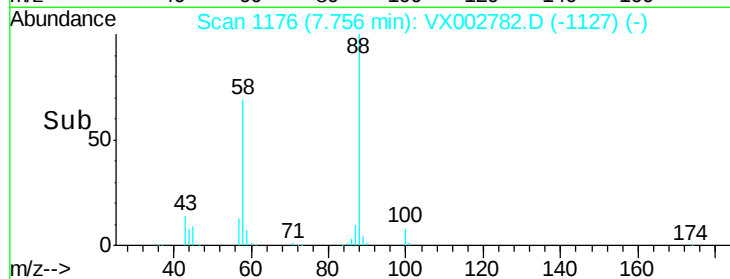
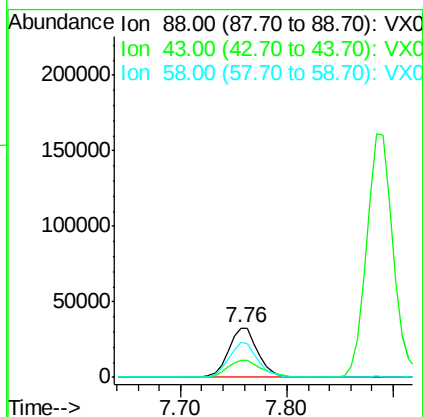
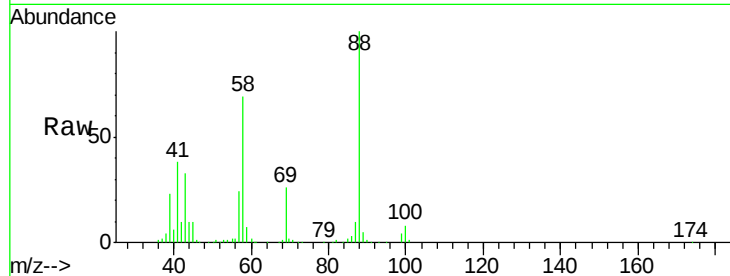




#49
1,4-Dioxane
Concen: 1004.28 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

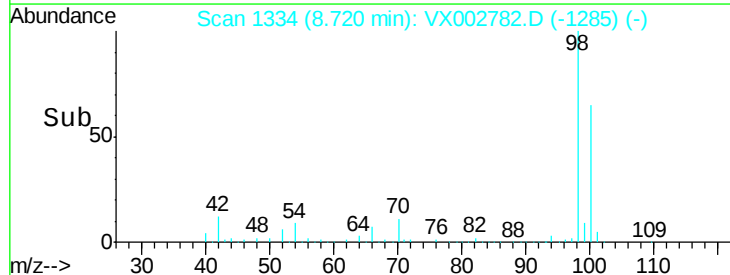
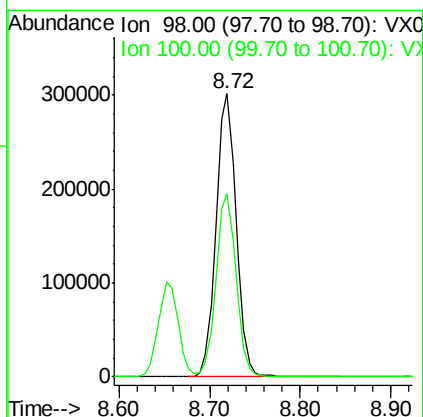
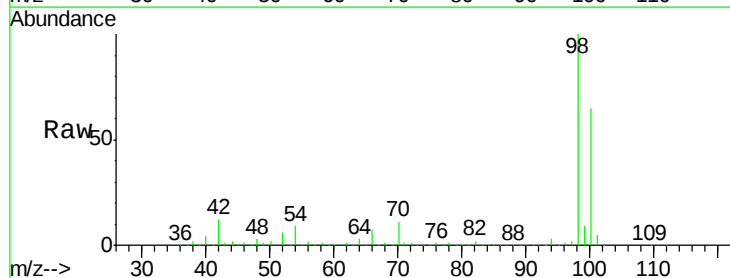
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion	88	Resp	63280
Ion	Ratio	Lower	Upper
88	100		
43	40.3	29.8	44.6
58	69.4	57.1	85.7



#50
Toluene-d8
Concen: 47.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	98	Resp	469817
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 262.45 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

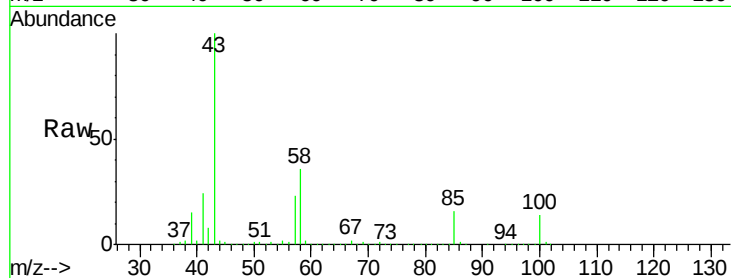
BFB

Tot Ion: 43 Resp: 1097211

Ion Ratio Lower Upper

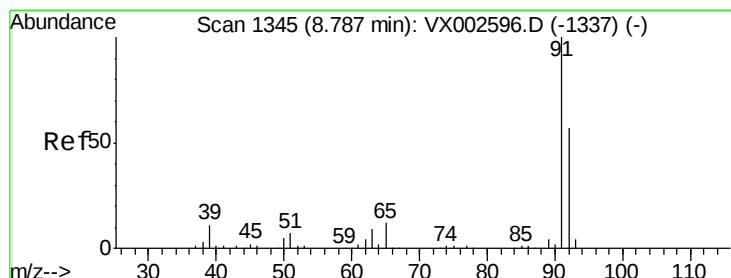
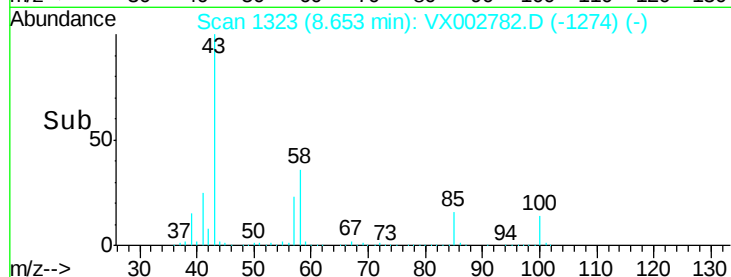
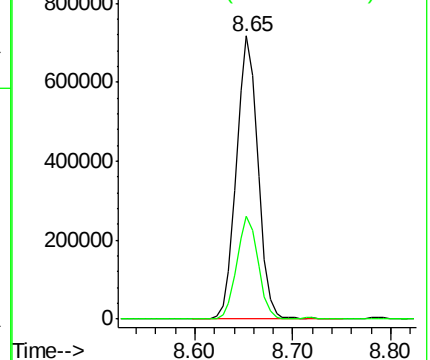
43 100

58 36.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.81 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002782.D

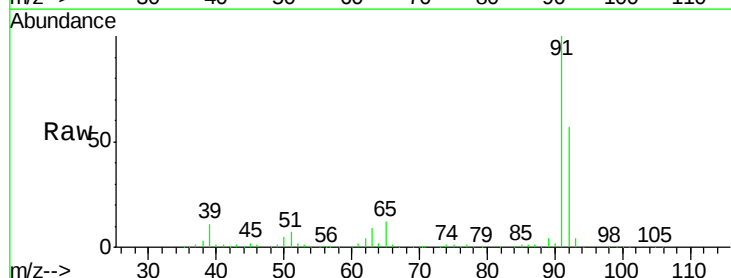
Acq: 21 Jun 2018 10:32

Tgt Ion: 92 Resp: 364029

Ion Ratio Lower Upper

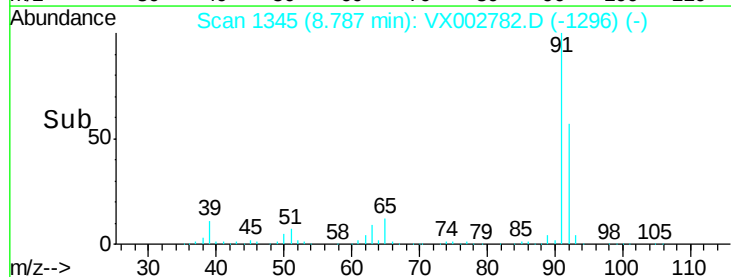
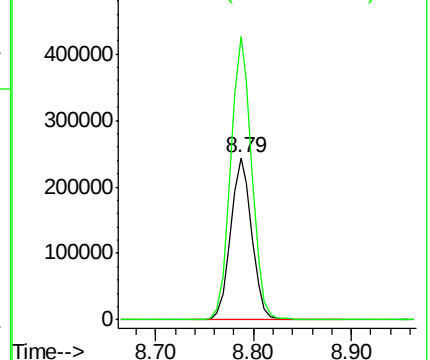
92 100

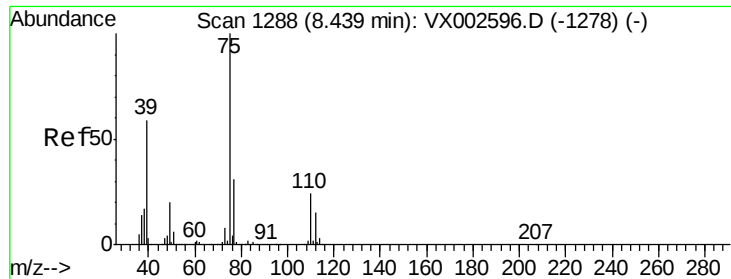
91 174.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.83 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

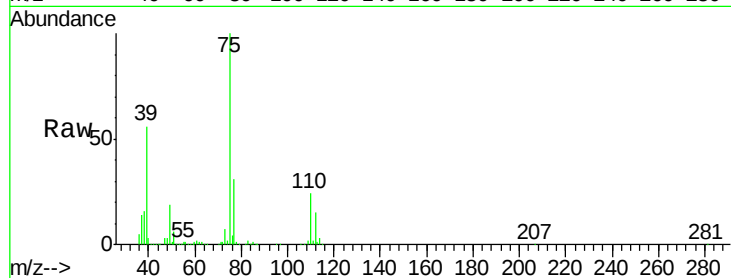
BFB

Tot Ion: 75 Resp: 226700

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

150000

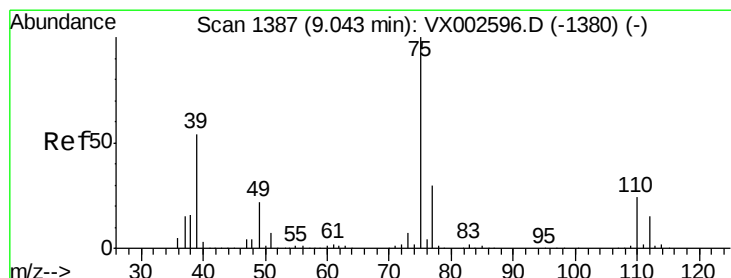
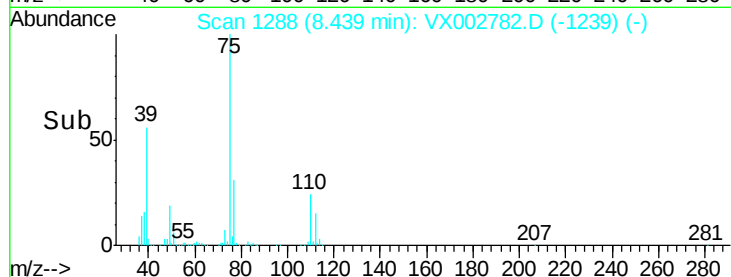
100000

50000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.70 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

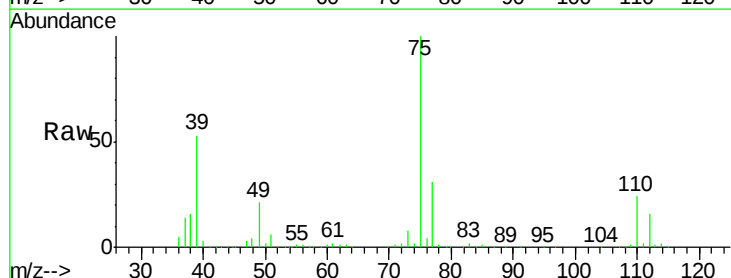
Tgt Ion: 75 Resp: 211523

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 53.1 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

200000

150000

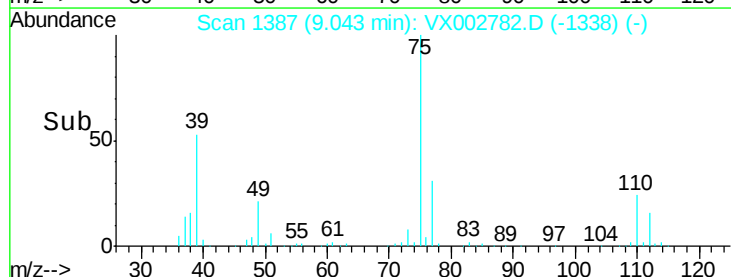
100000

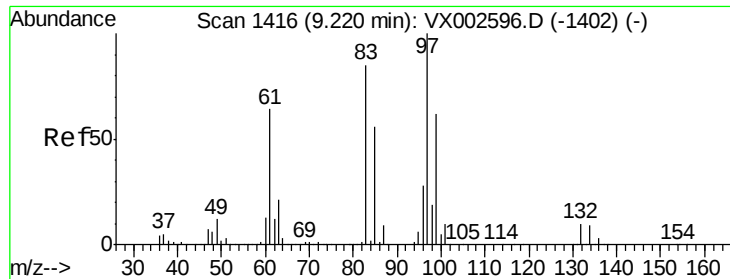
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



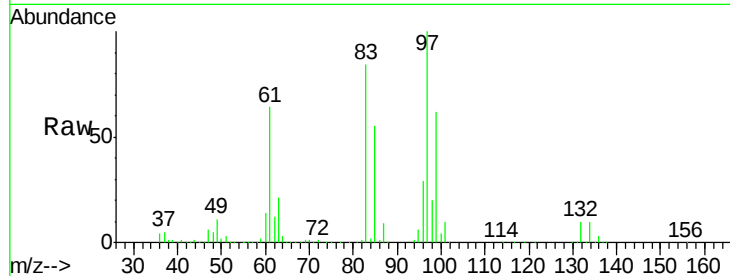


#55
1,1,2-Trichloroethane
Concen: 55.00 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

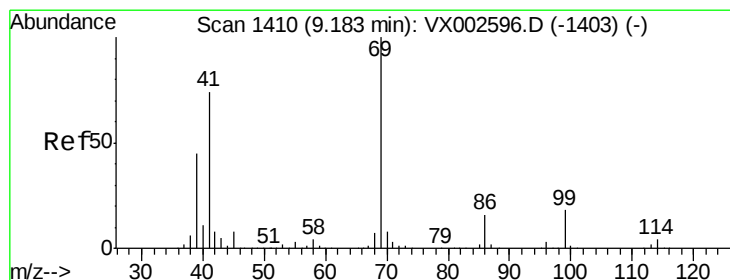
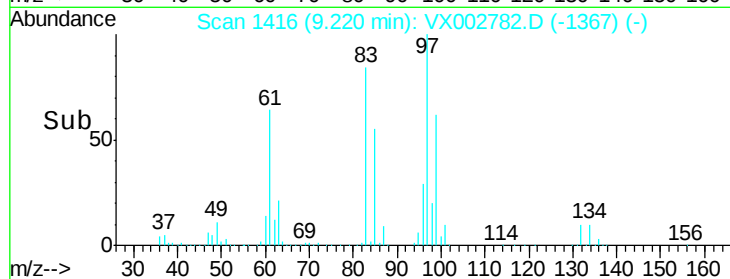
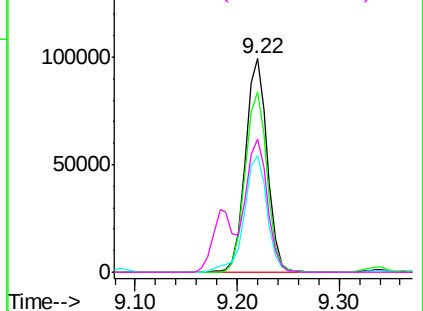
Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion: 97 Resp: 147594

Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.8	44.9	67.3
99	62.0	49.8	74.8



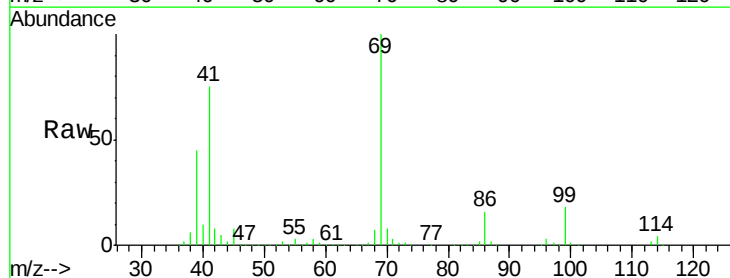
Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0



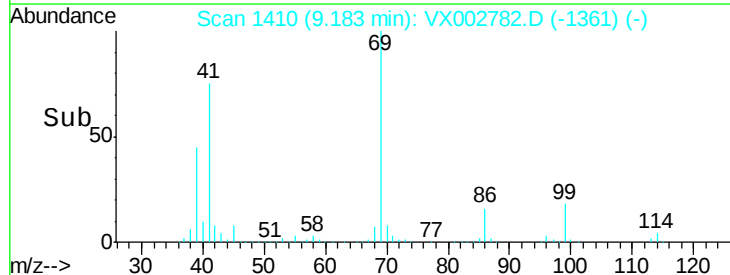
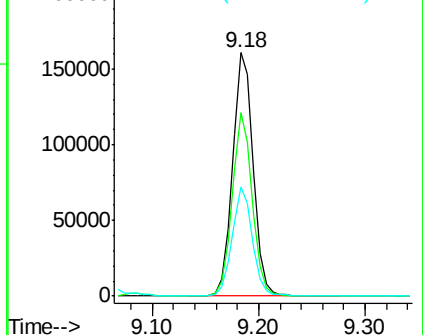
#56
Ethyl methacrylate
Concen: 52.89 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

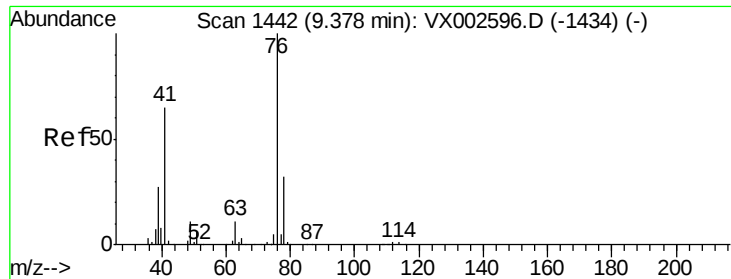
Tgt Ion: 69 Resp: 218426

Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.5	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

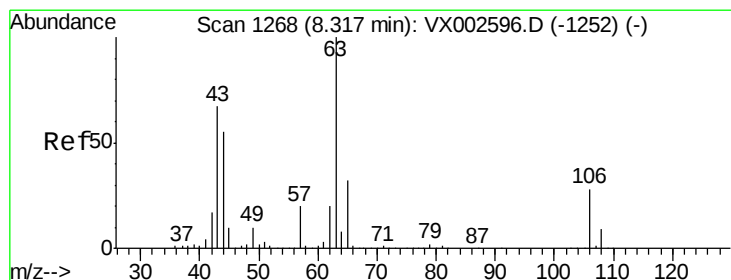
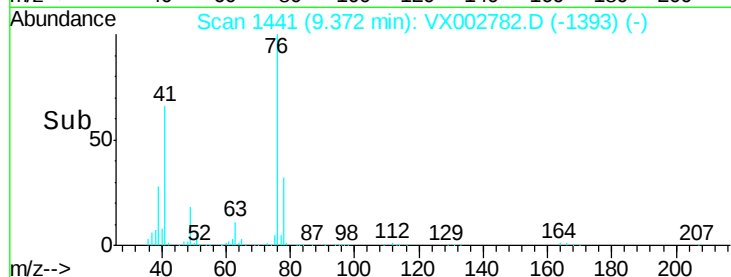
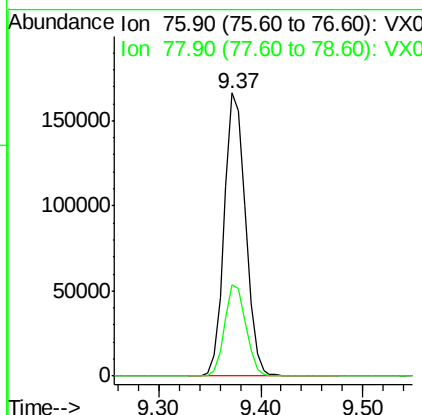
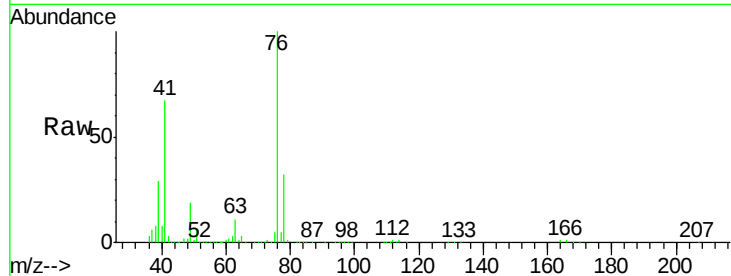




#57
 1,3-Dichloropropane
 Concen: 53.16 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

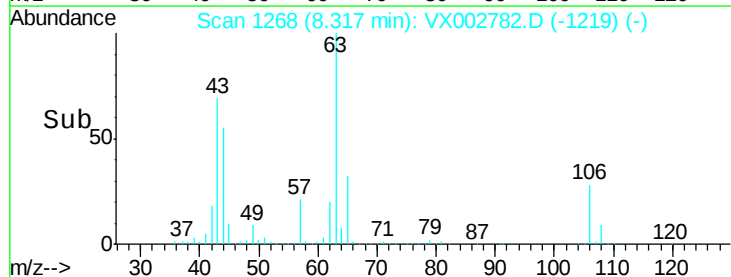
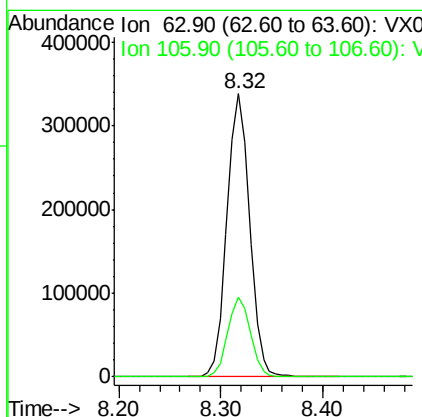
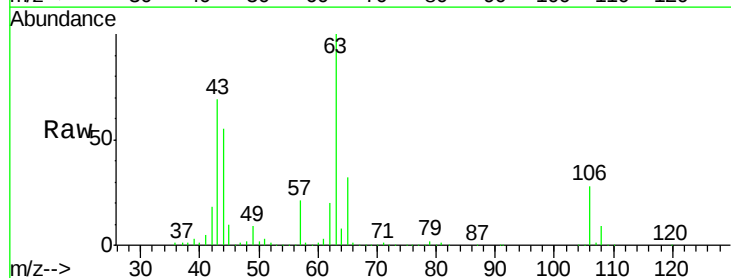
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

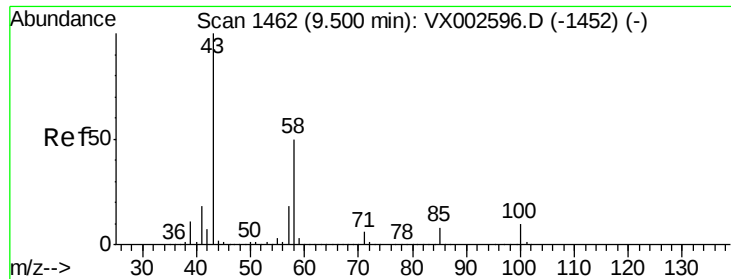
Tot Ion: 76 Resp: 241260
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.84 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 63 Resp: 521008
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

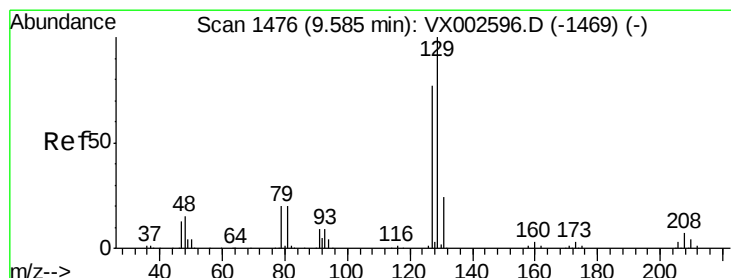
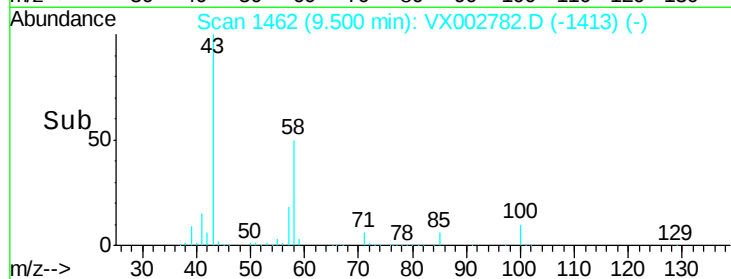
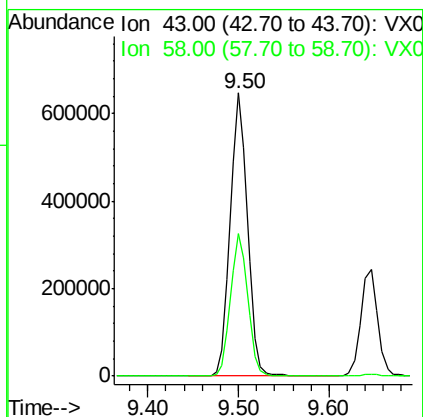
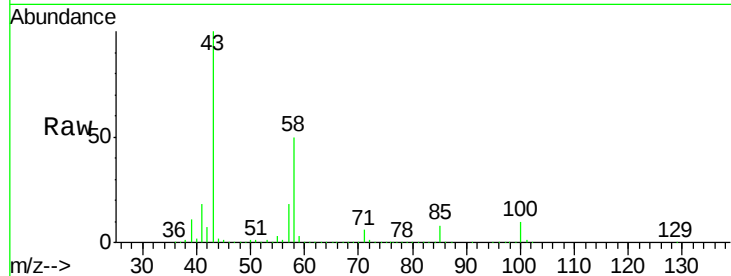




#59
2-Hexanone
Concen: 272.49 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

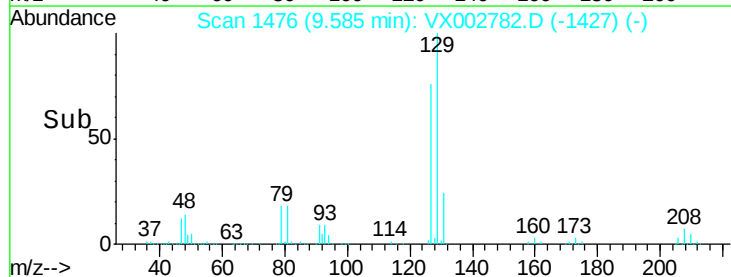
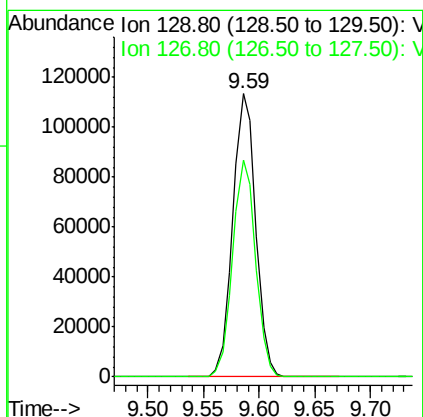
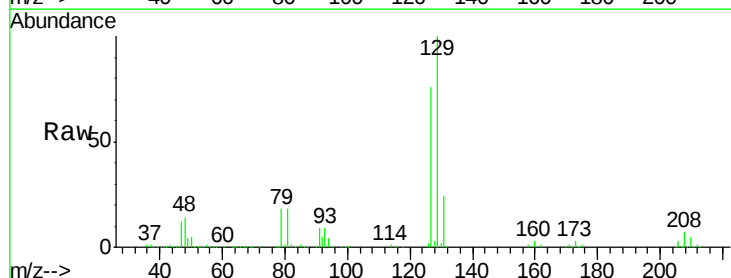
Instrument :
MSVOA_X
ClientSampleId :
BFB

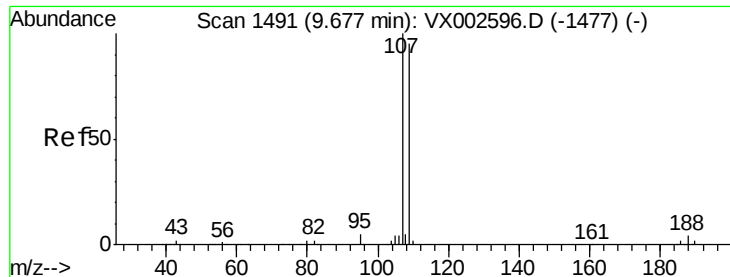
Tot Ion: 43 Resp: 858400
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6



#60
Dibromochloromethane
Concen: 53.45 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 129 Resp: 162204
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 57.26 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

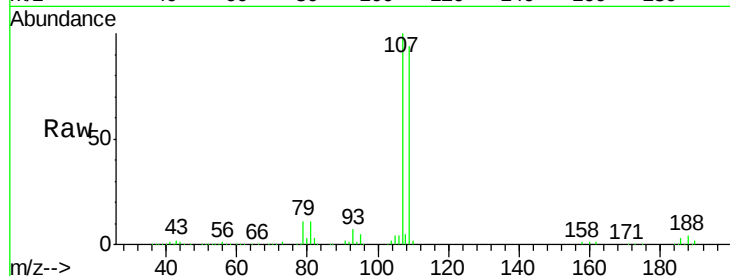
BFB

Tot Ion:107 Resp: 159137

Ion Ratio Lower Upper

107 100

109 93.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

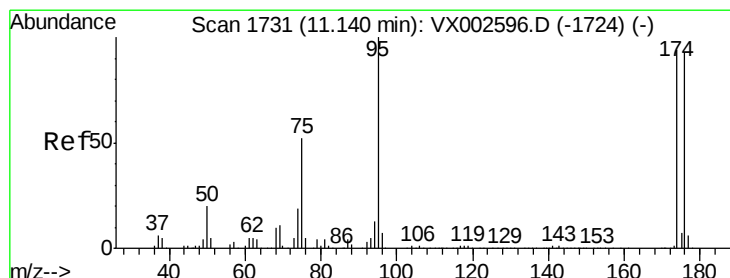
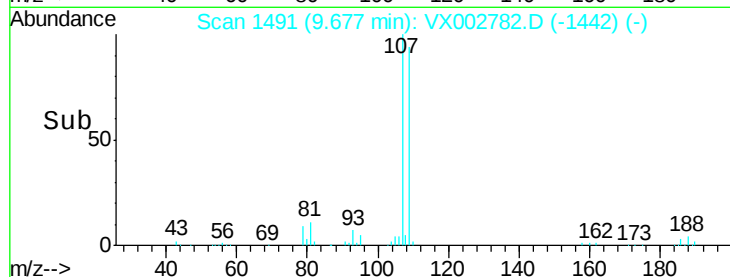
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.76 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

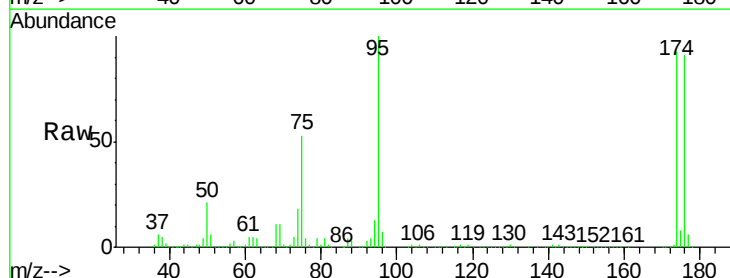
Tgt Ion: 95 Resp: 186794

Ion Ratio Lower Upper

95 100

174 96.3 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

200000

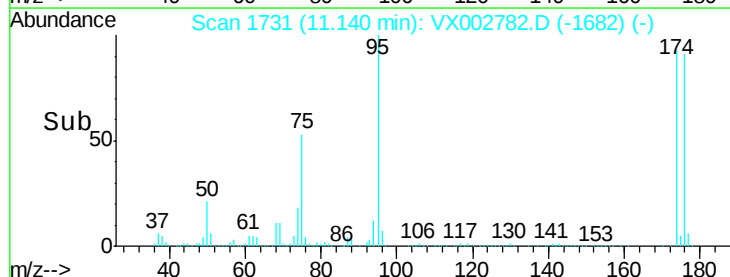
150000

100000

50000

0

Time-->

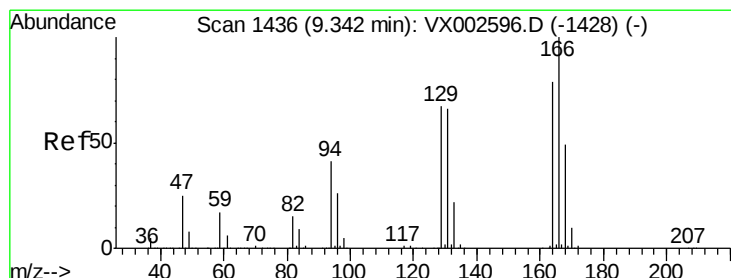
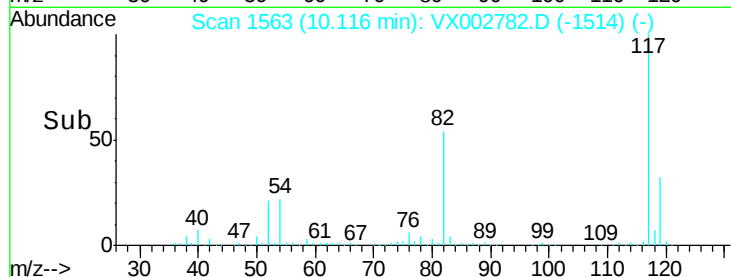
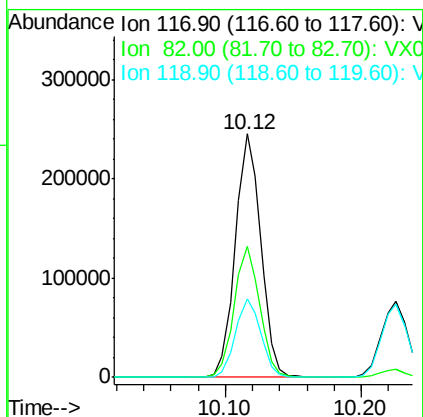
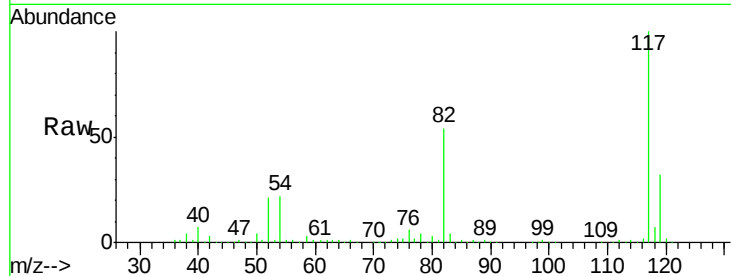




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

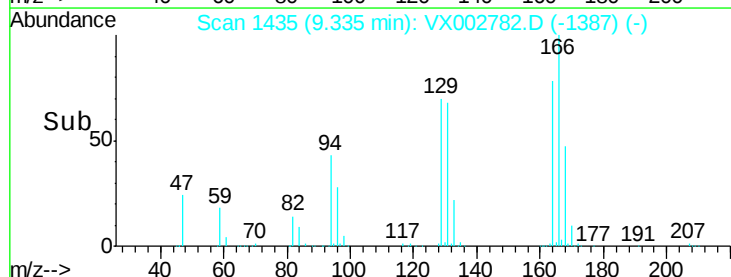
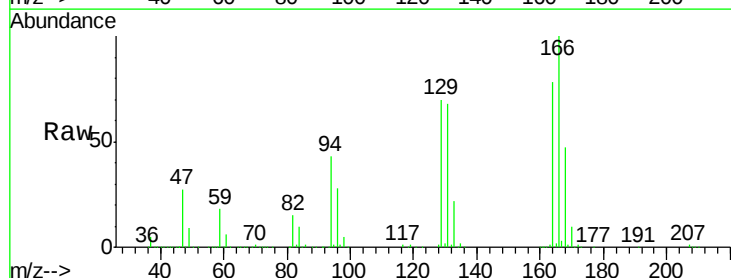
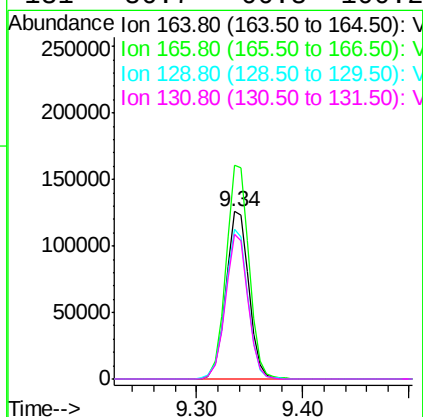
Instrument :
MSVOA_X
ClientSampleId :
BFB

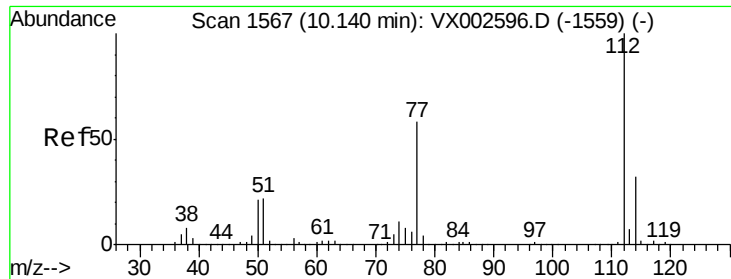
Tot Ion:117 Resp: 320730
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 53.10 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:164 Resp: 189032
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 89.9 68.6 102.8
131 86.7 66.8 100.2

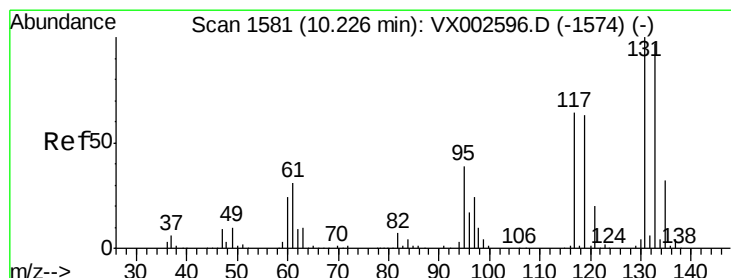
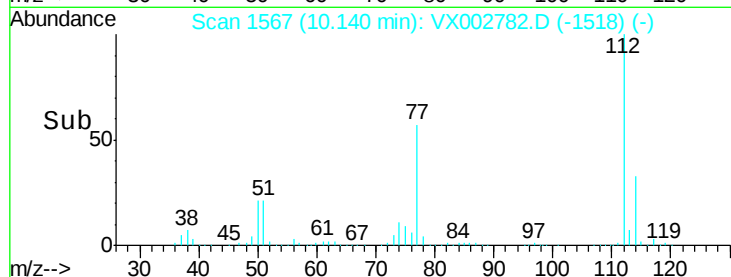
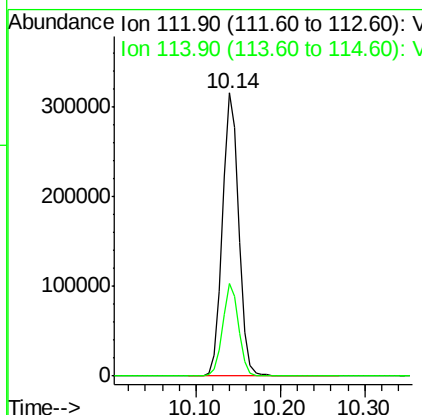
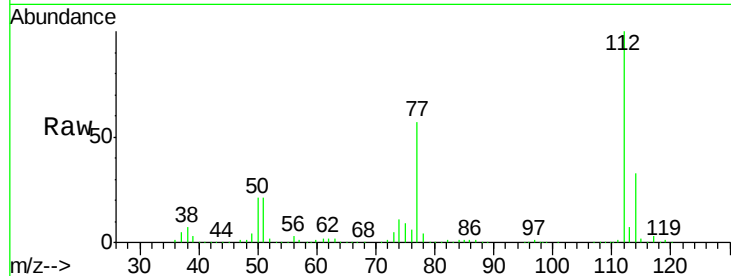




#65
Chlorobenzene
Concen: 53.75 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

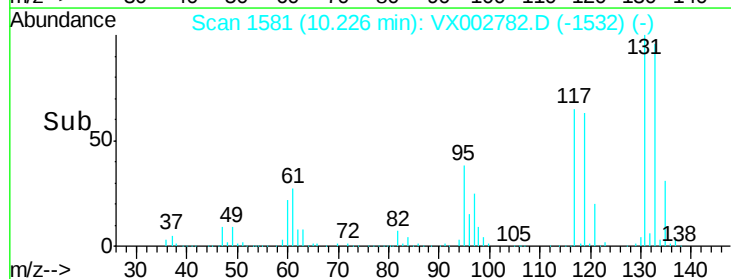
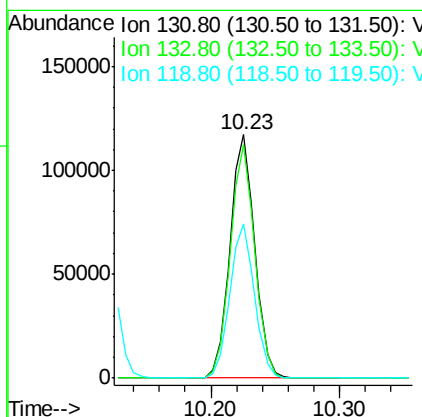
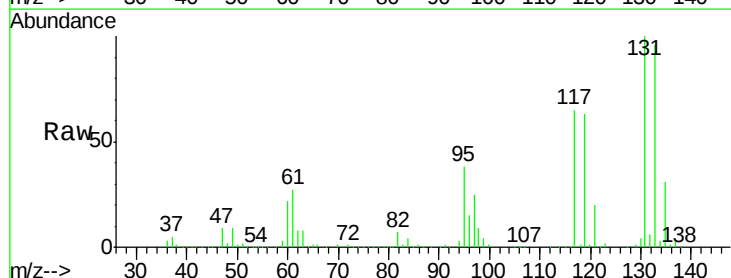
Instrument :
MSVOA_X
ClientSampleId :
BFB

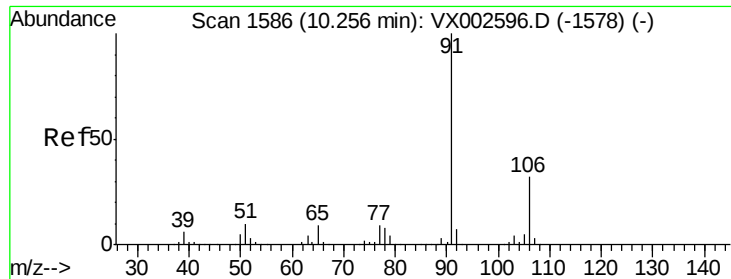
Tot Ion:112 Resp: 423393
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 58.64 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:131 Resp: 157463
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 62.9 31.8 95.3

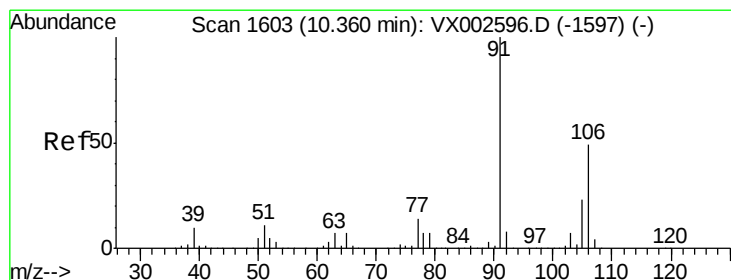
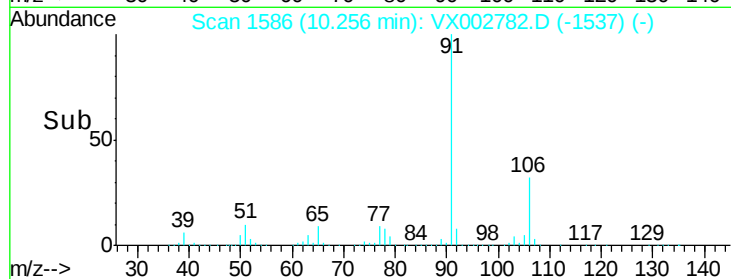
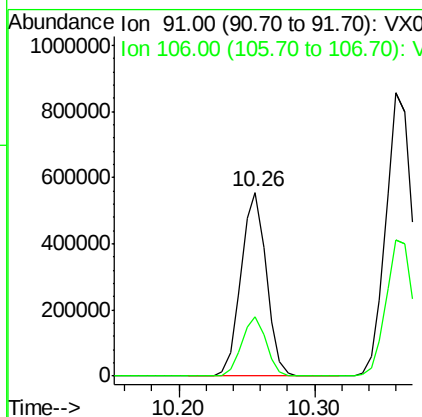
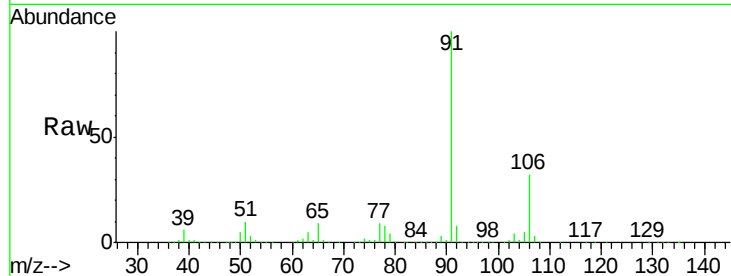




#67
Ethyl Benzene
Concen: 54.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

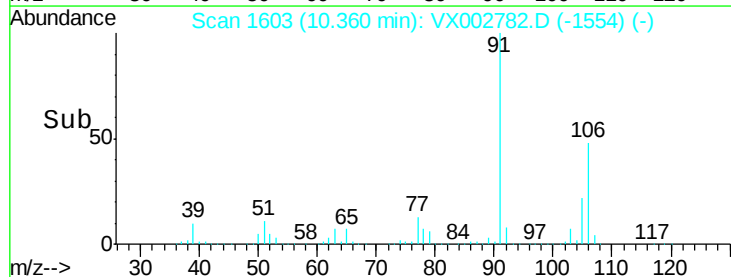
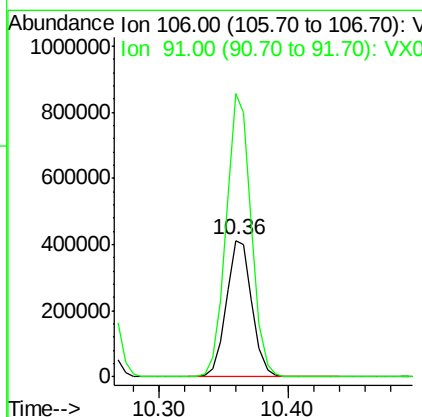
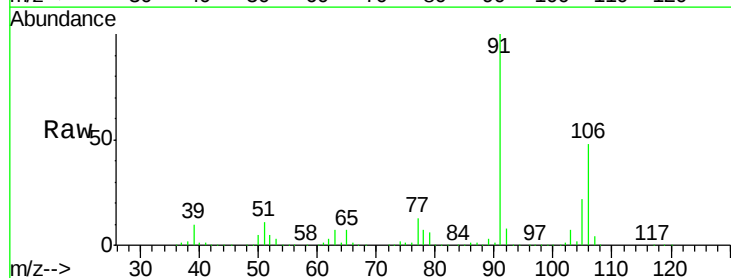
Instrument :
MSVOA_X
ClientSampled :
BFB

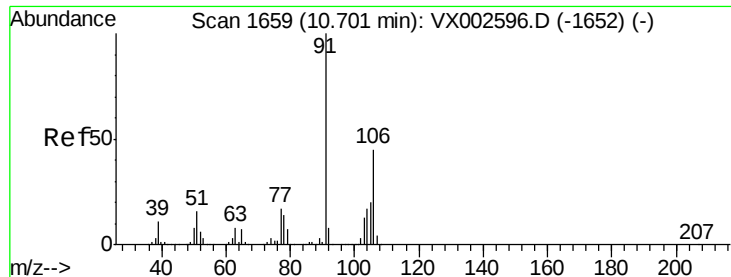
Tot Ion: 91 Resp: 725507
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 111.51 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 106 Resp: 571478
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2

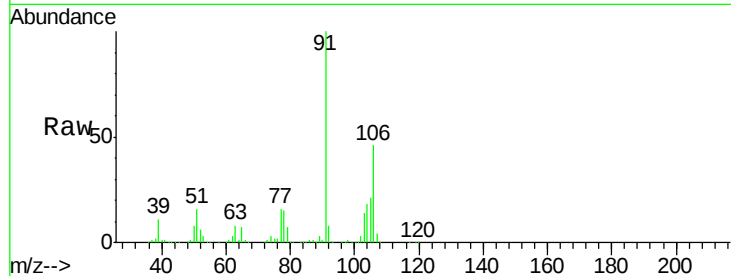




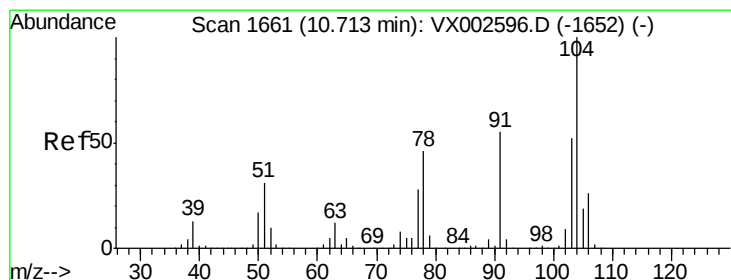
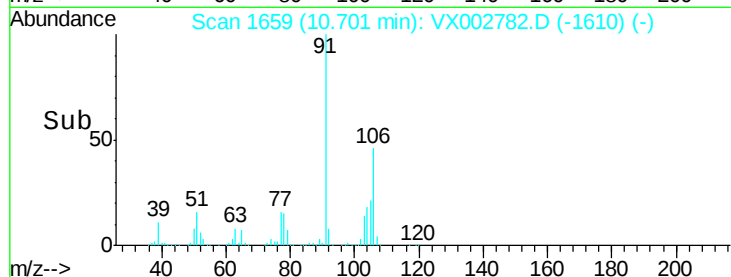
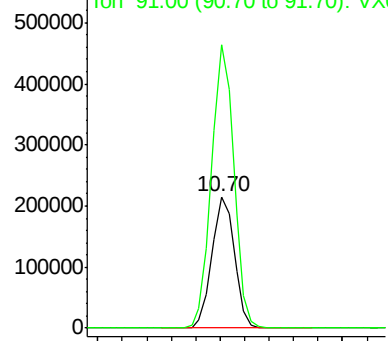
#69
o-Xylene
Concen: 54.24 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion:106 Resp: 273116
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6

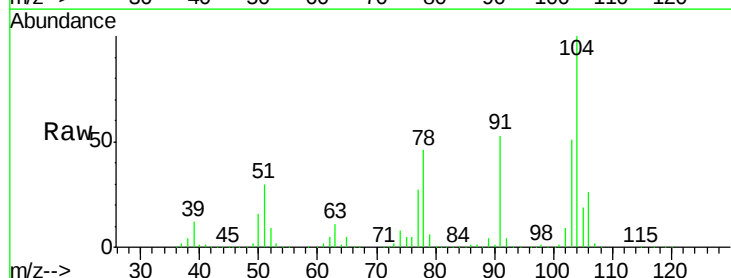


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

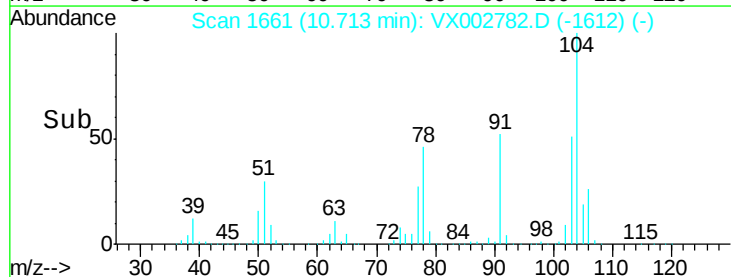
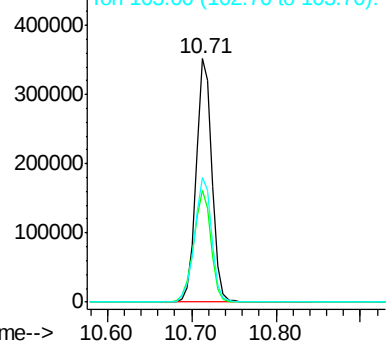


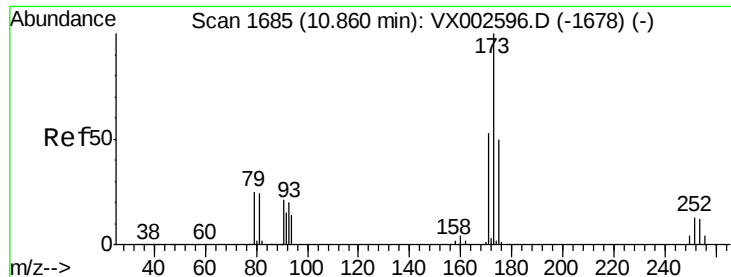
#70
Styrene
Concen: 55.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:104 Resp: 455958
Ion Ratio Lower Upper
104 100
78 50.4 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

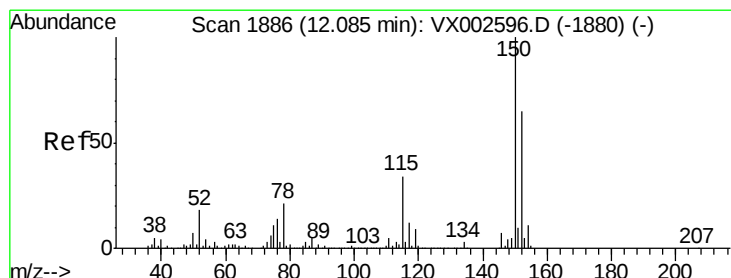
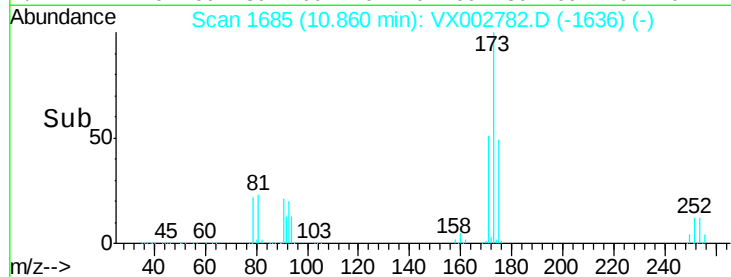
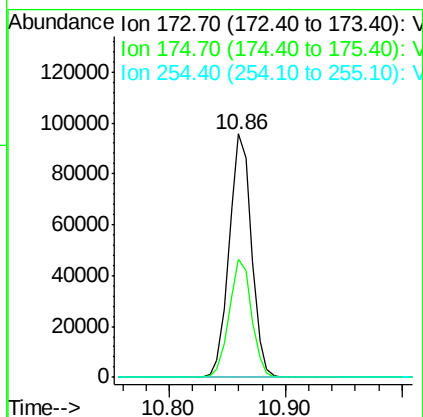
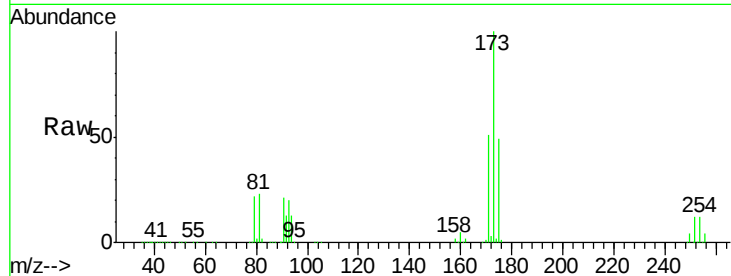




#71
Bromoform
Concen: 51.88 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

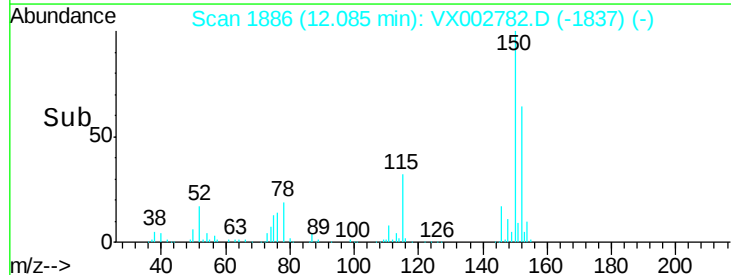
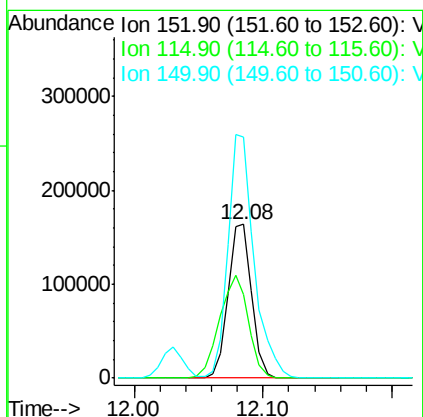
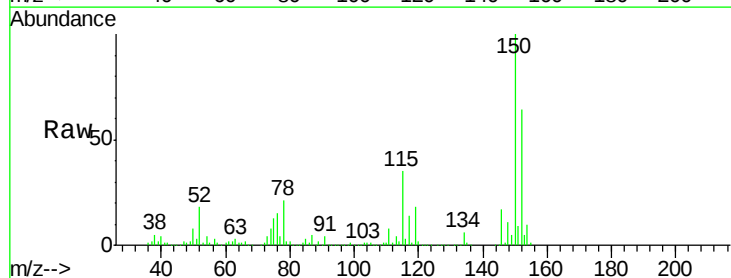
Instrument :
MSVOA_X
ClientSampled :
BFB

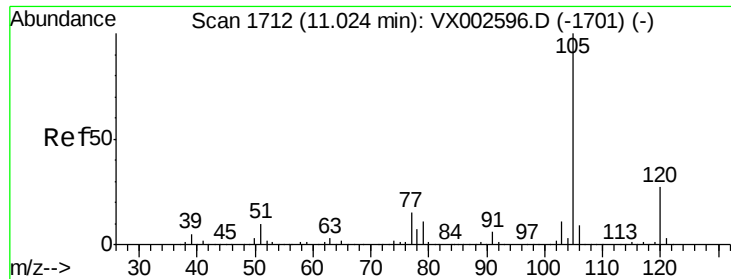
Tot Ion:173 Resp: 127323
Ion Ratio Lower Upper
173 100
175 48.8 24.7 74.1
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion:152 Resp: 210704
Ion Ratio Lower Upper
152 100
115 81.4 40.1 120.2
150 174.9 0.0 347.2





#73

Isopropylbenzene

Concen: 53.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

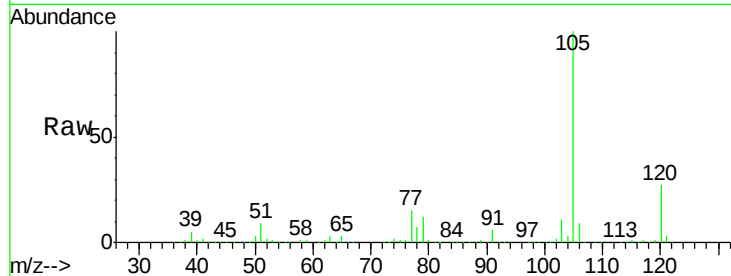
BFB

Tot Ion:105 Resp: 752618

Ion Ratio Lower Upper

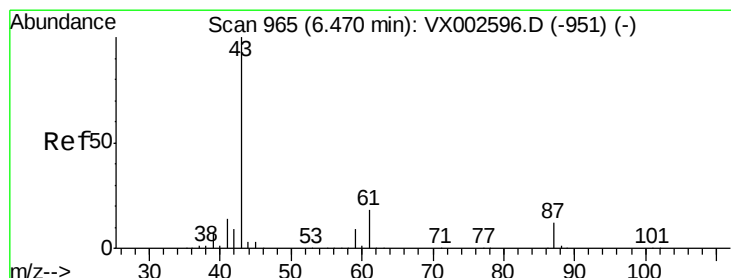
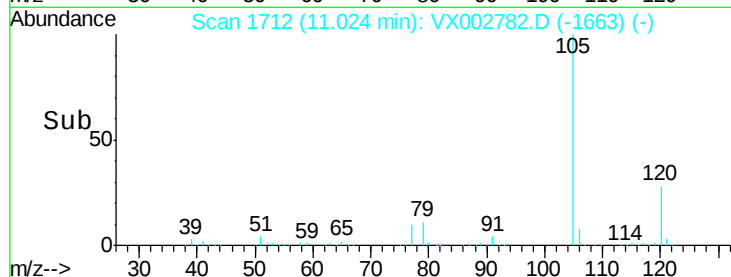
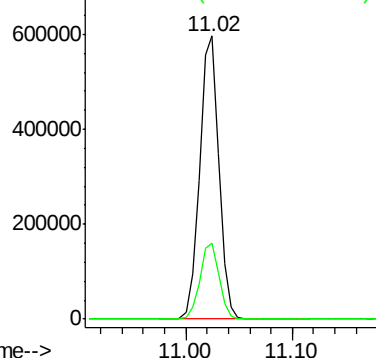
105 100

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: 47.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Tgt Ion: 43 Resp: 333911

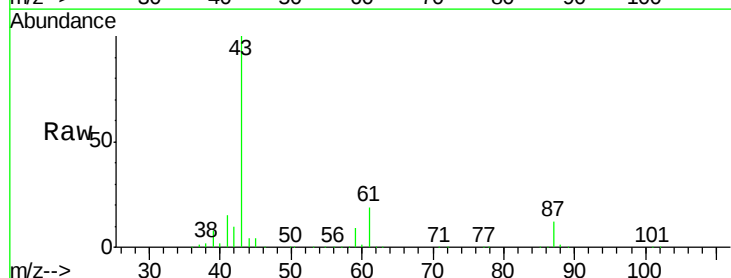
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

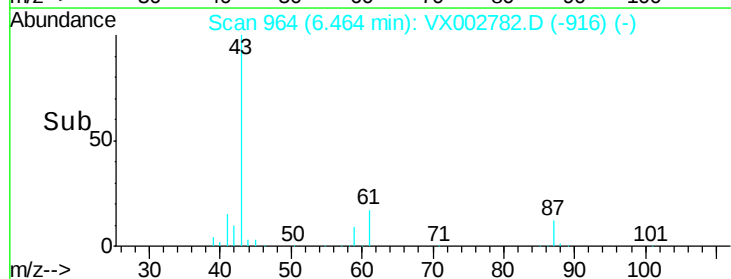
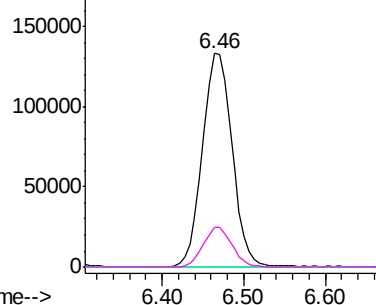


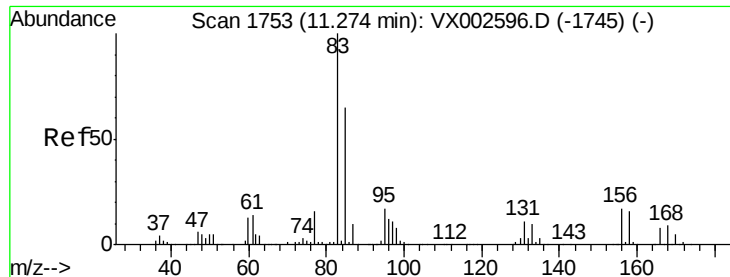
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.39 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

BFB

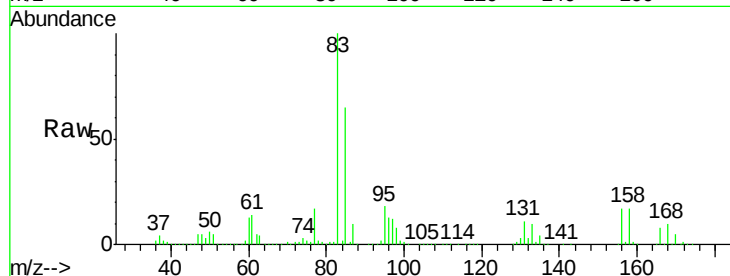
Tot Ion: 83 Resp: 222184

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.6	16.8
85	64.2	32.4	97.2

83 100

131 11.2 5.6 16.8

85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

200000

150000

100000

50000

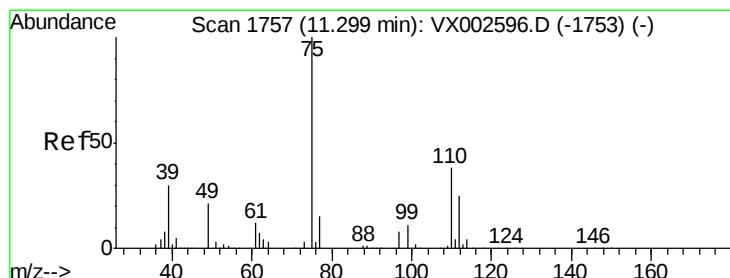
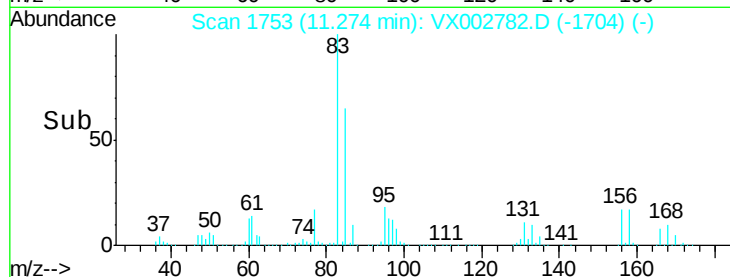
0

11.20

11.27

11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 64.74 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002782.D

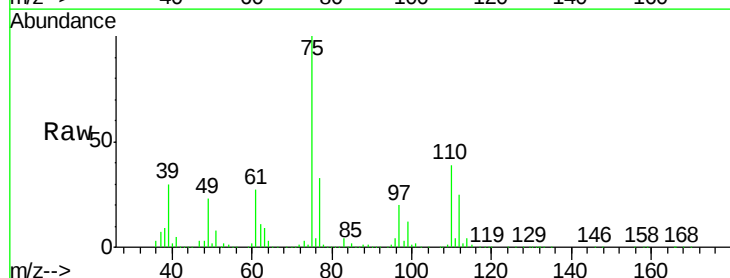
Acq: 21 Jun 2018 10:32

Tgt Ion: 75 Resp: 257416

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.8	68.3

75 100

77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

100000

50000

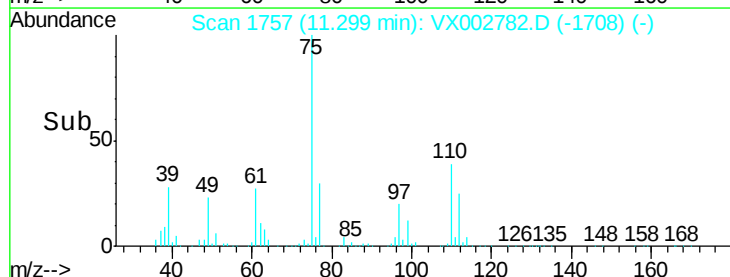
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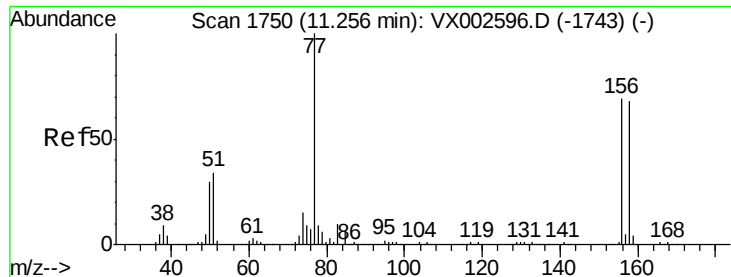
11.25

11.30

11.35

Time-->





#77

Bromobenzene

Concen: 52.39 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

BFB

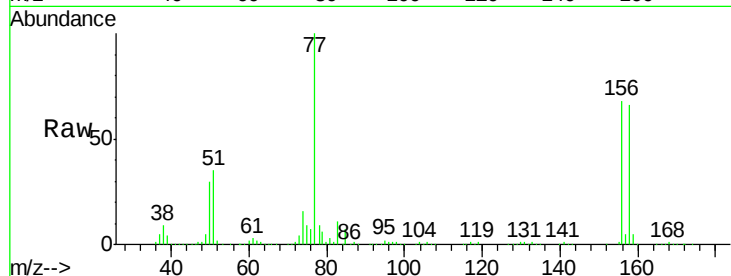
Tot Ion:156 Resp: 205700

Ion Ratio Lower Upper

156 100

77 137.8 71.4 214.2

158 97.5 48.9 146.6

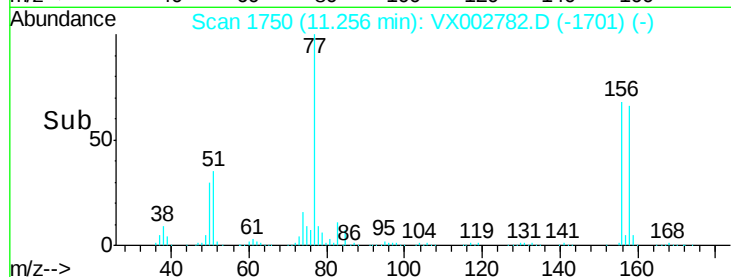


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

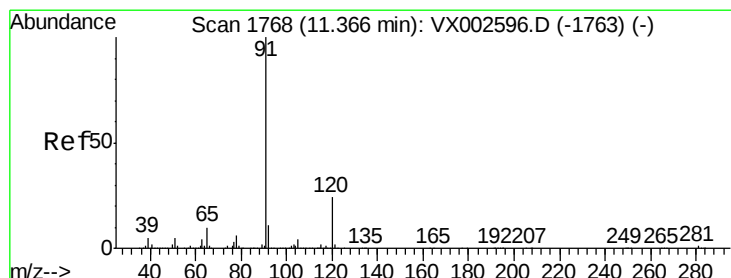
Ion 157.80 (157.50 to 158.50): V

Time-->



Abundance

Time-->



#78

n-propylbenzene

Concen: 53.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002782.D

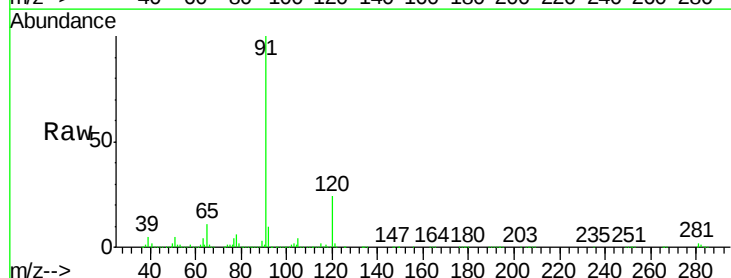
Acq: 21 Jun 2018 10:32

Tgt Ion: 91 Resp: 871808

Ion Ratio Lower Upper

91 100

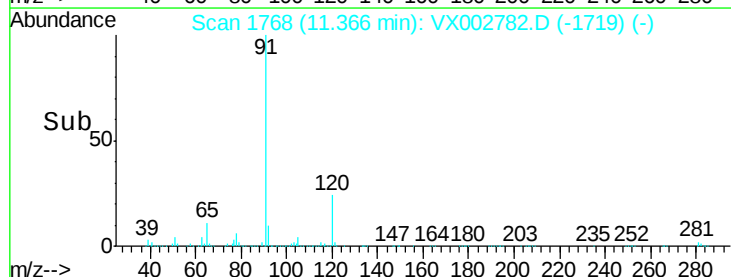
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

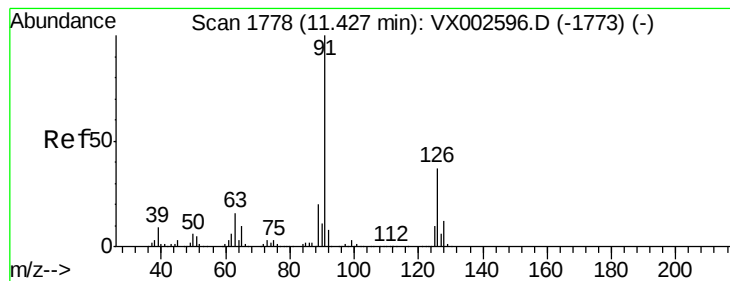
Ion 120.00 (119.70 to 120.70): V

Time-->



Abundance

Time-->



#79

2-Chlorotoluene

Concen: 52.82 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampled :

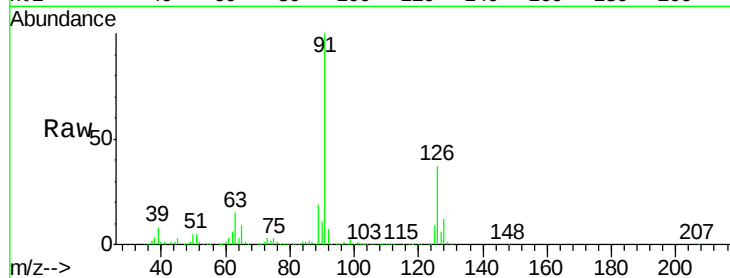
BFB

Tot Ion: 91 Resp: 509664

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002596.D (-1773) (-)

800000

600000

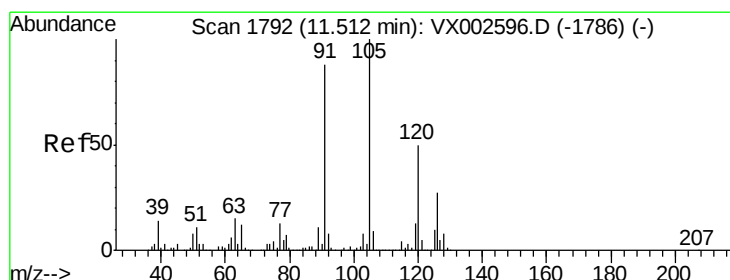
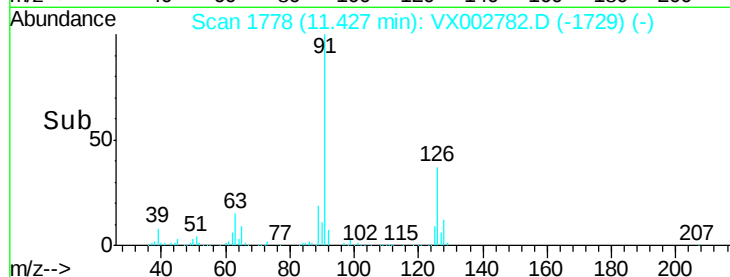
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002782.D

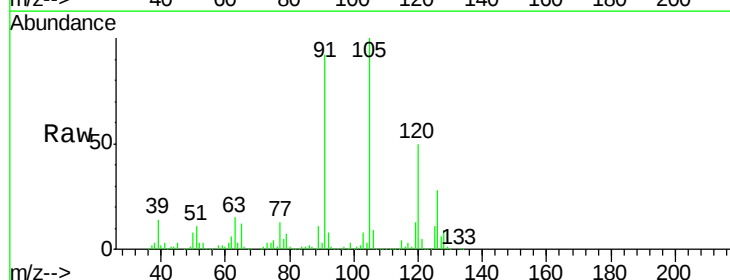
Acq: 21 Jun 2018 10:32

Tgt Ion: 105 Resp: 643502

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002596.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002596.D (-1786) (-)

600000

500000

400000

300000

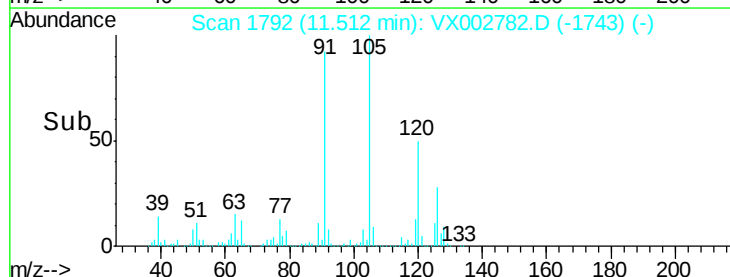
200000

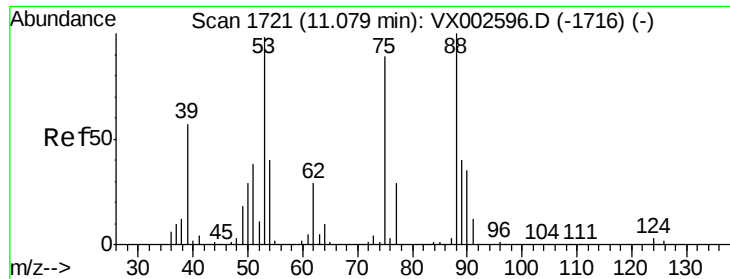
100000

0

11.50 11.60

Time-->

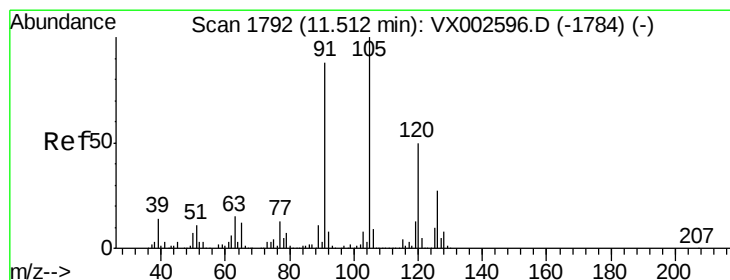
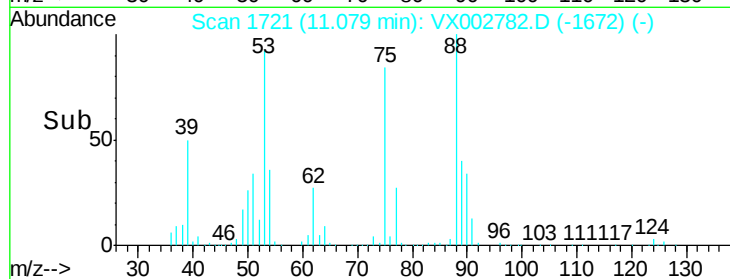
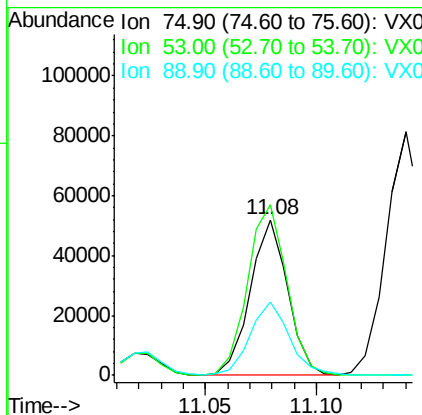
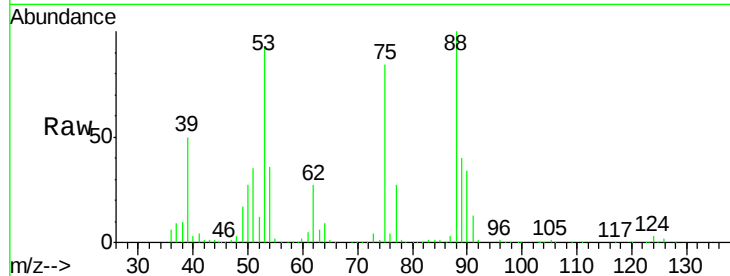




#81
trans-1,4-Dichloro-2-butene
Concen: 48.83 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

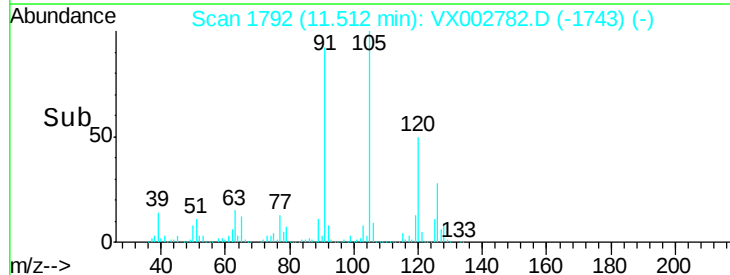
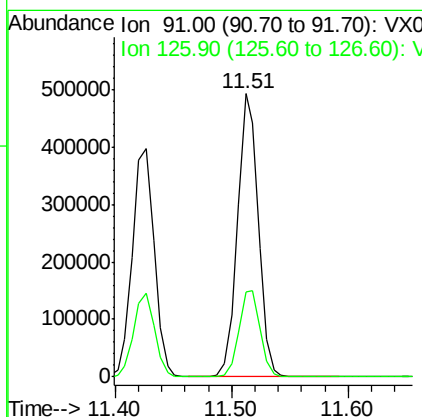
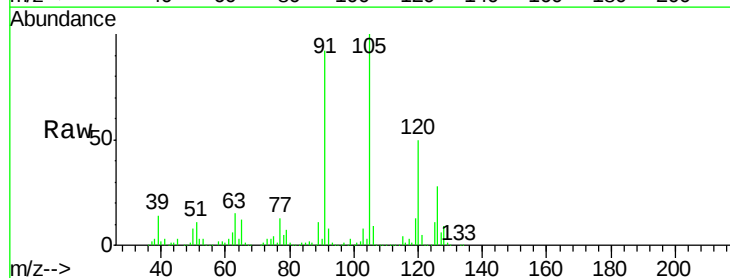
Instrument :
MSVOA_X
ClientSampled :
BFB

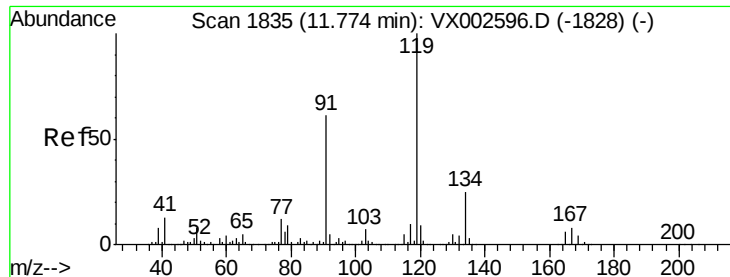
Tot Ion: 75 Resp: 60537
Ion Ratio Lower Upper
75 100
53 115.2 86.8 130.2
89 50.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 53.78 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 91 Resp: 612343
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.4

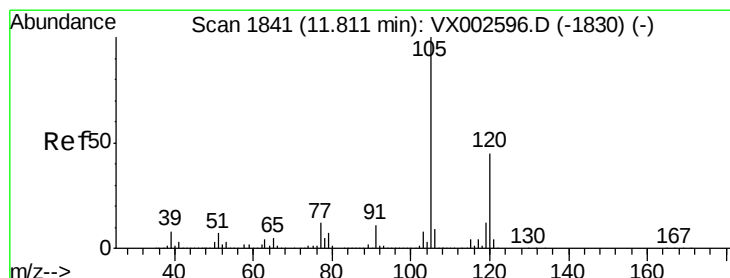
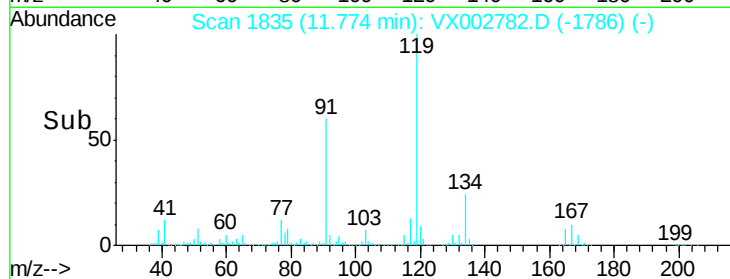
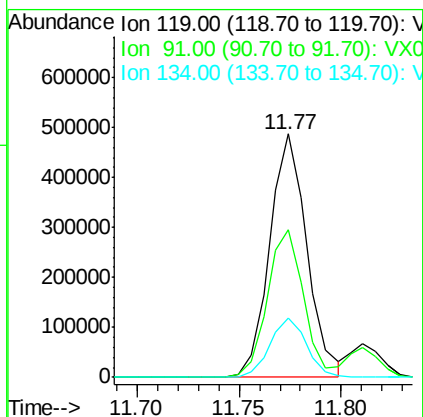
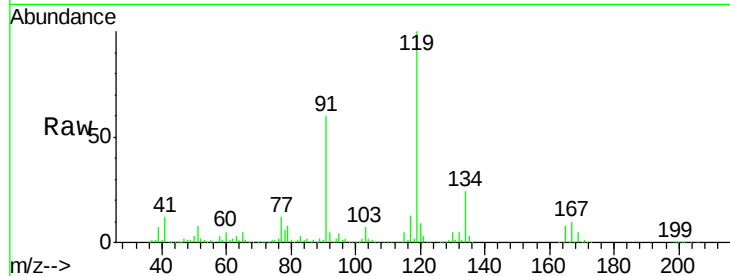




#83
 tert-Butylbenzene
 Concen: 53.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

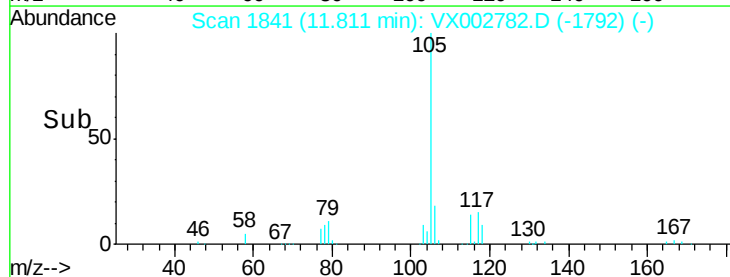
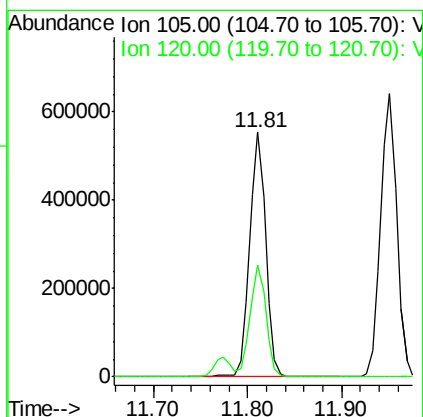
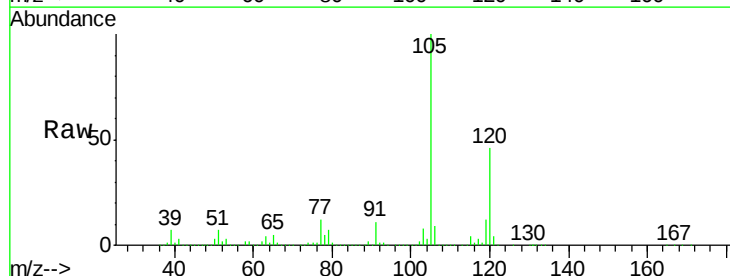
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

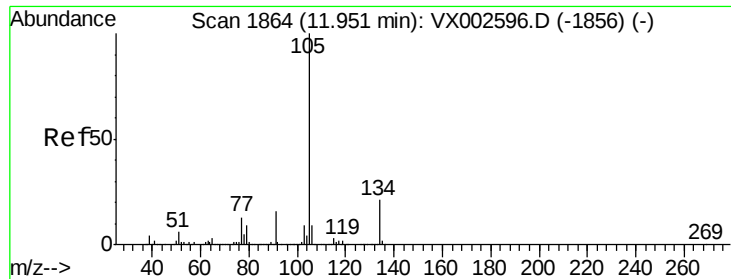
Tot Ion:119 Resp: 617498
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.65 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion:105 Resp: 664168
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

Instrument :

MSVOA_X

ClientSampleId :

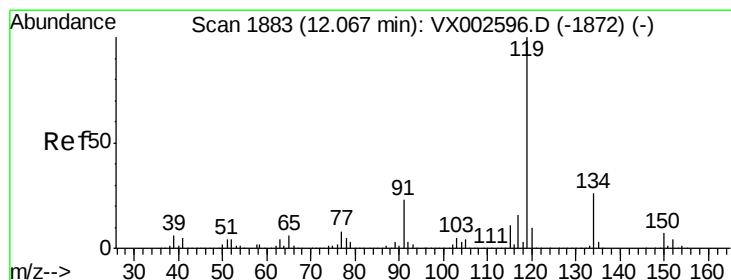
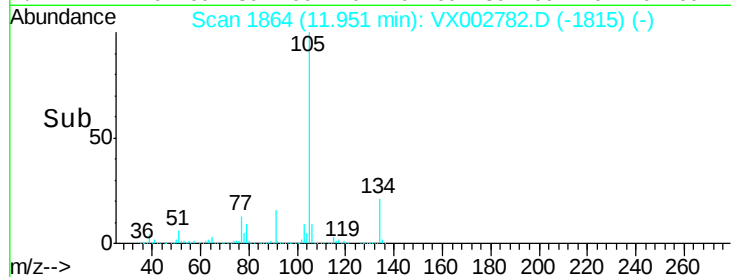
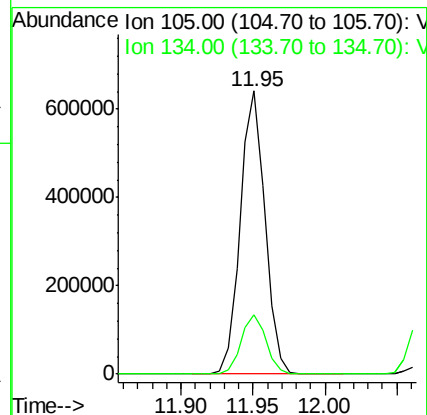
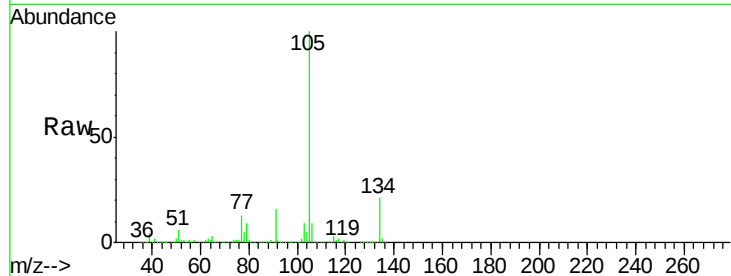
BFB

Tot Ion:105 Resp: 767709

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002782.D

Acq: 21 Jun 2018 10:32

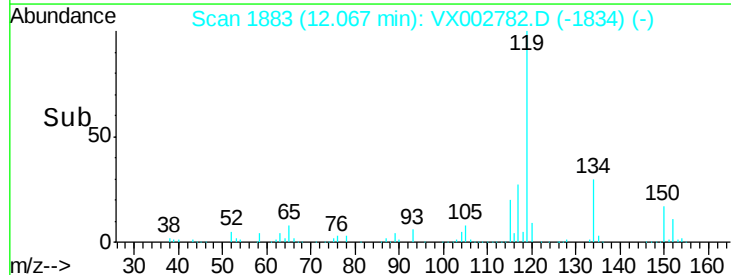
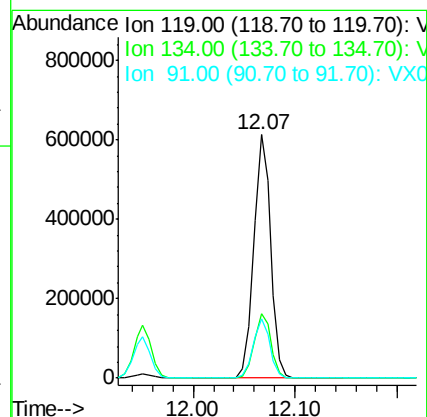
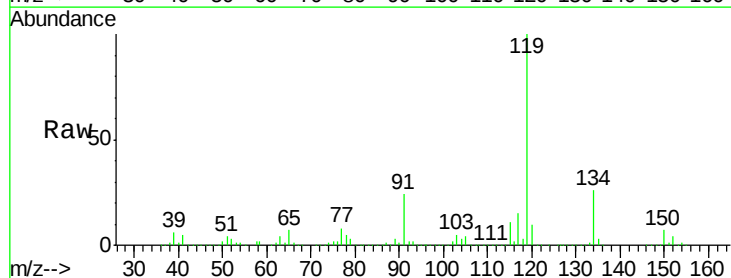
Tgt Ion:119 Resp: 707933

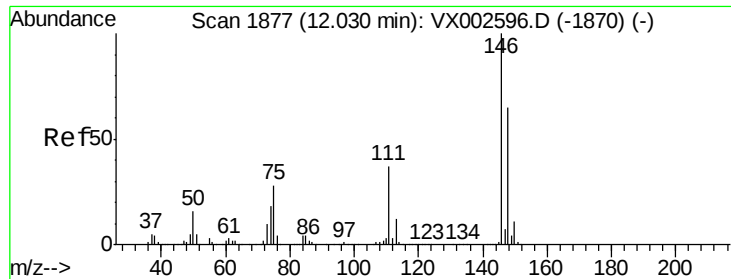
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.9 11.9 35.7

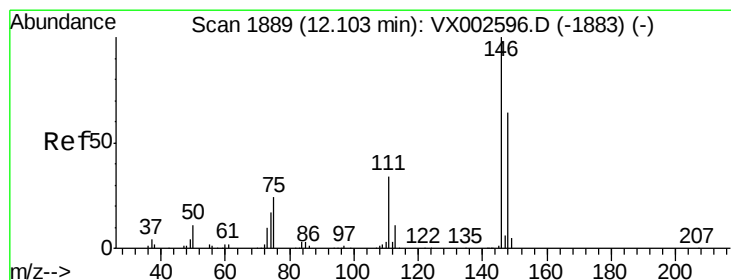
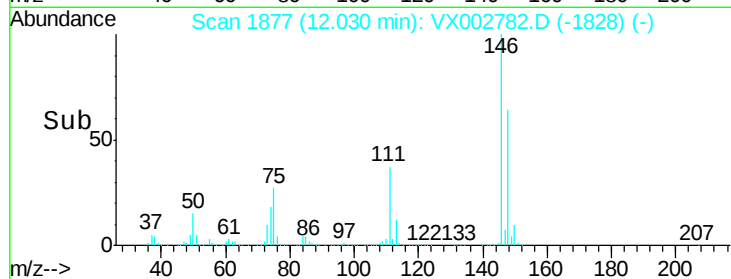
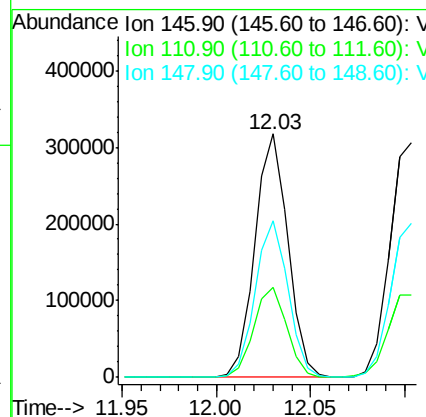
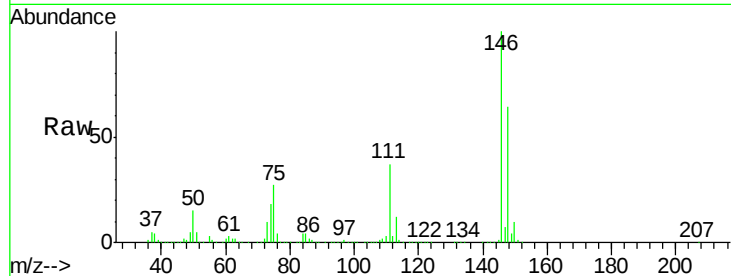




#87
 1,3-Dichlorobenzene
 Concen: 53.41 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

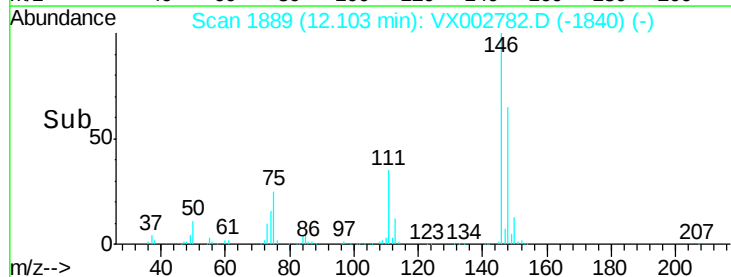
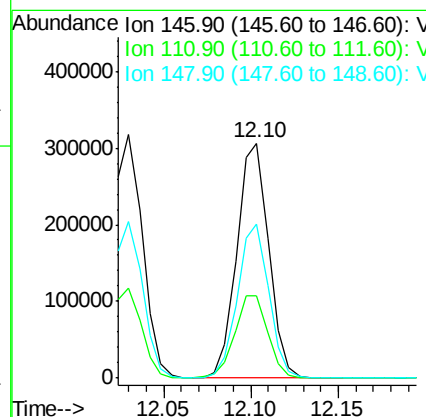
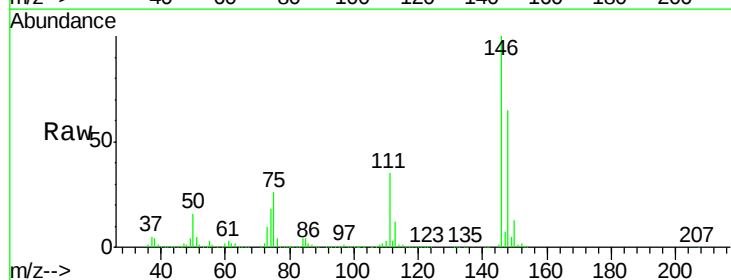
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tot Ion:146 Resp: 384510
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 52.90 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion:146 Resp: 387526
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.7 32.4 97.0

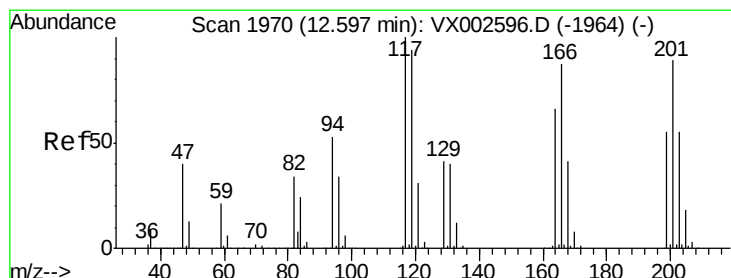
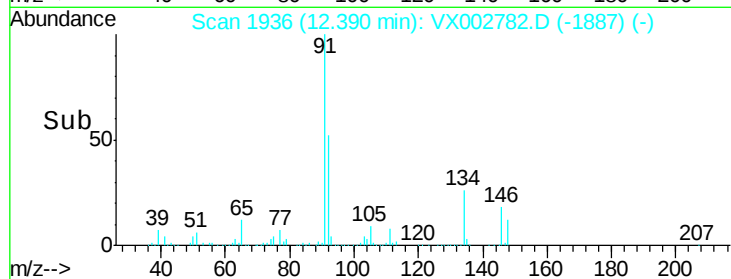
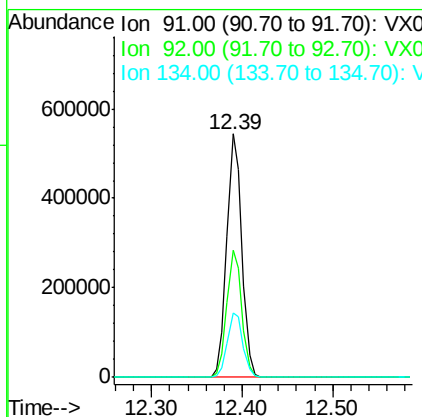
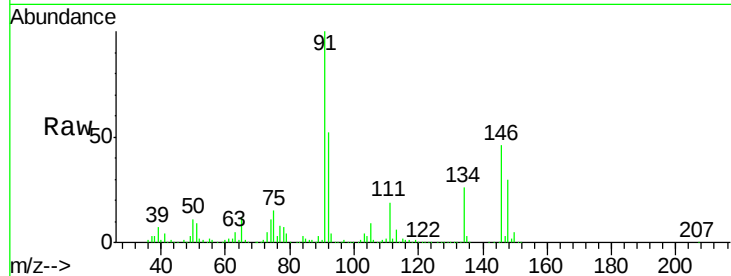




#89
n-Butylbenzene
Concen: 54.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

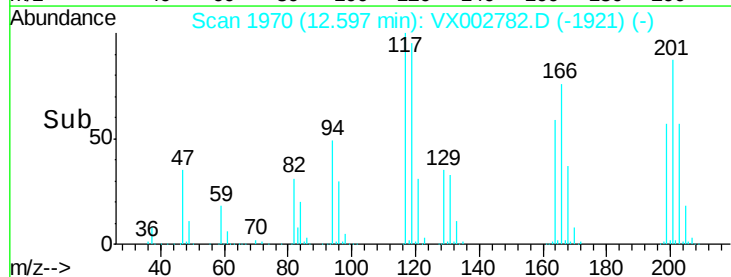
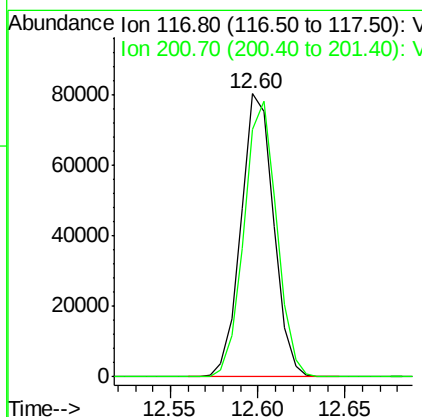
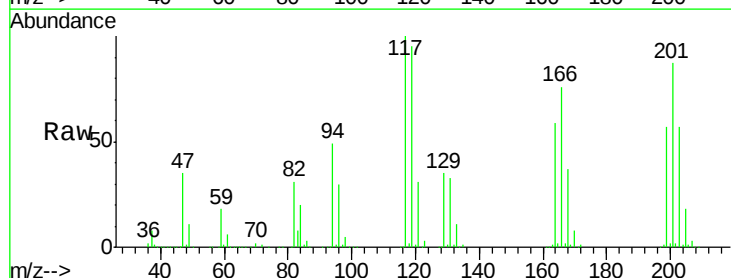
Instrument :
MSVOA_X
ClientSampled :
BFB

Tot Ion: 91 Resp: 624785
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 51.66 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion: 117 Resp: 104128
Ion Ratio Lower Upper
117 100
201 97.4 49.0 147.0

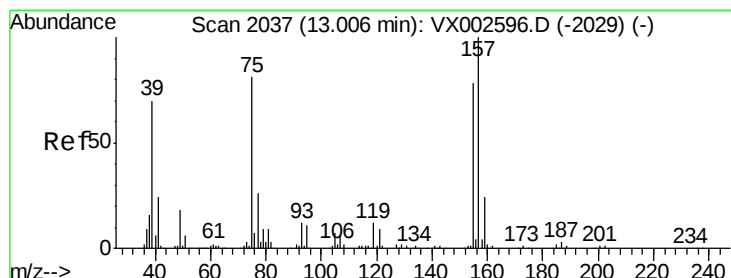
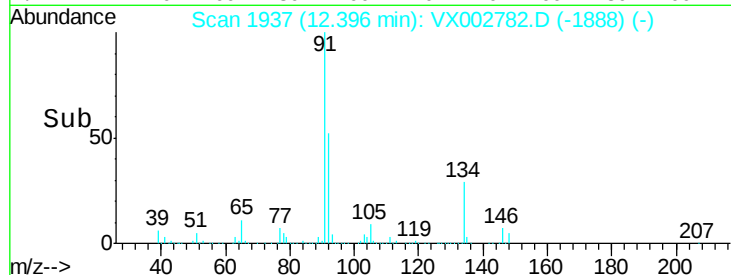
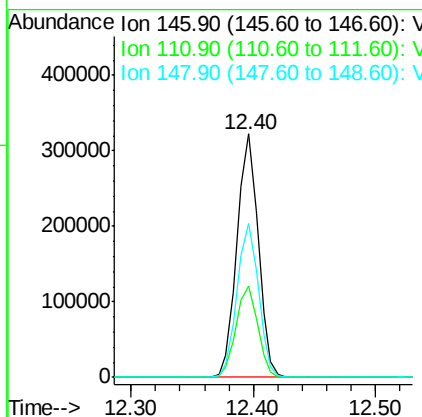
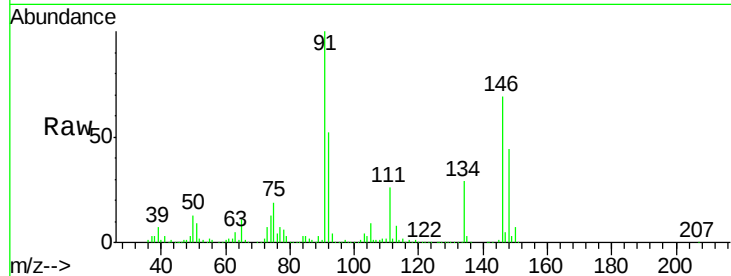




#91
 1,2-Dichlorobenzene
 Concen: 53.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

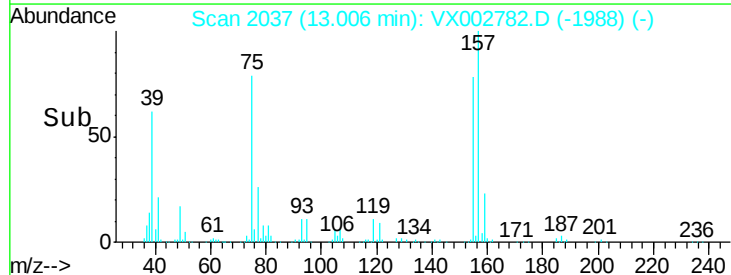
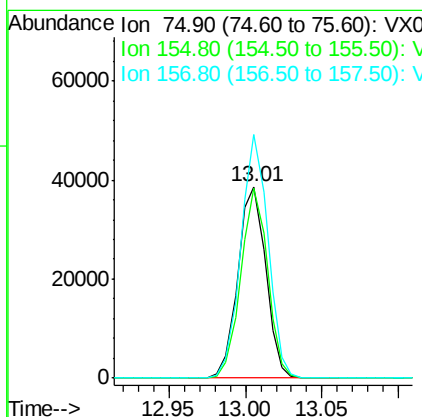
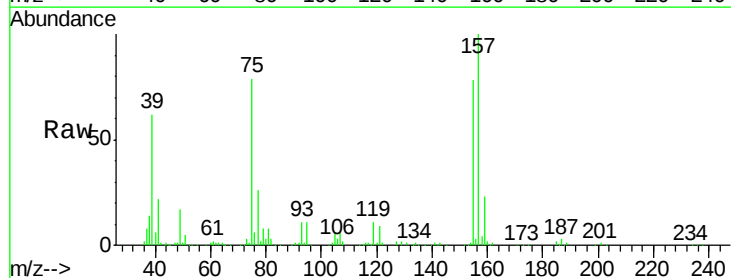
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

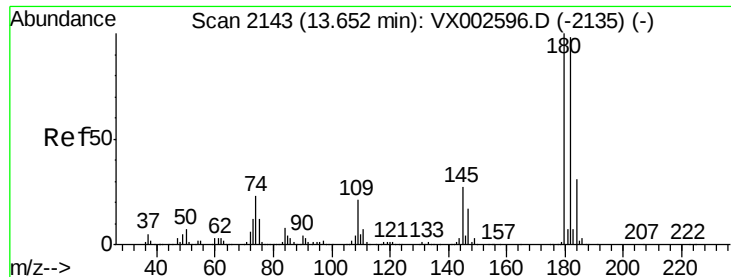
Tot Ion:146 Resp: 385028
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.16 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion: 75 Resp: 48953
 Ion Ratio Lower Upper
 75 100
 155 95.0 45.8 137.4
 157 123.6 60.1 180.3

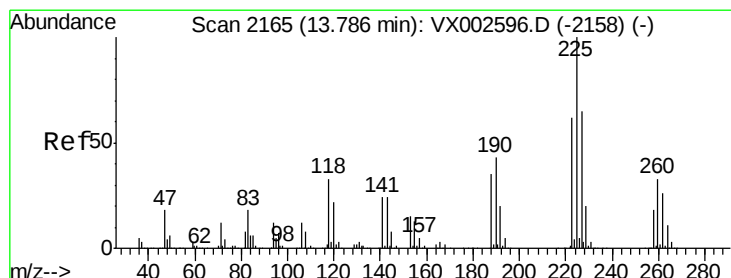
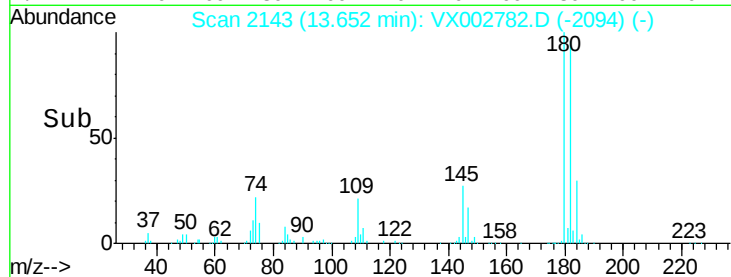
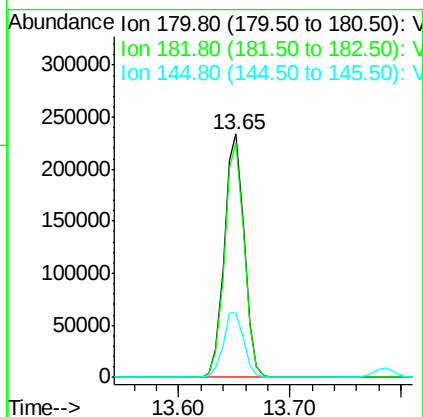
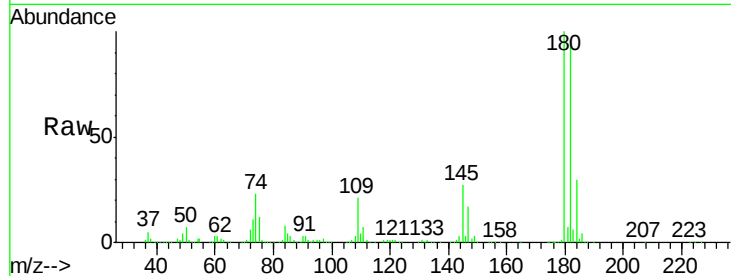




#93
 1,2,4-Trichlorobenzene
 Concen: 54.51 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

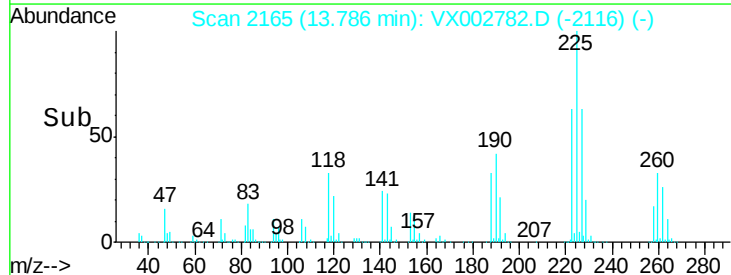
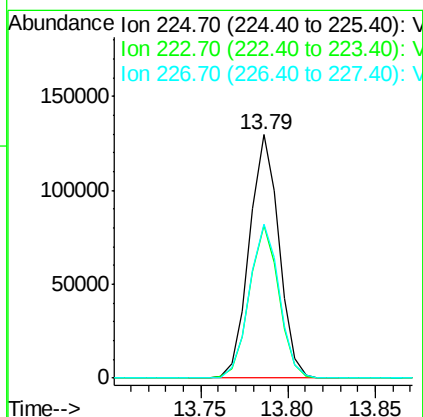
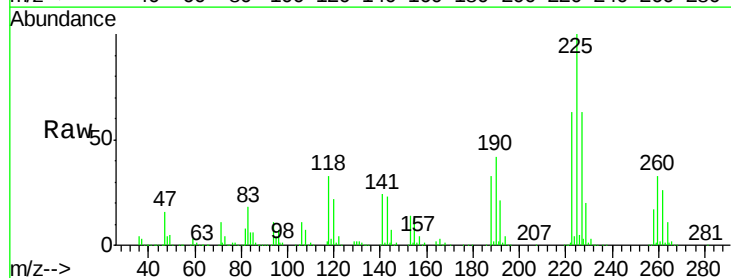
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

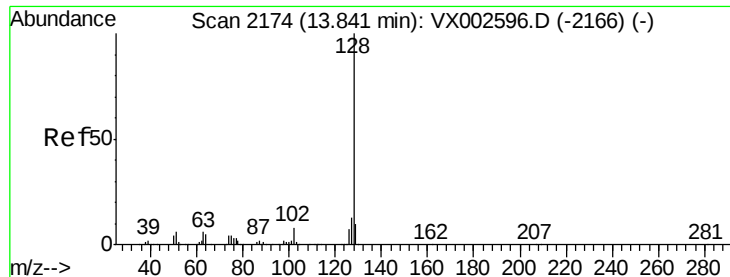
Tot Ion:180 Resp: 286684
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 27.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.31 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002782.D
 Acq: 21 Jun 2018 10:32

Tgt Ion:225 Resp: 153223
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 63.8 32.4 97.2

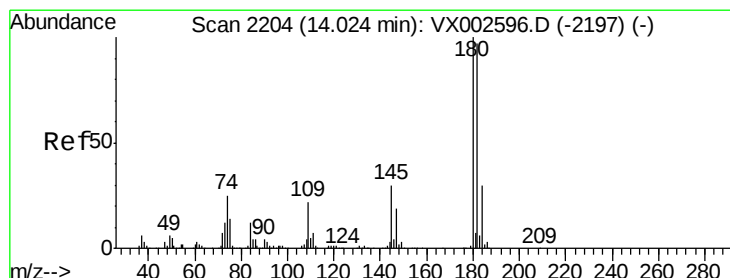
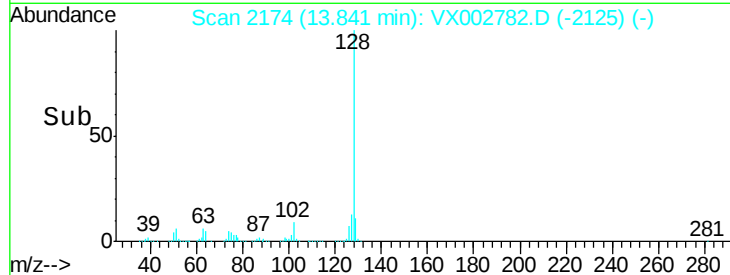
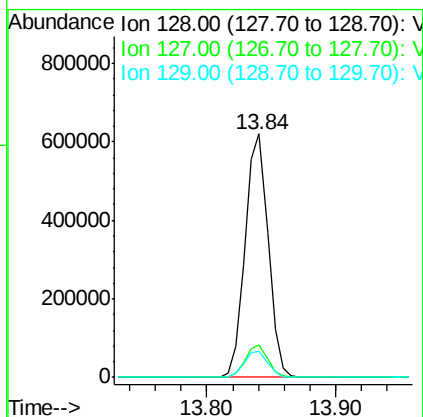
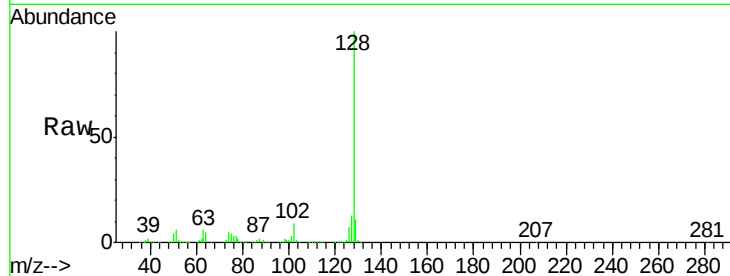




#95
Naphthalene
Concen: 53.74 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.87 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002782.D
Acq: 21 Jun 2018 10:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.0
145	29.7	14.8	44.3

