

Data File : VX000889.D

Acq On : 15 Apr 2018 11:40

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Apr 16 07:35:37 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157833	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	
35) Dibromofluoromethane	5.51	113	134441	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.72	98	501568	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.14	95	202170	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	146812	47.23	ug/l	99
3) Chloromethane	1.32	50	125695	47.16	ug/l	100
4) Vinyl Chloride	1.40	62	141882	47.33	ug/l	99
5) Bromomethane	1.64	94	71206	57.59	ug/l	98
6) Chloroethane	1.73	64	85621	47.12	ug/l	99
7) Trichlorofluoromethane	1.93	101	223115	49.33	ug/l	99
8) Diethyl Ether	2.19	74	81379	48.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	135569	50.83	ug/l	99
10) Methyl Iodide	2.51	142	82966	41.62	ug/l	99
11) Tert butyl alcohol	3.07	59	129120	209.44	ug/l	99
12) 1,1-Dichloroethene	2.38	96	120102	47.52	ug/l	99
13) Acrolein	2.29	56	30288	101.17	ug/l	100
14) Allyl chloride	2.73	41	219782	47.03	ug/l	100
15) Acrylonitrile	3.15	53	312700	237.91	ug/l	100
16) Acetone	2.45	43	270032	225.51	ug/l	100
17) Carbon Disulfide	2.57	76	313764	41.00	ug/l	99
18) Methyl Acetate	2.78	43	156603	50.54	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	409974	48.70	ug/l	100
20) Methylene Chloride	2.86	84	129896	46.64	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129213	46.36	ug/l	99
22) Diisopropyl ether	3.87	45	420375	48.94	ug/l	99
23) Vinyl Acetate	3.83	43	1778654	235.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	233569	48.46	ug/l	98
25) 2-Butanone	4.71	43	448050	226.59	ug/l	99
26) 2,2-Dichloropropane	4.59	77	220636	46.12	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152811	48.31	ug/l	100
28) Bromochloromethane	5.03	49	94785	48.84	ug/l	98
29) Tetrahydrofuran	5.17	42	281552	224.25	ug/l	100
30) Chloroform	5.22	83	251501	49.29	ug/l	98
31) Cyclohexane	5.58	56	217387	47.50	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	230983	47.51	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192737	48.78	ug/l	99
37) Ethyl Acetate	4.87	43	178226	46.21	ug/l	100
38) Carbon Tetrachloride	5.79	117	208651	47.18	ug/l	99

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ClientSampleId :
BFB

Quant Time: Apr 16 07:35:37 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236606	49.87	ug/l	98
40) Benzene	6.15	78	549036	50.01	ug/l	100
41) Methacrylonitrile	5.06	41	106688	47.88	ug/l	99
42) 1,2-Dichloroethane	6.20	62	202340	49.35	ug/l	99
43) Isopropyl Acetate	6.47	43	309467	46.80	ug/l	100
44) Trichloroethene	7.22	130	168271	49.28	ug/l	96
45) 1,2-Dichloropropane	7.52	63	141874	50.75	ug/l	99
46) Dibromomethane	7.67	93	95018	48.75	ug/l	100
47) Bromodichloromethane	7.90	83	191416	48.66	ug/l	99
48) Methyl methacrylate	7.78	41	164347	47.95	ug/l	99
49) 1,4-Dioxane	7.76	88	60892	883.98	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	931064	239.69	ug/l	100
52) Toluene	8.79	92	363403	49.90	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233998	49.59	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	222716	48.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	143392	49.59	ug/l	98
56) Ethyl methacrylate	9.19	69	216797	48.61	ug/l	99
57) 1,3-Dichloropropane	9.38	76	234966	51.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	480782	230.71	ug/l	99
59) 2-Hexanone	9.51	43	715864	238.72	ug/l	100
60) Dibromochloromethane	9.59	129	167790	48.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	151459	49.38	ug/l	99
64) Tetrachloroethene	9.34	164	175068	52.18	ug/l	99
65) Chlorobenzene	10.15	112	432442	50.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	159293	49.03	ug/l	100
67) Ethyl Benzene	10.26	91	721591	50.14	ug/l	100
68) m/p-Xylenes	10.37	106	571463	100.60	ug/l	99
69) o-Xylene	10.71	106	275891	50.39	ug/l	99
70) Styrene	10.72	104	463318	50.19	ug/l	100
71) Bromoform	10.87	173	138302	45.97	ug/l	100
73) Isopropylbenzene	11.02	105	750762	50.31	ug/l	100
74) N-amyl acetate	6.47	43	309467	46.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208092	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	247013	60.88	ug/l	85
77) Bromobenzene	11.26	156	215356	49.24	ug/l	100
78) n-propylbenzene	11.37	91	858483	50.29	ug/l	100
79) 2-Chlorotoluene	11.43	91	502838	49.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	640634	49.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64747	43.90	ug/l	97
82) 4-Chlorotoluene	11.52	91	600449	49.31	ug/l	100
83) tert-Butylbenzene	11.77	119	660557	50.31	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	659424	49.77	ug/l	100
85) sec-Butylbenzene	11.95	105	784410	50.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	734696	50.86	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	405434	50.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	411009	49.54	ug/l	100
89) n-Butylbenzene	12.40	91	649955	50.98	ug/l	100
90) Hexachloroethane	12.60	117	114113	46.68	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	391830	50.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44693	41.19	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041518\
Quantitation Report (Not Reviewed)

Data File : VX000889.D
Acq On : 15 Apr 2018 11:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BFB

Quant Time: Apr 16 07:35:37 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

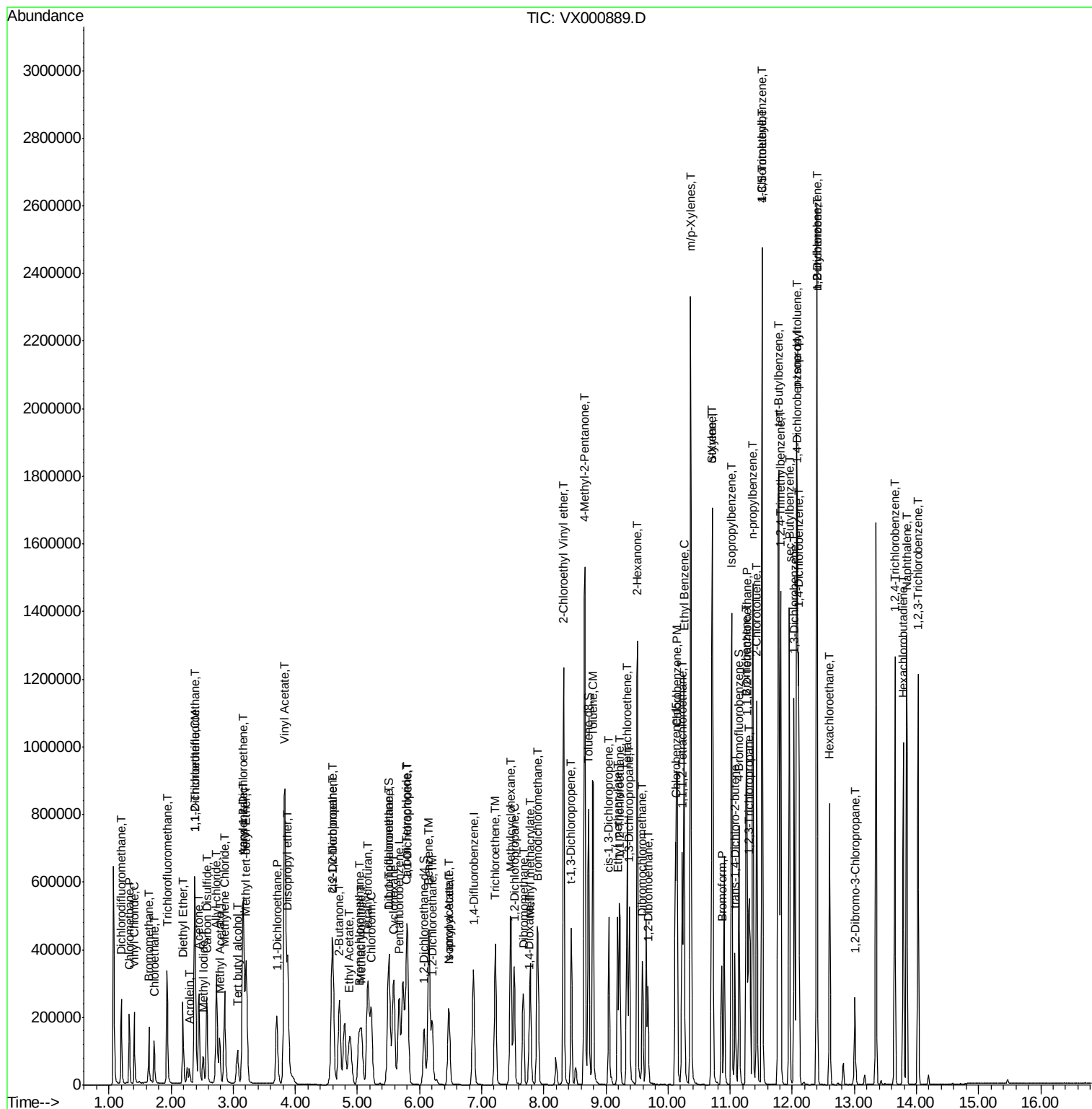
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	340442	51.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	170520	52.00	ug/l	100
95) Naphthalene	13.84	128	842690	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	328685	50.75	ug/l	100

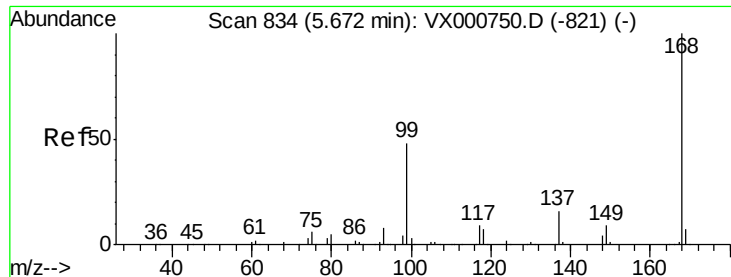
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 2      Sample Multiplier: 1
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BFB

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

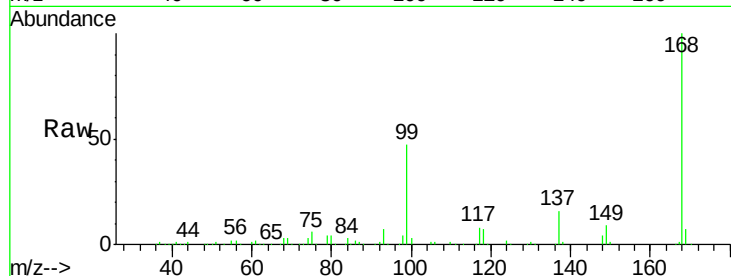
BFB

Tgt Ion: 168 Resp: 275388

Ion Ratio Lower Upper

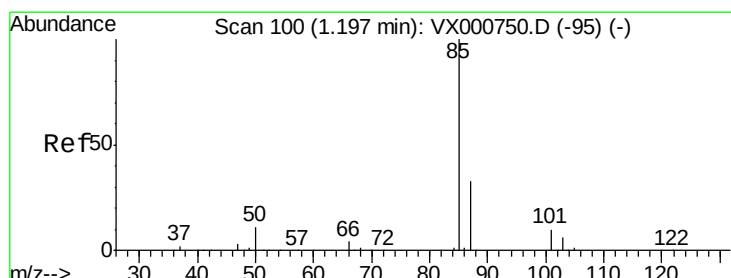
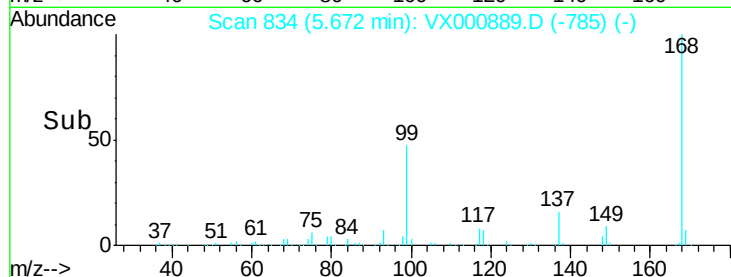
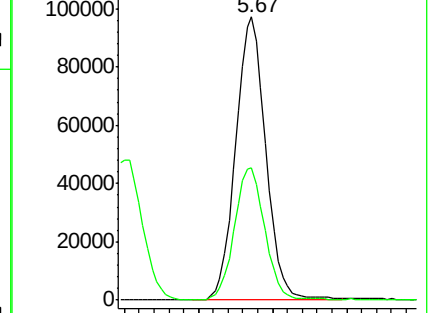
168 100

99 46.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000889.D

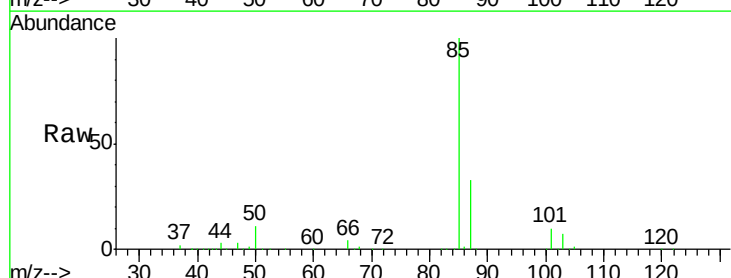
Acq: 15 Apr 2018 11:40

Tgt Ion: 85 Resp: 146812

Ion Ratio Lower Upper

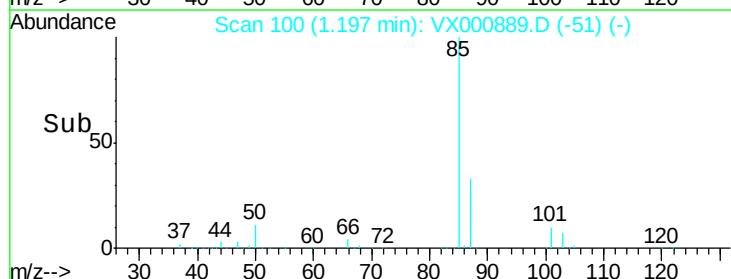
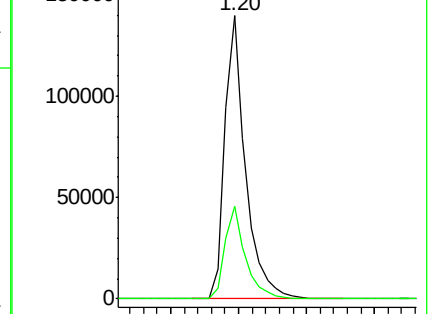
85 100

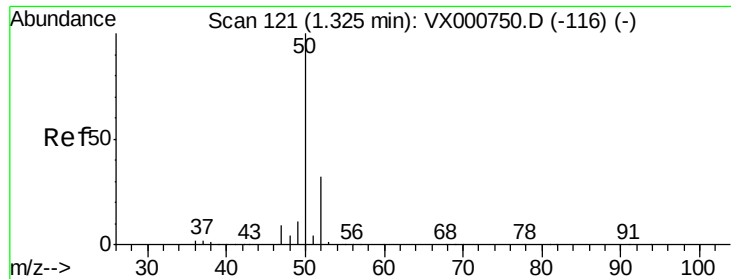
87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

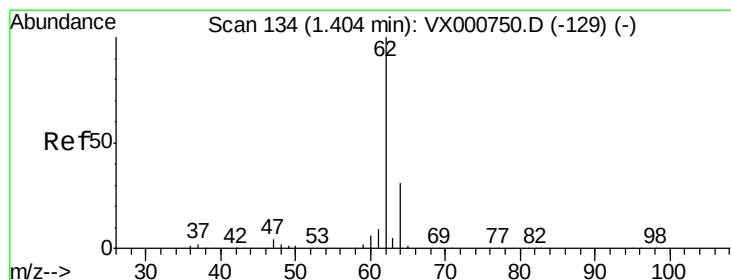
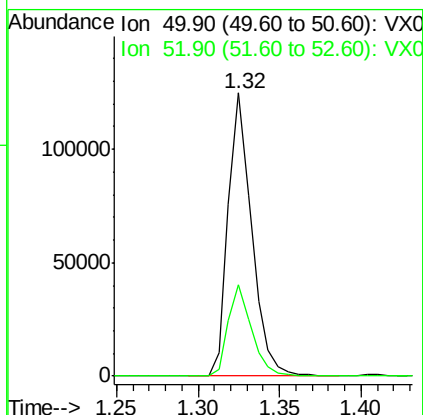
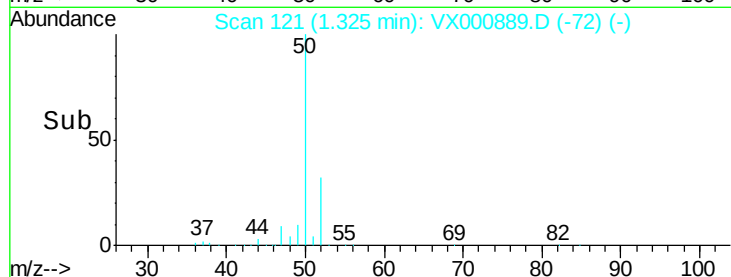
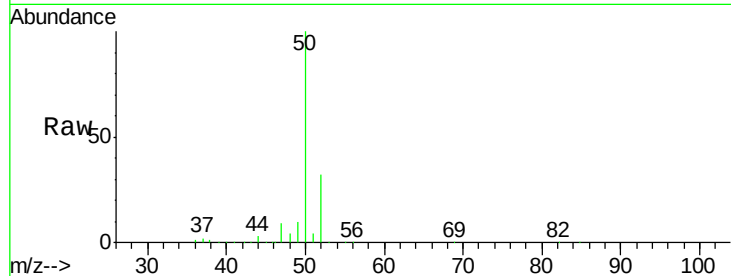




#3
 Chloromethane
 Concen: 47.16 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

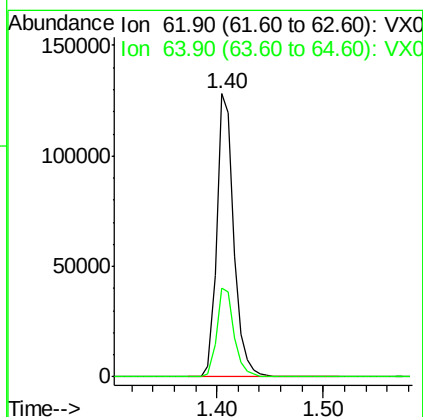
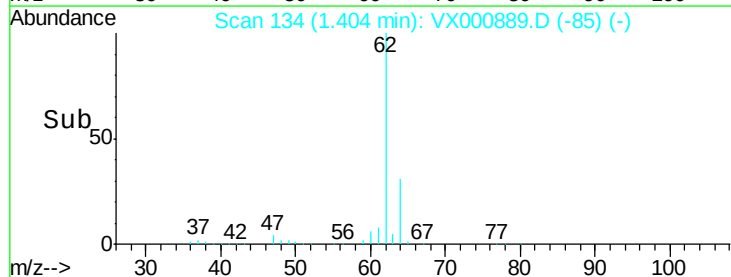
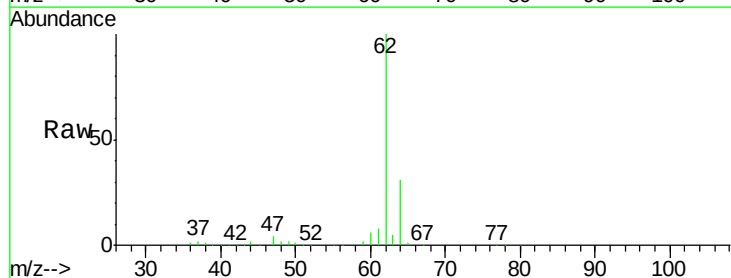
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

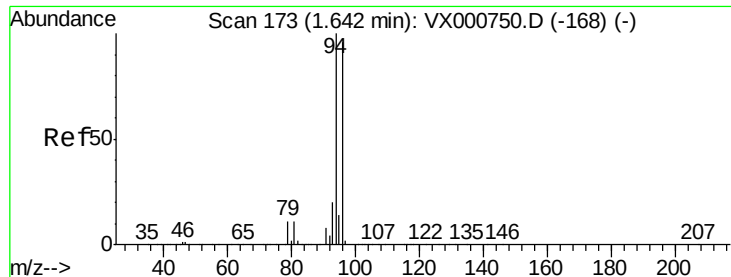
Tgt Ion: 50 Resp: 125695
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.8 38.8



#4
 Vinyl Chloride
 Concen: 47.33 ug/l
 RT: 1.40 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 62 Resp: 141882
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.6 36.8





#5

Bromomethane

Concen: 57.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

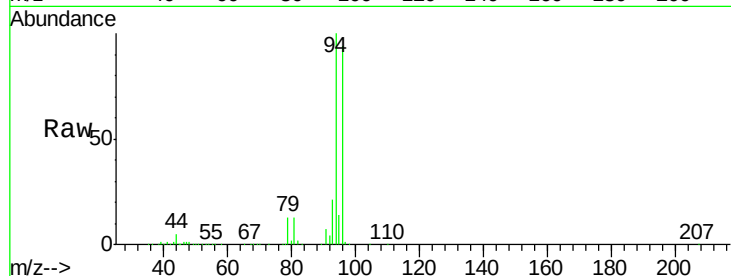
BFB

Tgt Ion: 94 Resp: 71206

Ion Ratio Lower Upper

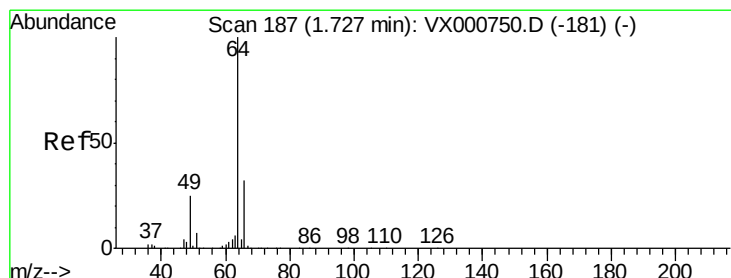
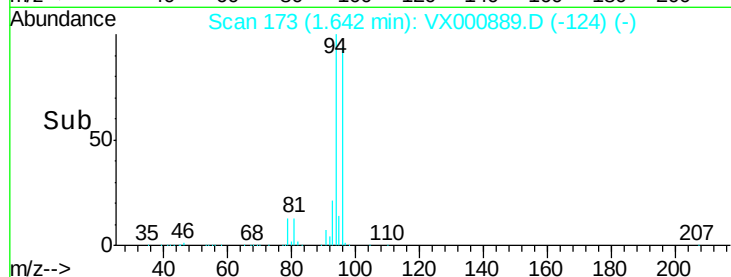
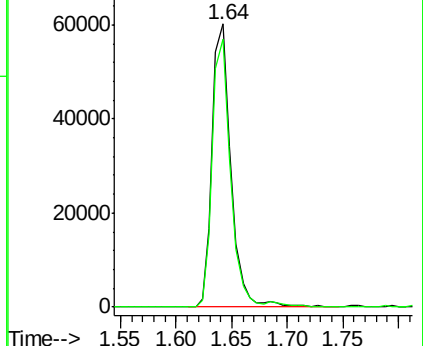
94 100

96 94.4 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.12 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000889.D

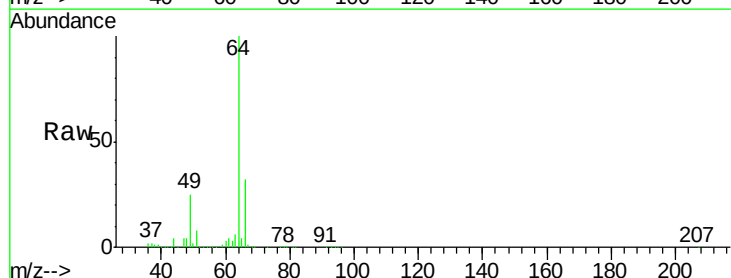
Acq: 15 Apr 2018 11:40

Tgt Ion: 64 Resp: 85621

Ion Ratio Lower Upper

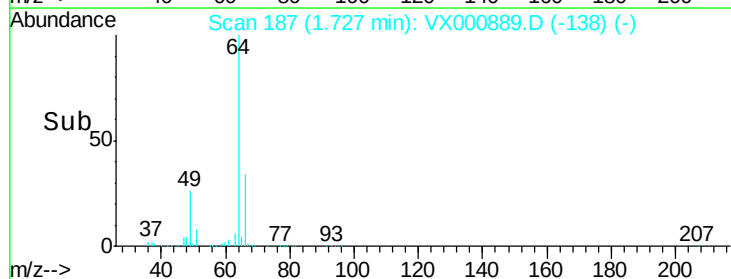
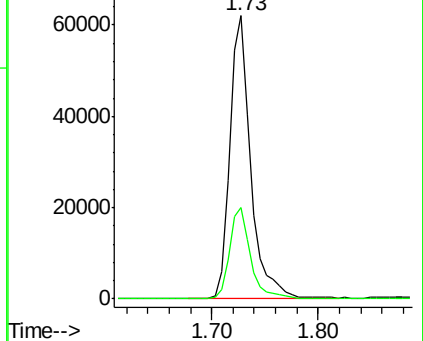
64 100

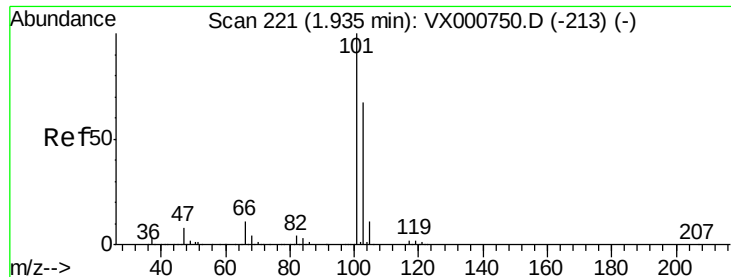
66 32.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



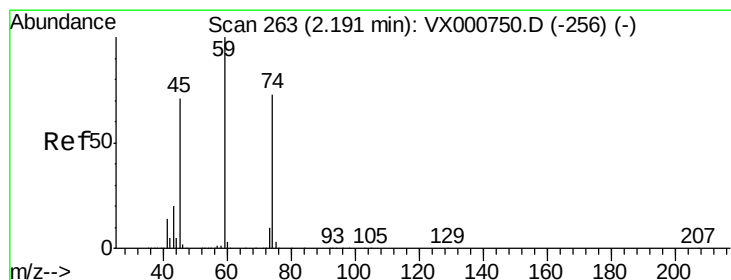
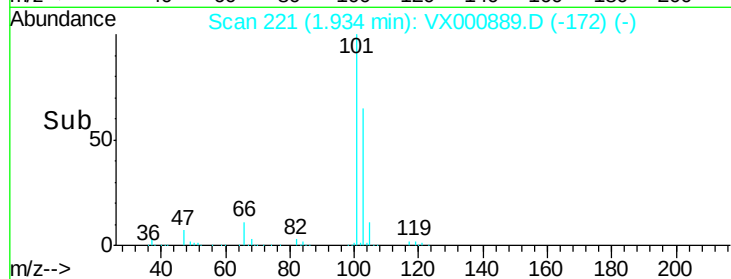
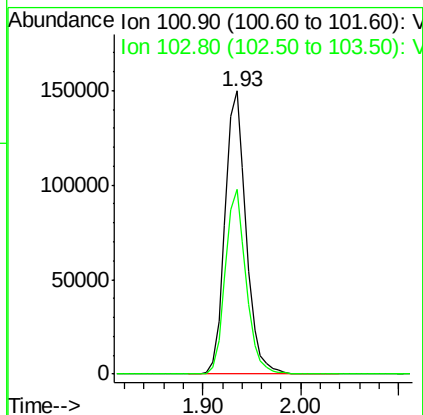
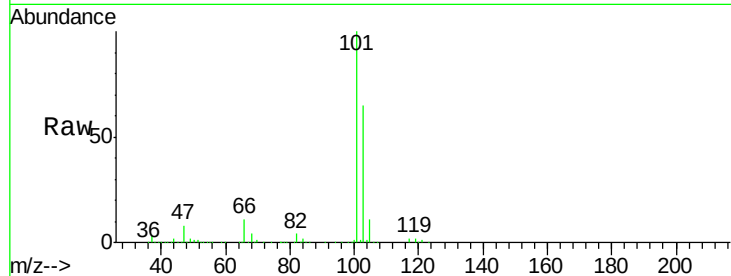


#7

Trichlorofluoromethane
 Concen: 49.33 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Instrument :
 MSVOA_X
 ClientSampled :
 BFB

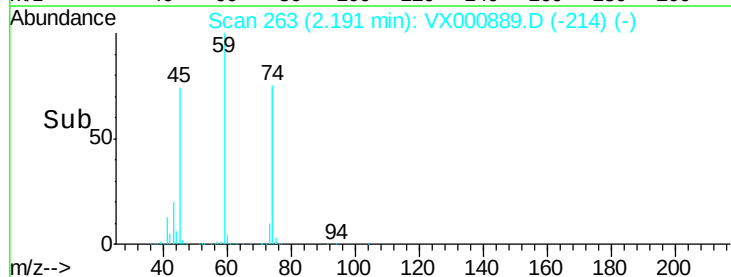
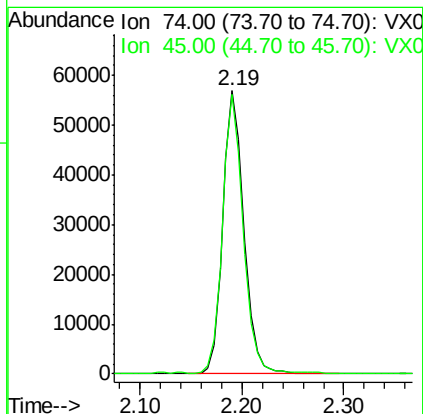
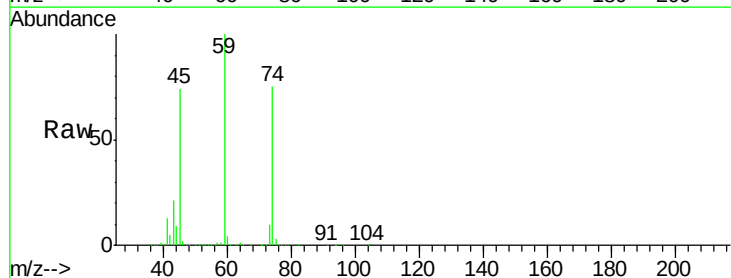
Tgt Ion:101 Resp: 223115
 Ion Ratio Lower Upper
 101 100
 103 65.4 53.2 79.8

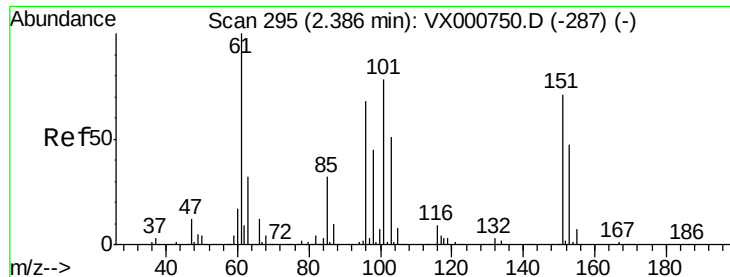


#8

Diethyl Ether
 Concen: 48.16 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 74 Resp: 81379
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

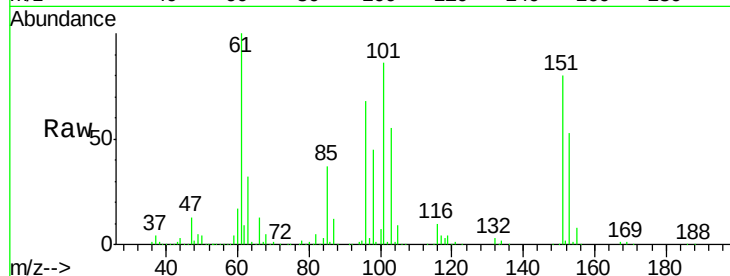
Tgt Ion:101 Resp: 135569

Ion Ratio Lower Upper

101 100

85 42.1 34.0 51.0

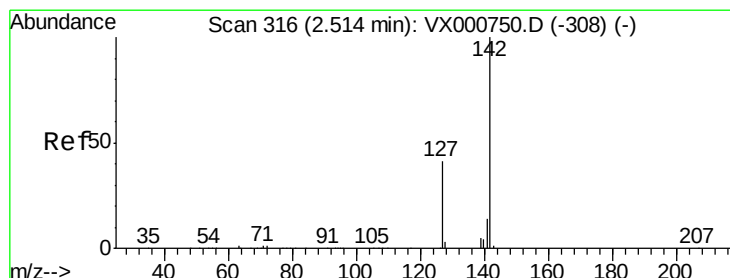
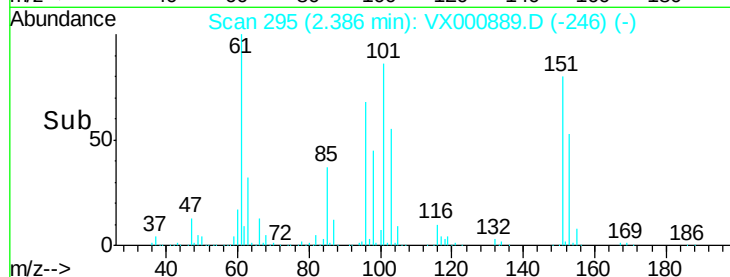
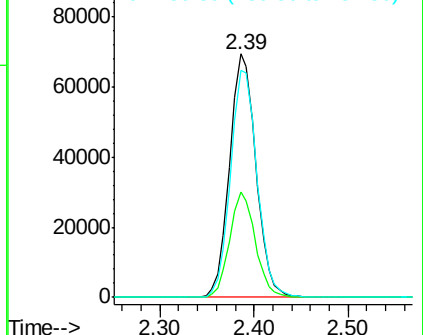
151 93.8 75.8 113.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.62 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

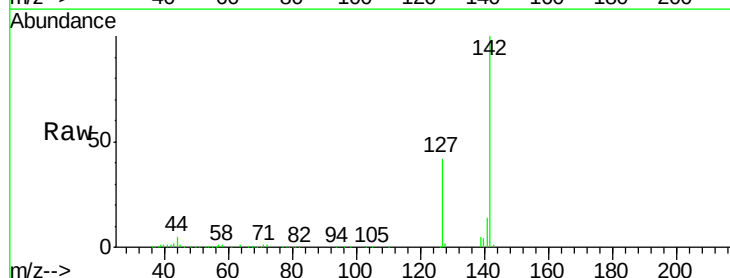
Tgt Ion:142 Resp: 82966

Ion Ratio Lower Upper

142 100

127 41.7 32.6 49.0

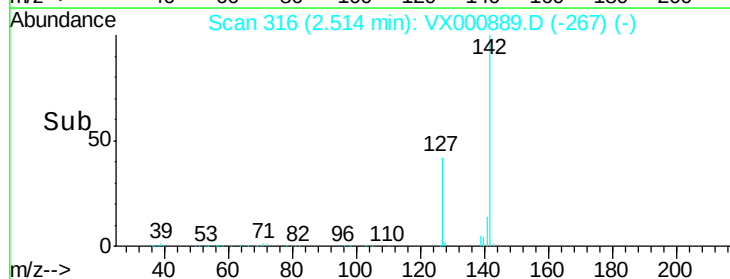
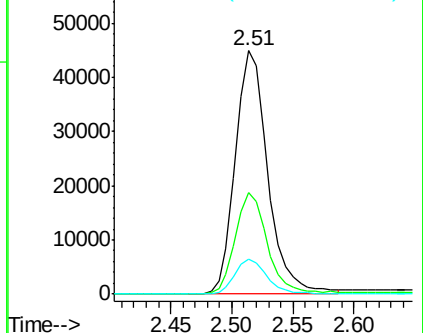
141 14.2 11.5 17.3

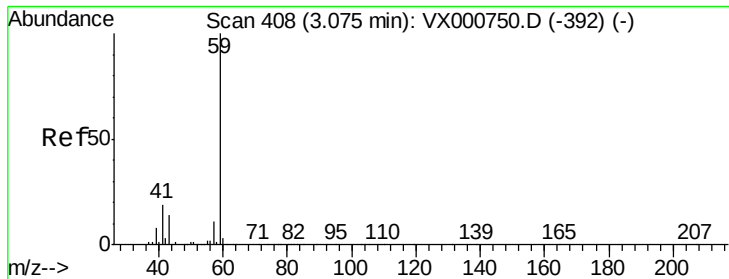


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



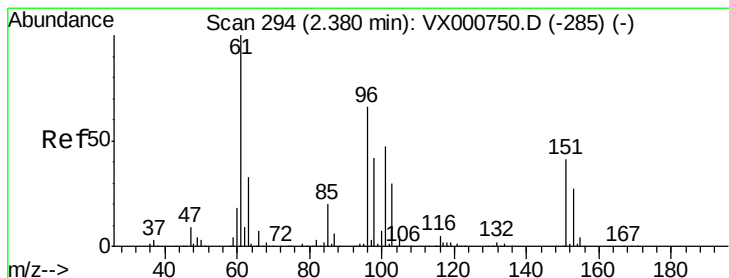
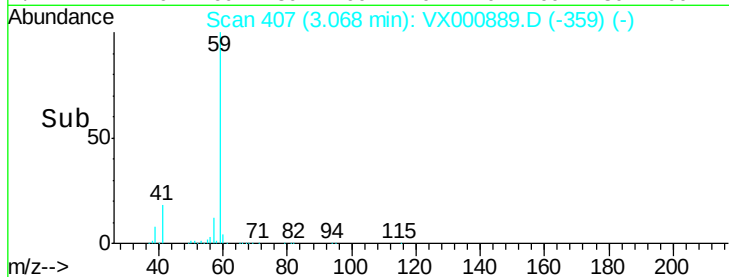
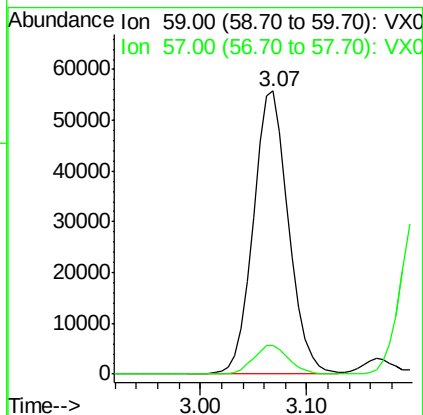
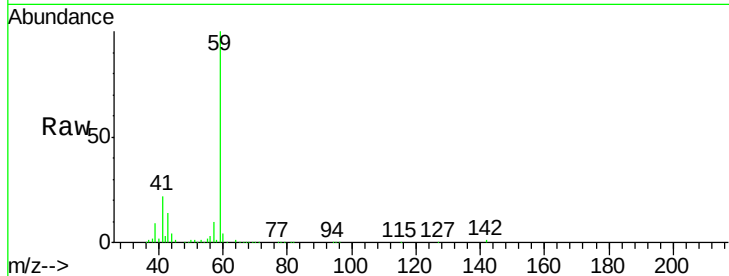


#11

Tert butyl alcohol
Concen: 209.44 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

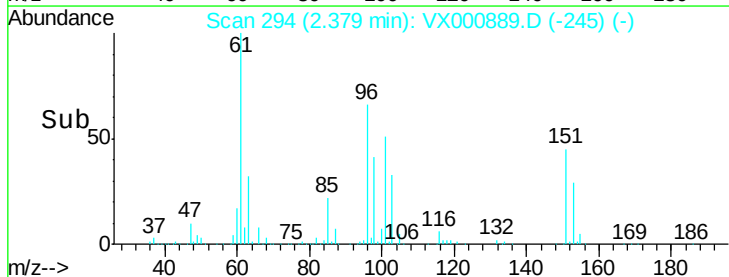
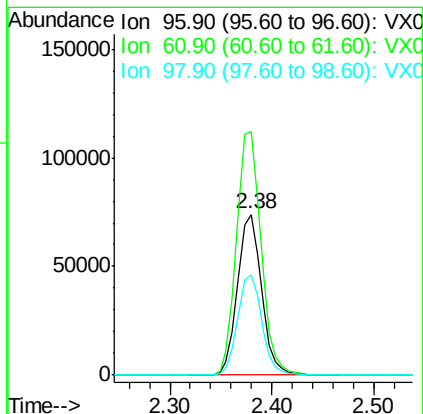
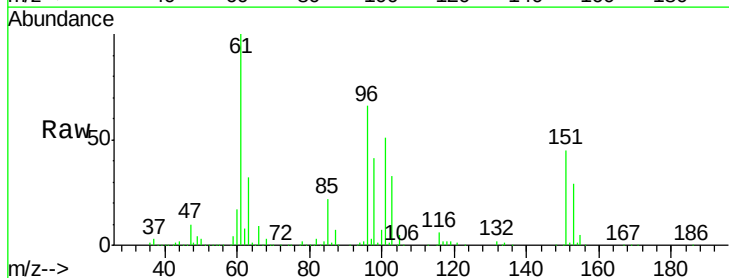
Tgt Ion: 59 Resp: 129120
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

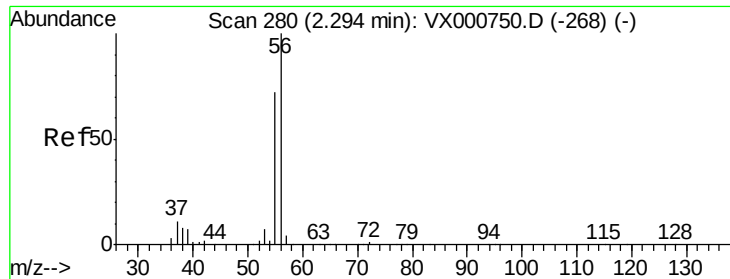


#12

1,1-Dichloroethene
Concen: 47.52 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 96 Resp: 120102
Ion Ratio Lower Upper
96 100
61 151.2 120.5 180.7
98 62.1 50.9 76.3





#13

Acrolein

Concen: 101.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

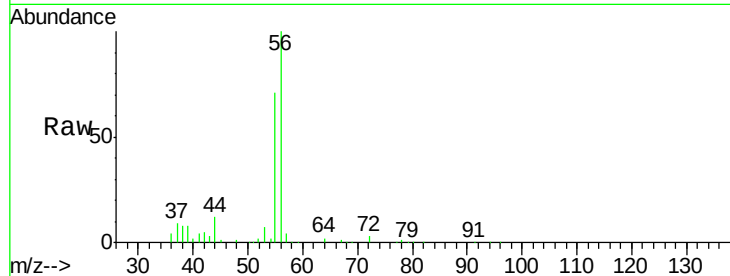
BFB

Tgt Ion: 56 Resp: 30288

Ion Ratio Lower Upper

56 100

55 73.3 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

10000

5000

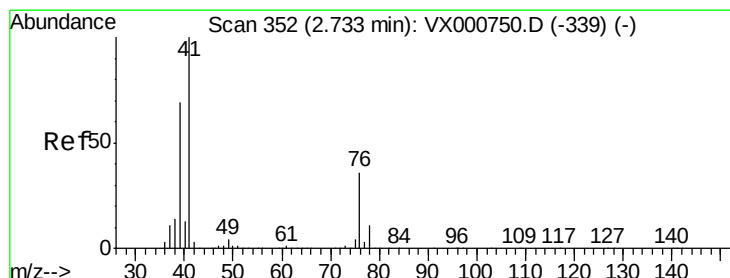
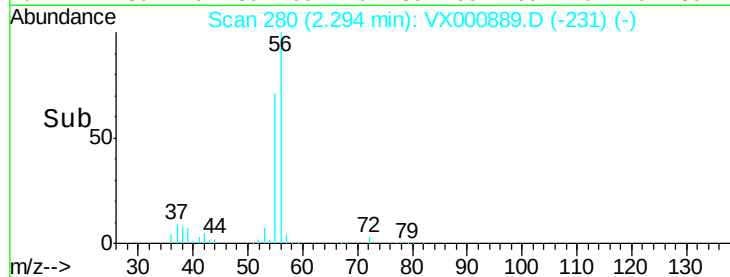
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 47.03 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

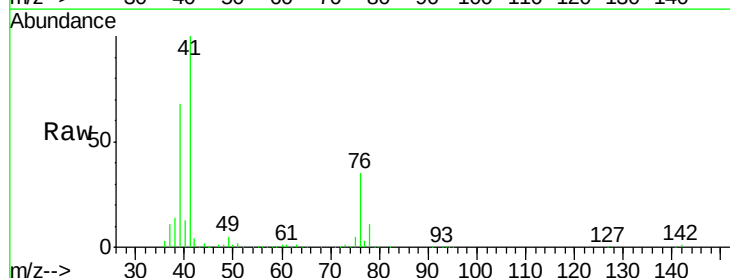
Tgt Ion: 41 Resp: 219782

Ion Ratio Lower Upper

41 100

39 64.2 51.5 77.3

76 32.9 26.5 39.7



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

250000

200000

150000

100000

50000

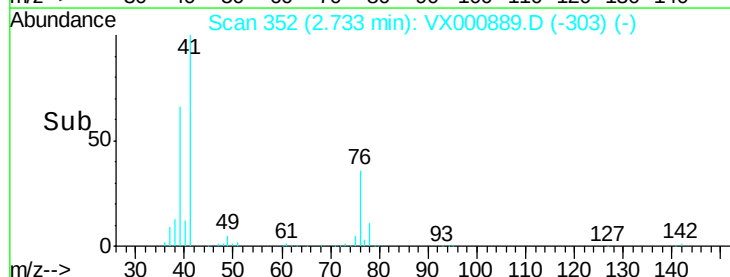
0

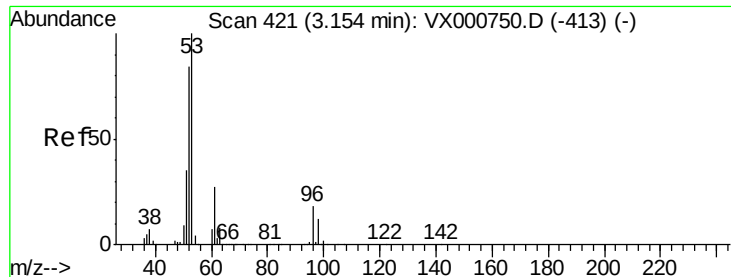
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 237.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

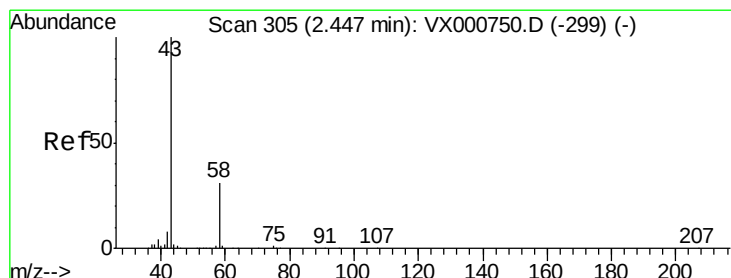
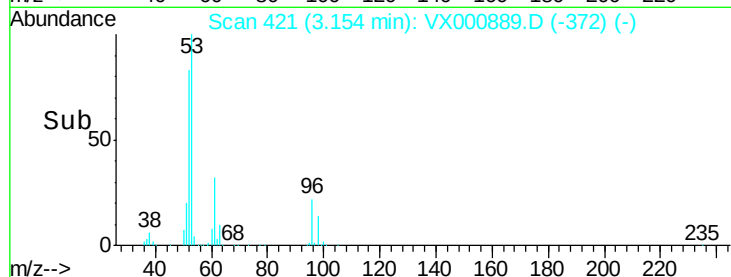
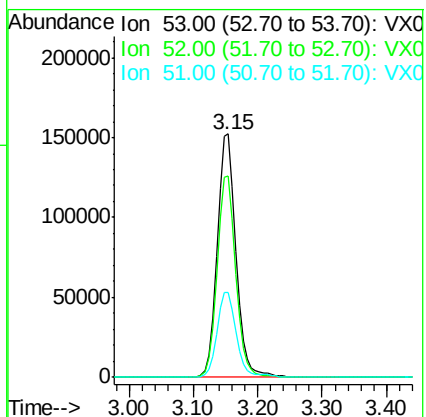
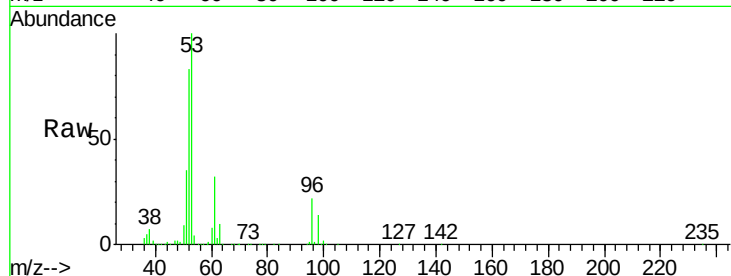
Tgt Ion: 53 Resp: 312700

Ion Ratio Lower Upper

53 100

52 82.5 66.5 99.7

51 36.0 28.8 43.2



#16

Acetone

Concen: 225.51 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000889.D

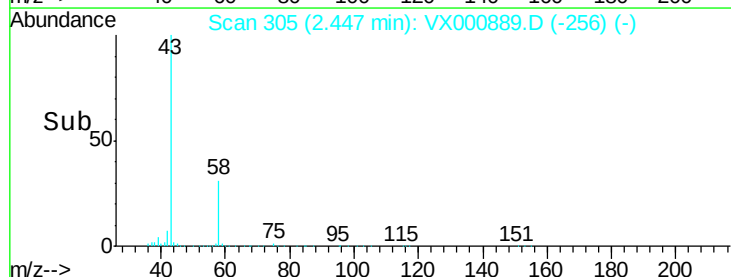
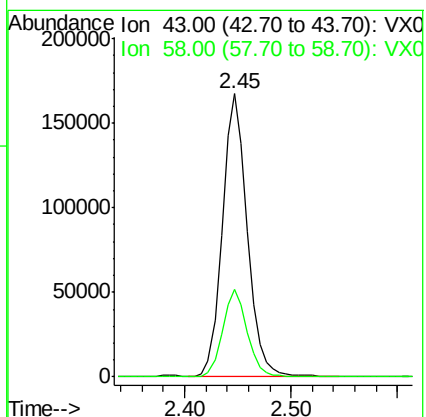
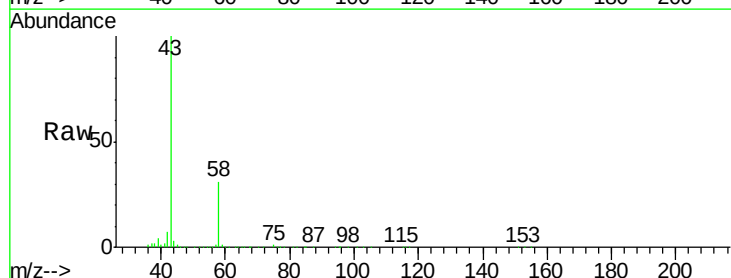
Acq: 15 Apr 2018 11:40

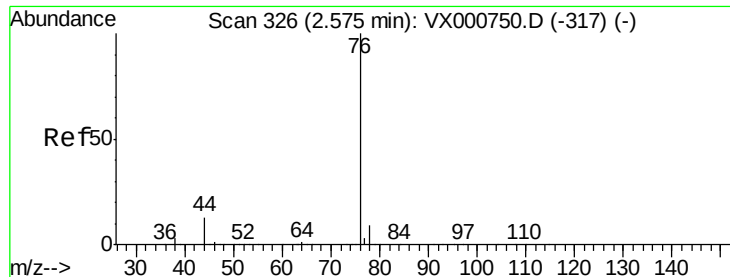
Tgt Ion: 43 Resp: 270032

Ion Ratio Lower Upper

43 100

58 31.0 24.6 37.0





#17

Carbon Disulfide

Concen: 41.00 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

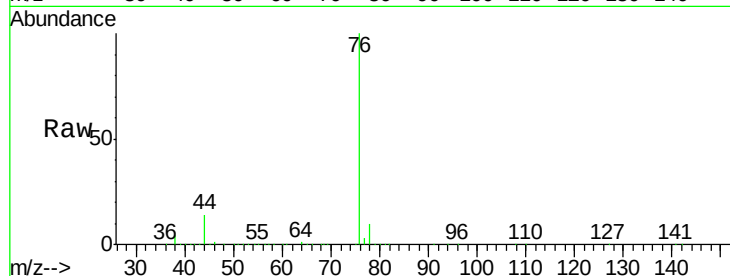
BFB

Tgt Ion: 76 Resp: 313764

Ion Ratio Lower Upper

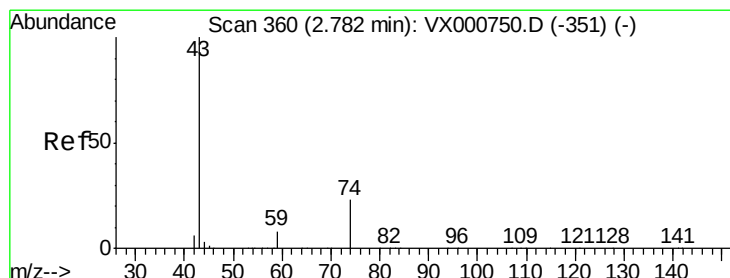
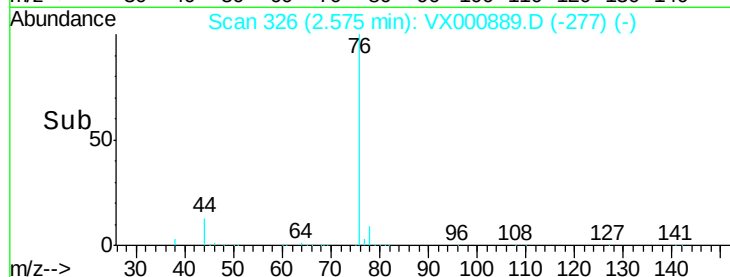
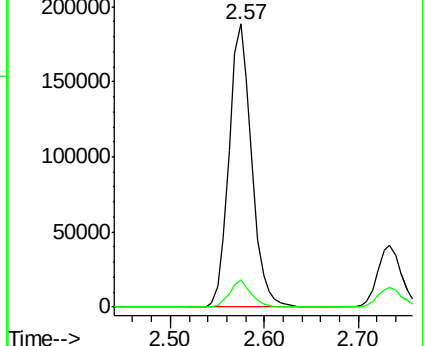
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.54 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000889.D

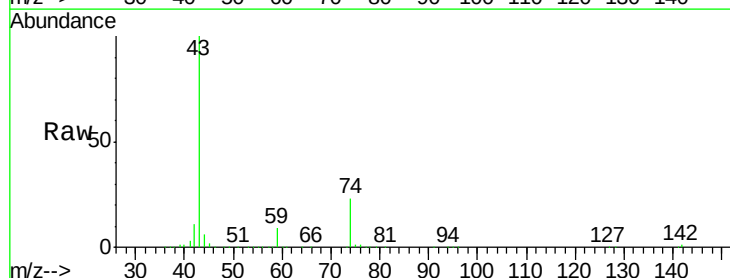
Acq: 15 Apr 2018 11:40

Tgt Ion: 43 Resp: 156603

Ion Ratio Lower Upper

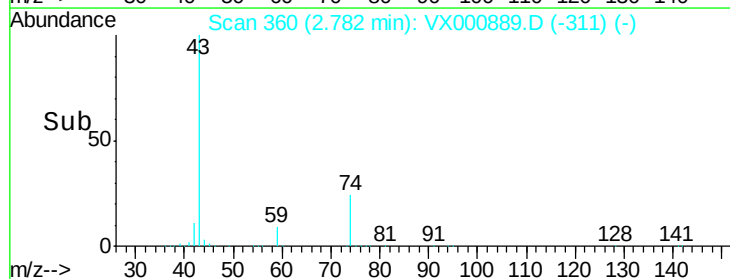
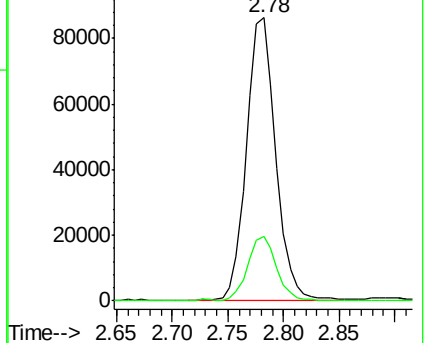
43 100

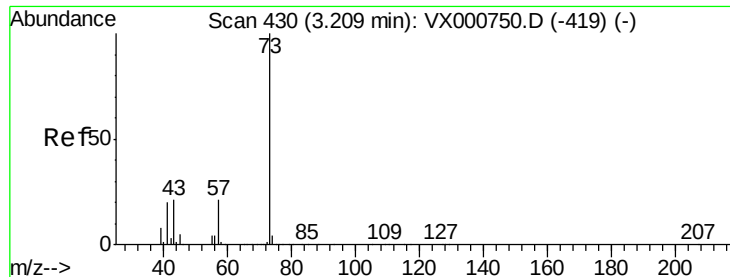
74 23.2 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 48.70 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

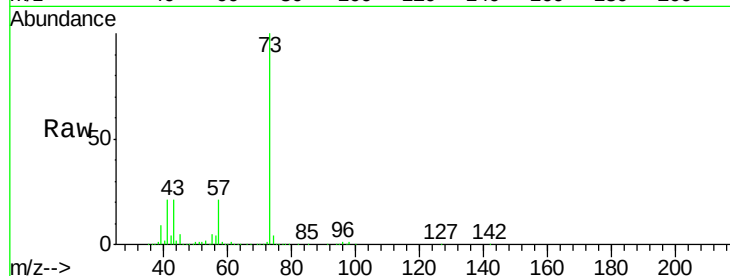
BFB

Tgt Ion: 73 Resp: 409974

Ion Ratio Lower Upper

73 100

57 21.1 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

200000

150000

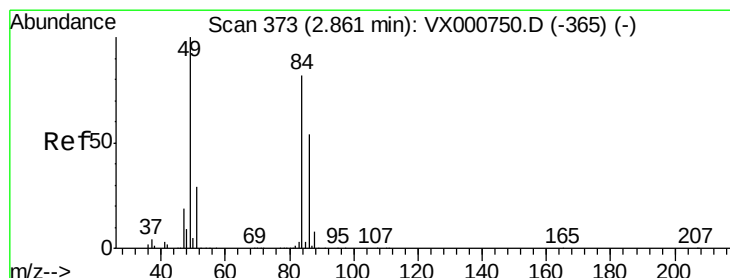
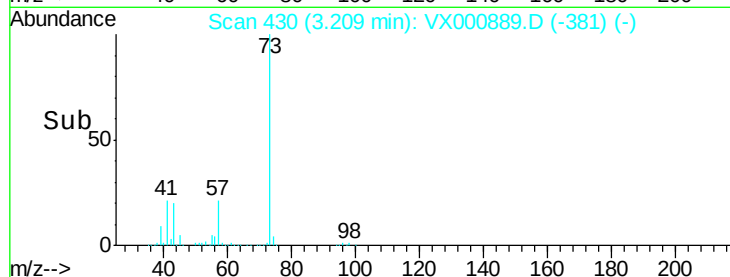
100000

50000

0

3.10 3.20 3.30 3.40

Time-->



#20

Methylene Chloride

Concen: 46.64 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion: 84 Resp: 129896

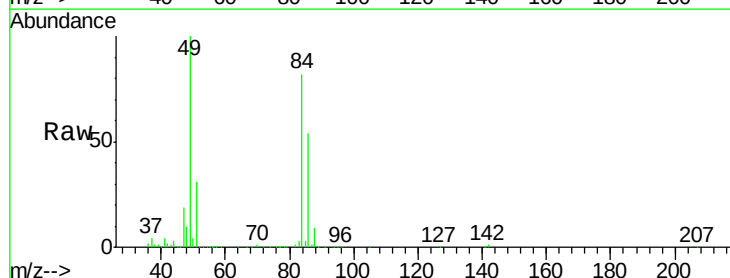
Ion Ratio Lower Upper

84 100

49 121.7 98.1 147.1

51 37.5 28.9 43.3

86 65.7 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

120000

100000

80000

60000

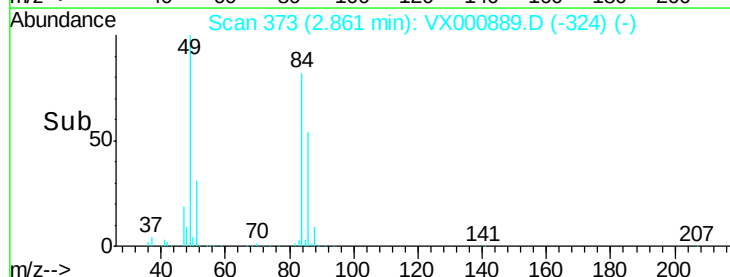
40000

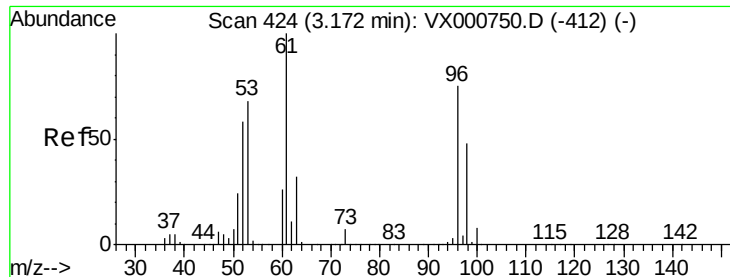
20000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

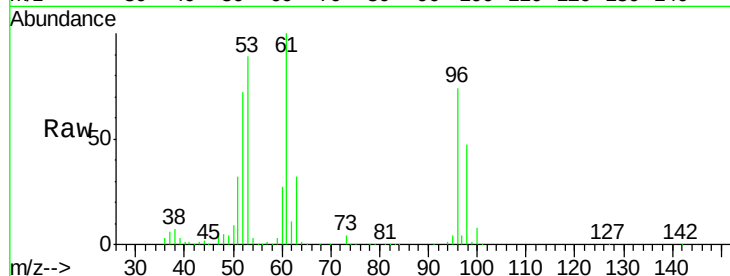
Tgt Ion: 96 Resp: 129213

Ion Ratio Lower Upper

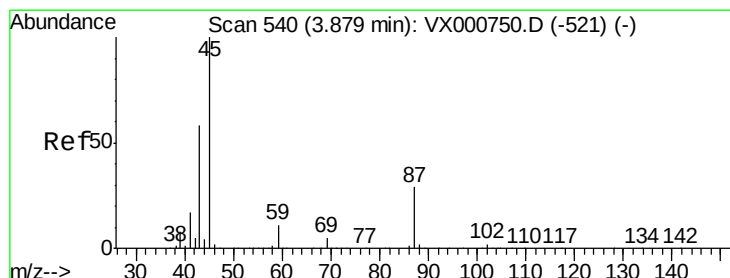
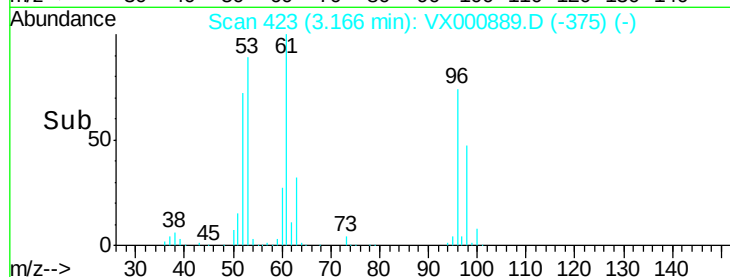
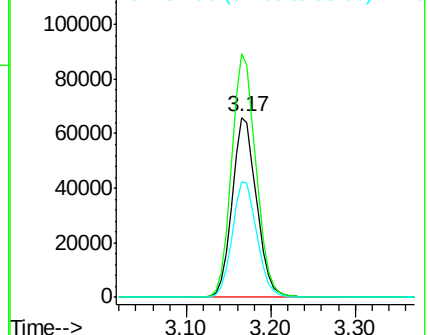
96 100

61 135.2 106.2 159.2

98 64.0 51.2 76.8



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: 48.94 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Tgt Ion: 45 Resp: 420375

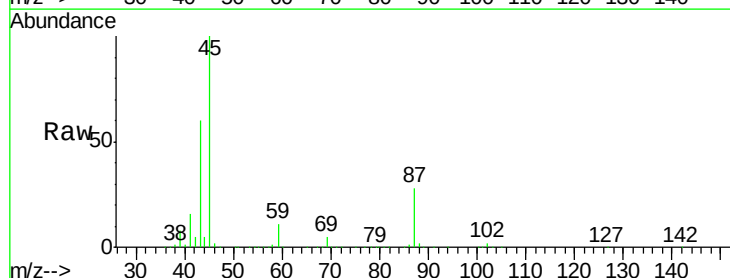
Ion Ratio Lower Upper

45 100

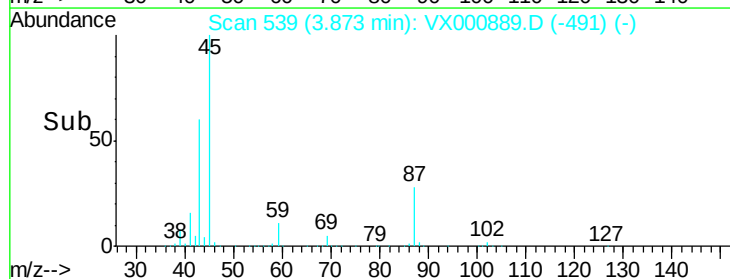
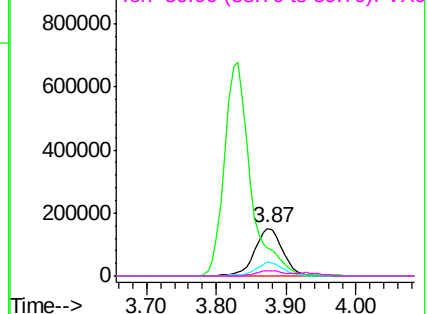
43 59.9 46.6 69.8

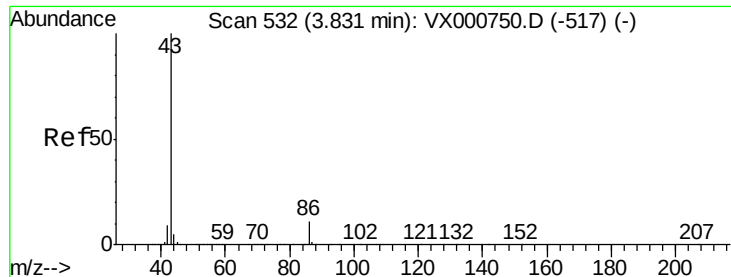
87 28.5 22.9 34.3

59 11.2 9.2 13.8



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: 235.86 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

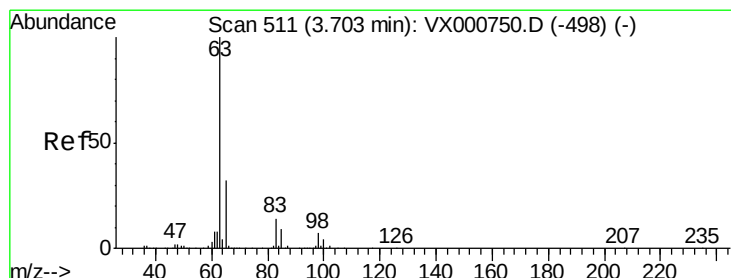
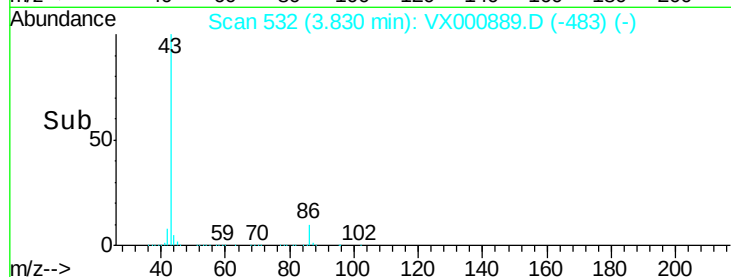
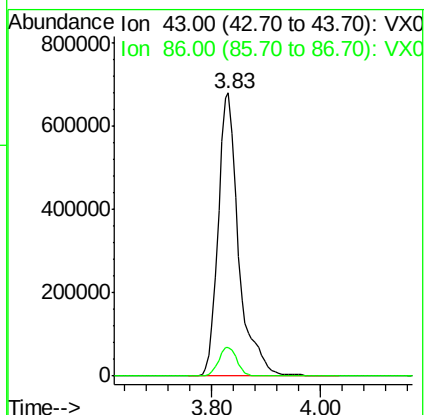
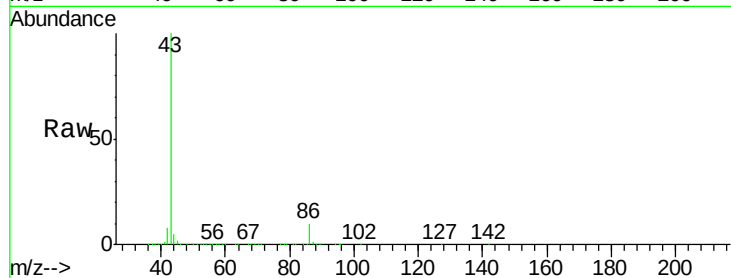
BFB

Tgt Ion: 43 Resp: 1778654

Ion Ratio Lower Upper

43 100

86 10.2 8.6 12.8



#24

1,1-Dichloroethane

Concen: 48.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

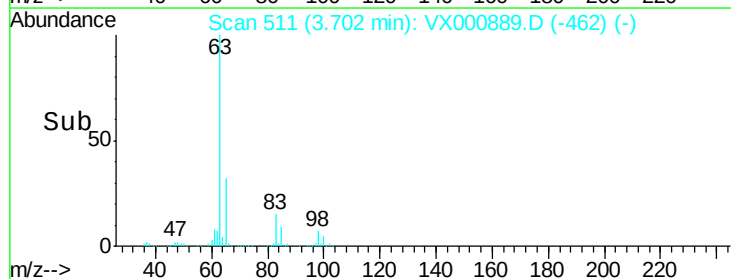
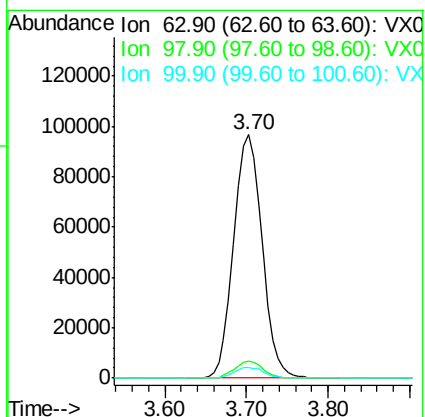
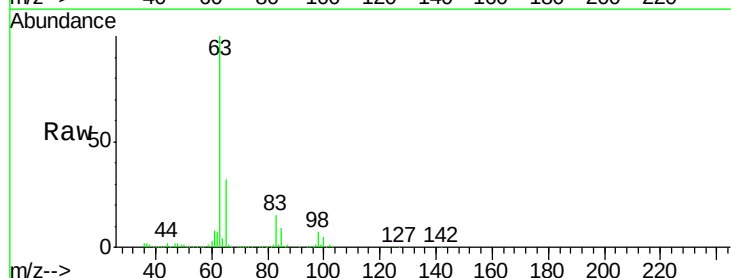
Tgt Ion: 63 Resp: 233569

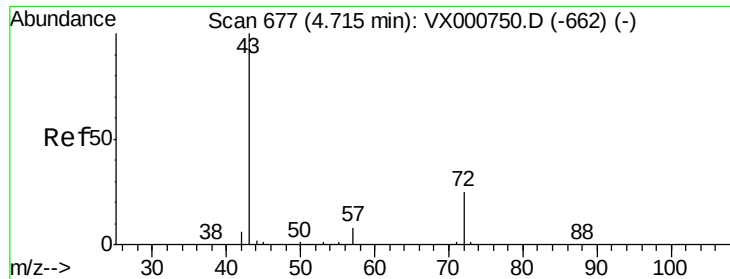
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.6 2.1 6.3





#25

2-Butanone

Concen: 226.59 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

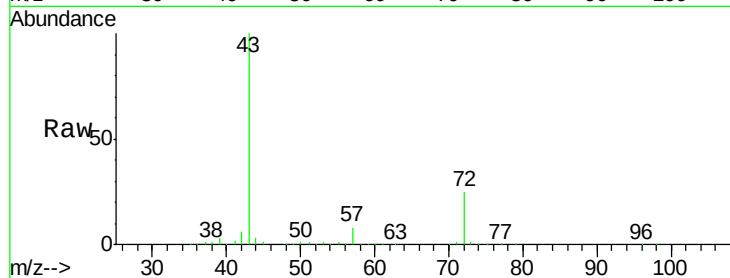
BFB

Tgt Ion: 43 Resp: 448050

Ion Ratio Lower Upper

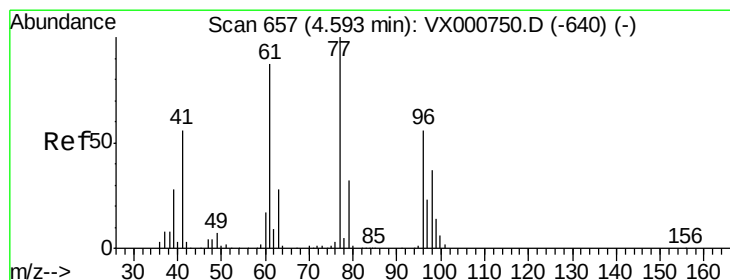
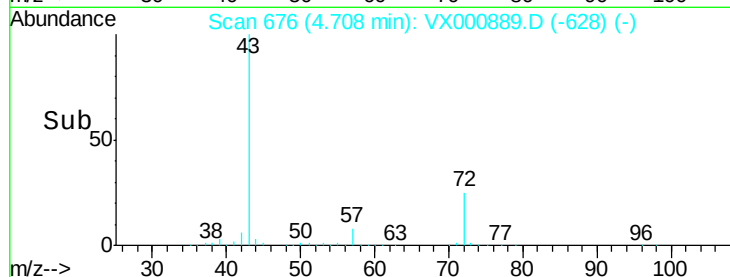
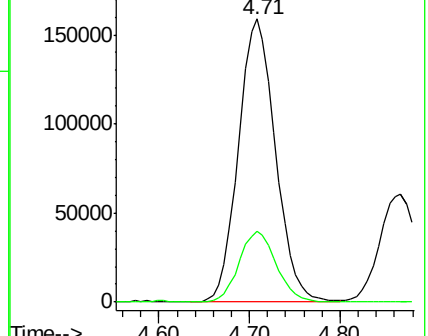
43 100

72 25.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.12 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000889.D

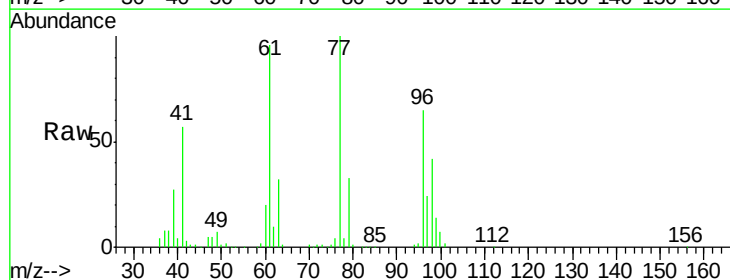
Acq: 15 Apr 2018 11:40

Tgt Ion: 77 Resp: 220636

Ion Ratio Lower Upper

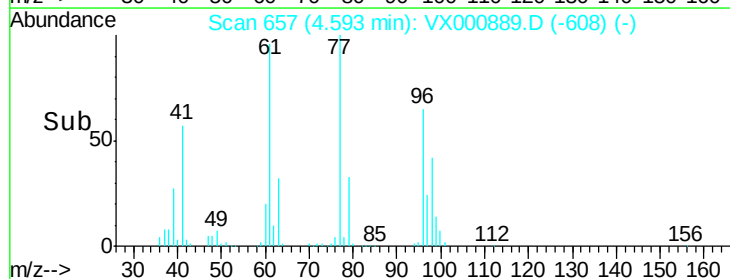
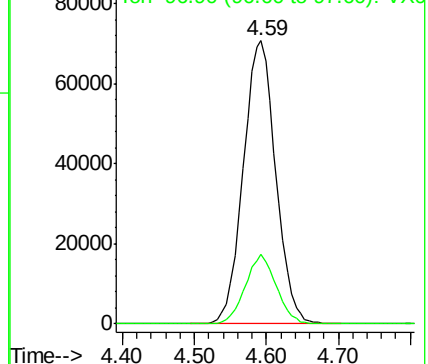
77 100

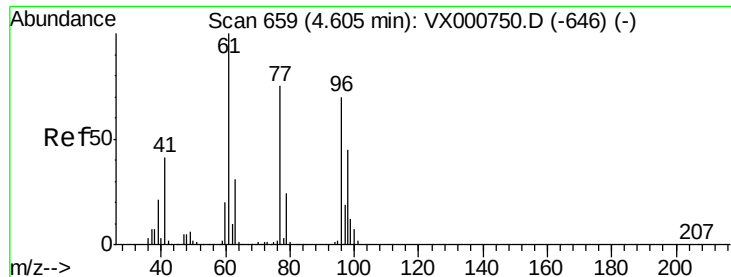
97 23.5 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.31 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

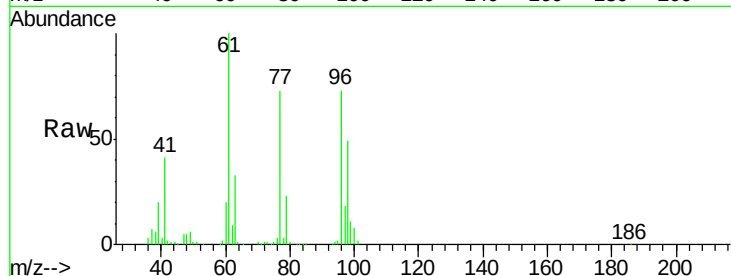
Tgt Ion: 96 Resp: 152811

Ion Ratio Lower Upper

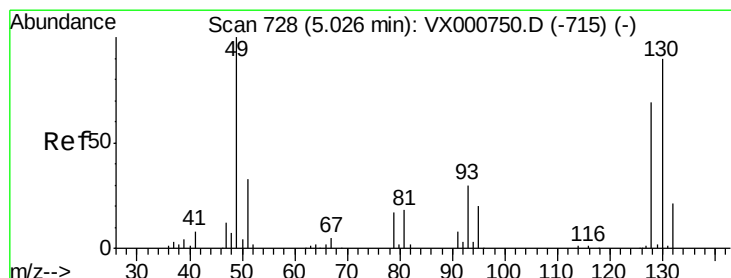
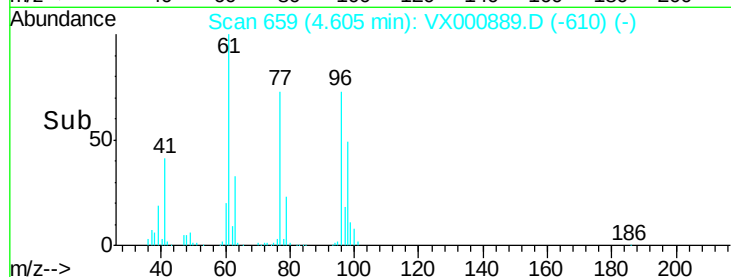
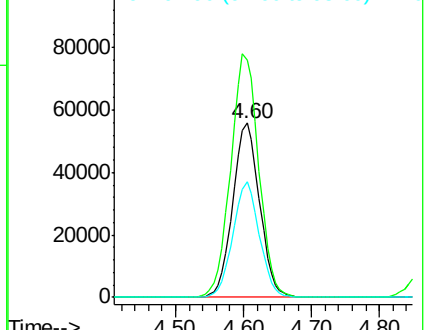
96 100

61 145.7 0.0 292.4

98 65.6 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: 48.84 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

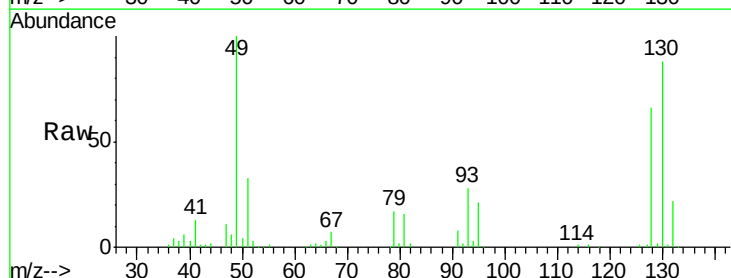
Tgt Ion: 49 Resp: 94785

Ion Ratio Lower Upper

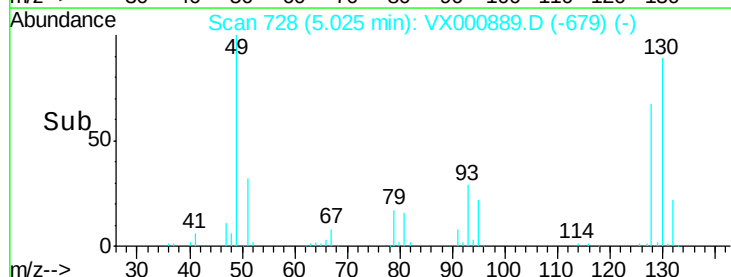
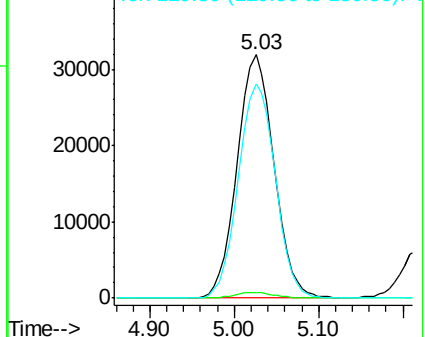
49 100

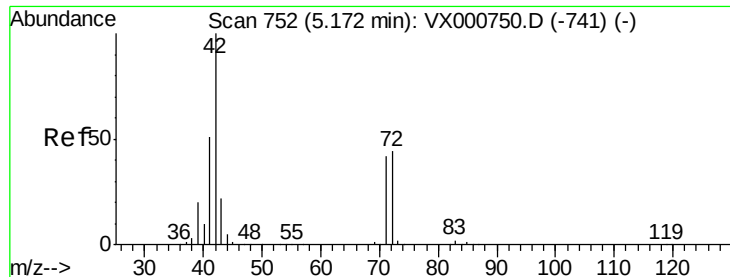
129 2.4 0.0 5.2

130 88.6 72.6 109.0



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: 224.25 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

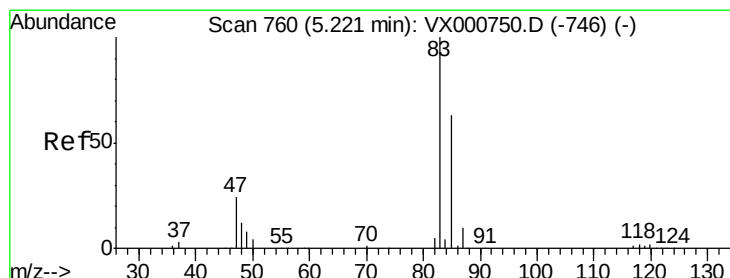
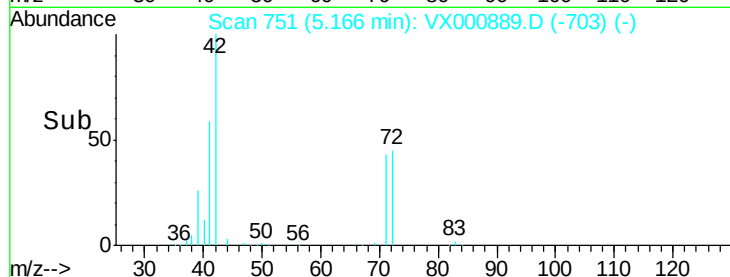
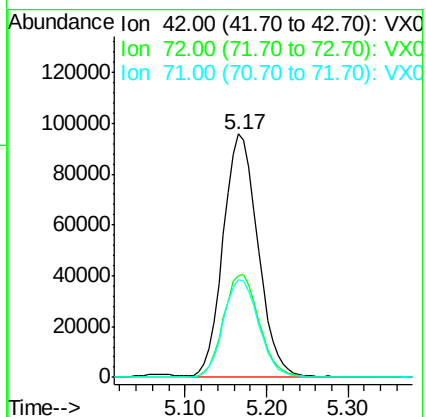
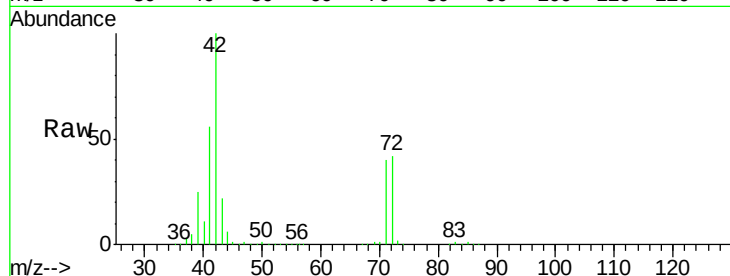
Tgt Ion: 42 Resp: 281552

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

71 41.2 32.8 49.2



#30

Chloroform

Concen: 49.29 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000889.D

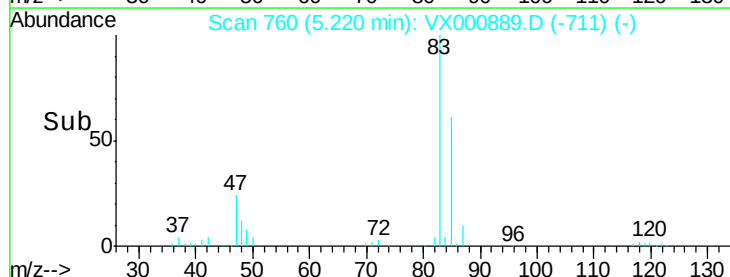
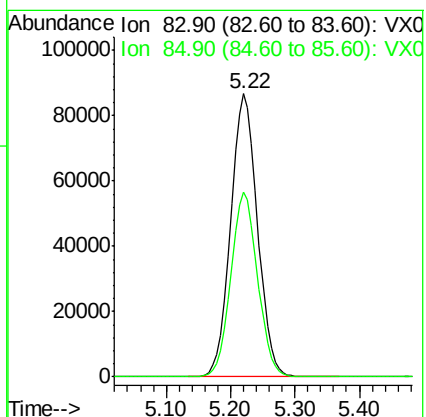
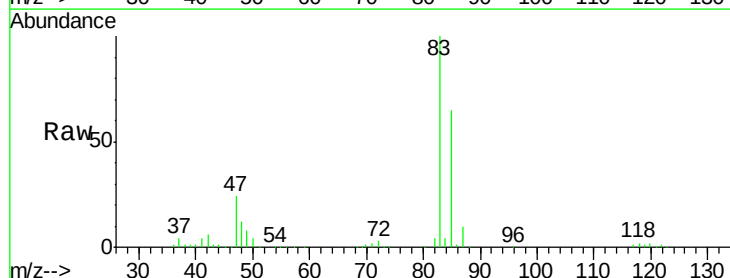
Acq: 15 Apr 2018 11:40

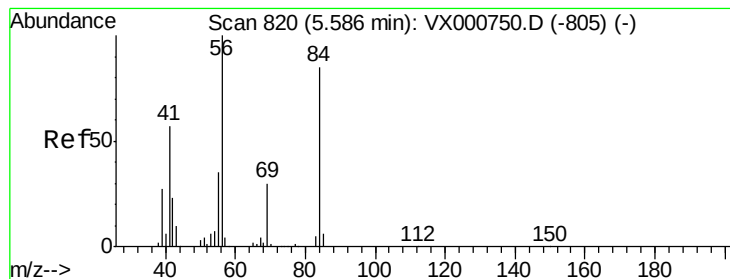
Tgt Ion: 83 Resp: 251501

Ion Ratio Lower Upper

83 100

85 65.3 50.7 76.1





#31

Cyclohexane

Concen: 47.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

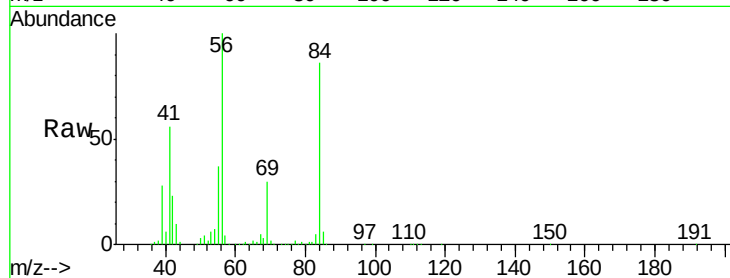
Tgt Ion: 56 Resp: 217387

Ion Ratio Lower Upper

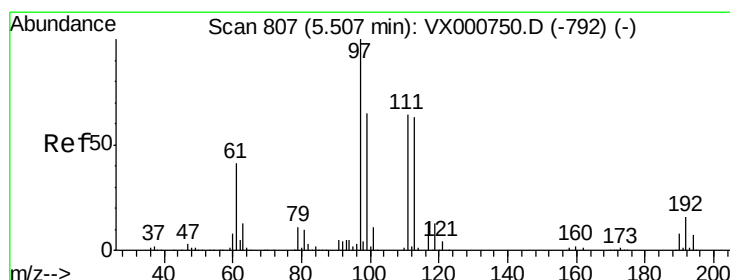
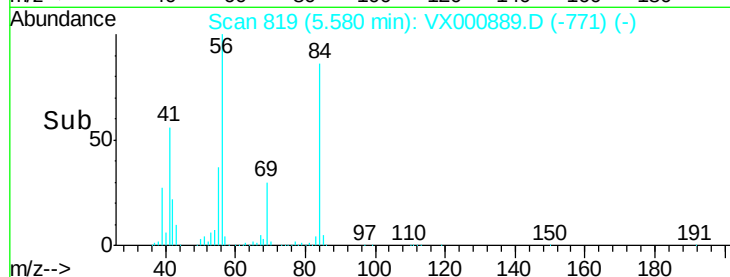
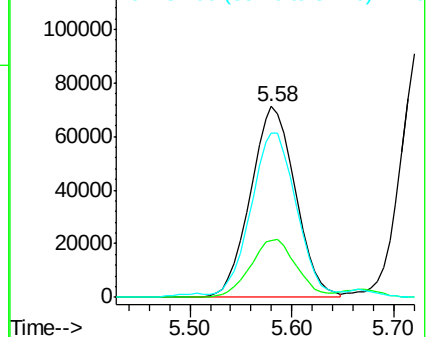
56 100

69 29.9 24.2 36.4

84 84.3 67.6 101.4



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: 47.51 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

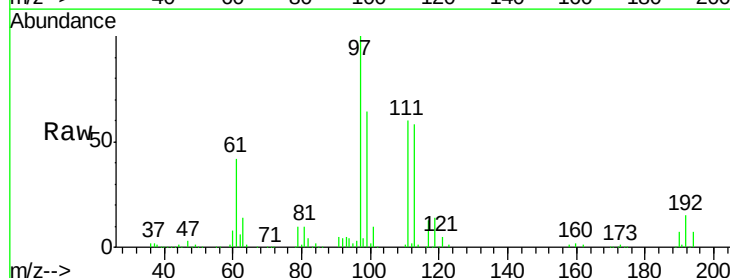
Tgt Ion: 97 Resp: 230983

Ion Ratio Lower Upper

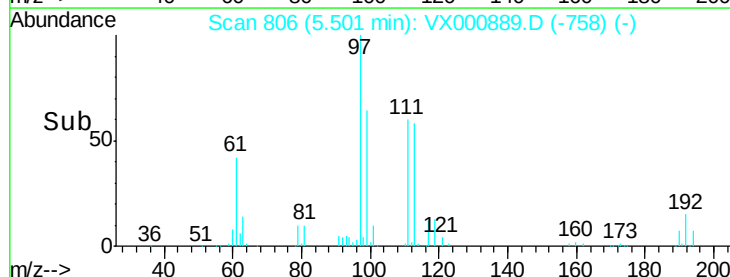
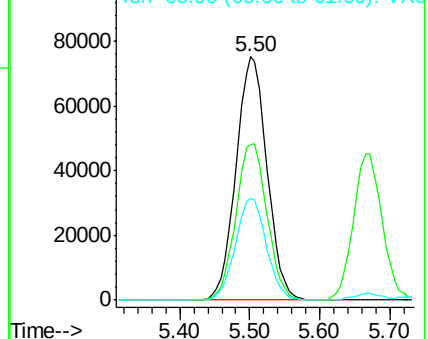
97 100

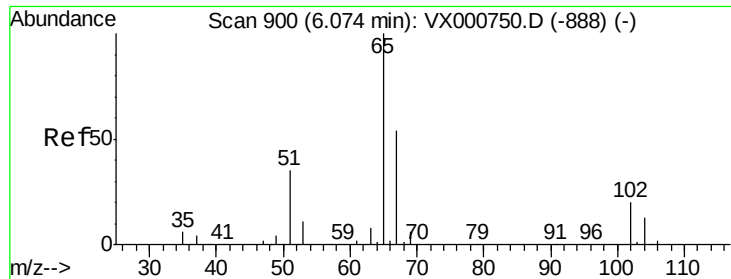
99 64.7 51.4 77.0

61 42.0 33.7 50.5



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

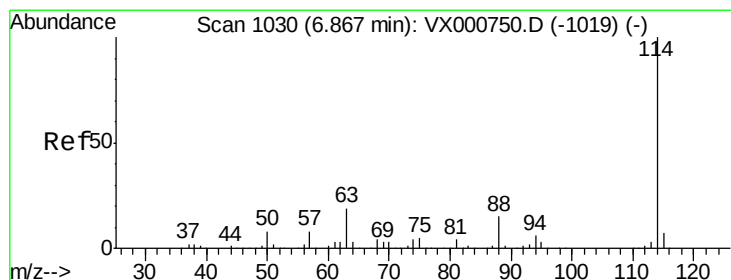
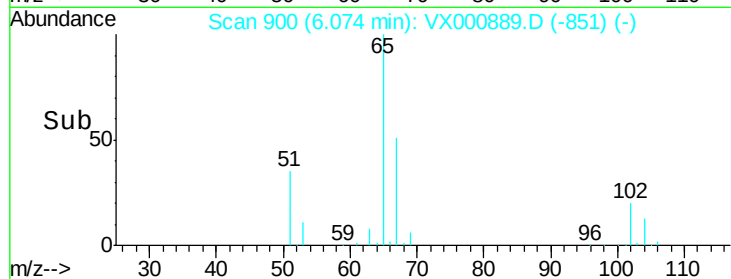
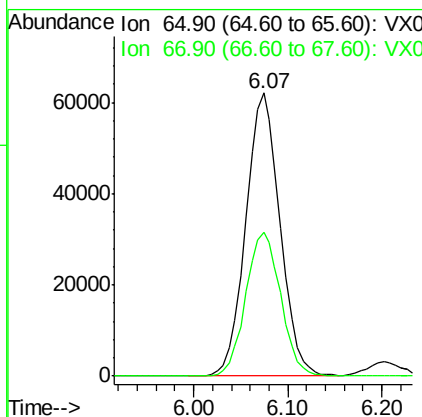
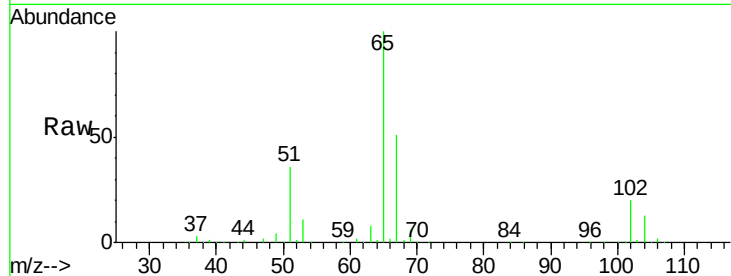




#33
 1,2-Dichloroethane-d4
 Concen: 45.45 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

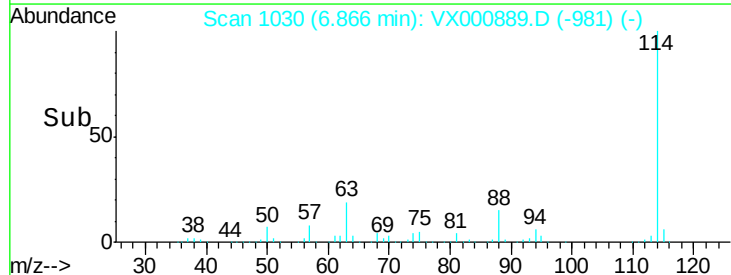
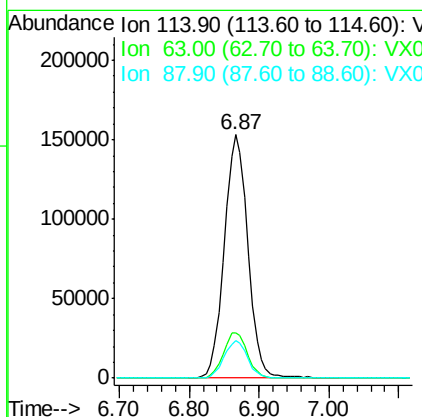
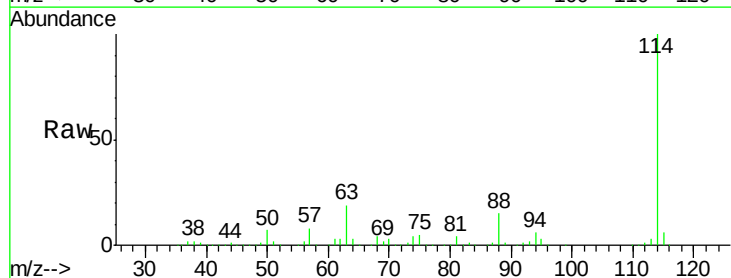
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

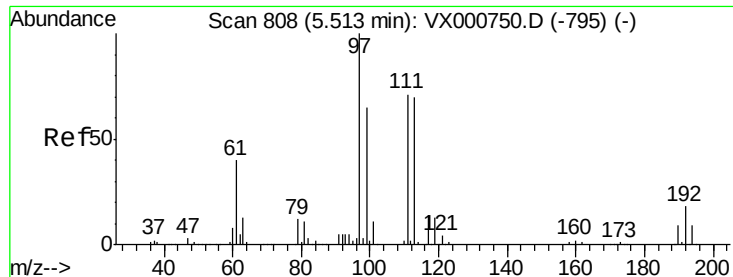
Tgt Ion: 65 Resp: 157833
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 114 Resp: 358754
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.2 0.0 31.0

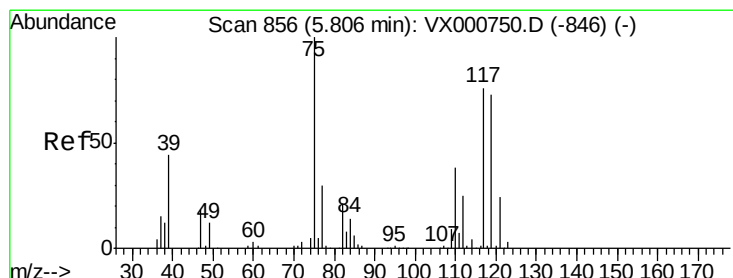
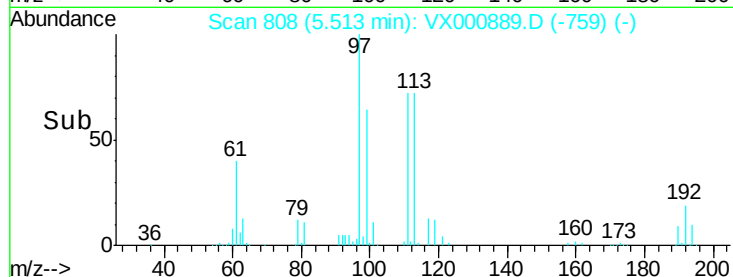
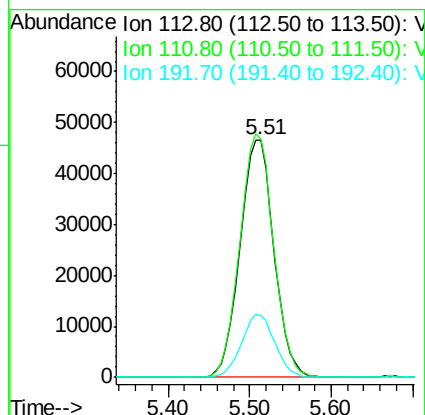
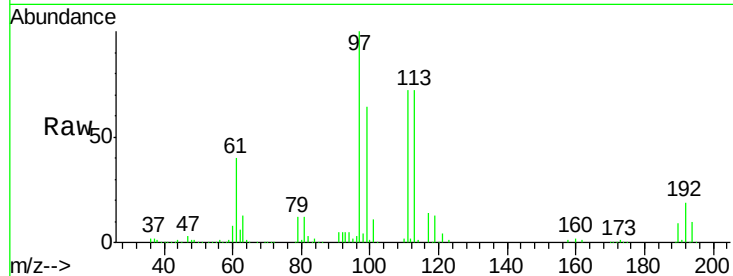




#35
 Dibromofluoromethane
 Concen: 48.64 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

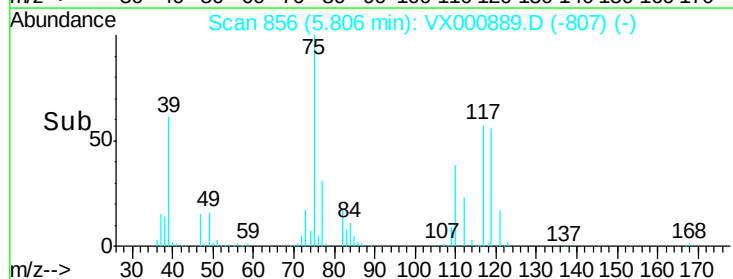
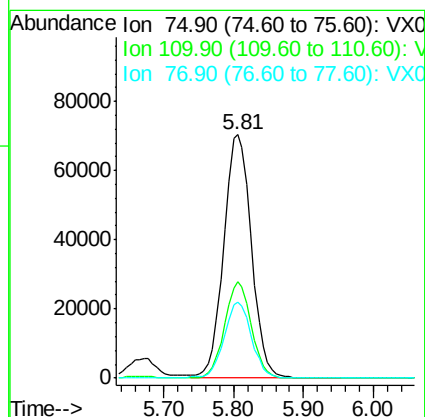
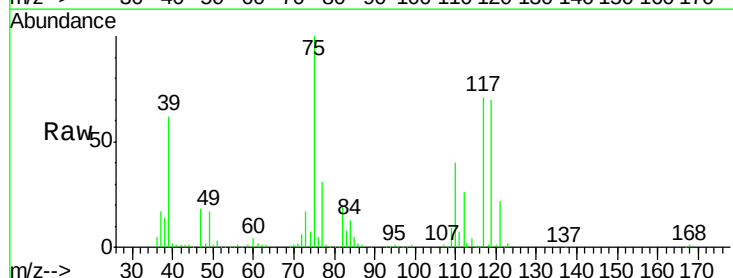
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

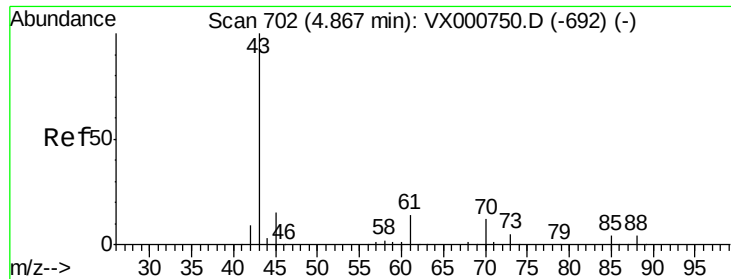
Tgt Ion:113 Resp: 134441
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 26.0 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 48.78 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 75 Resp: 192737
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.2 57.6
 77 31.0 25.4 38.2

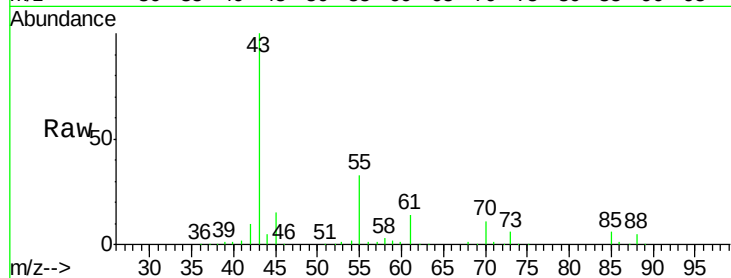




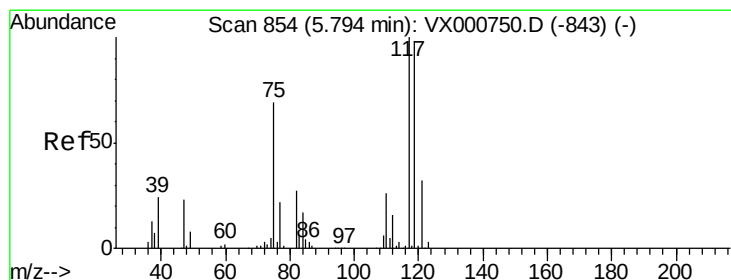
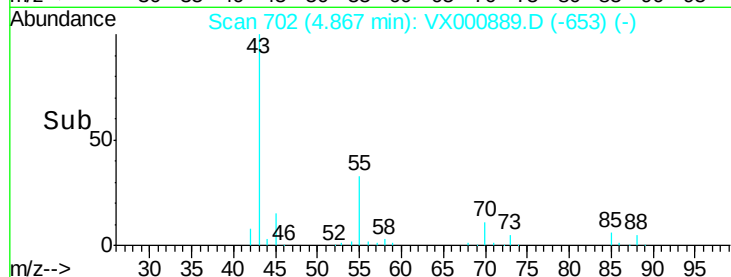
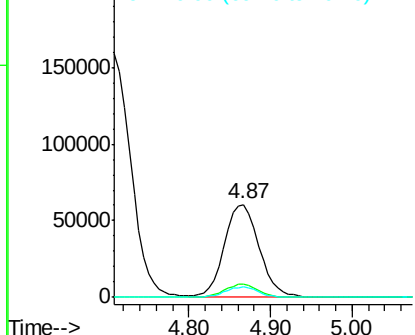
#37
Ethyl Acetate
Concen: 46.21 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 43 Resp: 178226
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 10.7 8.7 13.1

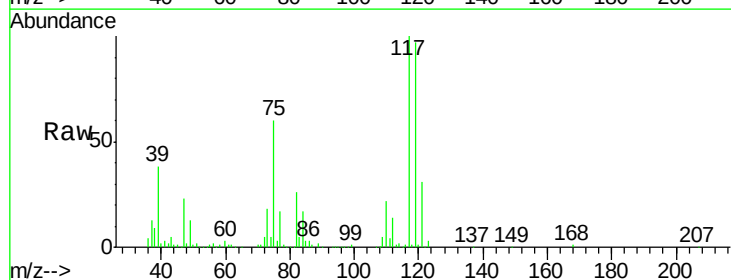


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

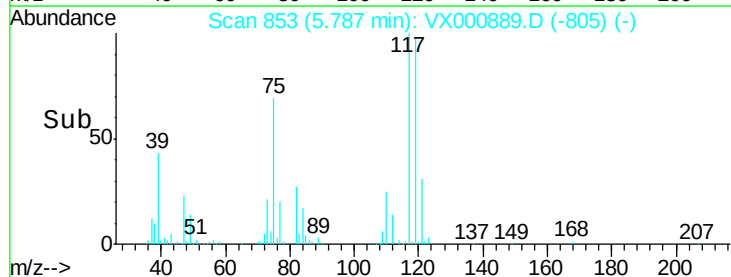
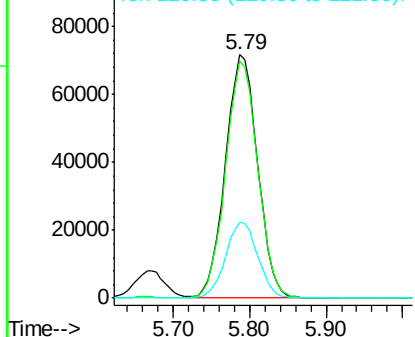


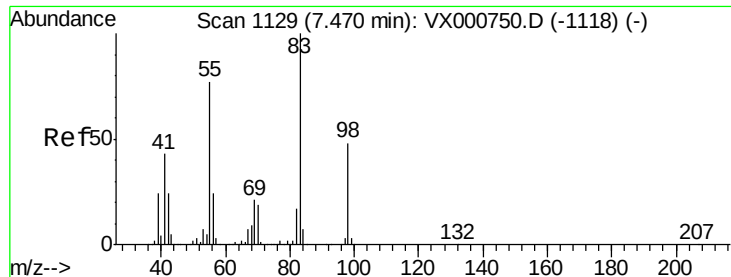
#38
Carbon Tetrachloride
Concen: 47.18 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 117 Resp: 208651
Ion Ratio Lower Upper
117 100
119 97.2 78.4 117.6
121 31.2 25.4 38.0



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

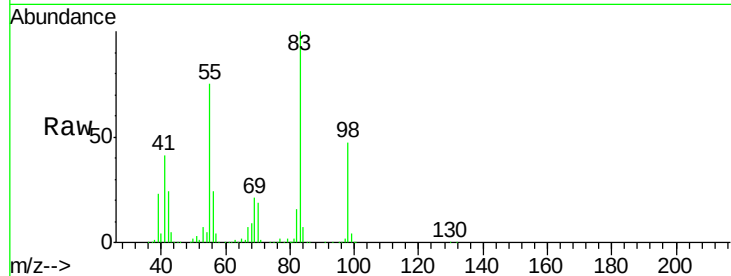




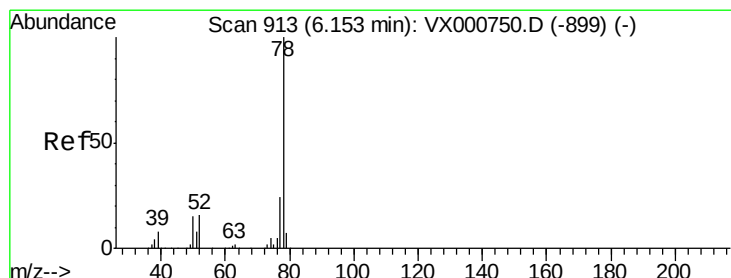
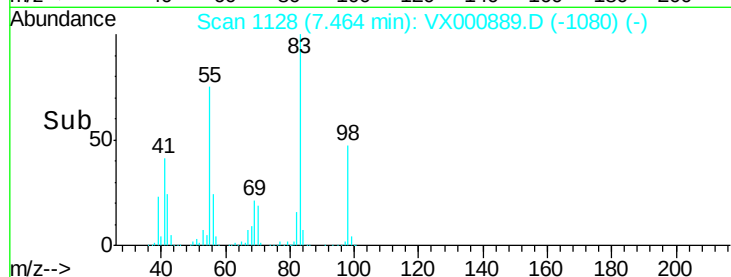
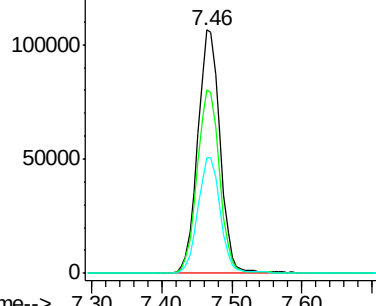
#39
Methylcyclohexane
Concen: 49.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 83 Resp: 236606
Ion Ratio Lower Upper
83 100
55 75.0 61.5 92.3
98 47.3 38.1 57.1

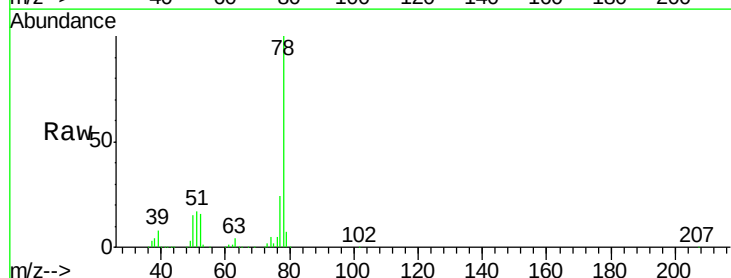


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

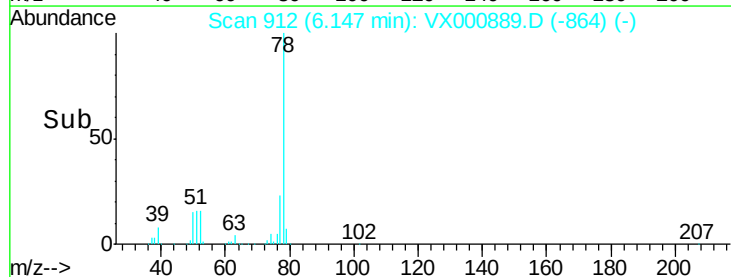
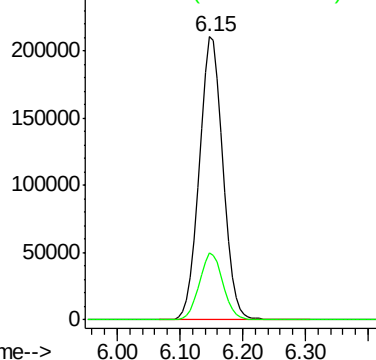


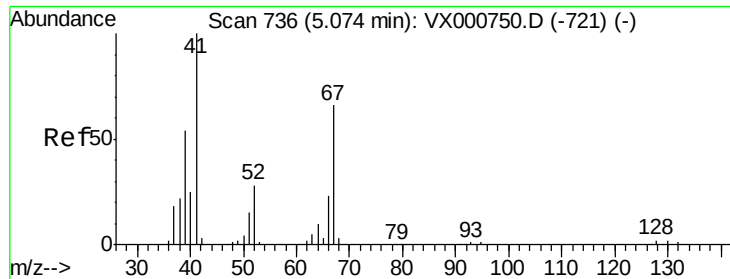
#40
Benzene
Concen: 50.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 78 Resp: 549036
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

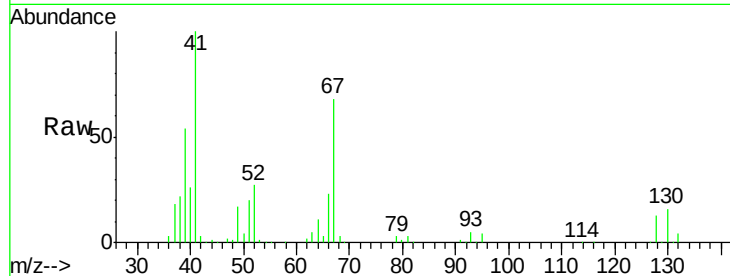




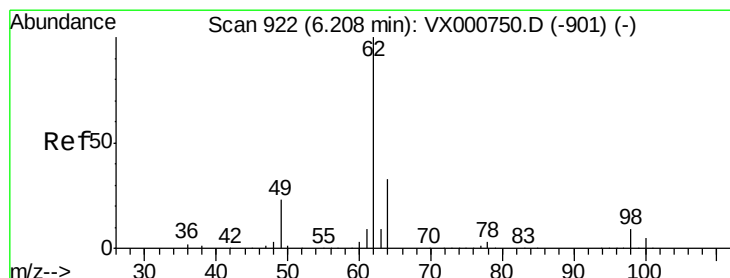
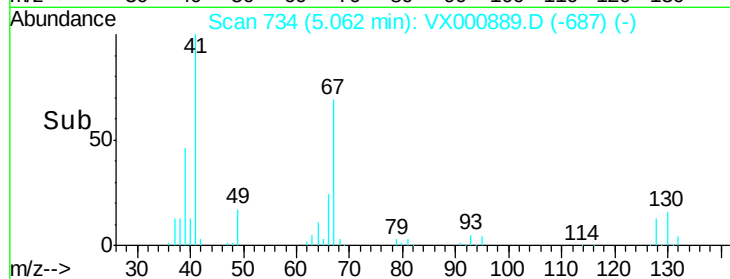
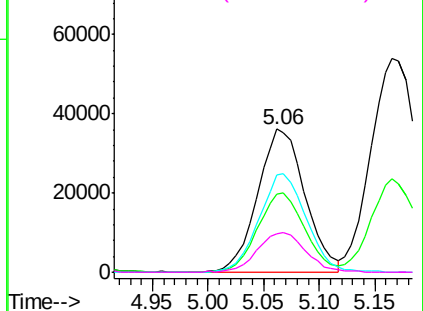
#41
Methacrylonitrile
Concen: 47.88 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:	41	Resp:	106688
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.9	67.3
67	69.2	54.7	82.1
52	28.0	23.0	34.6

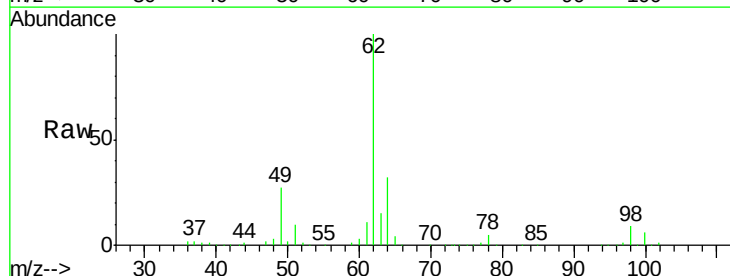


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

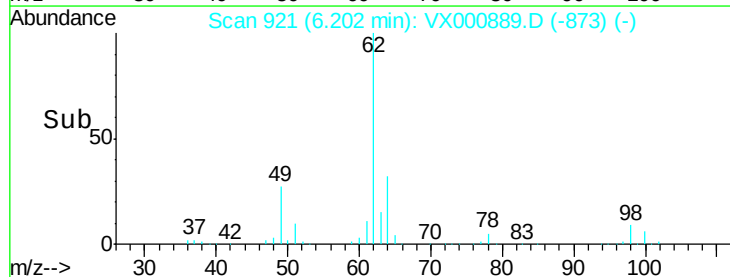
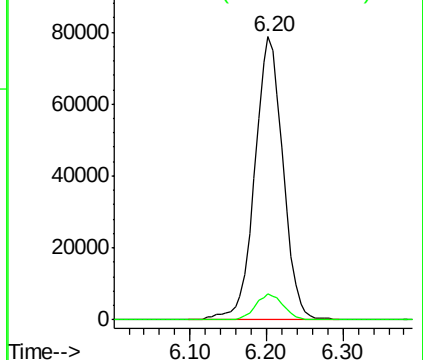


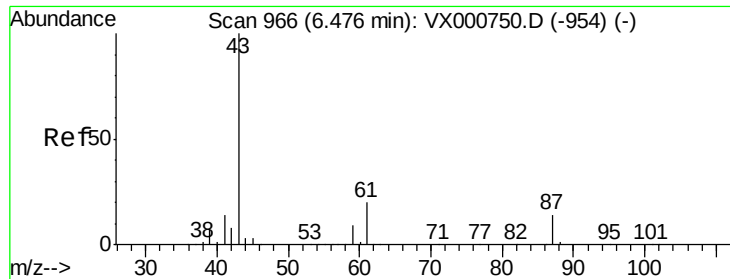
#42
1,2-Dichloroethane
Concen: 49.35 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:	62	Resp:	202340
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 46.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

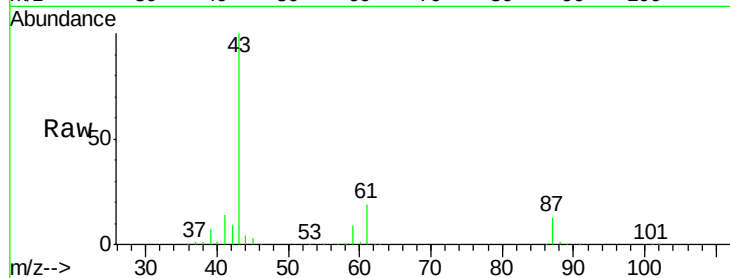
Tgt Ion: 43 Resp: 309467

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

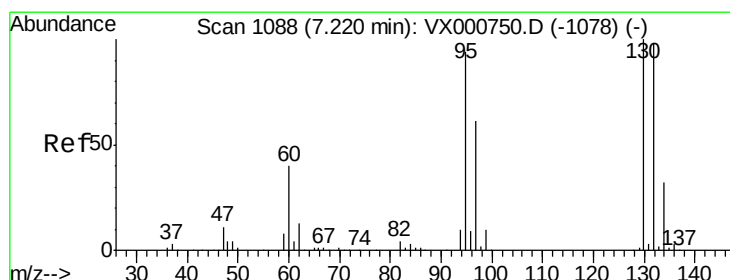
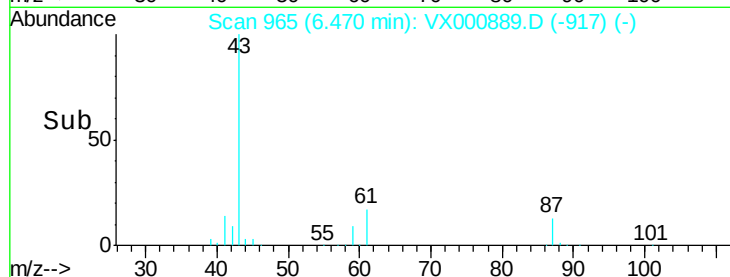
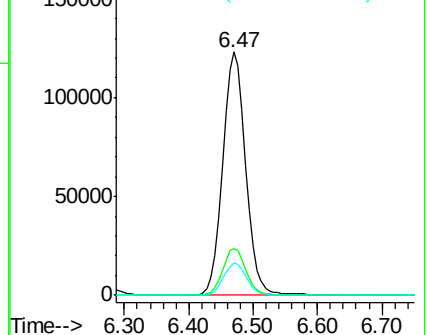
87 13.4 10.7 16.1



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: 49.28 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000889.D

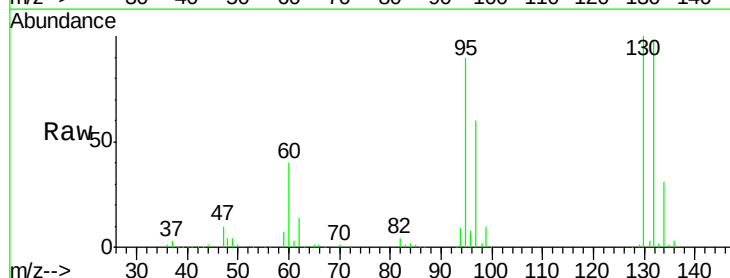
Acq: 15 Apr 2018 11:40

Tgt Ion: 130 Resp: 168271

Ion Ratio Lower Upper

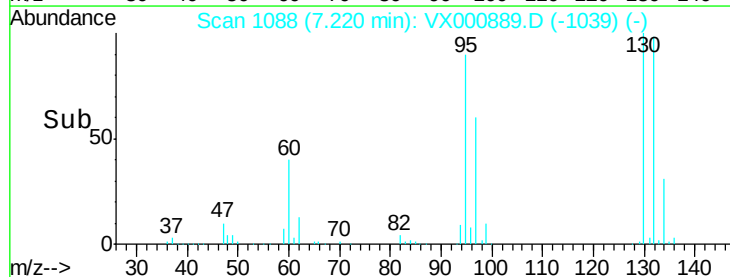
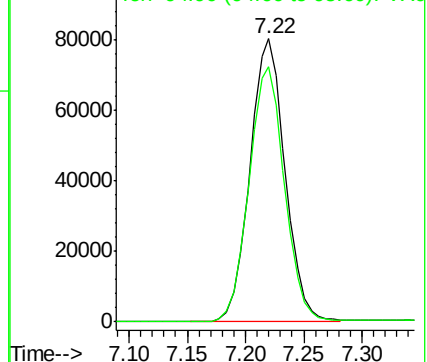
130 100

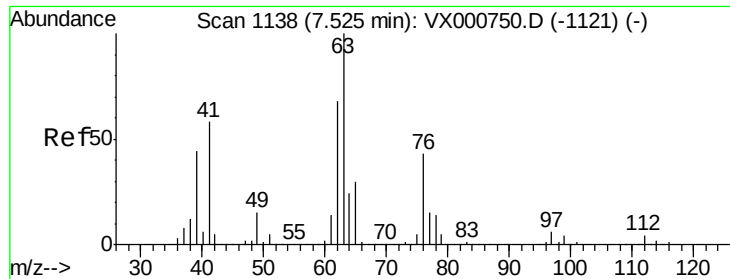
95 90.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

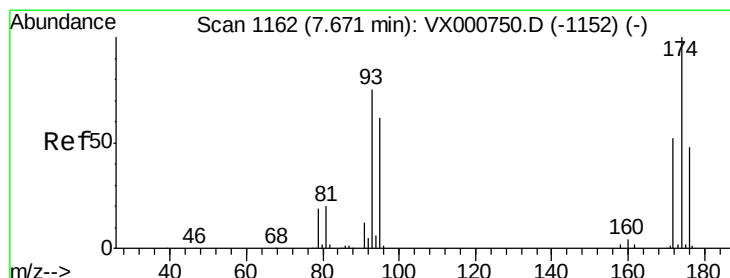
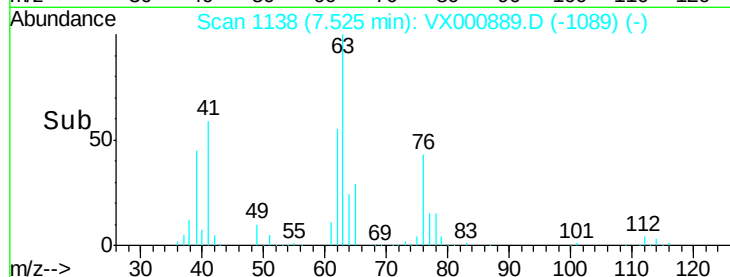
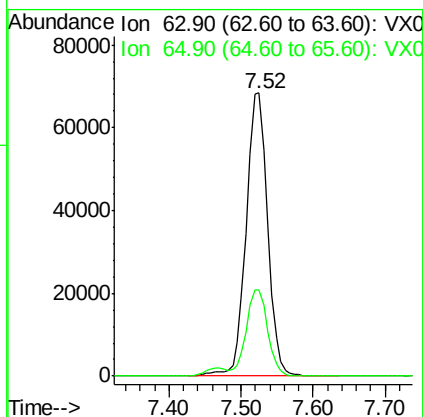
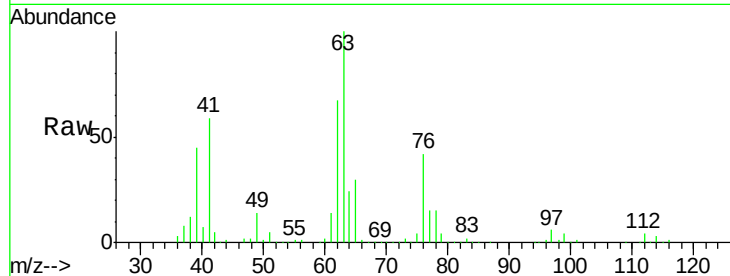




#45
 1,2-Dichloropropane
 Concen: 50.75 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

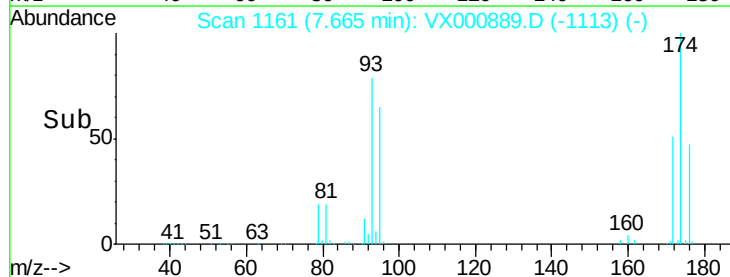
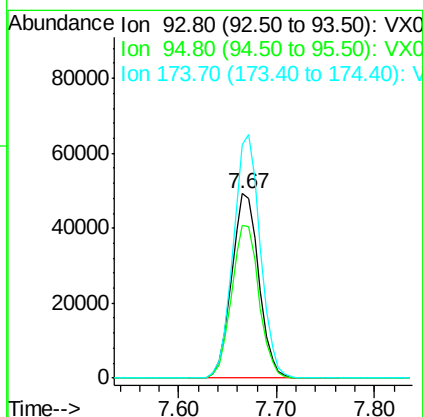
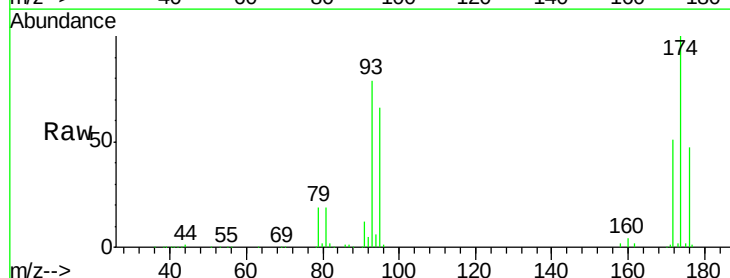
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

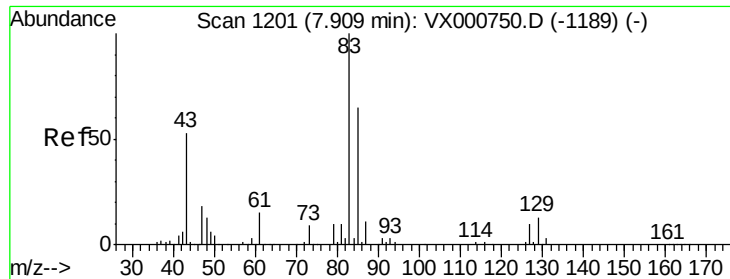
Tgt Ion: 63 Resp: 141874
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.7 35.5



#46
 Dibromomethane
 Concen: 48.75 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 93 Resp: 95018
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 130.6 104.5 156.7





#47

Bromodichloromethane

Concen: 48.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

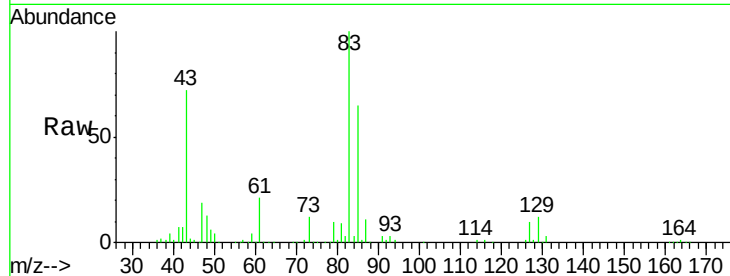
Tgt Ion: 83 Resp: 191416

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

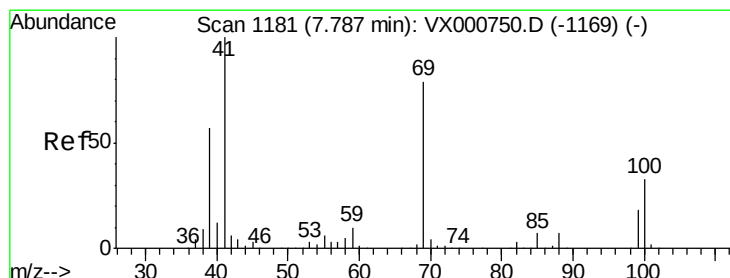
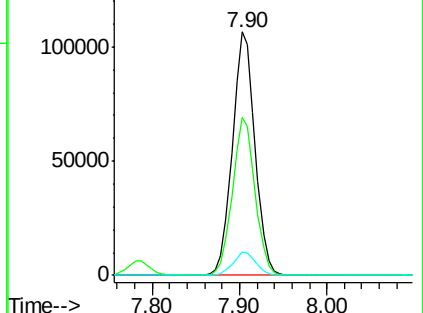
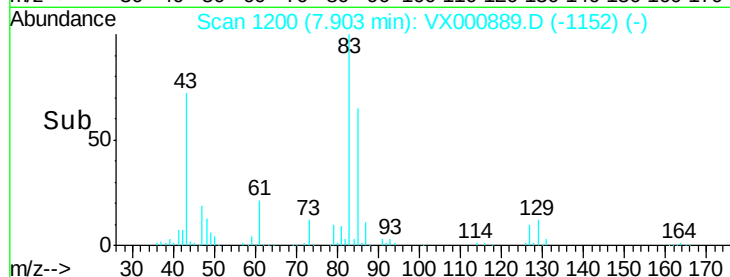
127 9.5 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.95 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

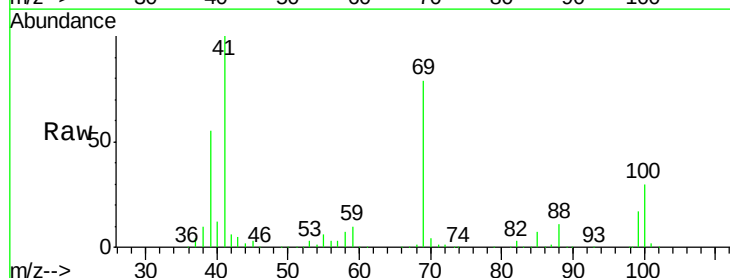
Tgt Ion: 41 Resp: 164347

Ion Ratio Lower Upper

41 100

69 80.1 63.9 95.9

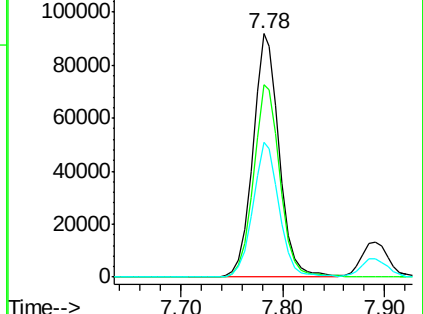
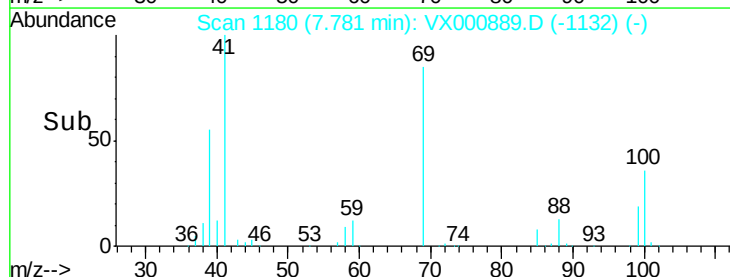
39 55.4 45.9 68.9

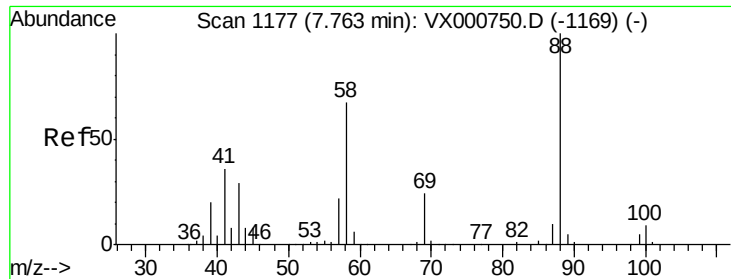


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

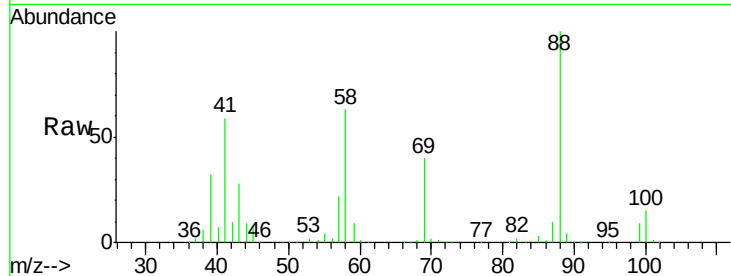




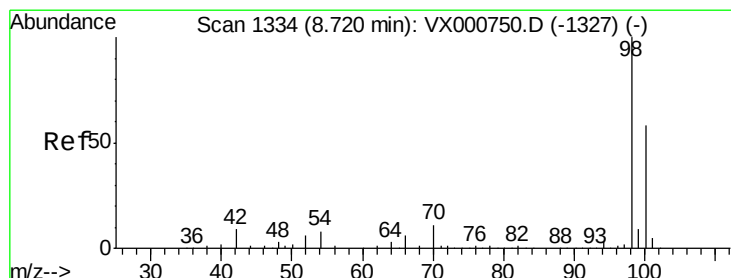
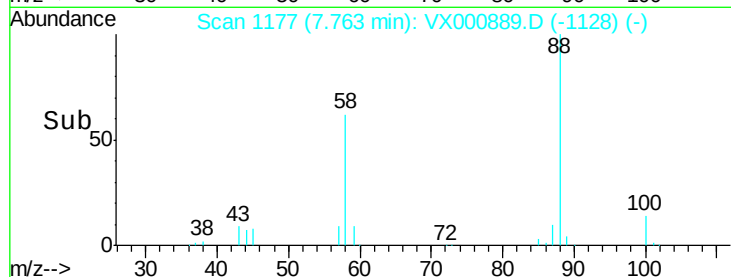
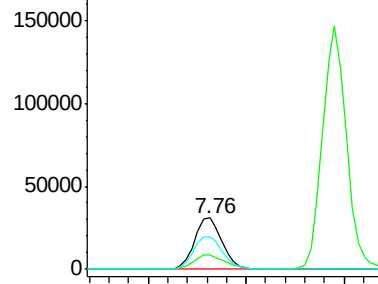
#49
1,4-Dioxane
Concen: 883.98 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 60892
Ion Ratio Lower Upper
88 100
43 32.3 25.8 38.8
58 67.6 54.4 81.6

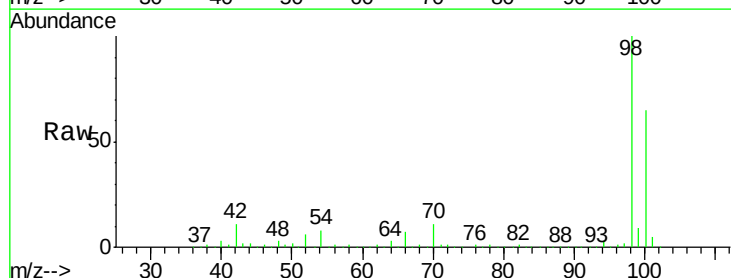


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

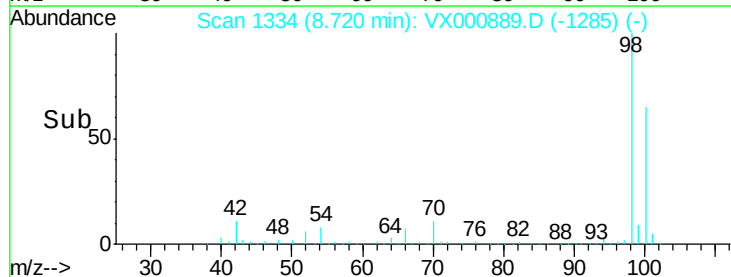
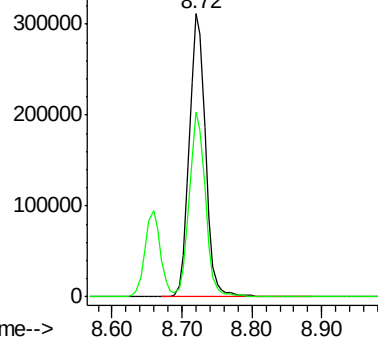


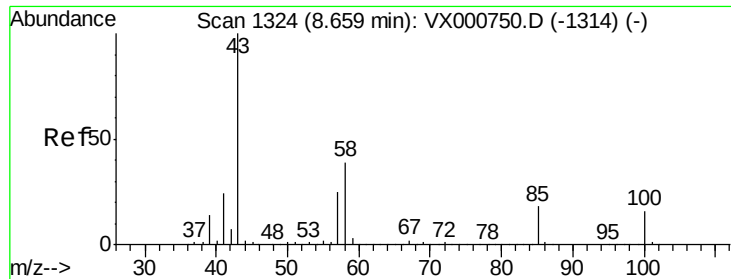
#50
Toluene-d8
Concen: 48.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 98 Resp: 501568
Ion Ratio Lower Upper
98 100
100 65.2 52.6 79.0



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





#51

4-Methyl-2-Pentanone

Concen: 239.69 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

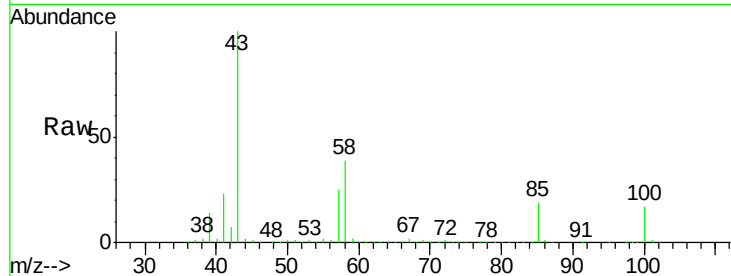
BFB

Tgt Ion: 43 Resp: 931064

Ion Ratio Lower Upper

43 100

58 38.1 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

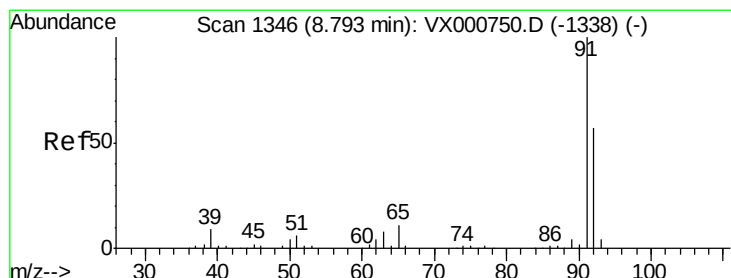
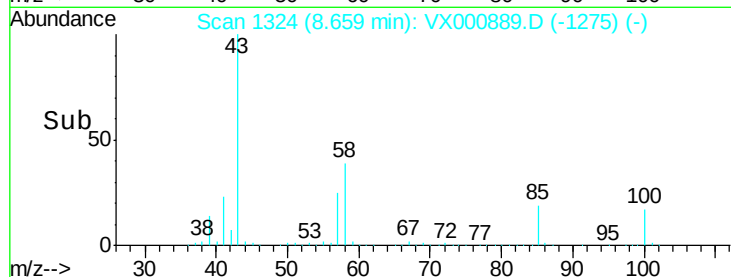
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.90 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000889.D

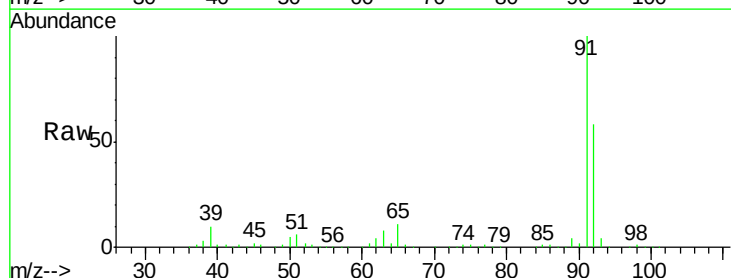
Acq: 15 Apr 2018 11:40

Tgt Ion: 92 Resp: 363403

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

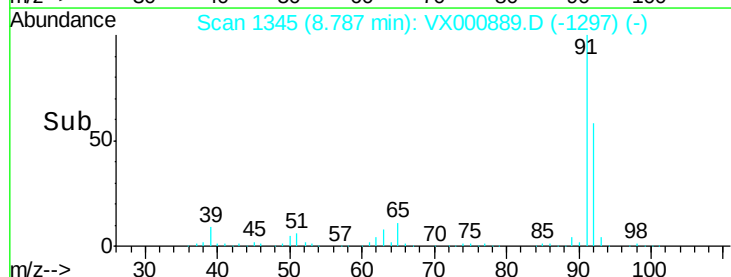
300000

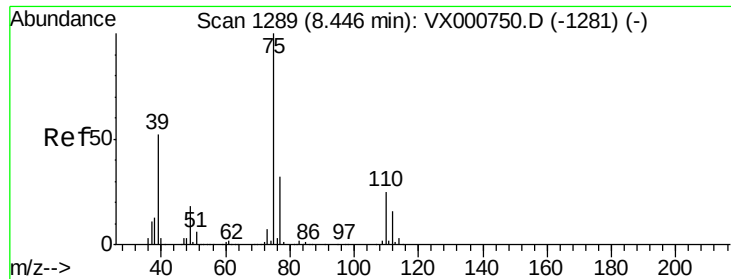
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.59 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

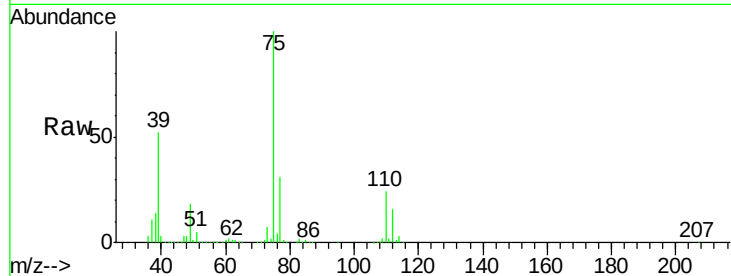
BFB

Tgt Ion: 75 Resp: 233998

Ion Ratio Lower Upper

75 100

77 31.0 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

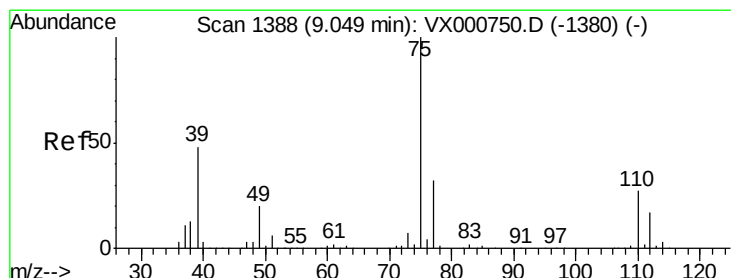
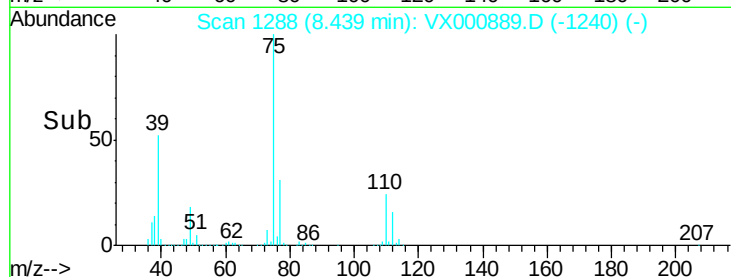
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.47 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

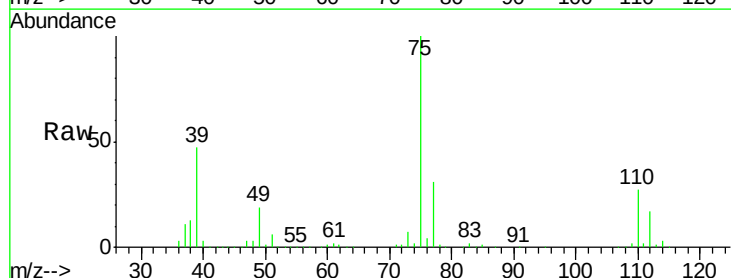
Tgt Ion: 75 Resp: 222716

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 46.7 38.6 58.0



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

9.05

200000

150000

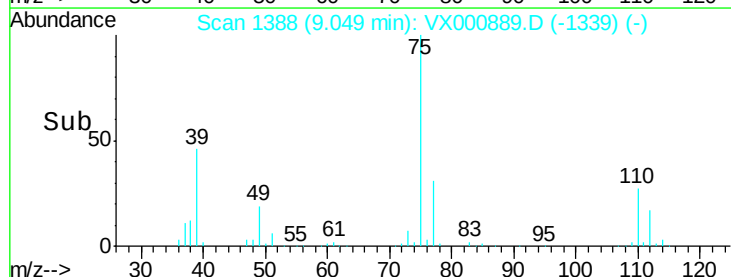
100000

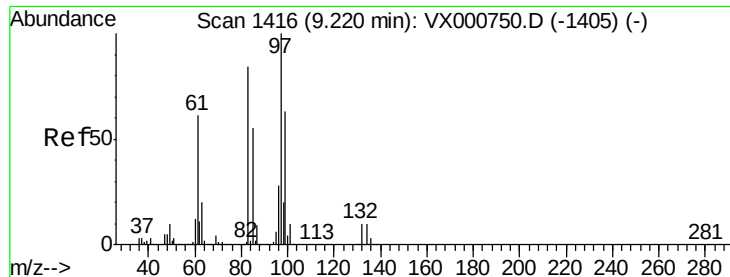
50000

0

8.95 9.00 9.05 9.10 9.15

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.59 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

Tgt Ion: 97 Resp: 143392

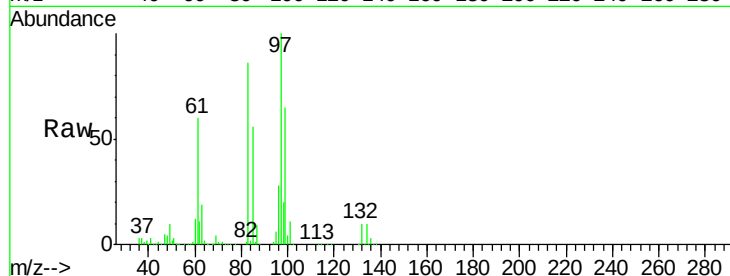
Ion Ratio Lower Upper

97 100

83 85.6 67.6 101.4

85 55.6 43.8 65.6

99 64.7 50.2 75.4

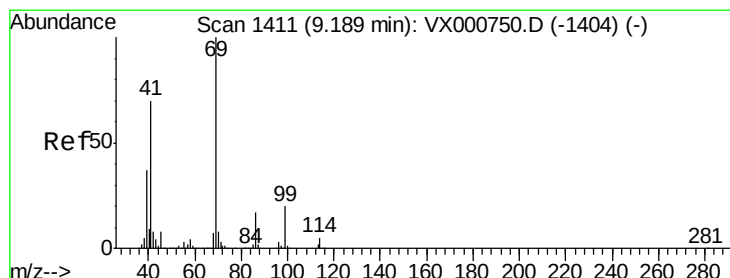
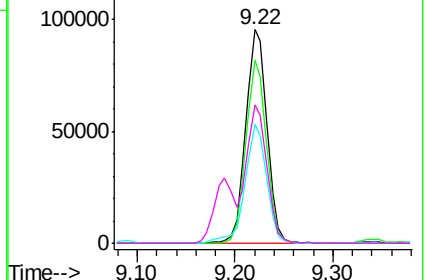
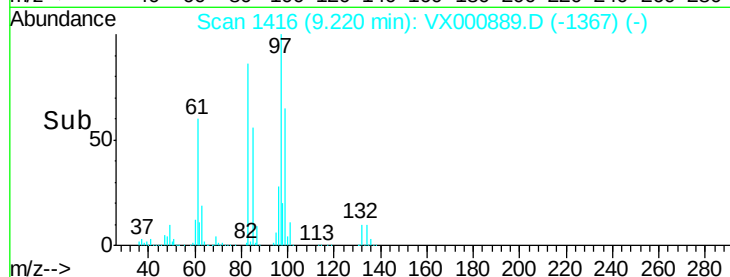


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 48.61 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

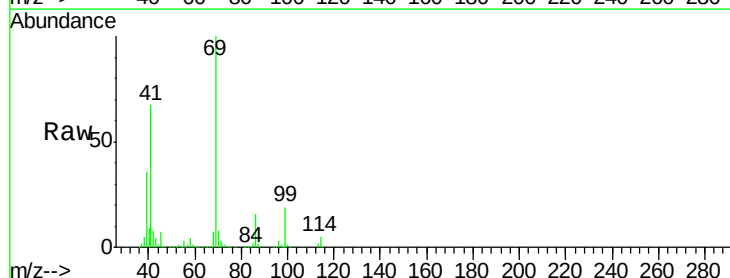
Tgt Ion: 69 Resp: 216797

Ion Ratio Lower Upper

69 100

41 68.8 55.6 83.4

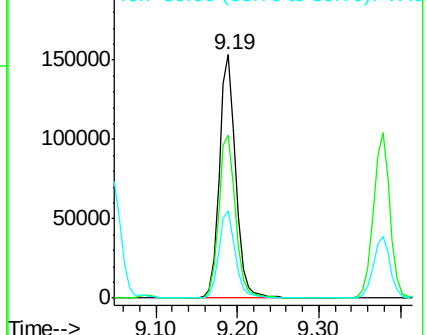
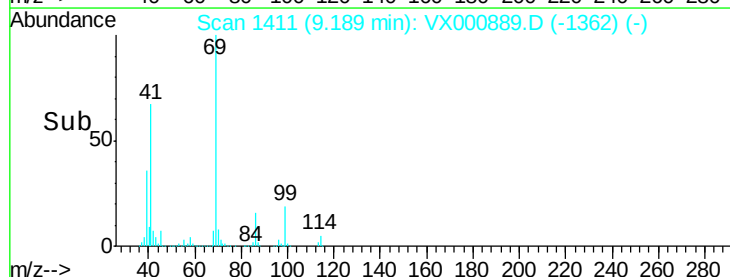
39 36.3 30.3 45.5

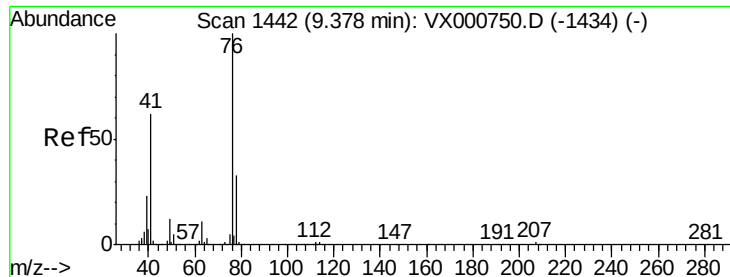


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.12 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

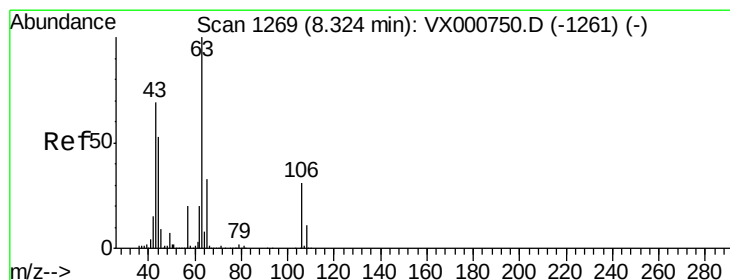
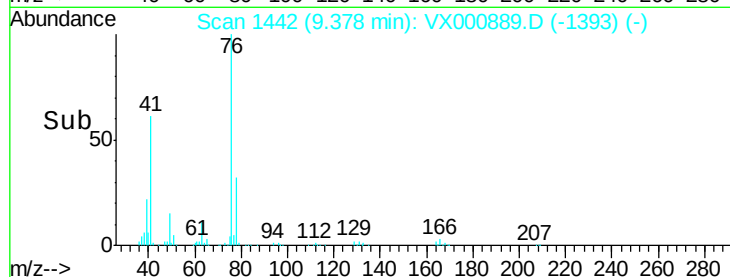
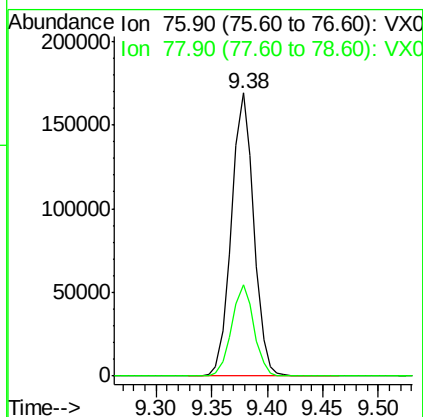
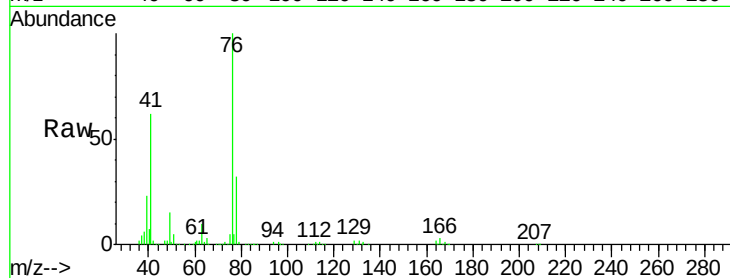
BFB

Tgt Ion: 76 Resp: 234966

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 230.71 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000889.D

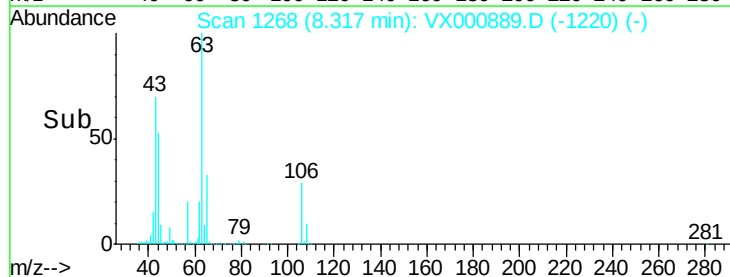
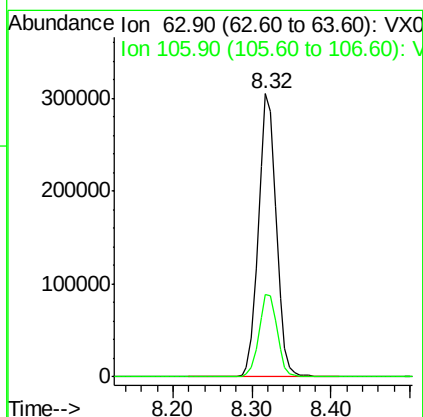
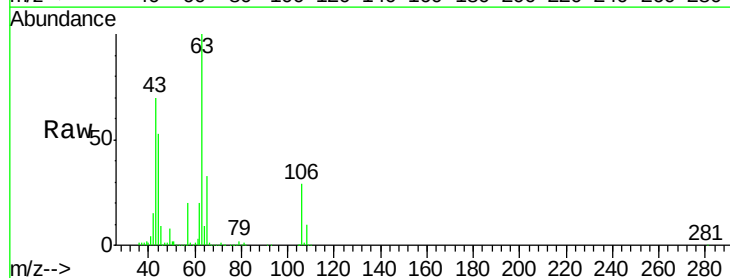
Acq: 15 Apr 2018 11:40

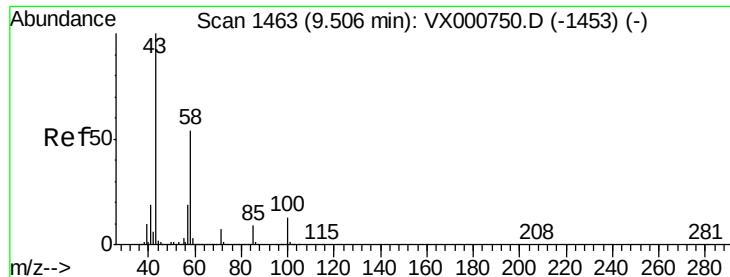
Tgt Ion: 63 Resp: 480782

Ion Ratio Lower Upper

63 100

106 30.0 24.3 36.5

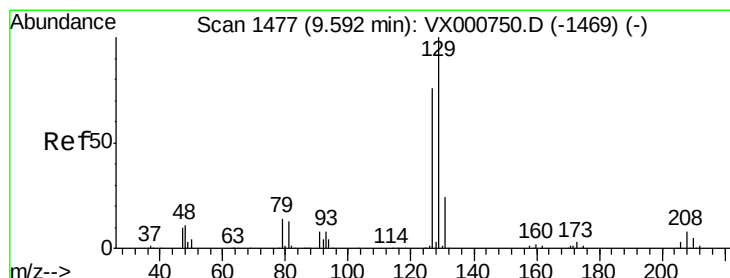
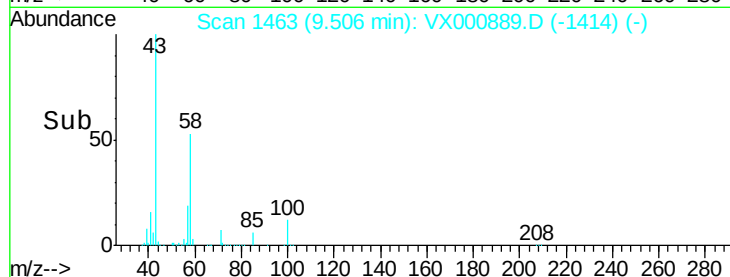
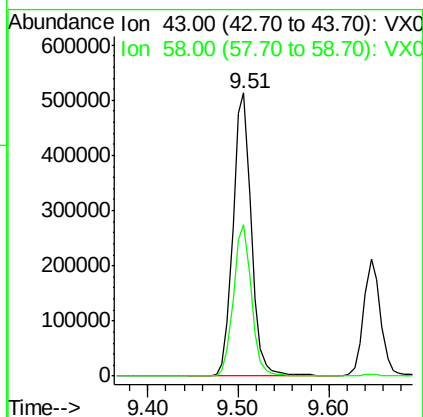
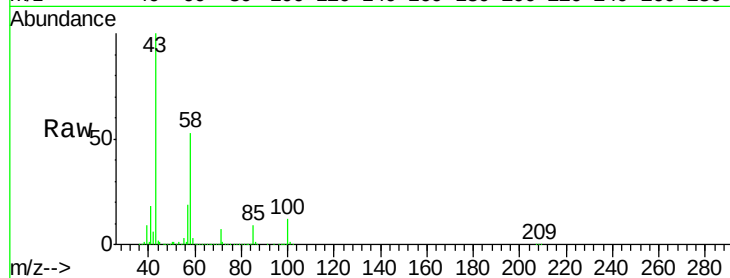




#59
2-Hexanone
Concen: 238.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

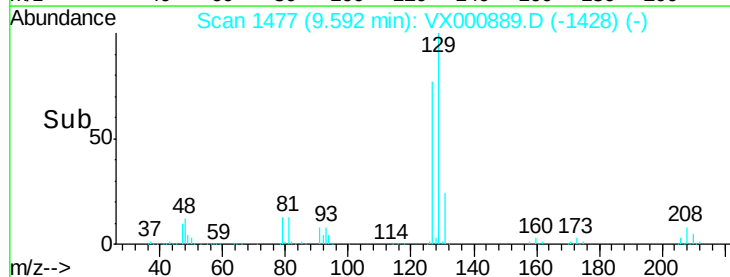
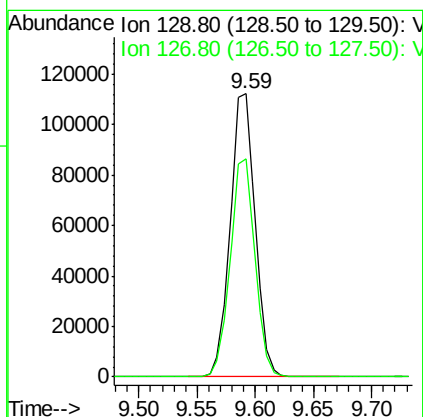
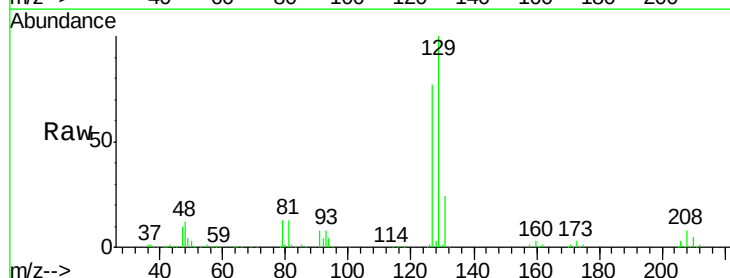
Instrument :
MSVOA_X
ClientSampled :
BFB

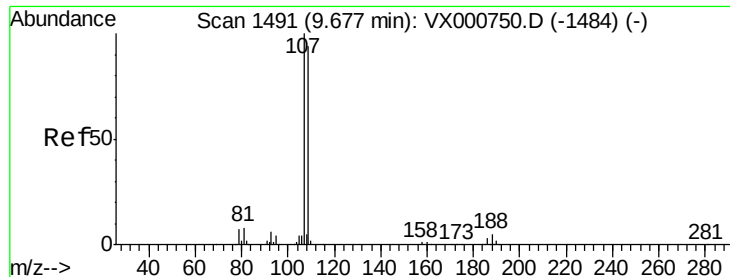
Tgt Ion: 43 Resp: 715864
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5



#60
Dibromochloromethane
Concen: 48.50 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 129 Resp: 167790
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

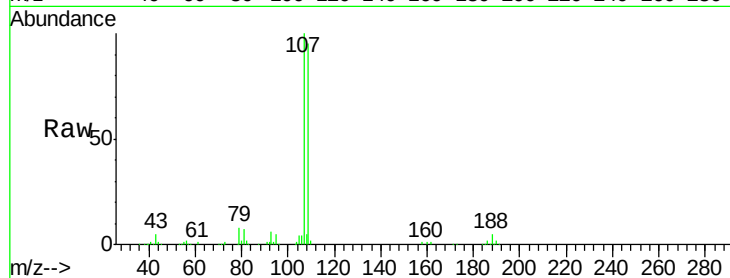
BFB

Tgt Ion: 107 Resp: 151459

Ion Ratio Lower Upper

107 100

109 95.9 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

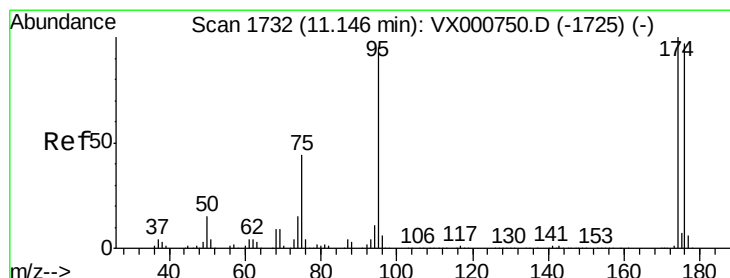
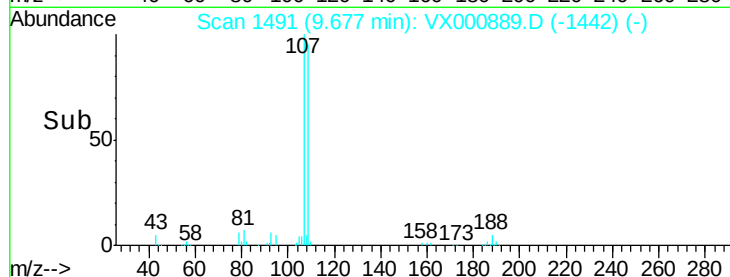
60000

40000

20000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

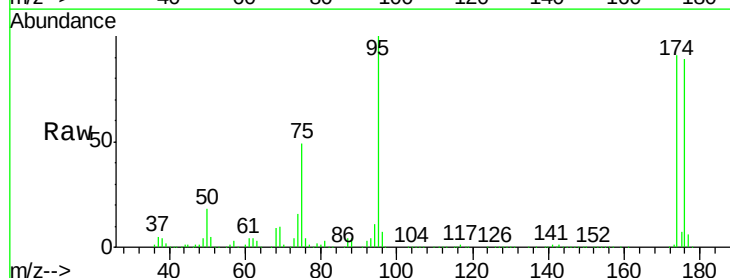
Tgt Ion: 95 Resp: 202170

Ion Ratio Lower Upper

95 100

174 99.6 0.0 198.4

176 97.6 0.0 194.4



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

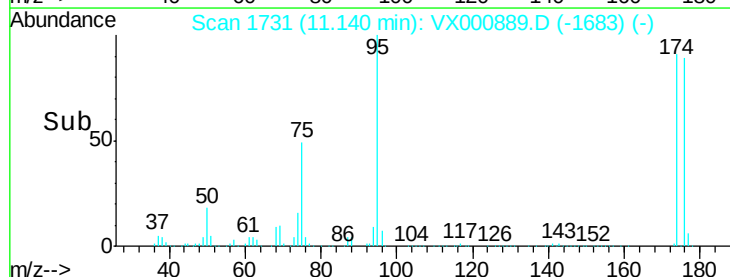
150000

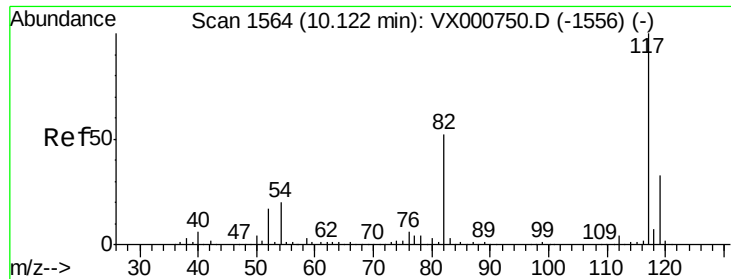
100000

50000

0

Time--> 11.10 11.20

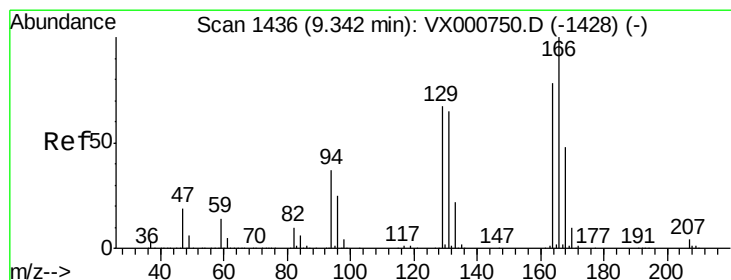
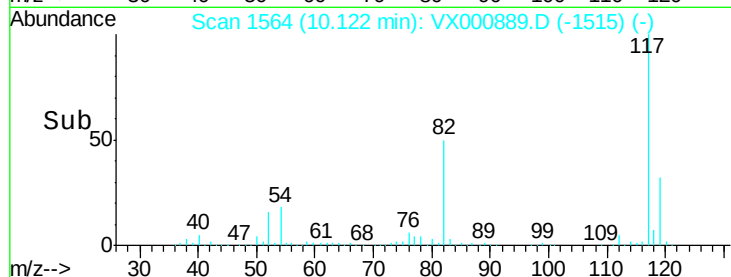
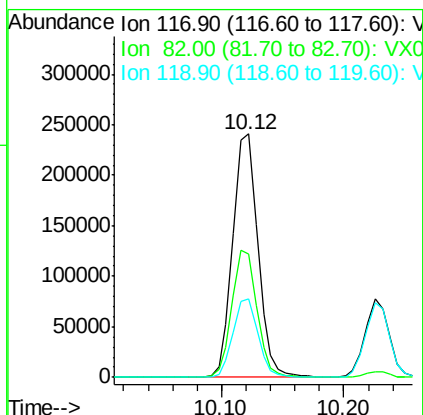
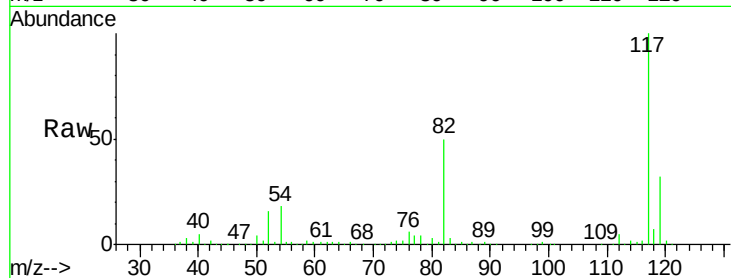




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

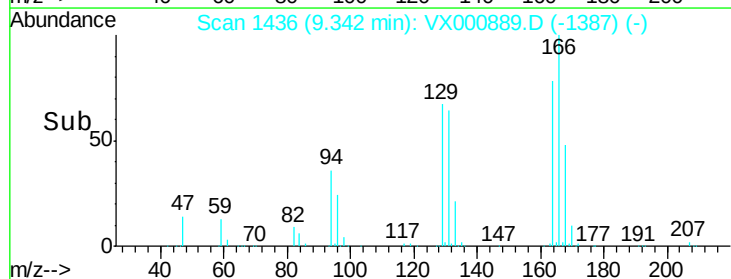
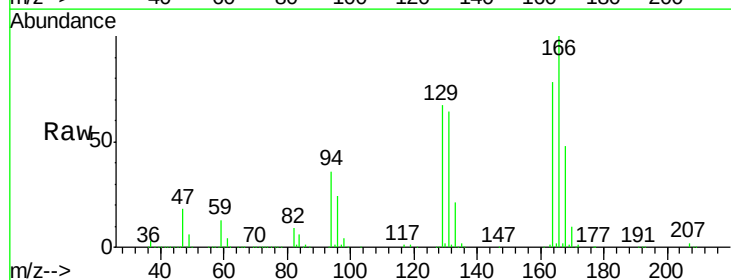
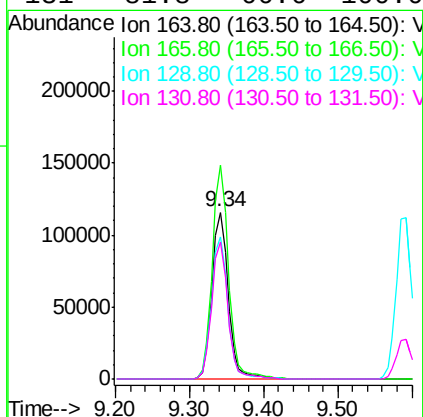
Instrument :
MSVOA_X
ClientSampled :
BFB

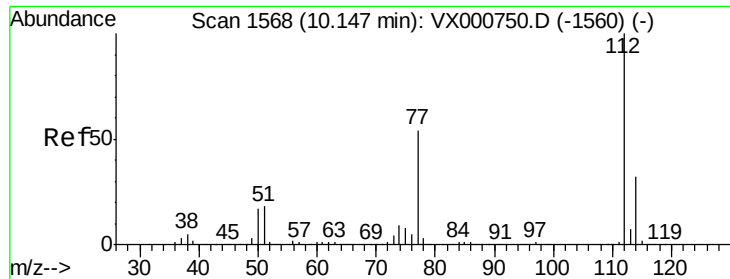
Tgt Ion:117 Resp: 343165
Ion Ratio Lower Upper
117 100
82 50.4 41.9 62.9
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 52.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:164 Resp: 175068
Ion Ratio Lower Upper
164 100
166 127.9 102.8 154.2
129 85.2 68.5 102.7
131 81.8 66.6 100.0

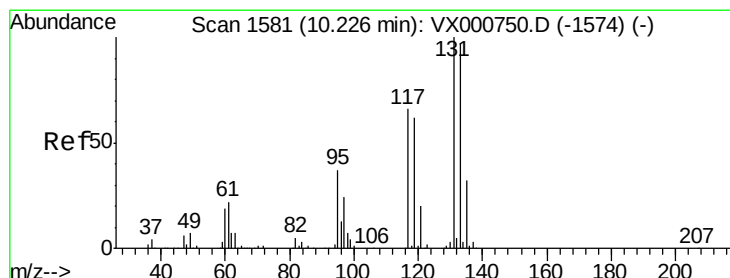
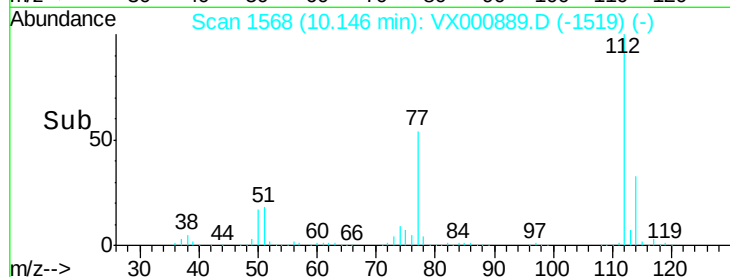
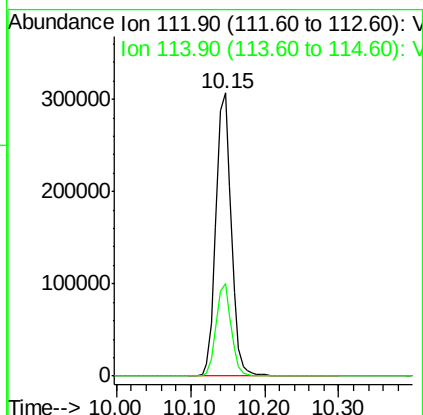
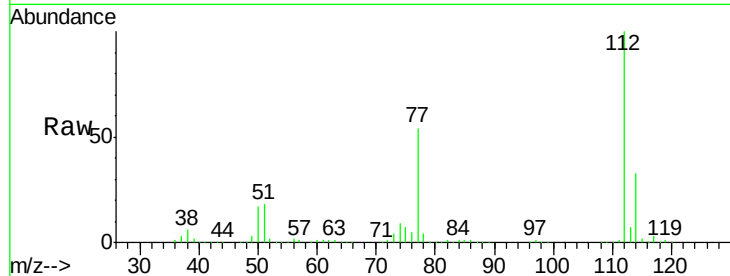




#65
Chlorobenzene
Concen: 50.09 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

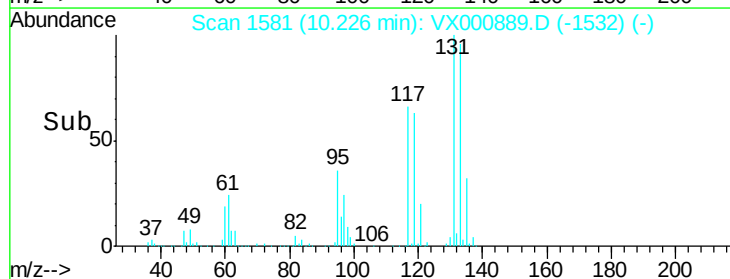
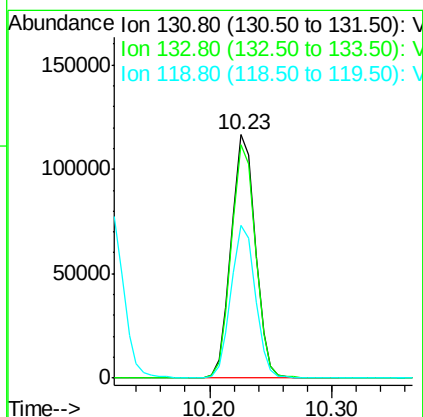
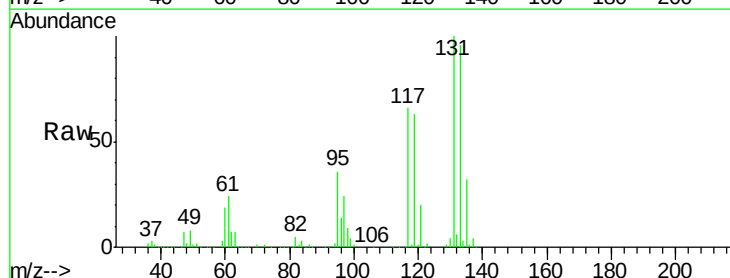
Instrument :
MSVOA_X
ClientSampleId :
BFB

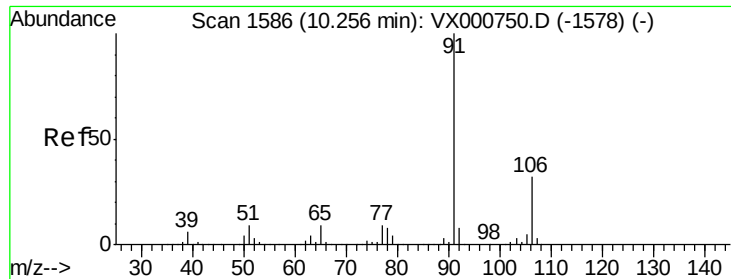
Tgt Ion:112 Resp: 432442
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.03 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:131 Resp: 159293
Ion Ratio Lower Upper
131 100
133 96.2 48.3 144.9
119 63.2 31.4 94.0

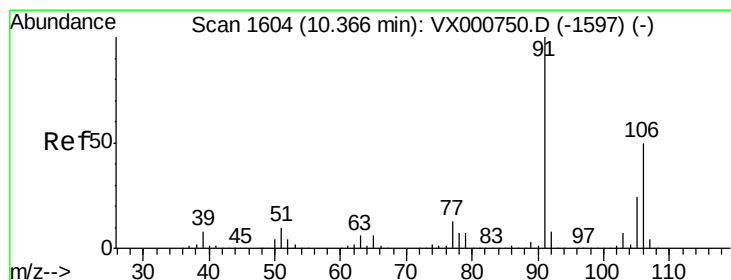
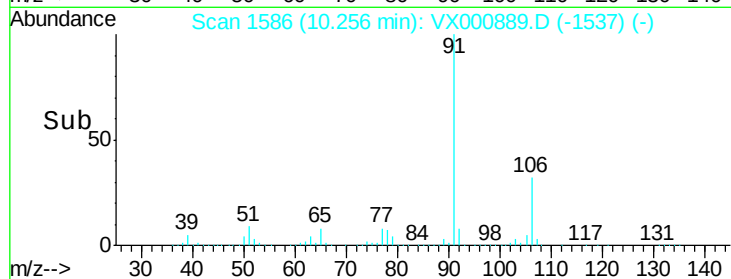
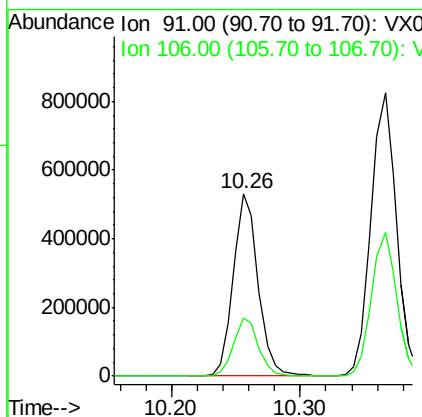
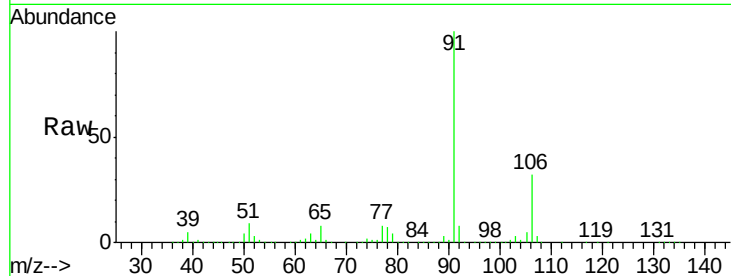




#67
Ethyl Benzene
Concen: 50.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

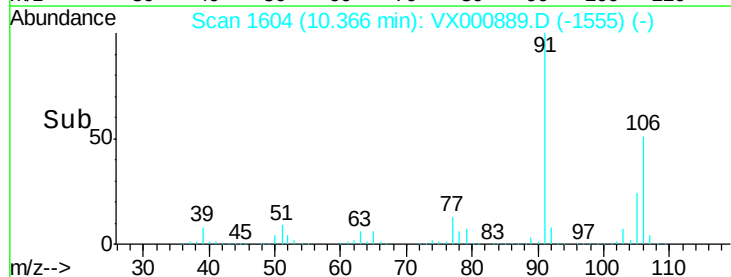
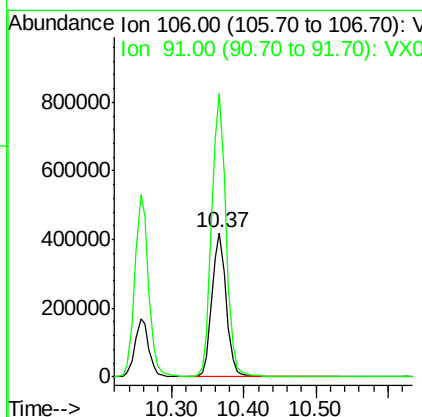
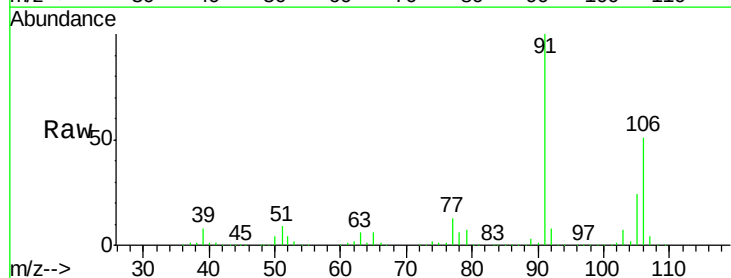
Instrument :
MSVOA_X
ClientSampled :
BFB

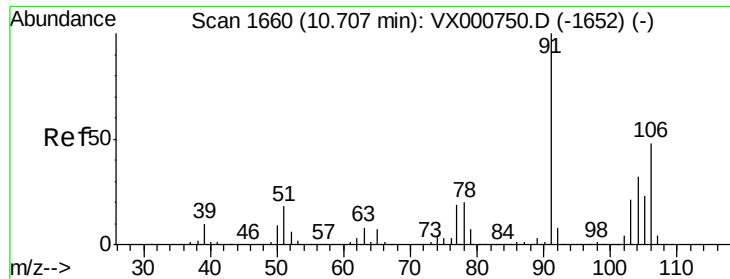
Tgt Ion: 91 Resp: 721591
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0



#68
m/p-Xylenes
Concen: 100.60 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 106 Resp: 571463
Ion Ratio Lower Upper
106 100
91 198.0 159.3 238.9

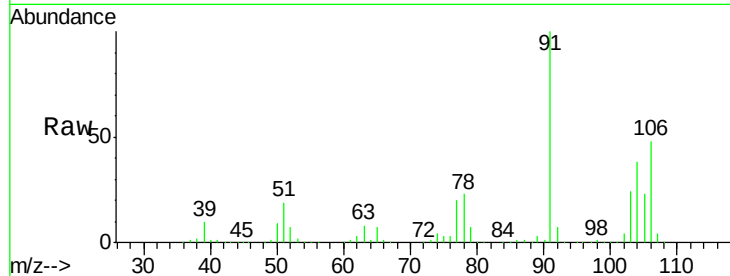




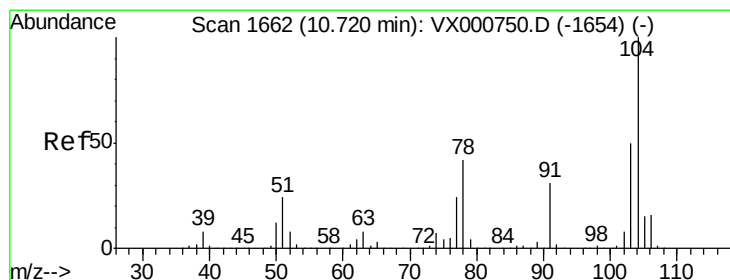
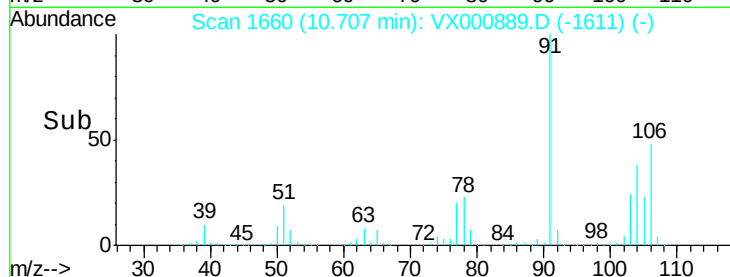
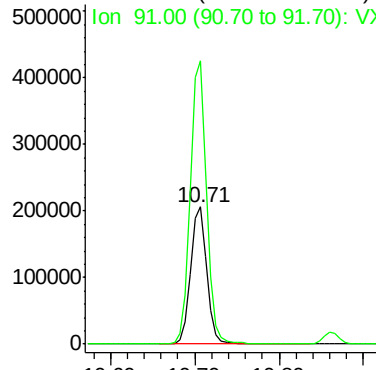
#69
o-Xylene
Concen: 50.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 275891
Ion Ratio Lower Upper
106 100
91 207.8 105.0 315.0

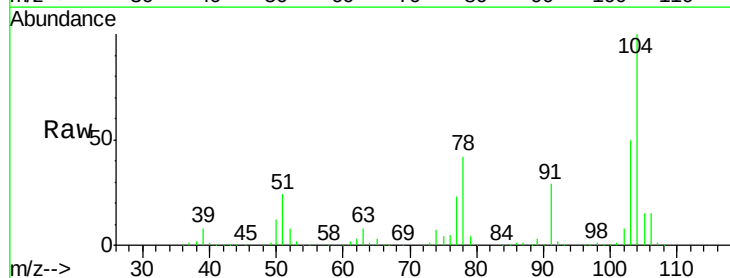


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

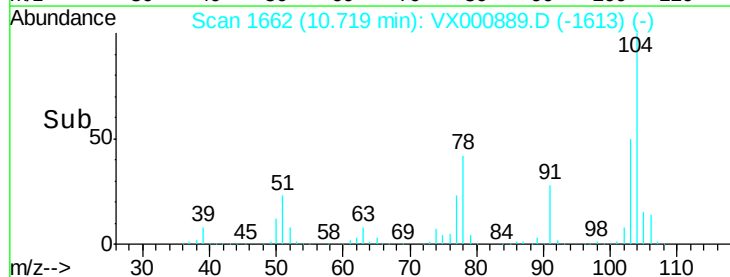
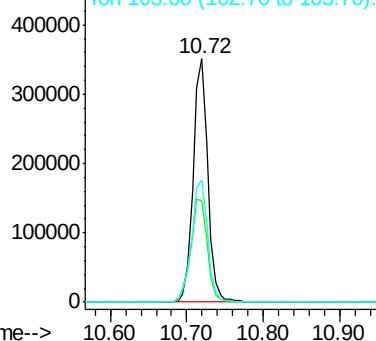


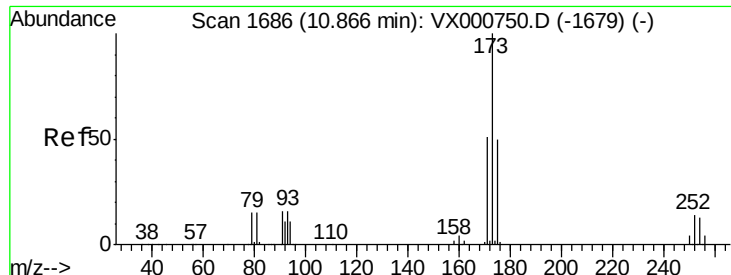
#70
Styrene
Concen: 50.19 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:104 Resp: 463318
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 55.2 44.1 66.1



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

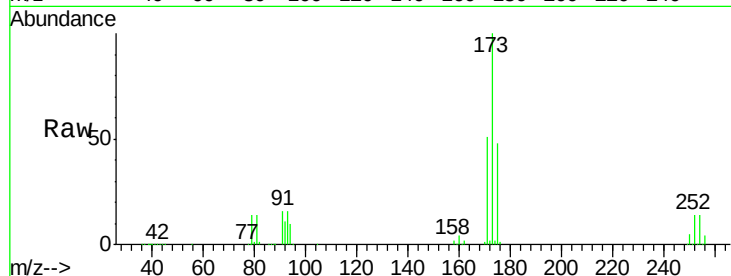




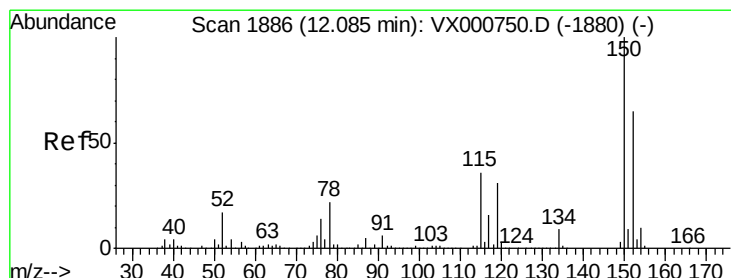
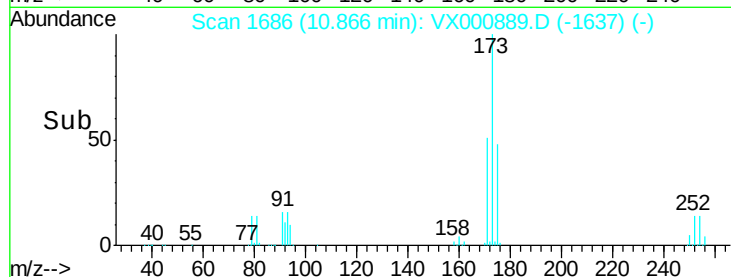
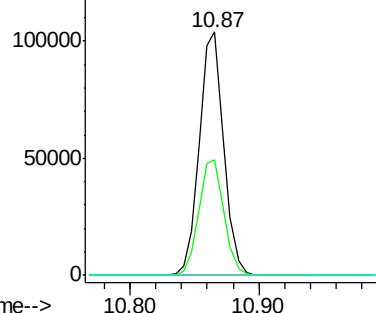
#71
Bromoform
Concen: 45.97 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:173 Resp: 138302
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.2 0.2 0.2

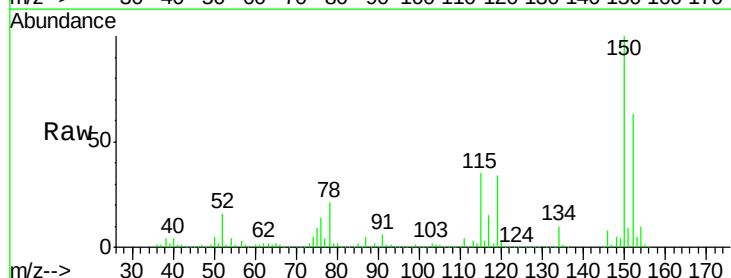


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

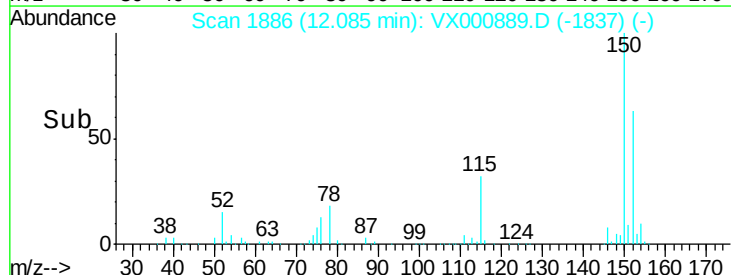
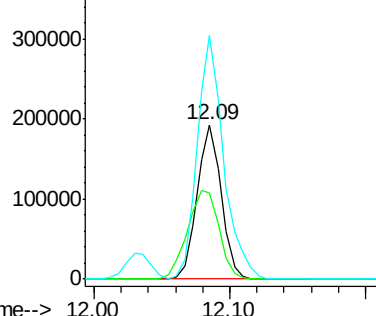


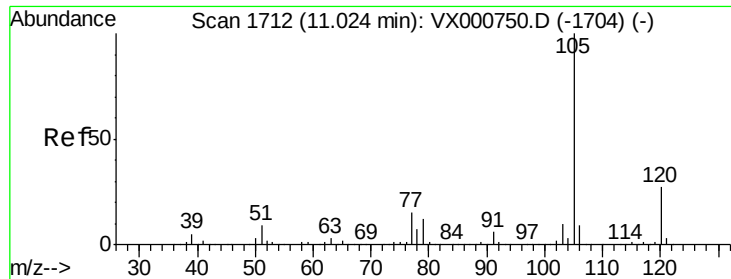
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:152 Resp: 235247
Ion Ratio Lower Upper
152 100
115 75.4 37.9 113.7
150 173.8 0.0 348.0



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

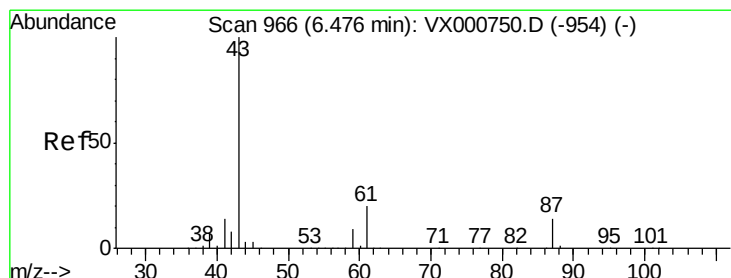
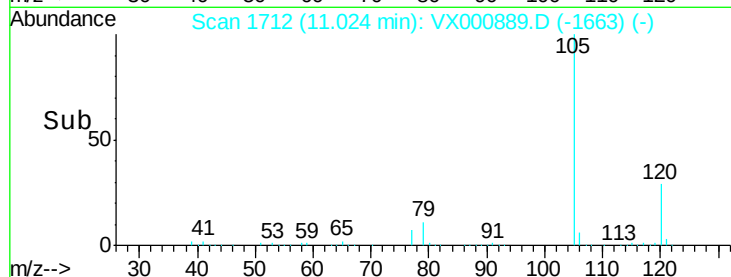
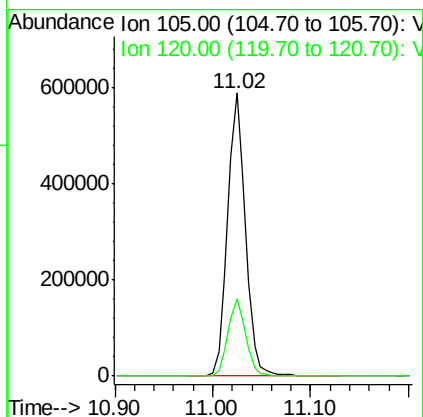
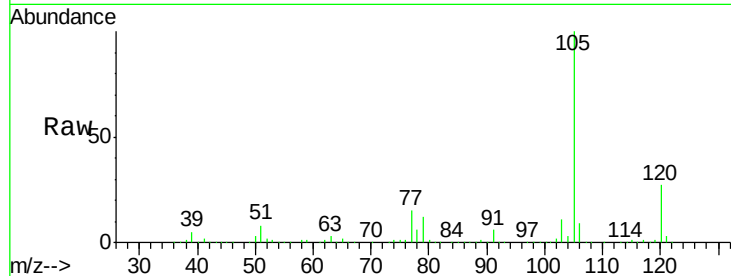




#73
Isopropylbenzene
Concen: 50.31 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

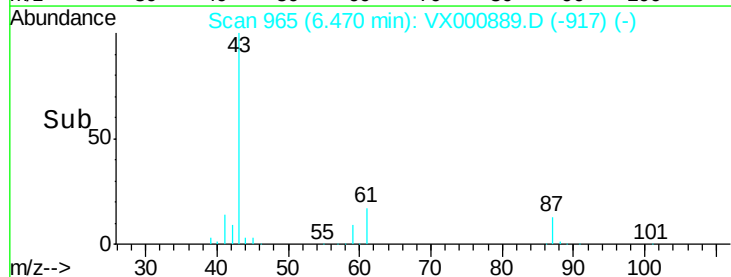
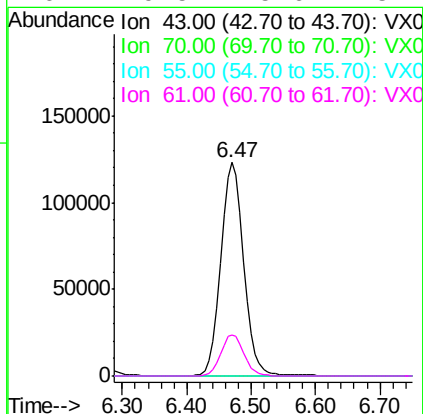
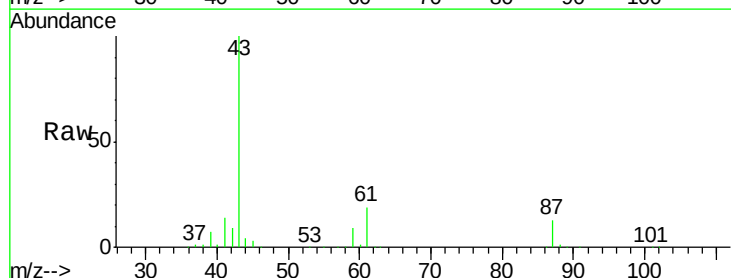
Instrument :
MSVOA_X
ClientSampleId :
BFB

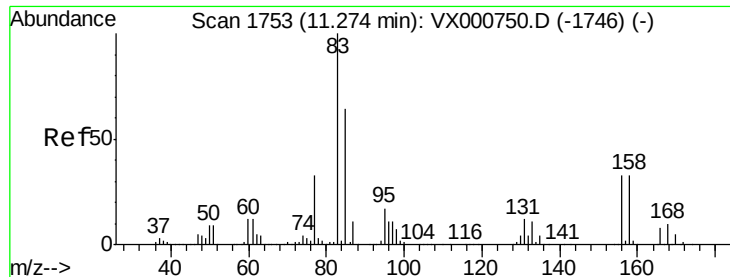
Tgt Ion: 105 Resp: 750762
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.0



#74
N-ethyl acetate
Concen: 46.05 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion: 43 Resp: 309467
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.05 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

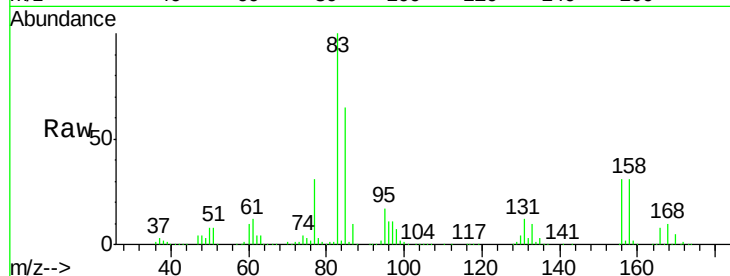
Tgt Ion: 83 Resp: 208092

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

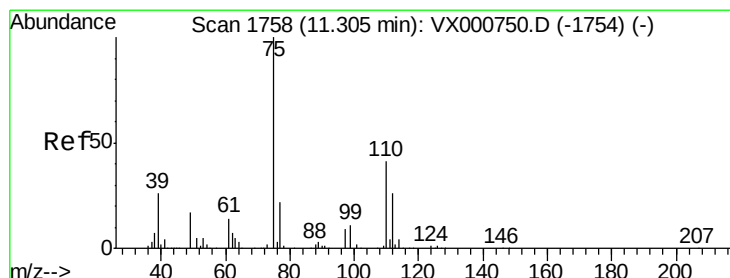
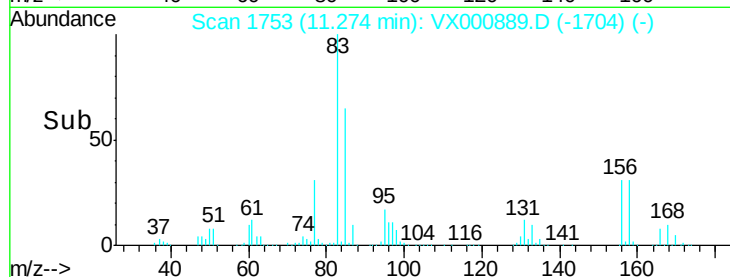
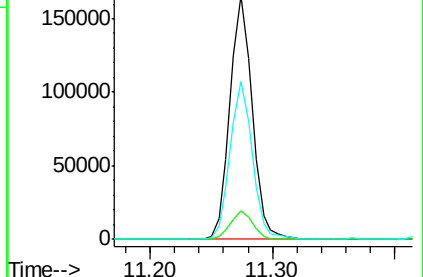
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.88 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000889.D

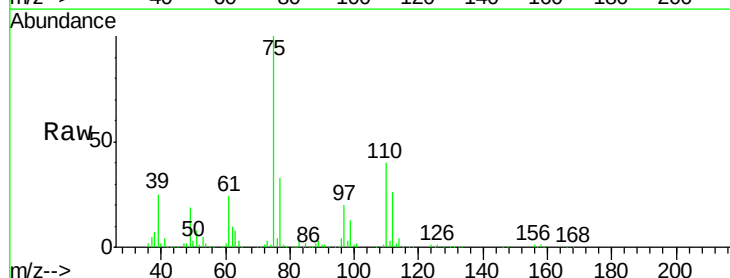
Acq: 15 Apr 2018 11:40

Tgt Ion: 75 Resp: 247013

Ion Ratio Lower Upper

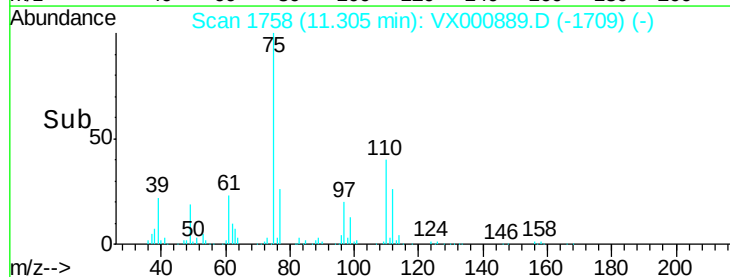
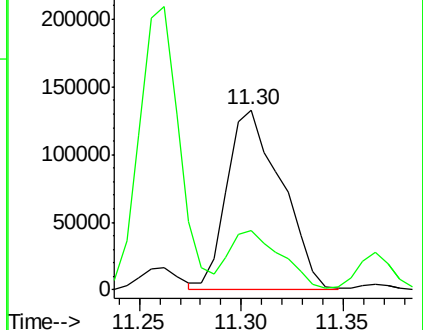
75 100

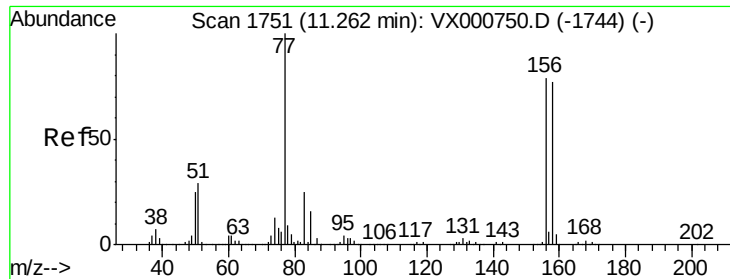
77 31.4 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.24 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

BFB

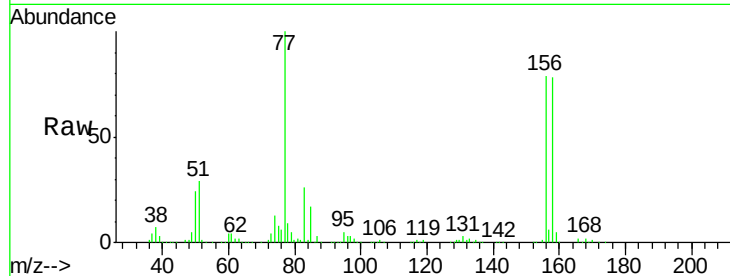
Tgt Ion:156 Resp: 215356

Ion Ratio Lower Upper

156 100

77 132.0 66.0 198.2

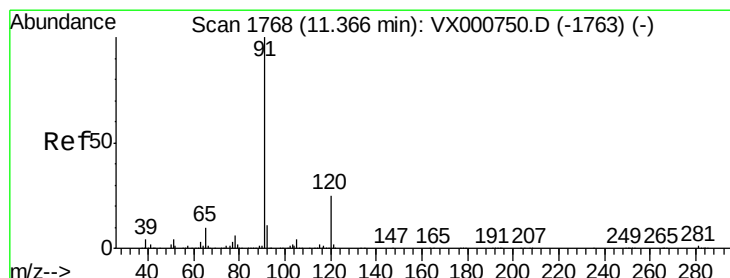
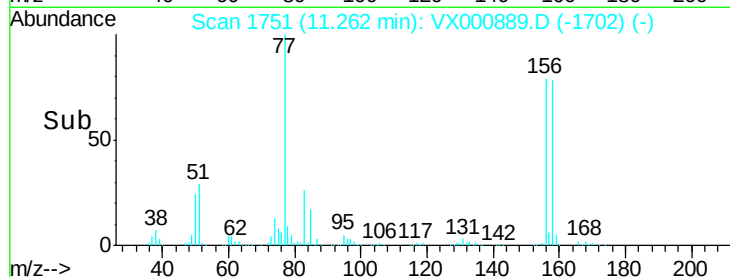
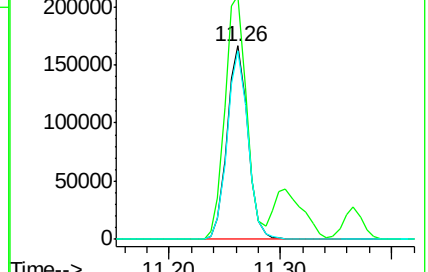
158 97.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.29 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000889.D

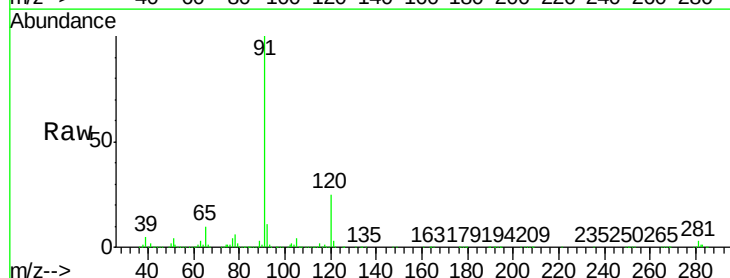
Acq: 15 Apr 2018 11:40

Tgt Ion: 91 Resp: 858483

Ion Ratio Lower Upper

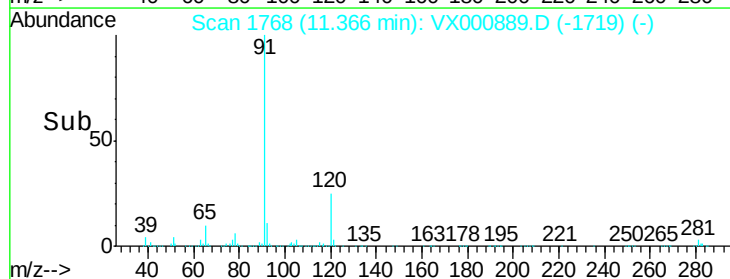
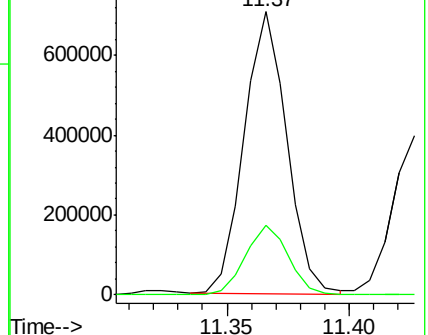
91 100

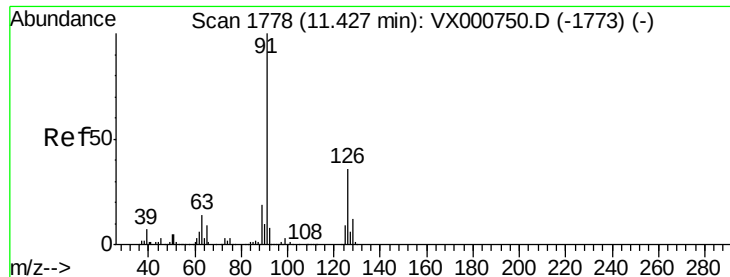
120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.84 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampled :

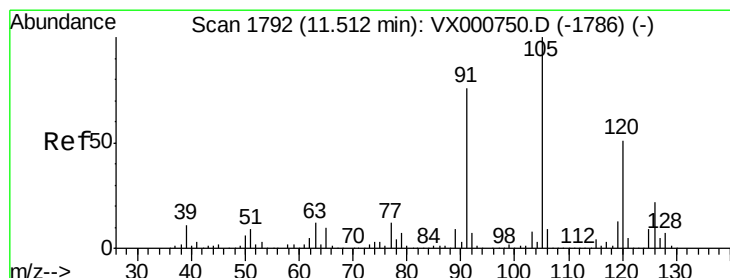
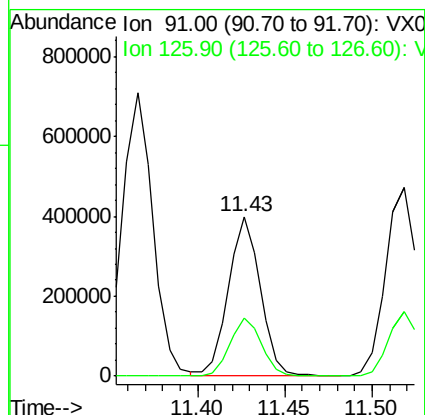
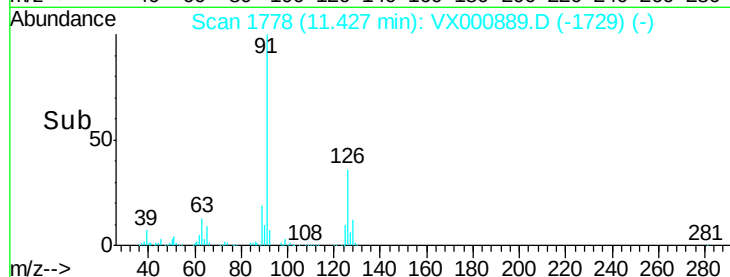
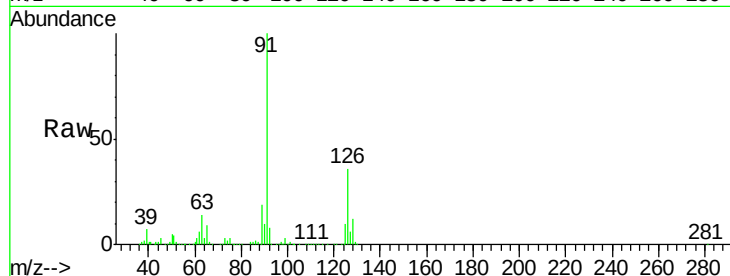
BFB

Tgt Ion: 91 Resp: 502838

Ion Ratio Lower Upper

91 100

126 36.6 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 49.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000889.D

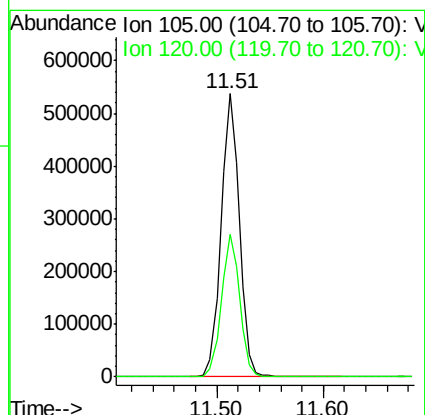
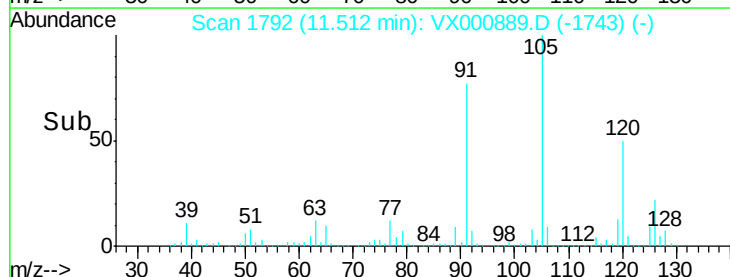
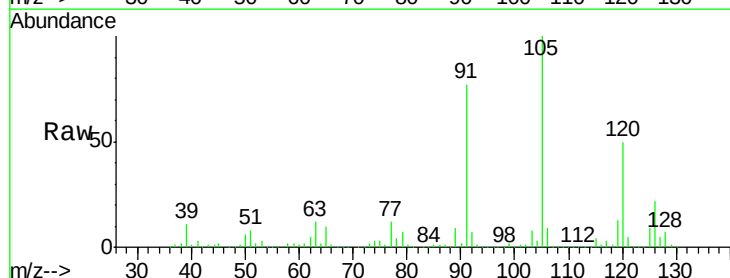
Acq: 15 Apr 2018 11:40

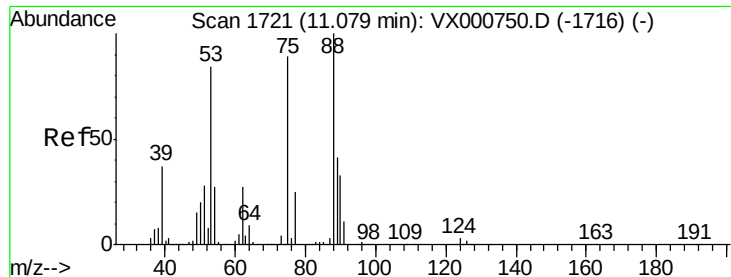
Tgt Ion: 105 Resp: 640634

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 43.90 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

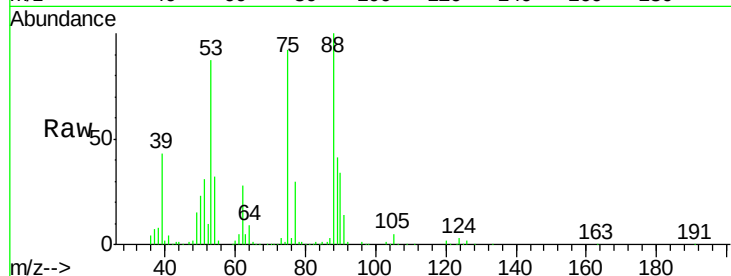
Tgt Ion: 75 Resp: 64747

Ion Ratio Lower Upper

75 100

53 97.8 75.4 113.0

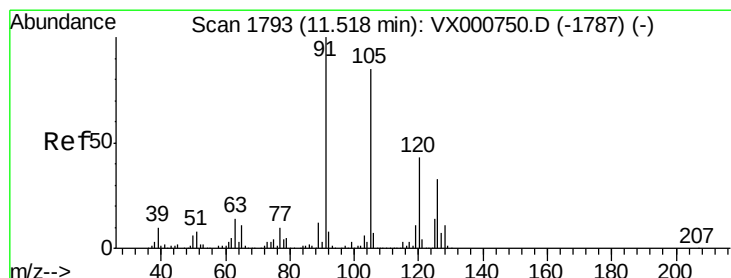
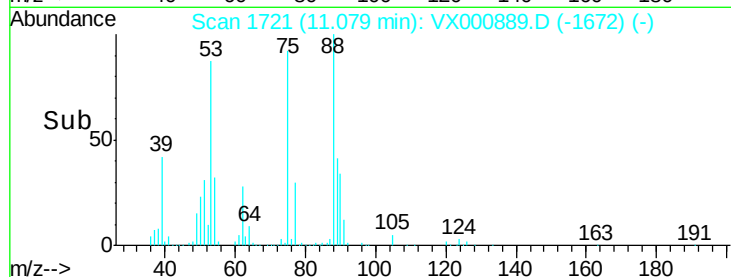
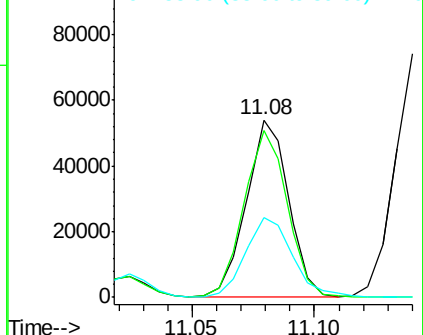
89 50.4 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.31 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000889.D

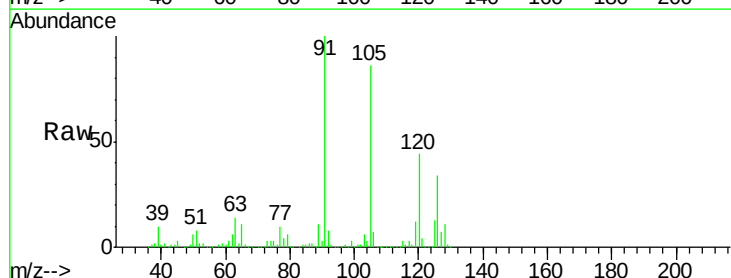
Acq: 15 Apr 2018 11:40

Tgt Ion: 91 Resp: 600449

Ion Ratio Lower Upper

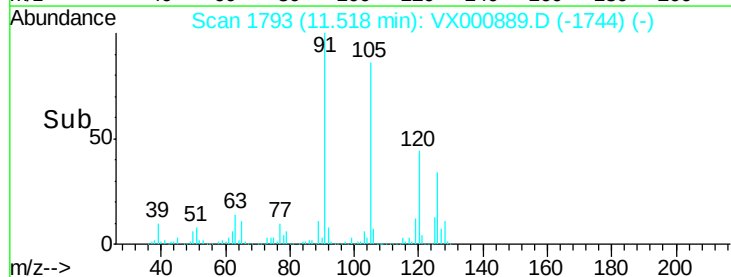
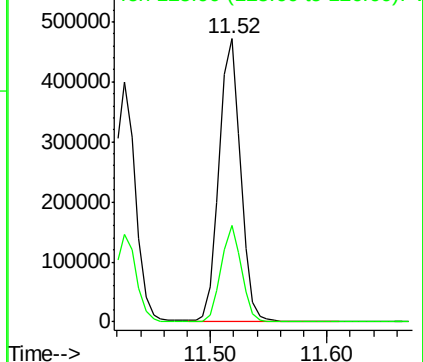
91 100

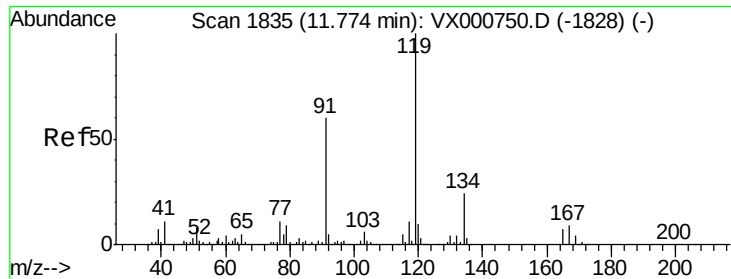
126 32.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

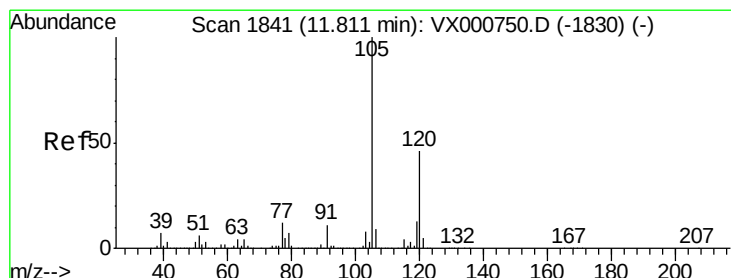
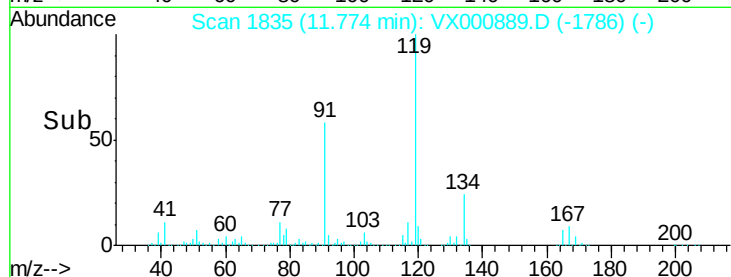
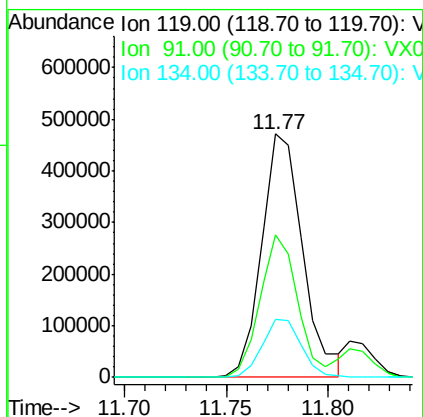
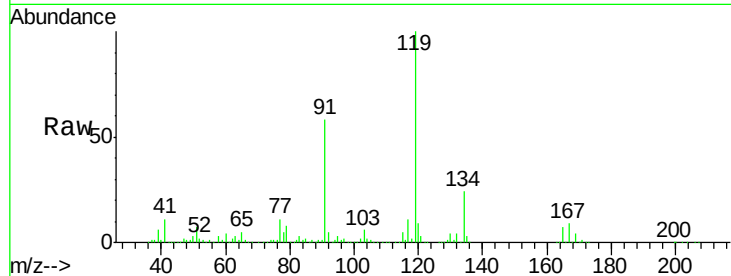




#83
 tert-Butylbenzene
 Concen: 50.31 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

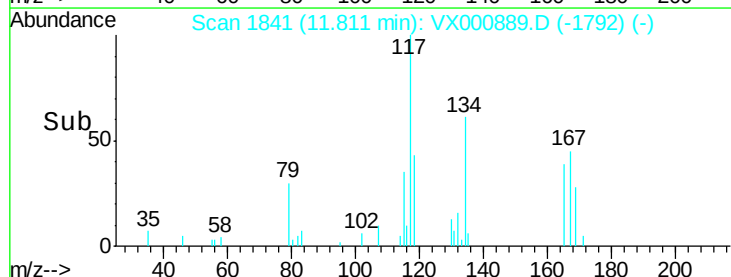
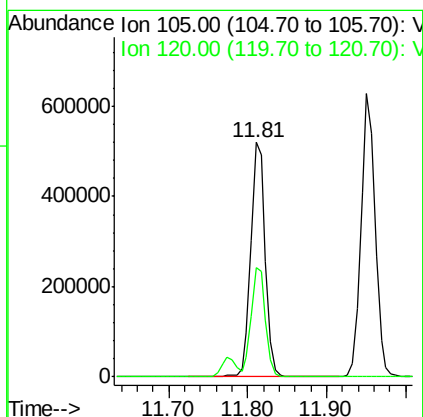
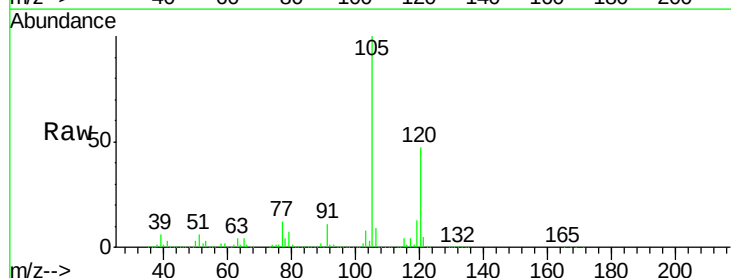
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

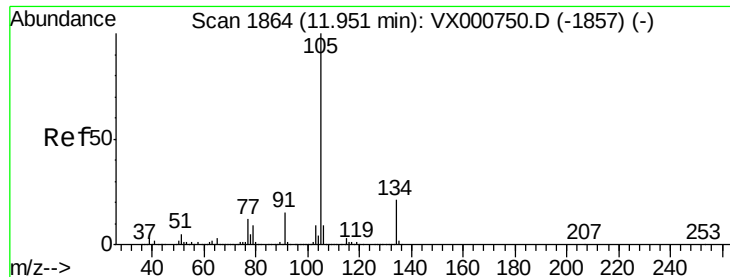
Tgt Ion:119 Resp: 660557
 Ion Ratio Lower Upper
 119 100
 91 53.4 26.8 80.3
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion:105 Resp: 659424
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 50.64 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

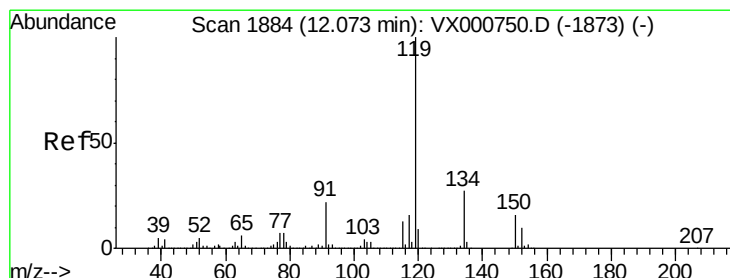
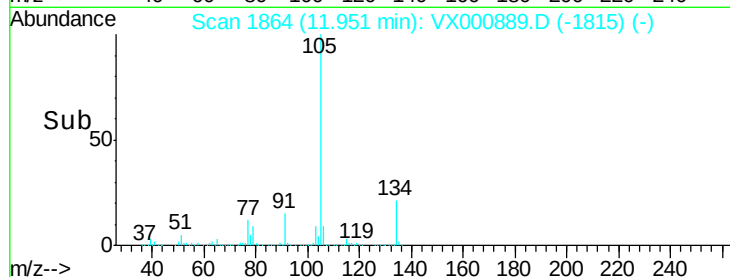
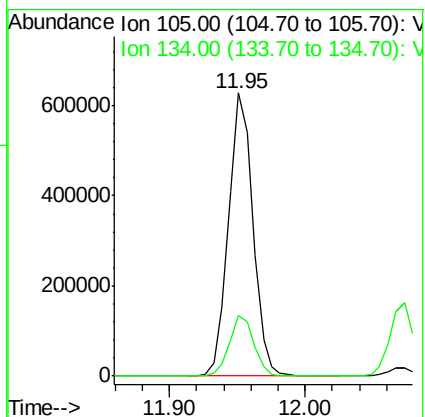
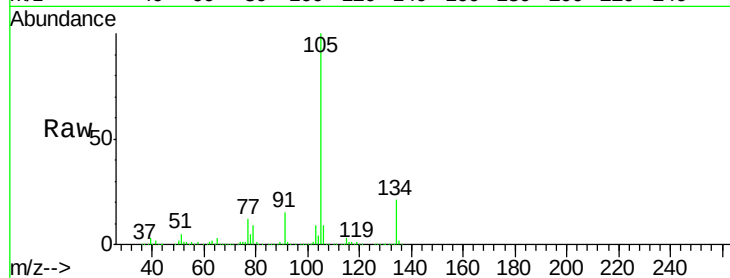
BFB

Tgt Ion:105 Resp: 784410

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



#86

p-Isopropyltoluene

Concen: 50.86 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

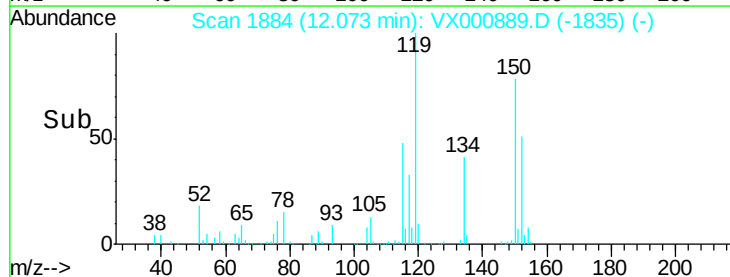
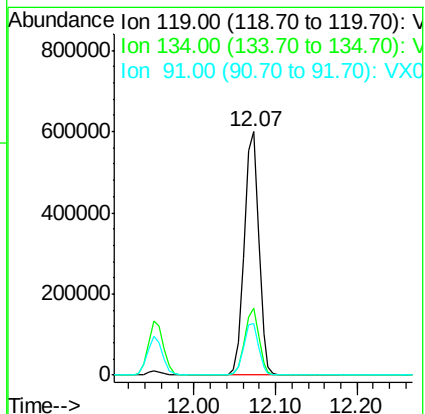
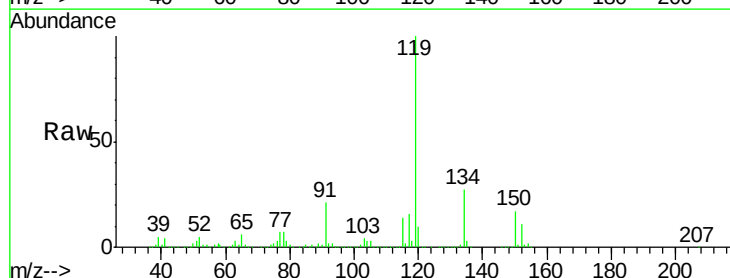
Tgt Ion:119 Resp: 734696

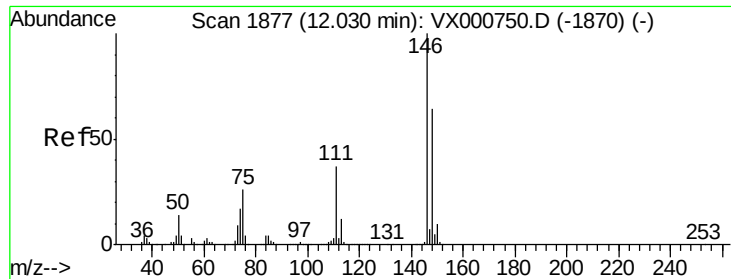
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 21.8 11.2 33.5

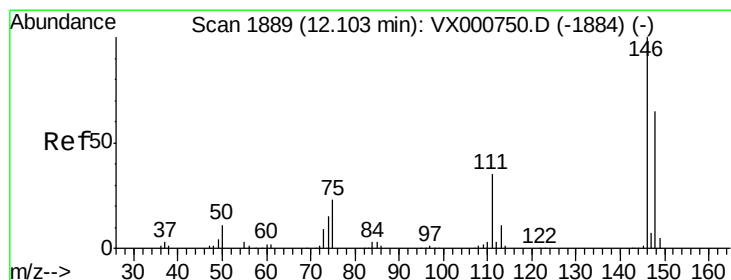
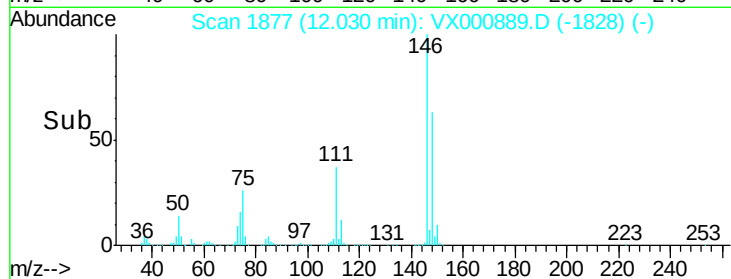
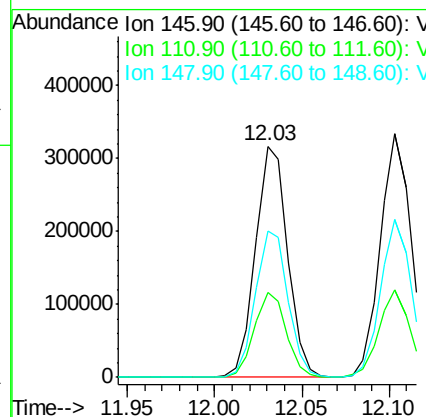
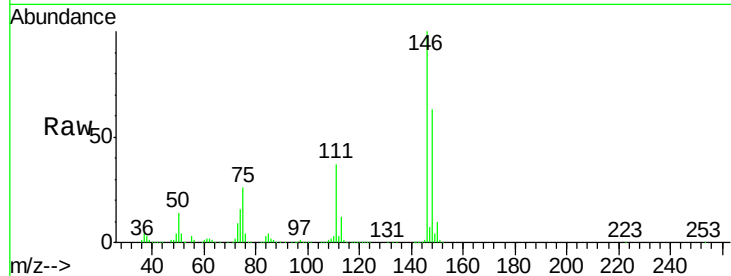




#87
 1,3-Dichlorobenzene
 Concen: 50.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

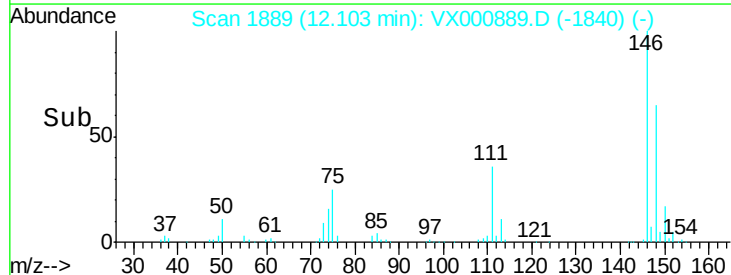
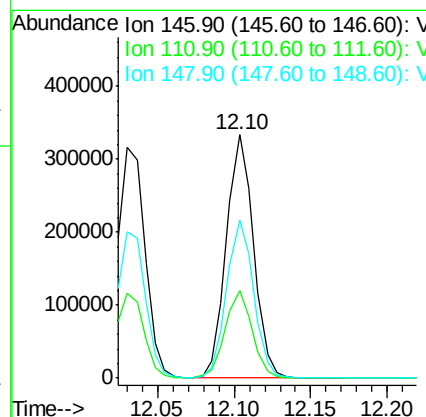
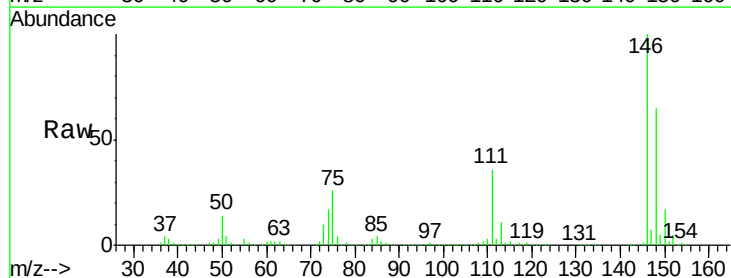
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

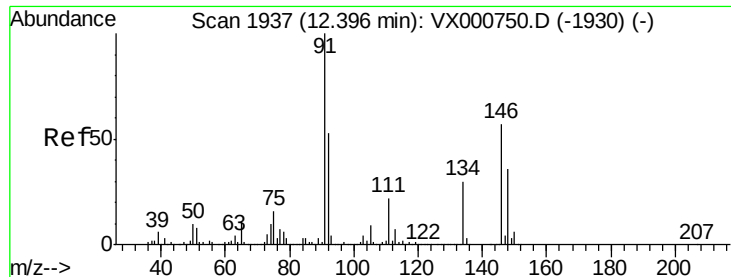
Tgt Ion:146 Resp: 405434
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.3 54.8
 148 64.0 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion:146 Resp: 411009
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.9 53.8
 148 64.7 32.6 97.7





#89

n-Butylbenzene

Concen: 50.98 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000889.D

Acq: 15 Apr 2018 11:40

Instrument :

MSVOA_X

ClientSampleId :

BFB

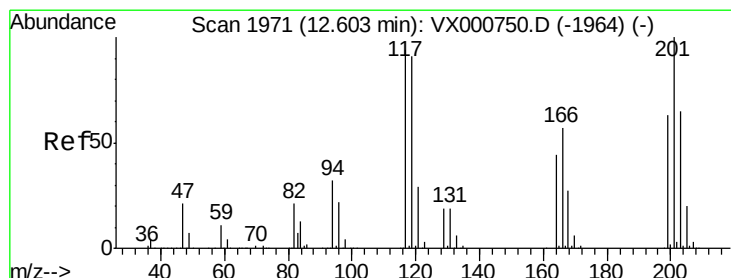
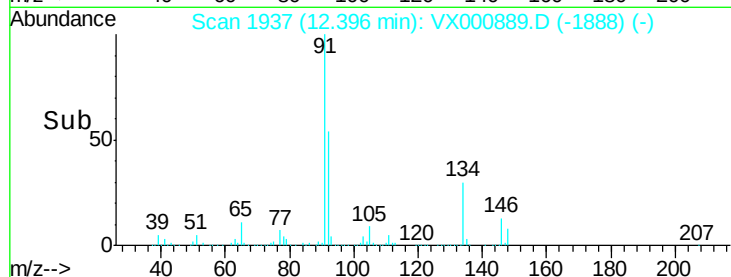
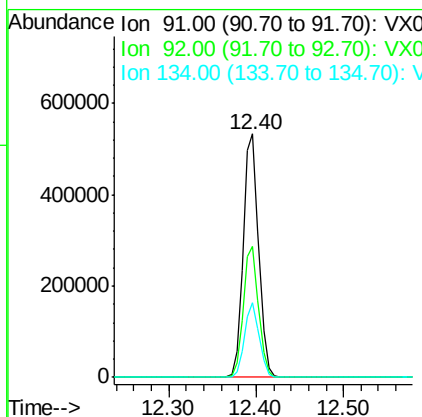
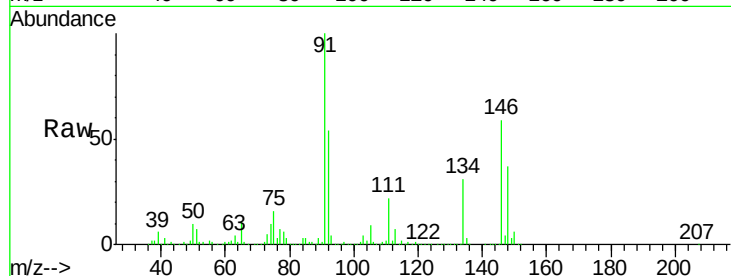
Tgt Ion: 91 Resp: 649955

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 29.1 14.5 43.5



#90

Hexachloroethane

Concen: 46.68 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000889.D

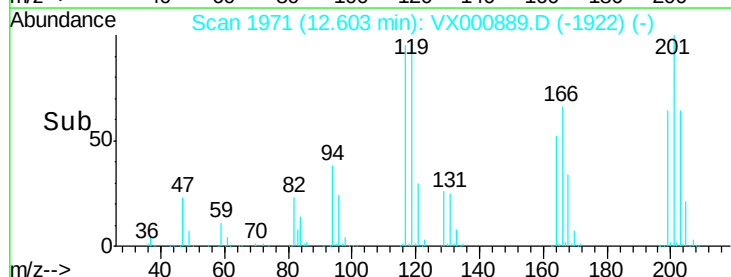
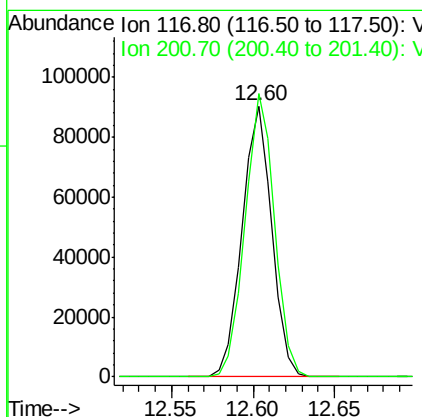
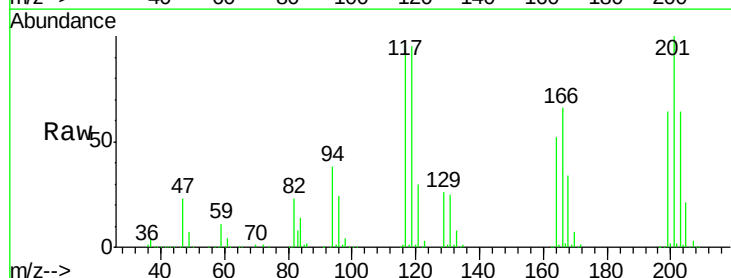
Acq: 15 Apr 2018 11:40

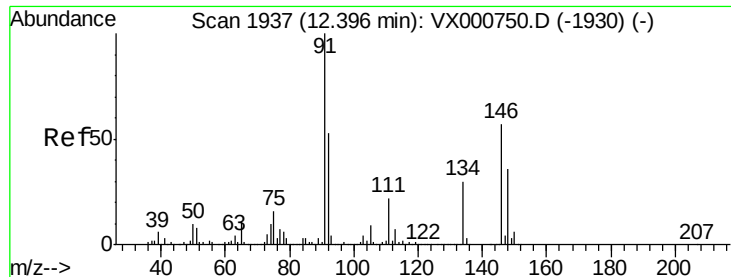
Tgt Ion: 117 Resp: 114113

Ion Ratio Lower Upper

117 100

201 104.2 52.9 158.7

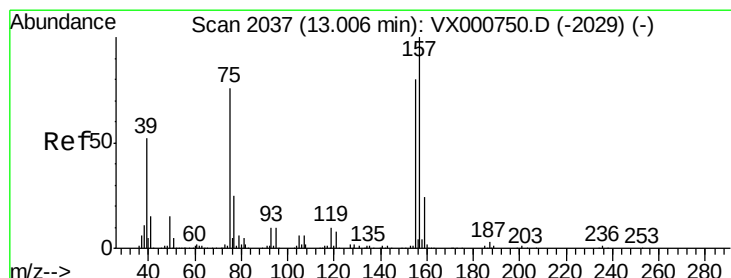
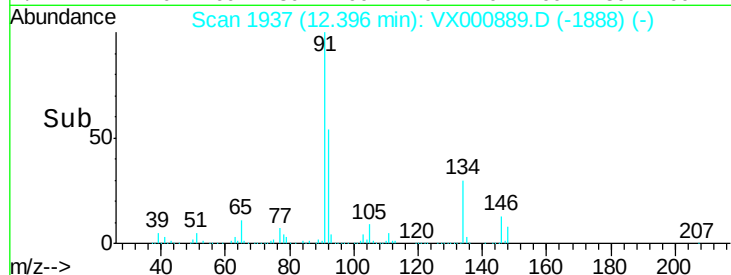
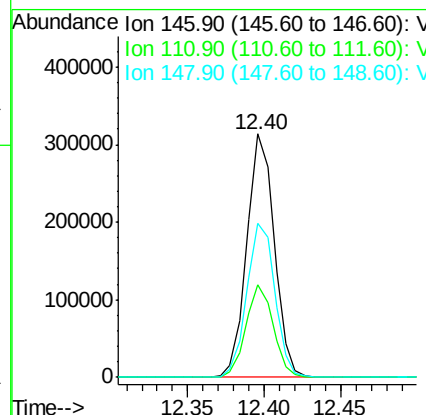
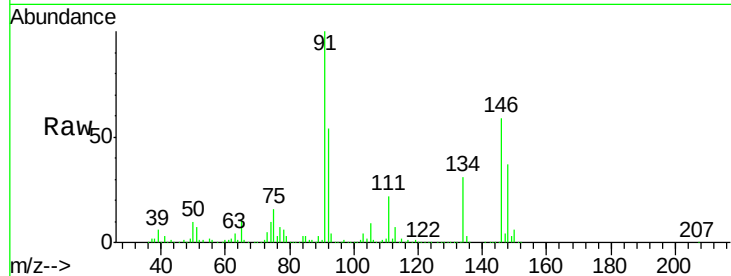




#91
 1,2-Dichlorobenzene
 Concen: 50.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

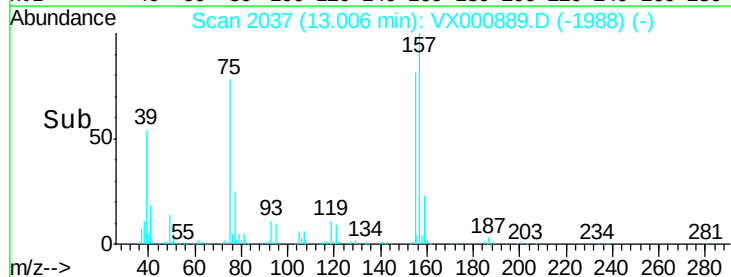
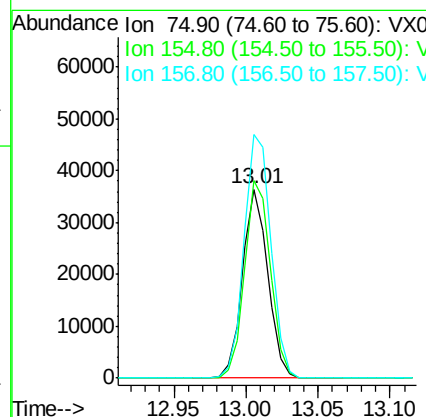
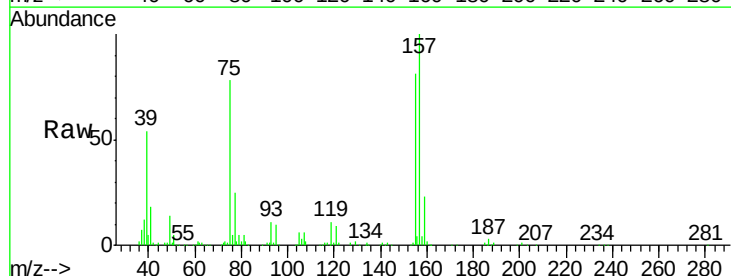
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

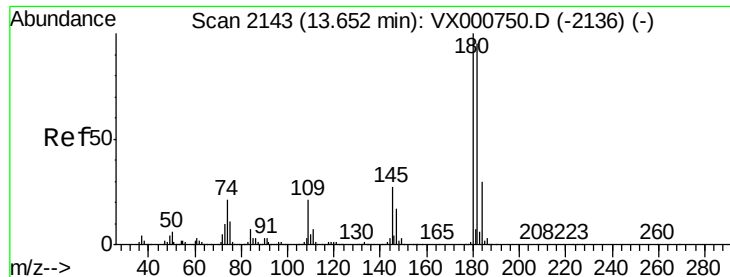
Tgt Ion:146 Resp: 391830
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 64.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion: 75 Resp: 44693
 Ion Ratio Lower Upper
 75 100
 155 105.8 51.9 155.8
 157 135.7 66.6 199.8

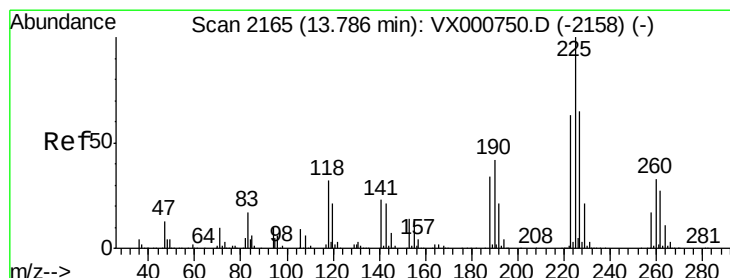
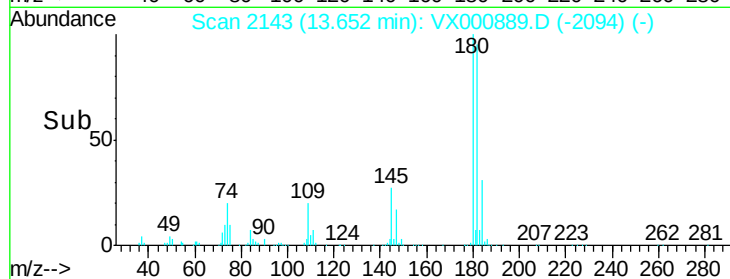
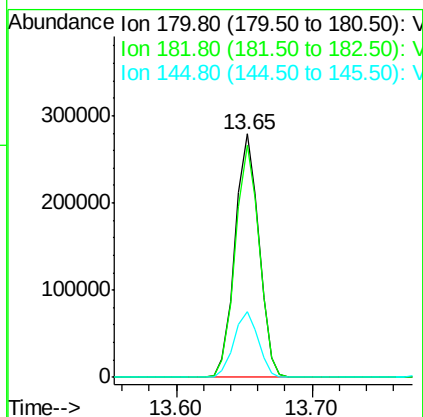
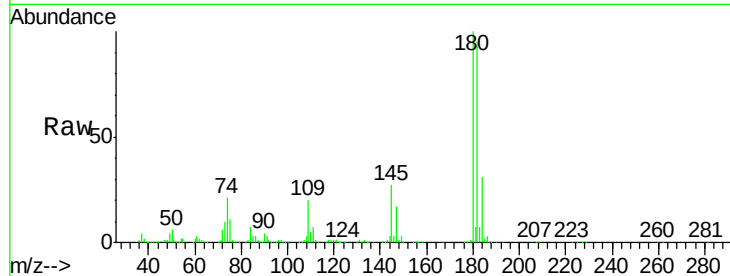




#93
 1,2,4-Trichlorobenzene
 Concen: 51.05 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

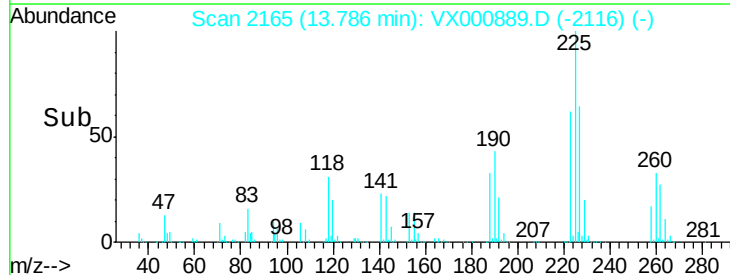
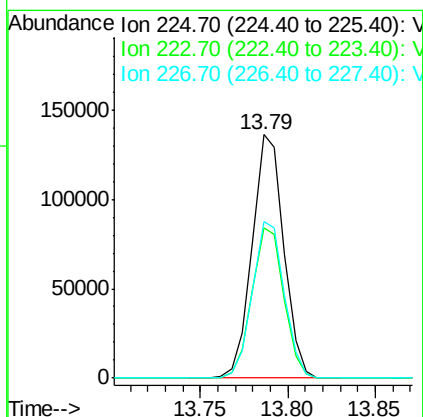
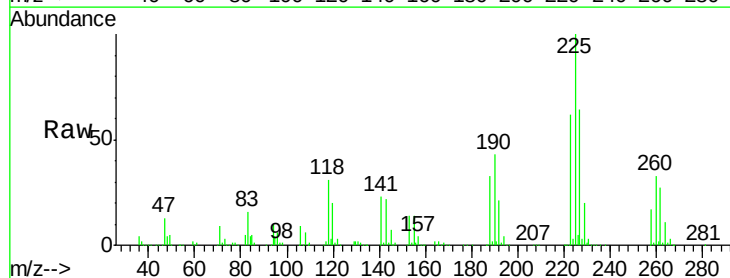
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

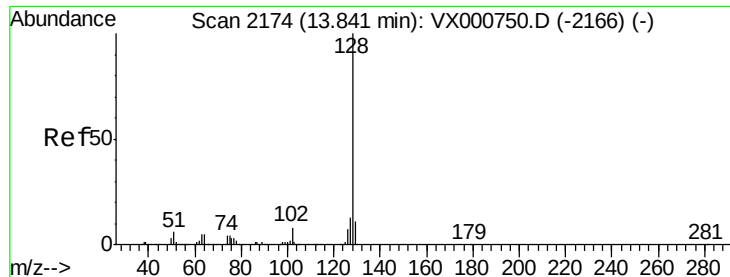
Tgt Ion:180 Resp: 340442
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.5 142.5
 145 27.4 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 52.00 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000889.D
 Acq: 15 Apr 2018 11:40

Tgt Ion:225 Resp: 170520
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 64.8 32.3 96.9

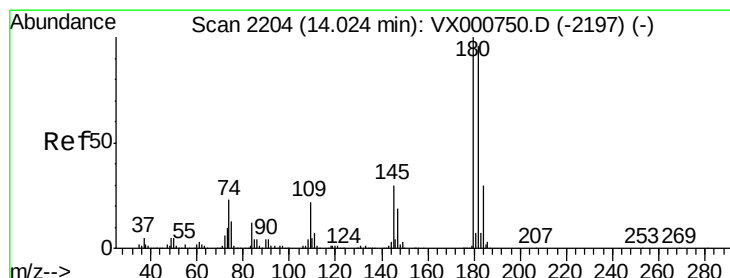
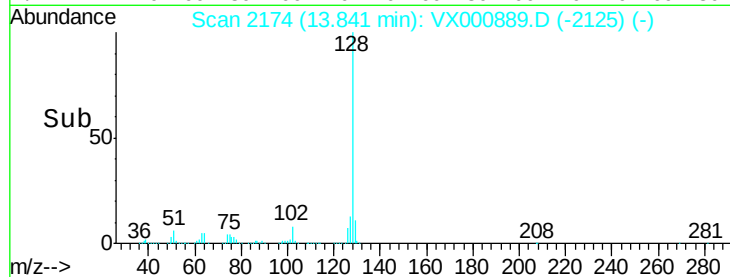
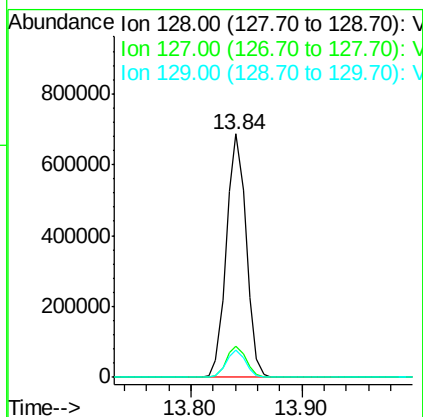
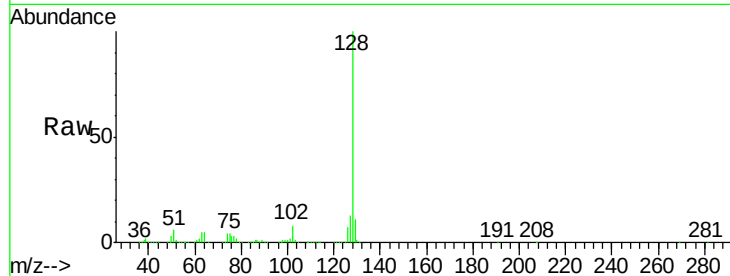




#95
Naphthalene
Concen: 49.23 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:128 Resp: 842690
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.75 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX000889.D
Acq: 15 Apr 2018 11:40

Tgt Ion:180 Resp: 328685
Ion Ratio Lower Upper
180 100
182 96.8 48.4 145.2
145 29.0 14.6 43.8

