

Data File : VX000321.D

Acq On : 14 Mar 2018 18:32

Operator : JC/MD

Sample : VSTDICV050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Mar 15 03:41:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	133555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	223538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	89134	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	70620	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.73	98	296098	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.15	95	118122	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77432	53.82	ug/l	97
3) Chloromethane	1.32	50	77843	53.08	ug/l	99
4) Vinyl Chloride	1.41	62	84308	51.33	ug/l	99
5) Bromomethane	1.64	94	94273	51.43	ug/l	98
6) Chloroethane	1.73	64	55535	47.57	ug/l	95
7) Trichlorofluoromethane	1.93	101	143314	50.23	ug/l	99
8) Diethyl Ether	2.20	74	49421	48.66	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75916	49.42	ug/l	99
10) Methyl Iodide	2.52	142	76114	49.04	ug/l	100
11) Tert butyl alcohol	3.07	59	146308	244.74	ug/l	99
12) 1,1-Dichloroethene	2.38	96	71119	48.78	ug/l	99
13) Acrolein	2.30	56	65566	254.93	ug/l	99
14) Allyl chloride	2.73	41	124701	47.97	ug/l	99
15) Acrylonitrile	3.16	53	278437	241.56	ug/l	99
16) Acetone	2.45	43	295714	239.71	ug/l	99
17) Carbon Disulfide	2.57	76	212200	49.83	ug/l	99
18) Methyl Acetate	2.78	43	130887	47.41	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	251689	49.04	ug/l	99
20) Methylene Chloride	2.86	84	75454	47.24	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77839	48.29	ug/l	94
22) Diisopropyl ether	3.88	45	195933	45.28	ug/l	98
23) Vinyl Acetate	3.84	43	941324	228.25	ug/l	100
24) 1,1-Dichloroethane	3.71	63	124994	45.92	ug/l	99
25) 2-Butanone	4.72	43	368142	249.68	ug/l	100
26) 2,2-Dichloropropane	4.60	77	98941	50.36	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	69959	47.52	ug/l	99
28) Bromochloromethane	5.03	49	60454	52.84	ug/l	99
29) Tetrahydrofuran	5.18	42	231350	243.78	ug/l	99
30) Chloroform	5.23	83	129001	50.20	ug/l	99
31) Cyclohexane	5.59	56	103318	49.47	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	115959	51.06	ug/l	100
36) 1,1-Dichloropropene	5.81	75	98175	48.34	ug/l	99
37) Ethyl Acetate	4.87	43	129307	47.90	ug/l	99
38) Carbon Tetrachloride	5.79	117	101763	49.70	ug/l	96

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ClientSampleId :
BFB

Quant Time: Mar 15 03:41:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 03:39:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	116838	49.32	ug/l	99
40) Benzene	6.16	78	282842	49.08	ug/l	99
41) Methacrylonitrile	5.07	41	66338	46.80	ug/l	98
42) 1,2-Dichloroethane	6.21	62	108535	47.52	ug/l	98
43) Isopropyl Acetate	6.48	43	195655	50.22	ug/l	99
44) Trichloroethene	7.23	130	81004	48.51	ug/l	98
45) 1,2-Dichloropropane	7.52	63	70693	49.74	ug/l	100
46) Dibromomethane	7.67	93	56119	49.16	ug/l	100
47) Bromodichloromethane	7.91	83	103371	51.01	ug/l	98
48) Methyl methacrylate	7.79	41	95839	48.65	ug/l	99
49) 1,4-Dioxane	7.77	88	43646	984.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	753051	248.89	ug/l	99
52) Toluene	8.79	92	203529	50.28	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	120998	51.73	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	121057	52.93	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	79855	49.17	ug/l	97
56) Ethyl methacrylate	9.19	69	126845	52.74	ug/l	98
57) 1,3-Dichloropropane	9.38	76	131033	49.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	303029	295.38	ug/l	100
59) 2-Hexanone	9.51	43	640853	251.40	ug/l	99
60) Dibromochloromethane	9.59	129	92522	53.87	ug/l	99
61) 1,2-Dibromoethane	9.68	107	91749	50.96	ug/l	99
64) Tetrachloroethene	9.34	164	77176	51.99	ug/l	98
65) Chlorobenzene	10.15	112	239520	50.86	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	82257	51.94	ug/l	100
67) Ethyl Benzene	10.26	91	403145	50.22	ug/l	99
68) m/p-Xylenes	10.37	106	330808	105.76	ug/l	98
69) o-Xylene	10.71	106	155851	51.29	ug/l	100
70) Styrene	10.72	104	270810	53.71	ug/l	96
71) Bromoform	10.87	173	72986	45.84	ug/l #	97
73) Isopropylbenzene	11.02	105	431189	48.35	ug/l	99
74) N-amyl acetate	6.48	43	195655	45.83	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	149586	47.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	176041	66.49	ug/l	84
77) Bromobenzene	11.26	156	110249	47.10	ug/l	98
78) n-propylbenzene	11.37	91	510621	47.48	ug/l	100
79) 2-Chlorotoluene	11.43	91	286606	46.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	373371	49.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	43987	45.08	ug/l	99
82) 4-Chlorotoluene	11.52	91	357345	47.64	ug/l	97
83) tert-Butylbenzene	11.78	119	366310	49.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	383610	49.11	ug/l	98
85) sec-Butylbenzene	11.96	105	457414	49.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	416915	50.49	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	221521	48.22	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	234147	49.05	ug/l	98
89) n-Butylbenzene	12.40	91	382229	47.60	ug/l	99
90) Hexachloroethane	12.60	117	65199	49.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	217332	48.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41302	48.06	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031418\
Quantitation Report (Not Reviewed)

Data File : VX000321.D
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Instrument :
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Quant Time: Mar 15 03:41:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

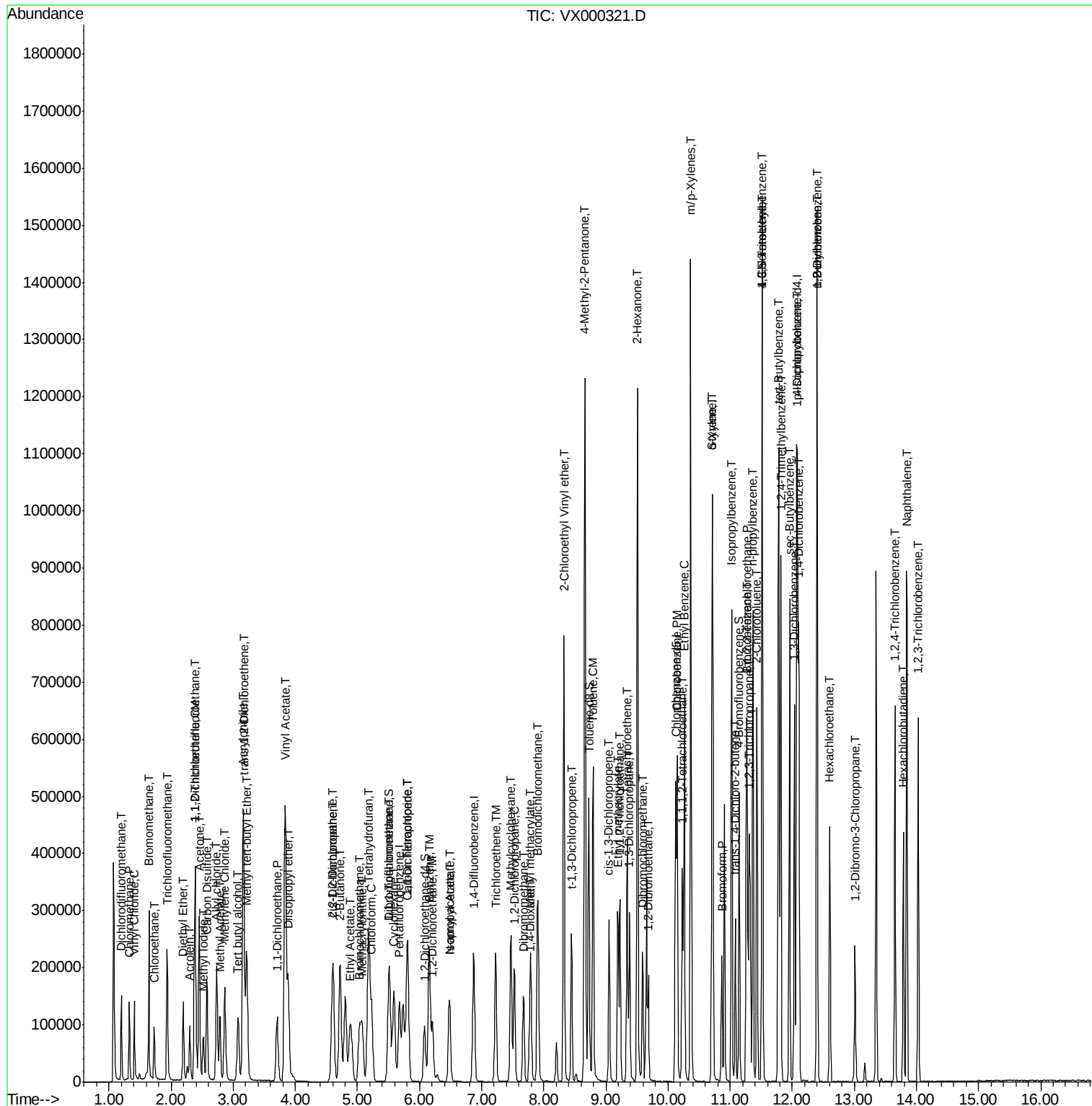
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	150432	46.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	58284	46.10	ug/l	98
95) Naphthalene	13.84	128	546396	49.12	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	150817	46.58	ug/l	97

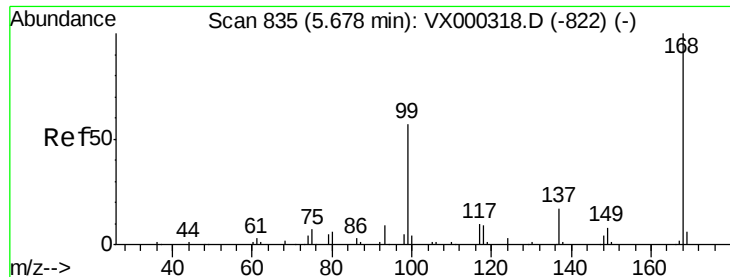
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 8 Sample Multiplier: 1

BFB

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

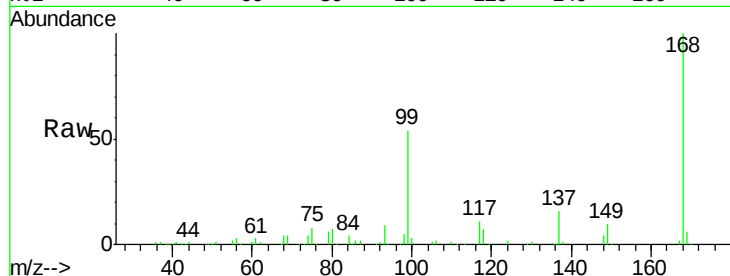
BFB

Tgt Ion:168 Resp: 133555

Ion Ratio Lower Upper

168 100

99 54.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

50000

40000

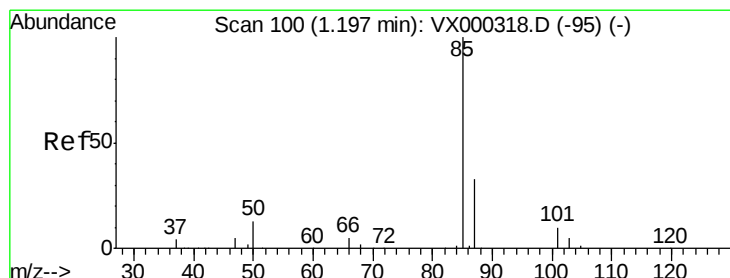
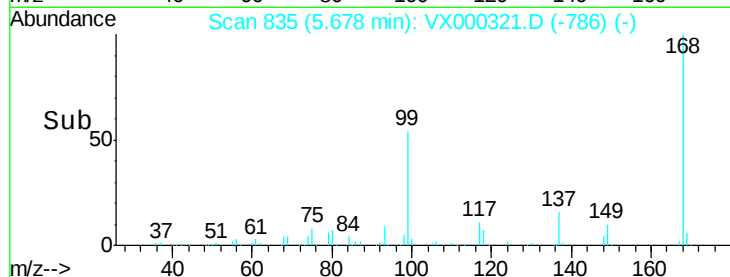
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000321.D

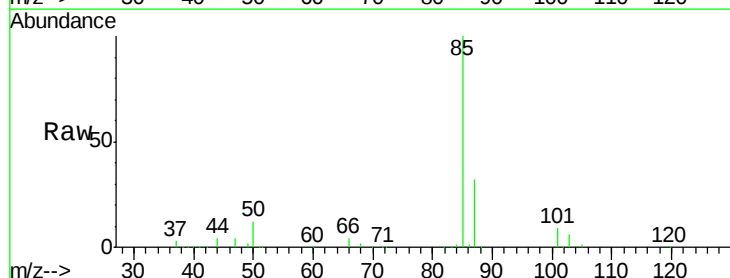
Acq: 14 Mar 2018 18:32

Tgt Ion: 85 Resp: 77432

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

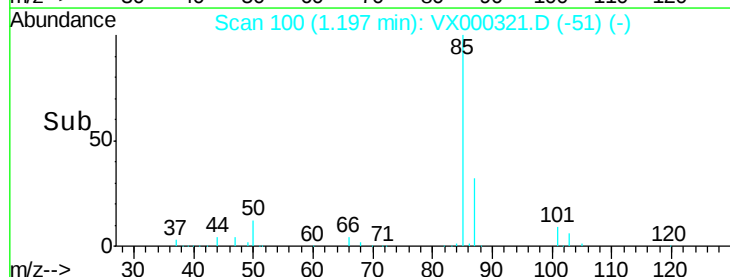
60000

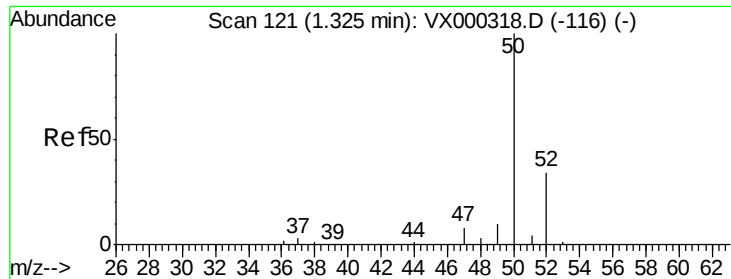
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

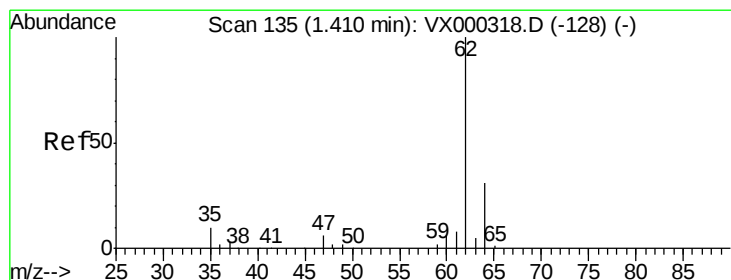
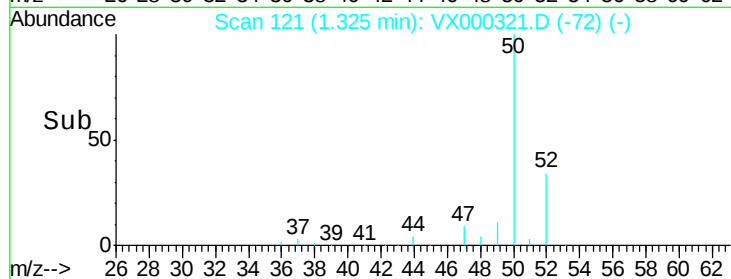
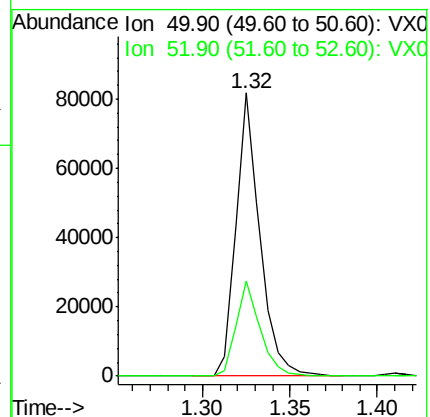
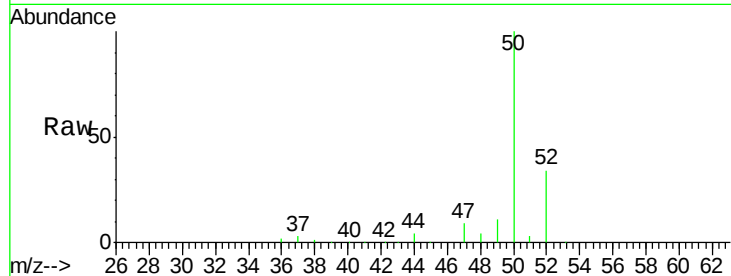
BFB

Tgt Ion: 50 Resp: 77843

Ion Ratio Lower Upper

50 100

52 33.6 27.5 41.3



#4

Vinyl Chloride

Concen: 51.33 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000321.D

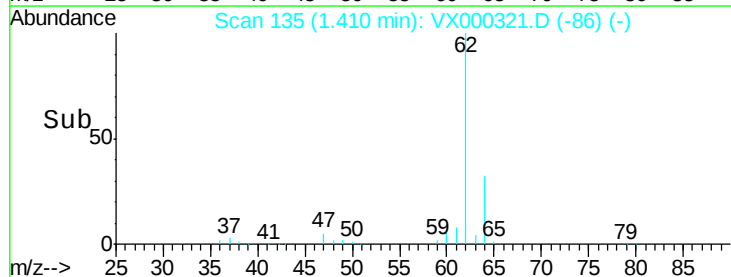
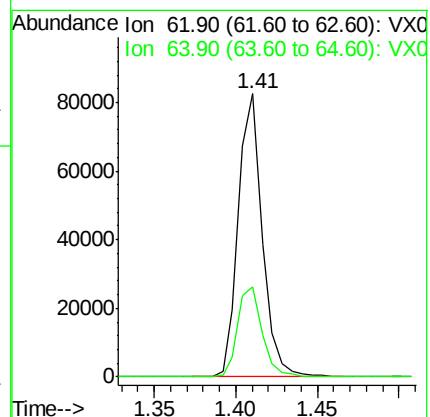
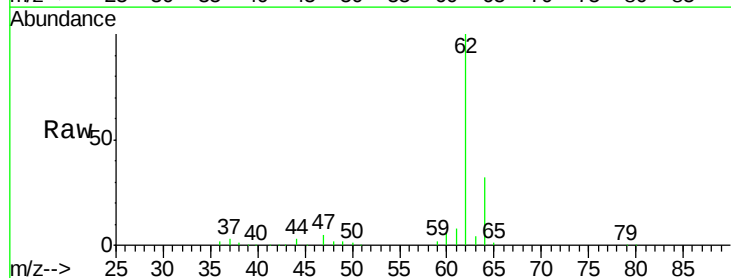
Acq: 14 Mar 2018 18:32

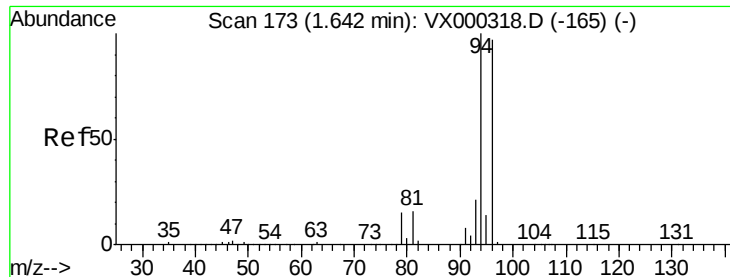
Tgt Ion: 62 Resp: 84308

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 51.43 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

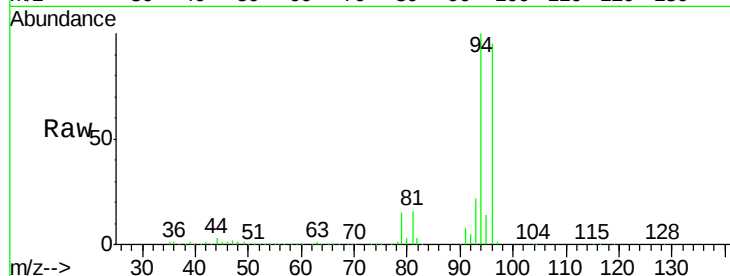
BFB

Tgt Ion: 94 Resp: 94273

Ion Ratio Lower Upper

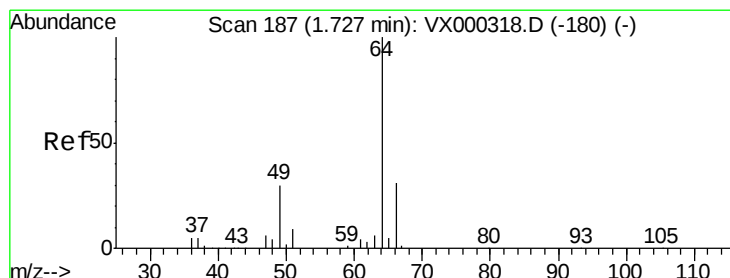
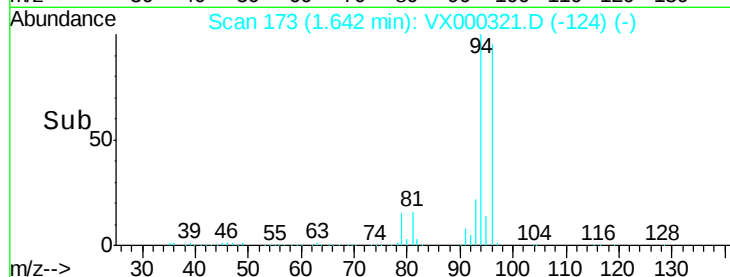
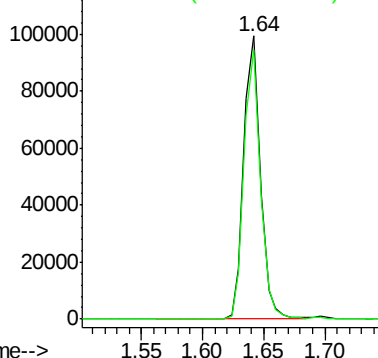
94 100

96 95.0 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.57 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000321.D

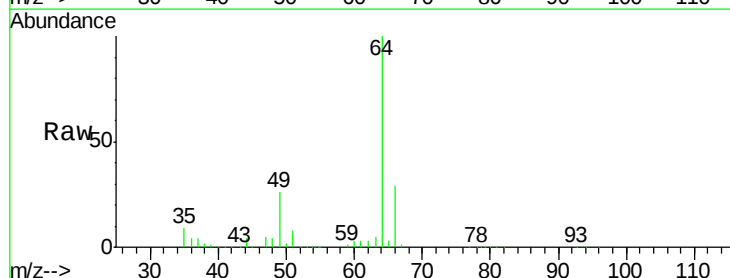
Acq: 14 Mar 2018 18:32

Tgt Ion: 64 Resp: 55535

Ion Ratio Lower Upper

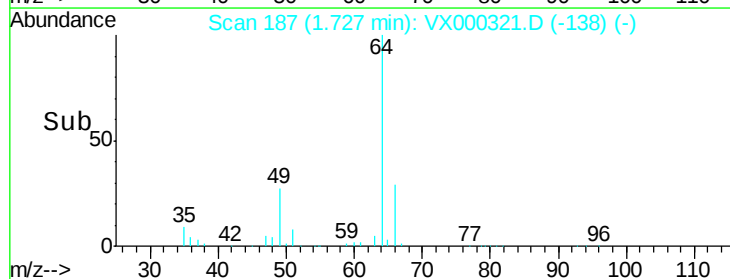
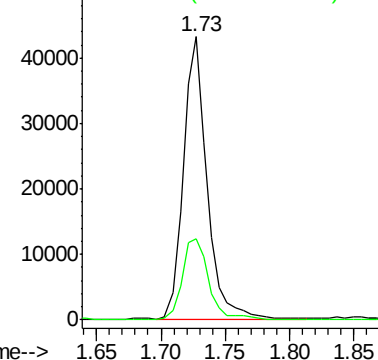
64 100

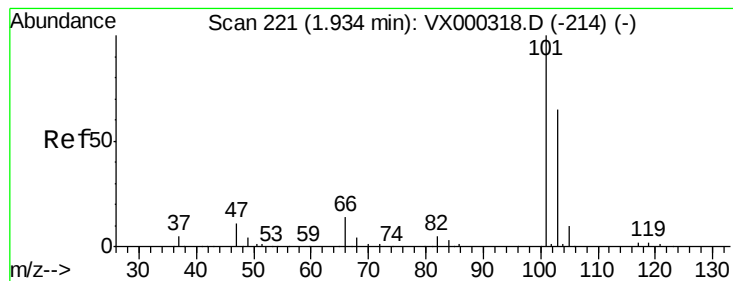
66 28.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



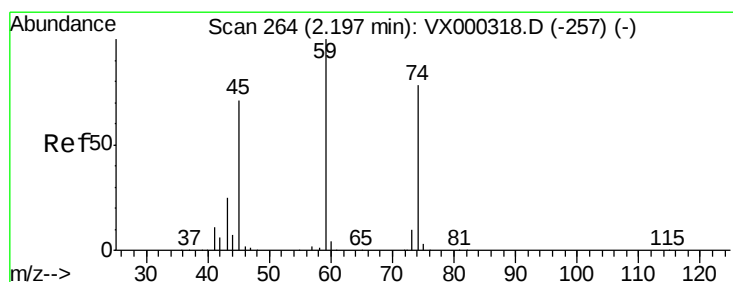
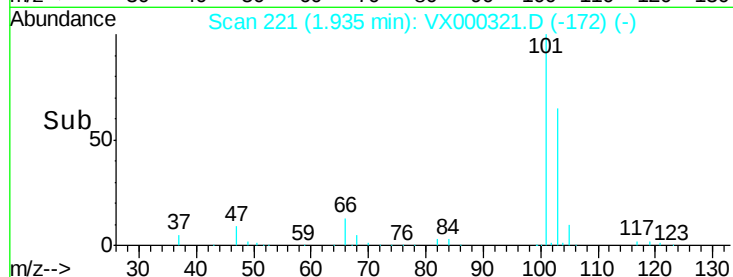
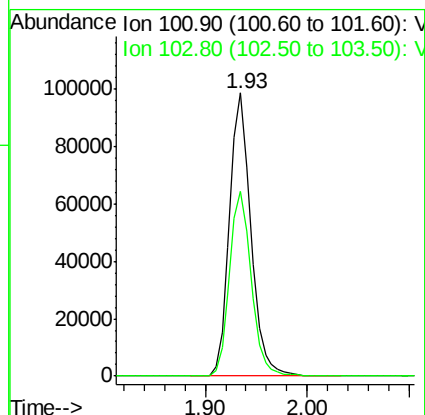
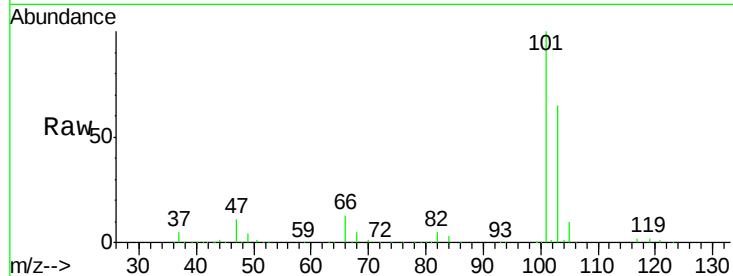


#7

Trichlorofluoromethane
Concen: 50.23 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
BFB

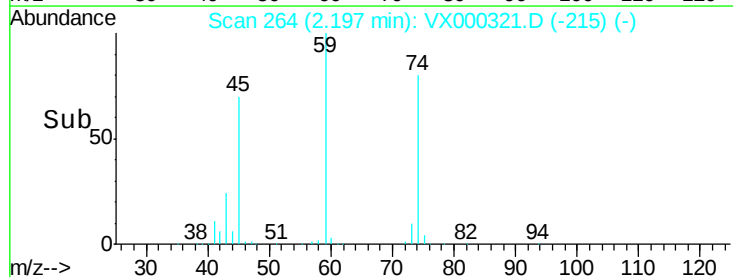
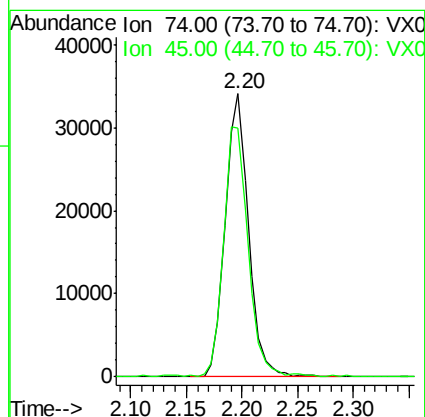
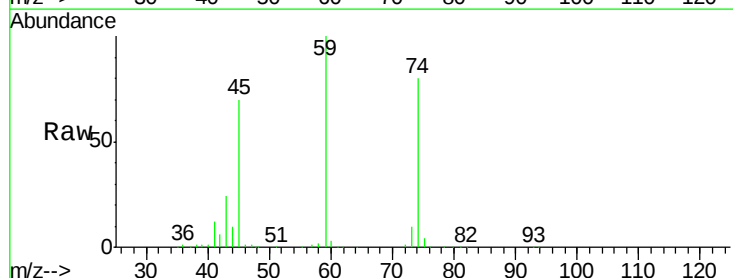
Tgt Ion:101 Resp: 143314
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

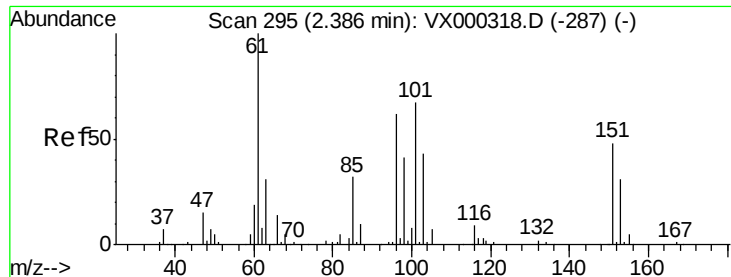


#8

Diethyl Ether
Concen: 48.66 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 74 Resp: 49421
Ion Ratio Lower Upper
74 100
45 92.1 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.42 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

BFB

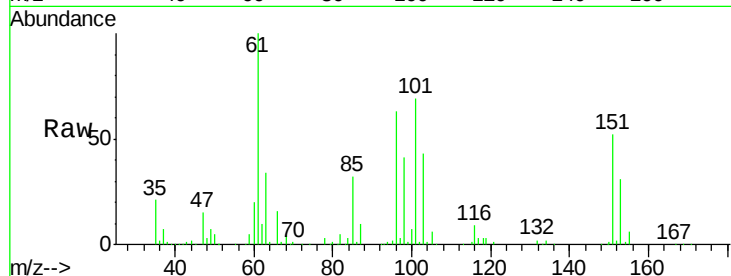
Tgt Ion:101 Resp: 75916

Ion Ratio Lower Upper

101 100

85 48.4 37.6 56.4

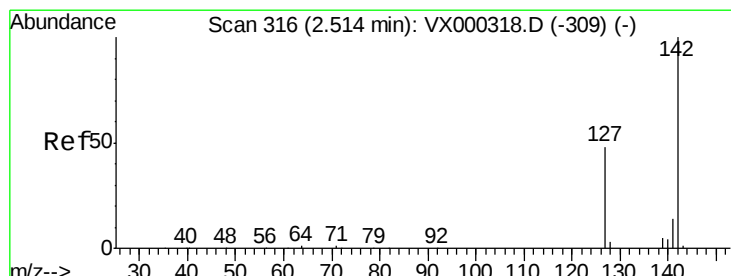
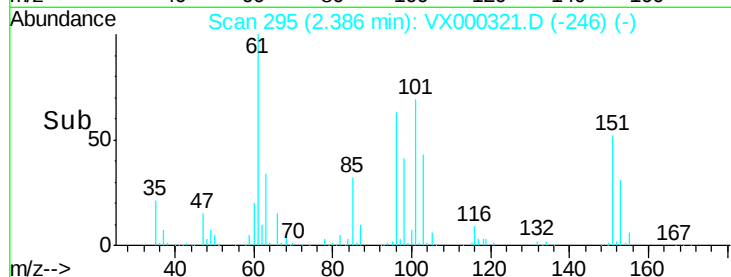
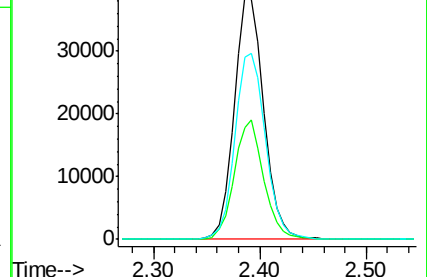
151 79.1 62.6 93.8



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: 49.04 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

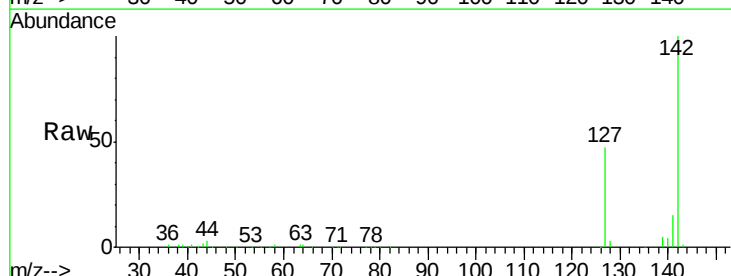
Tgt Ion:142 Resp: 76114

Ion Ratio Lower Upper

142 100

127 49.0 39.2 58.8

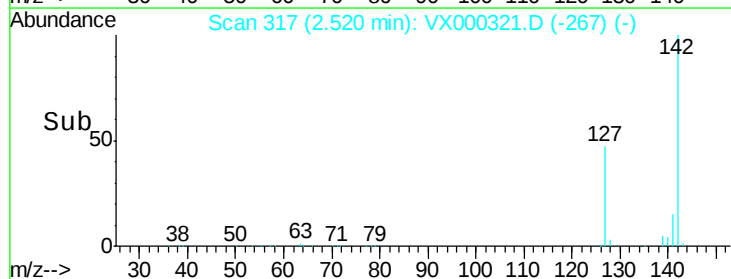
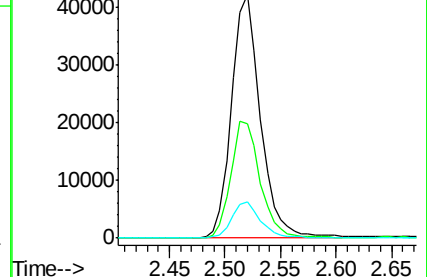
141 14.7 11.7 17.5

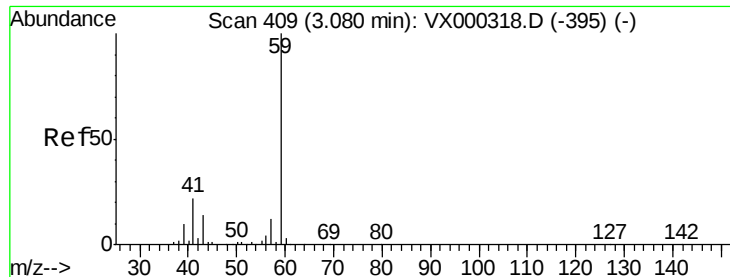


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

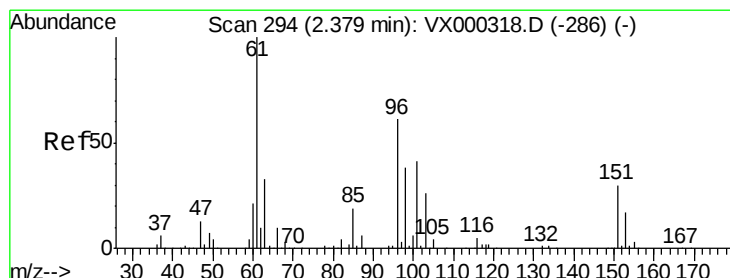
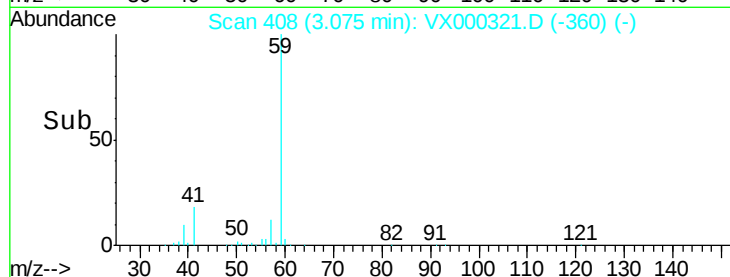
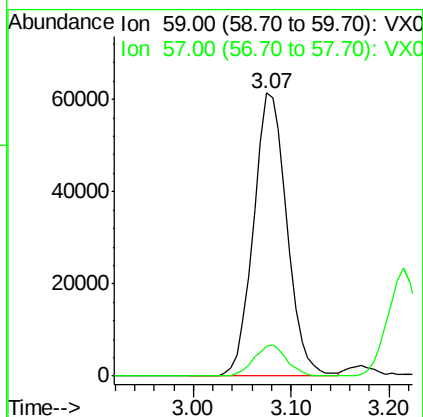
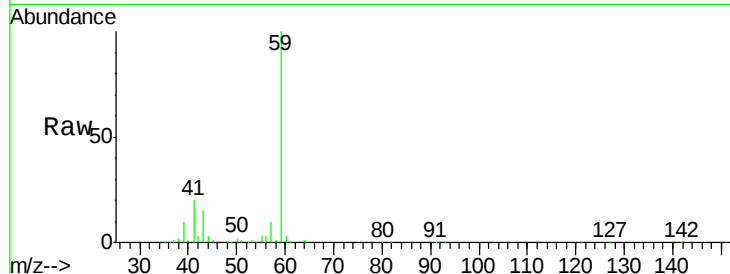




#11
Tert butyl alcohol
Concen: 244.74 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

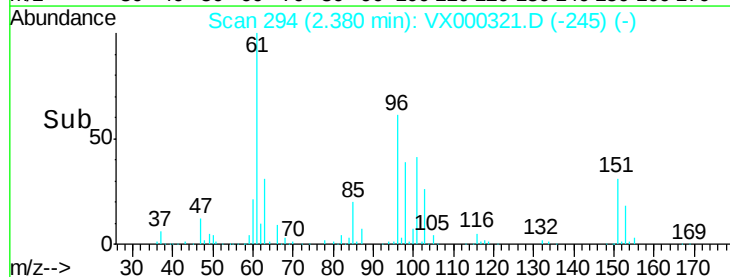
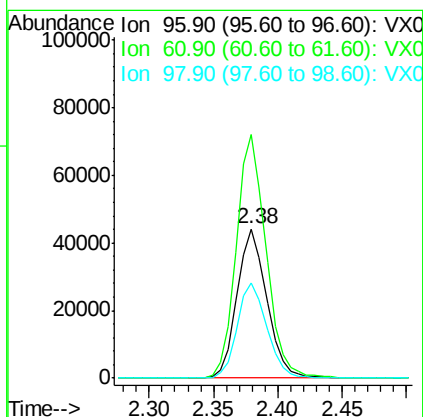
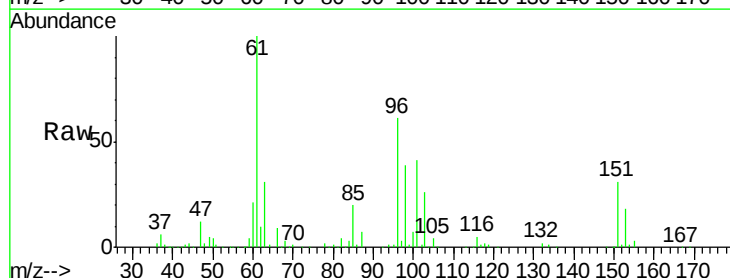
Instrument :
MSVOA_X
ClientSampled :
BFB

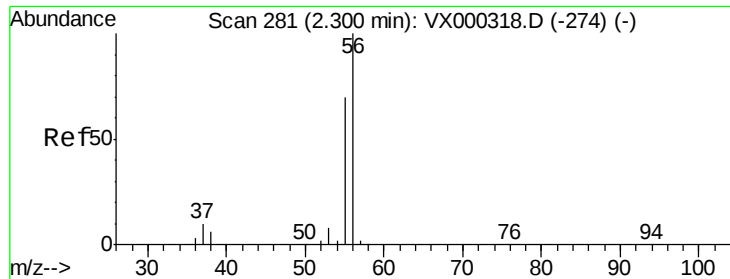
Tgt Ion: 59 Resp: 146308
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 48.78 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 96 Resp: 71119
Ion Ratio Lower Upper
96 100
61 163.0 131.2 196.8
98 64.1 49.8 74.8





#13

Acrolein

Concen: 254.93 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

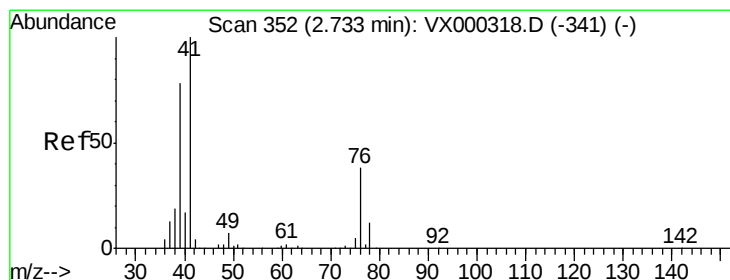
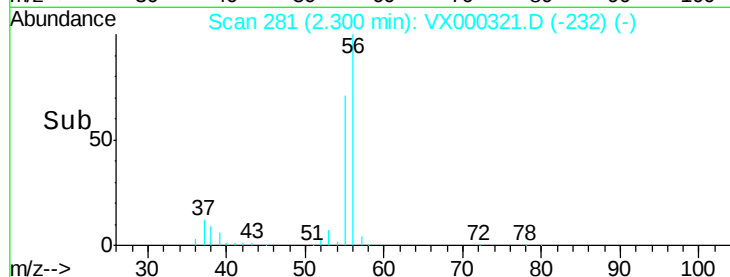
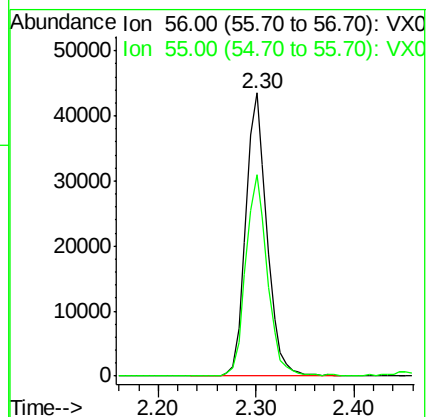
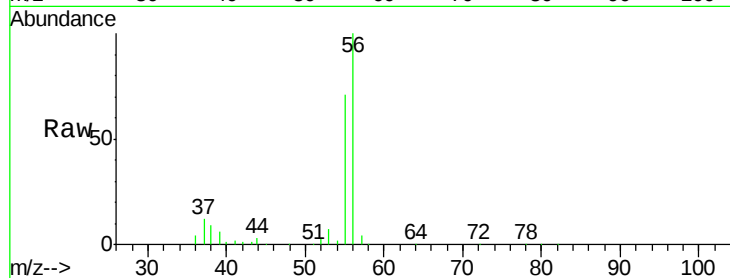
BFB

Tgt Ion: 56 Resp: 65566

Ion Ratio Lower Upper

56 100

55 72.6 58.8 88.2



#14

Allyl chloride

Concen: 47.97 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

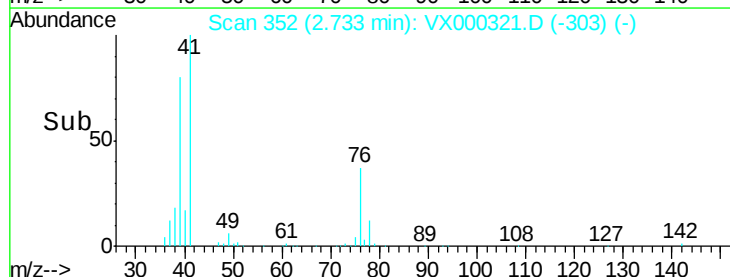
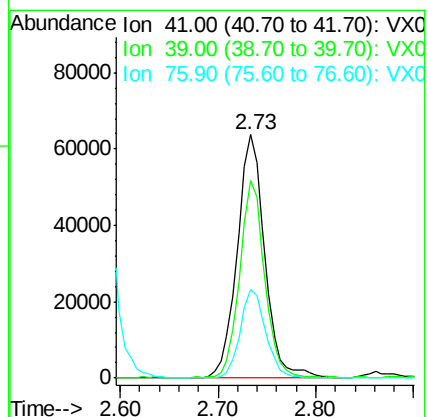
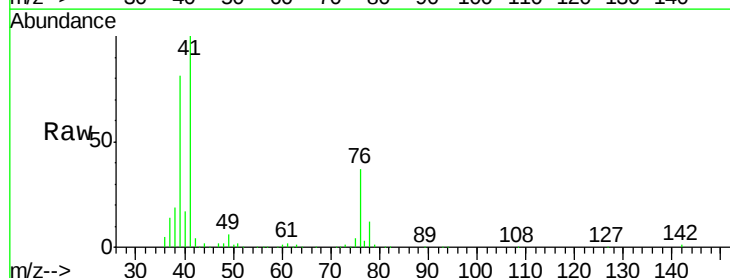
Tgt Ion: 41 Resp: 124701

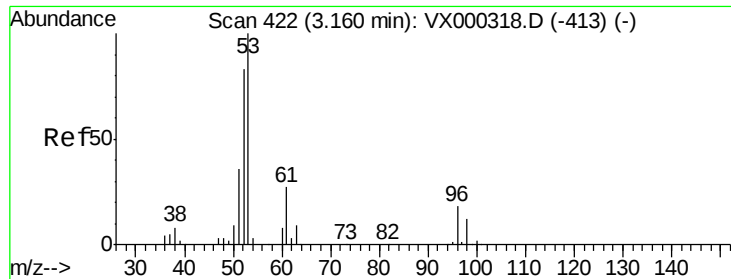
Ion Ratio Lower Upper

41 100

39 73.3 57.6 86.4

76 34.1 27.3 40.9





#15

Acrylonitrile

Concen: 241.56 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

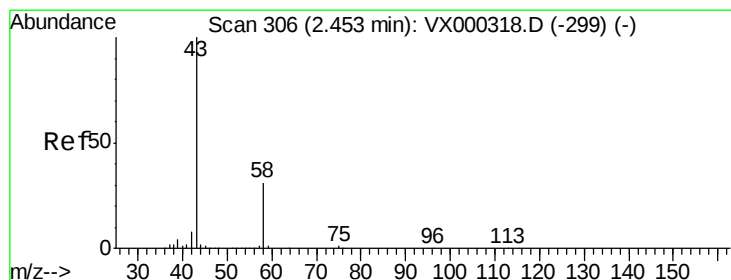
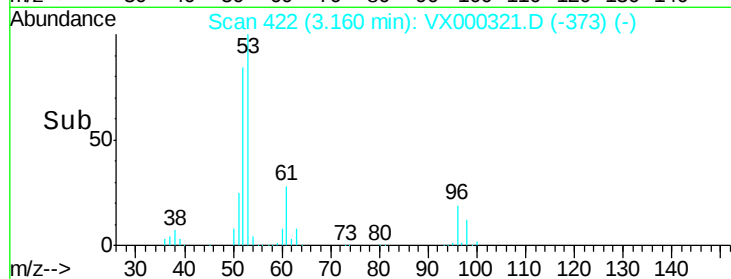
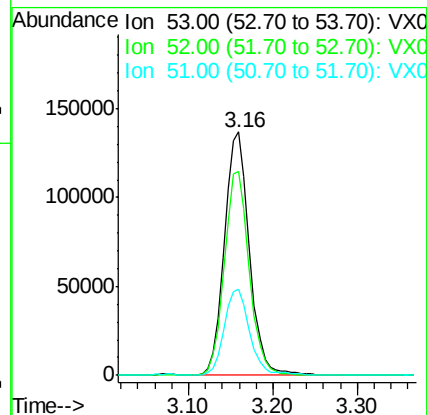
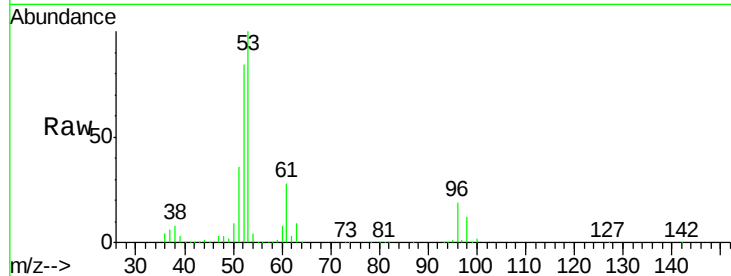
Tgt Ion: 53 Resp: 278437

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 36.5 29.3 43.9



#16

Acetone

Concen: 239.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000321.D

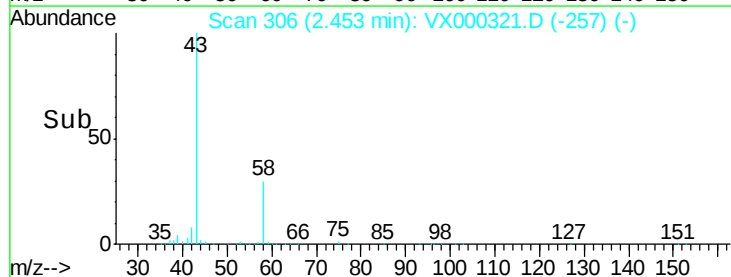
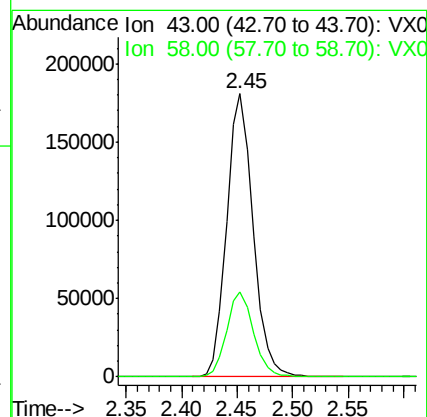
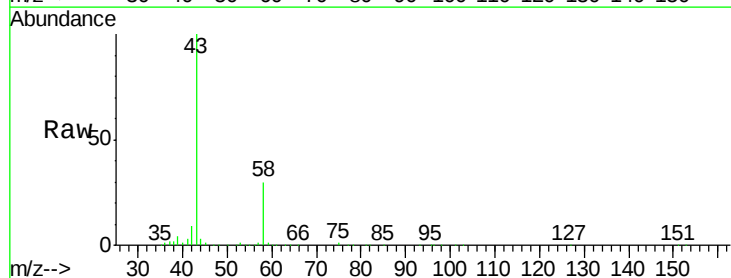
Acq: 14 Mar 2018 18:32

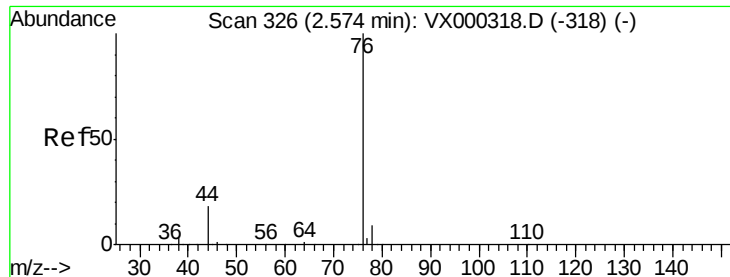
Tgt Ion: 43 Resp: 295714

Ion Ratio Lower Upper

43 100

58 30.2 24.7 37.1

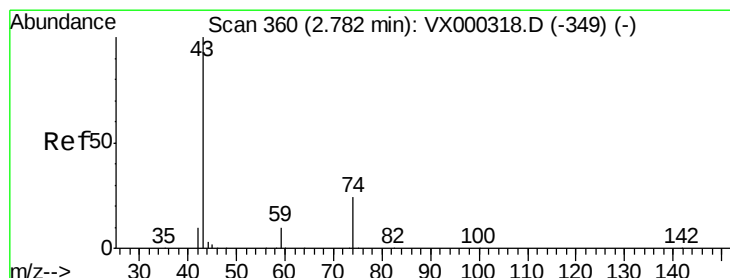
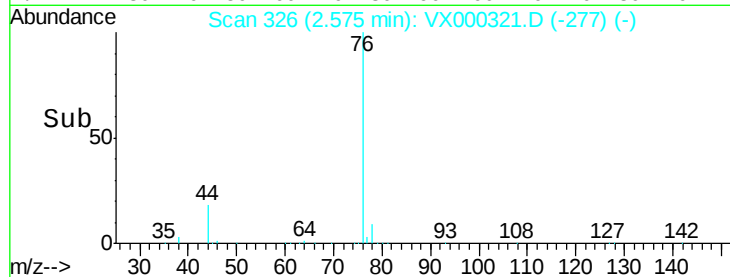
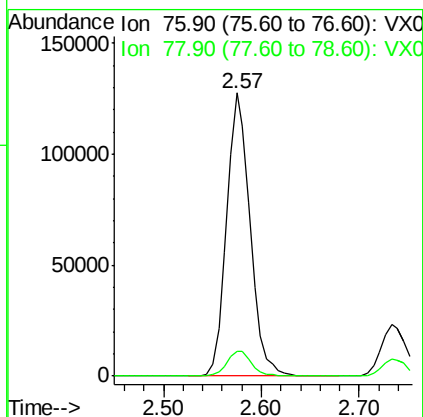
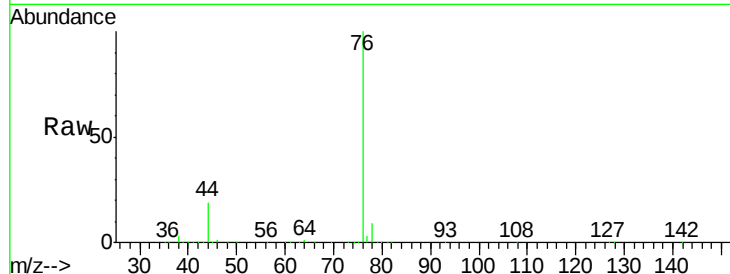




#17
Carbon Disulfide
Concen: 49.83 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

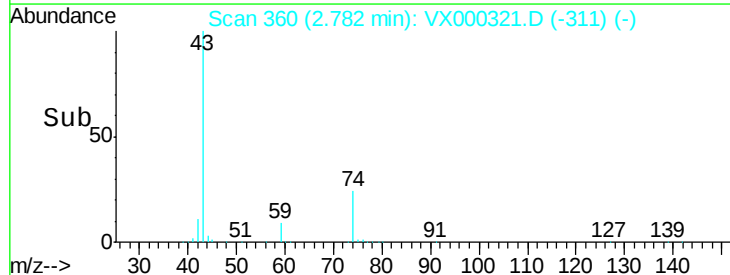
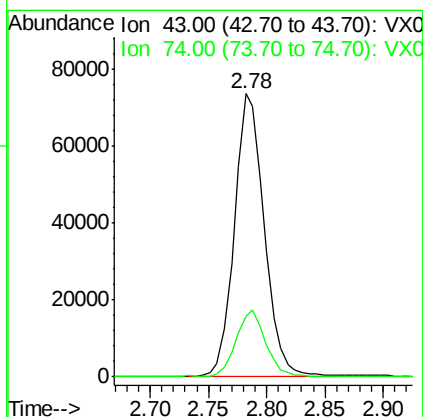
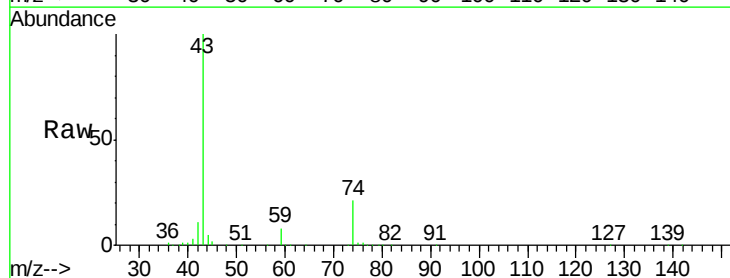
Instrument :
MSVOA_X
ClientSampled :
BFB

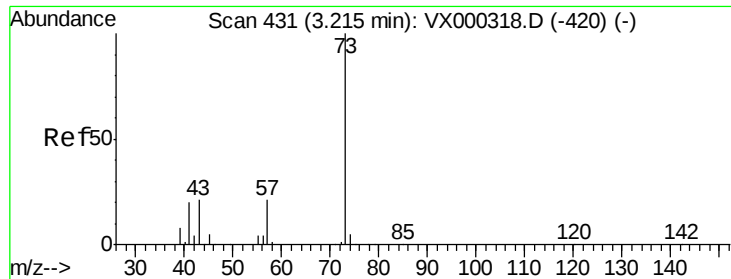
Tgt Ion: 76 Resp: 212200
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 47.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 43 Resp: 130887
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2

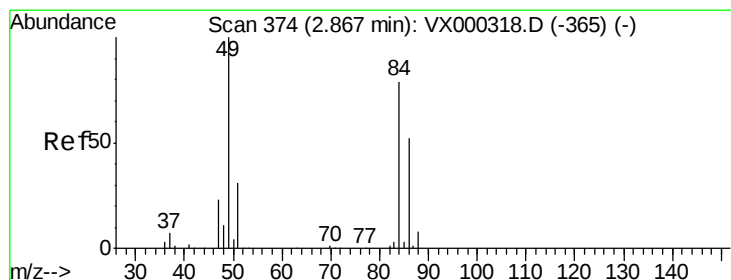
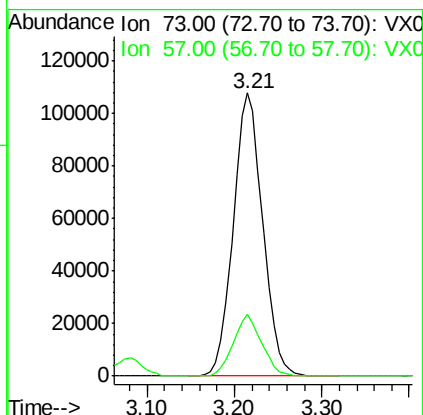
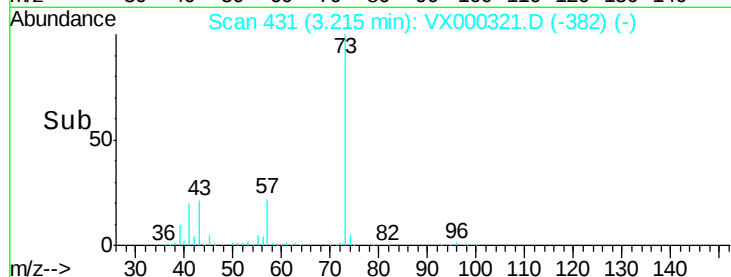
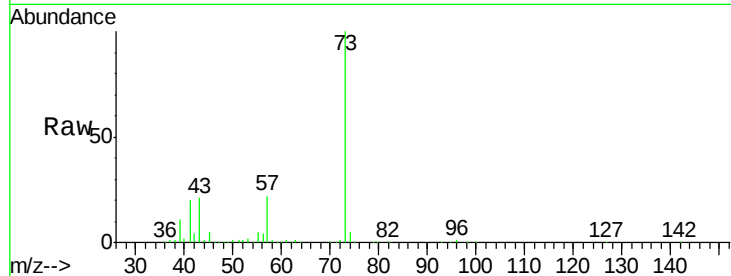




#19
Methyl tert-butyl Ether
Concen: 49.04 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

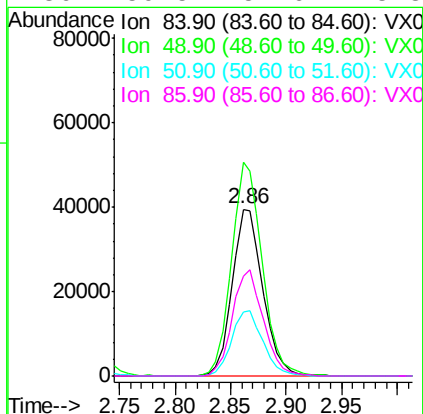
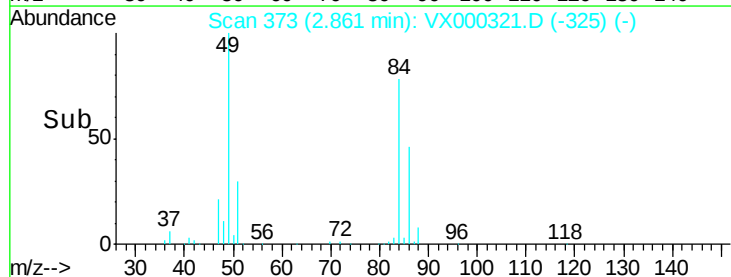
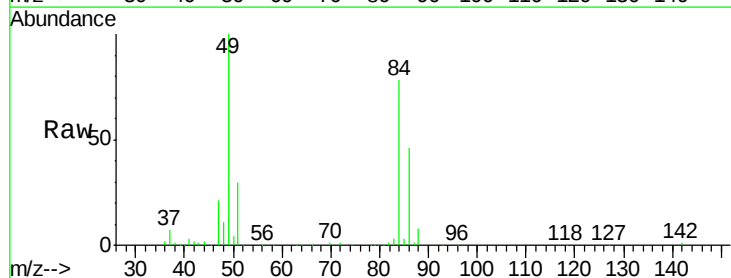
Instrument :
MSVOA_X
ClientSampleId :
BFB

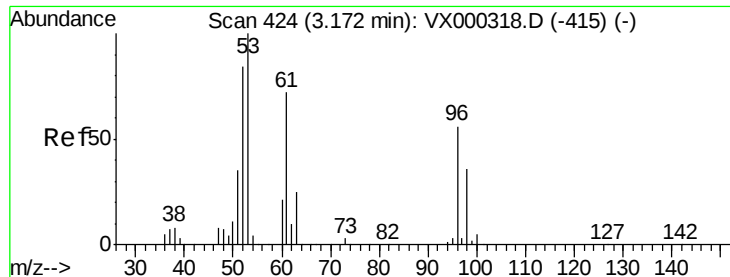
Tgt Ion: 73 Resp: 251689
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 47.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 84 Resp: 75454
Ion Ratio Lower Upper
84 100
49 127.9 100.6 151.0
51 38.0 31.6 47.4
86 59.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.29 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

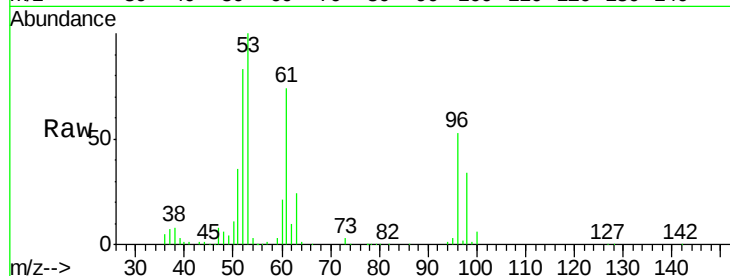
Tgt Ion: 96 Resp: 77839

Ion Ratio Lower Upper

96 100

61 139.5 104.0 156.0

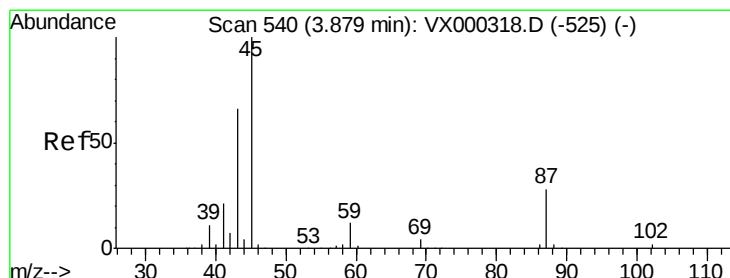
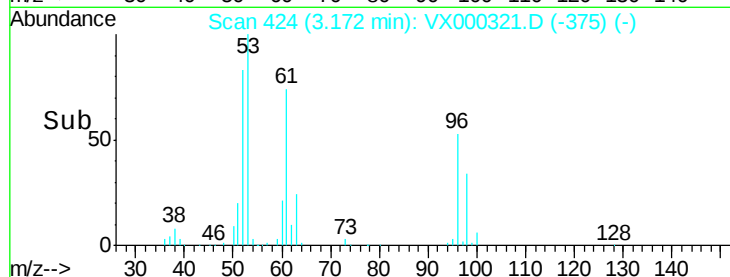
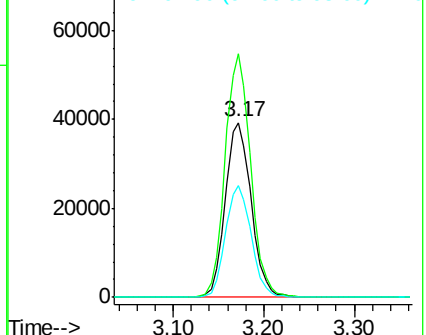
98 63.9 52.1 78.1



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: 45.28 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Tgt Ion: 45 Resp: 195933

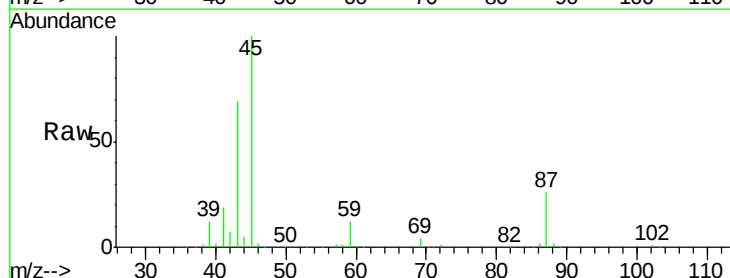
Ion Ratio Lower Upper

45 100

43 68.4 53.9 80.9

87 25.6 22.6 34.0

59 11.7 9.5 14.3

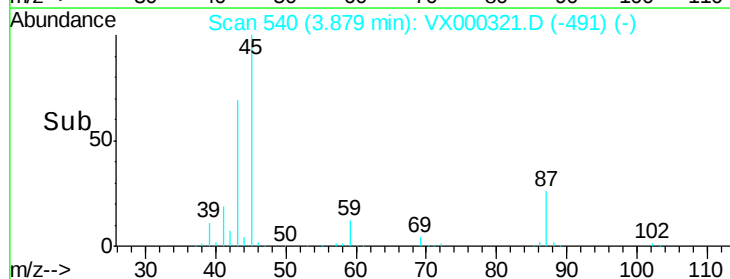
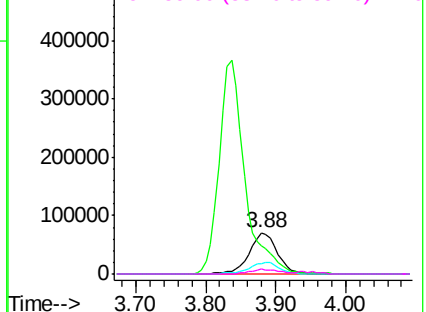


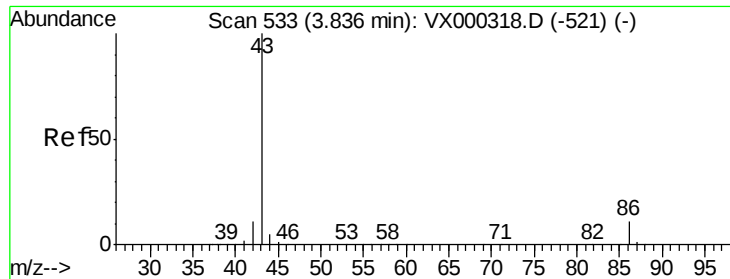
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.25 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

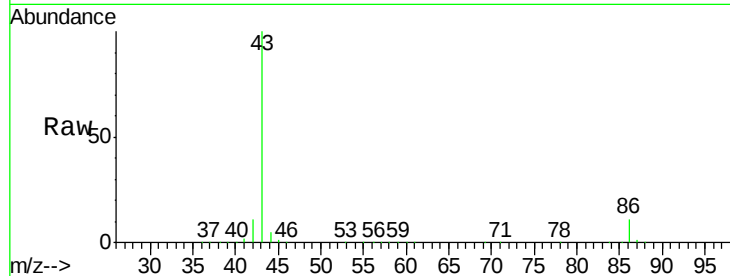
BFB

Tgt Ion: 43 Resp: 941324

Ion Ratio Lower Upper

43 100

86 10.6 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

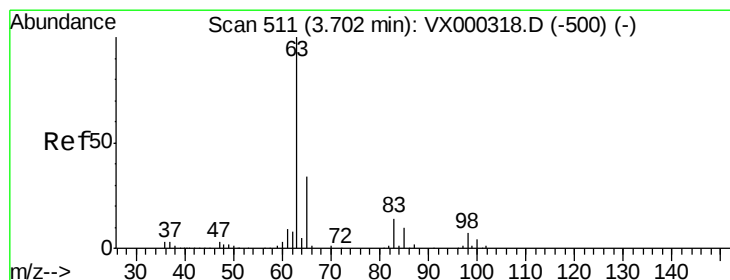
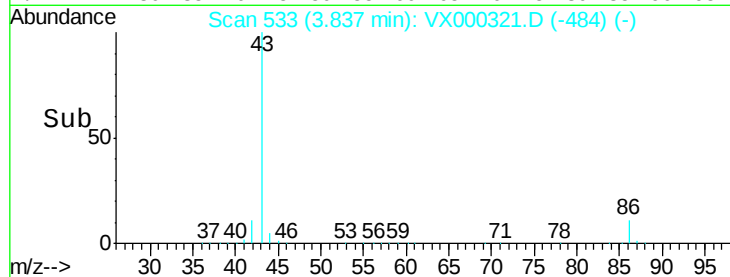
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.92 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

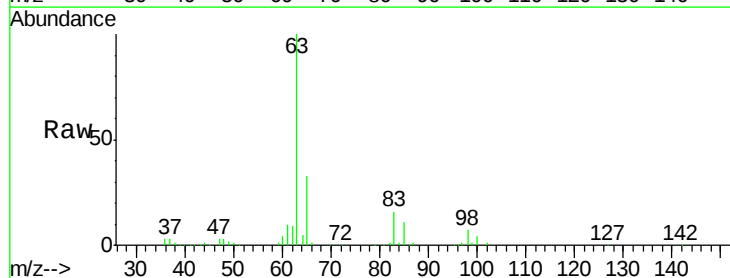
Tgt Ion: 63 Resp: 124994

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.3 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.71

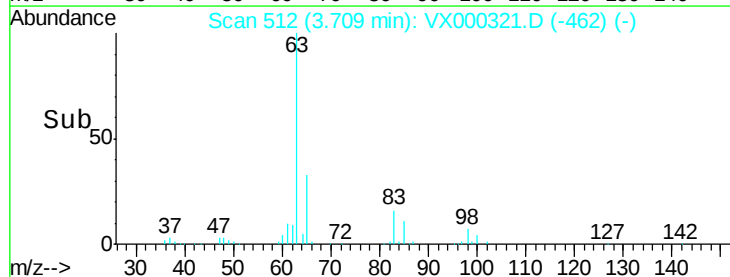
60000

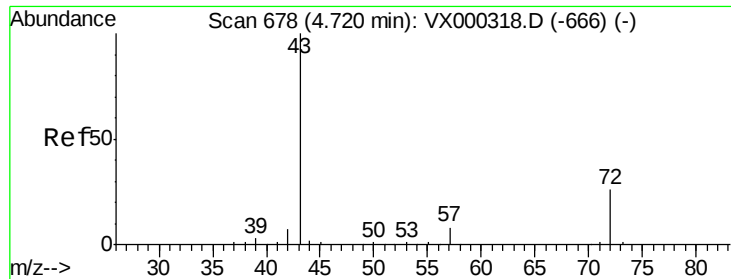
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.68 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

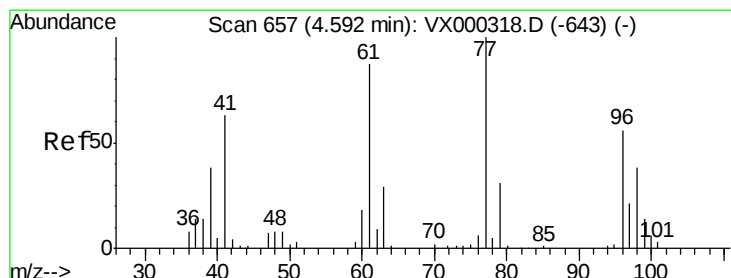
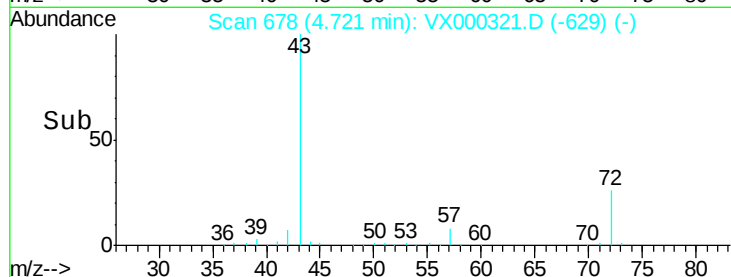
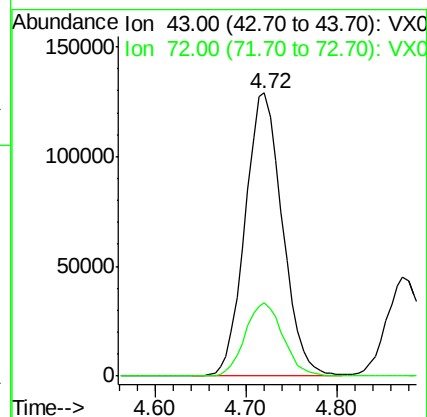
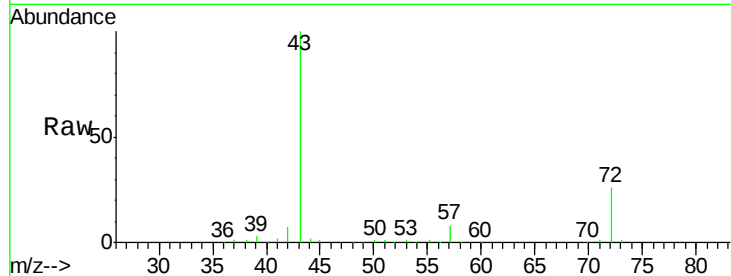
BFB

Tgt Ion: 43 Resp: 368142

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 50.36 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000321.D

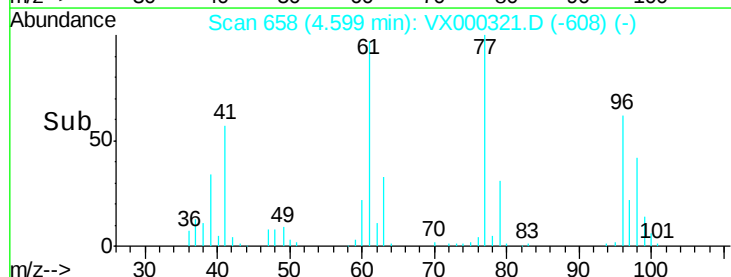
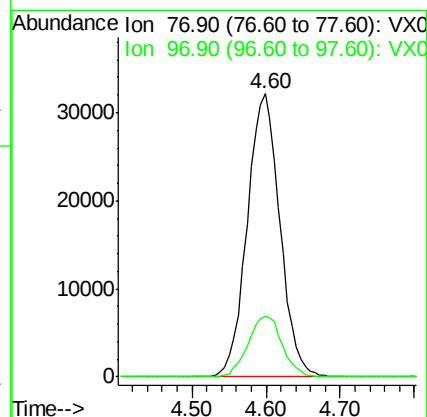
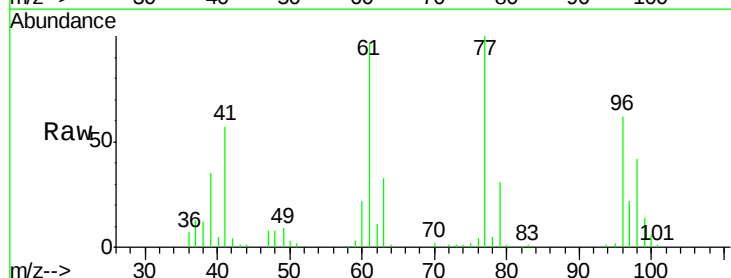
Acq: 14 Mar 2018 18:32

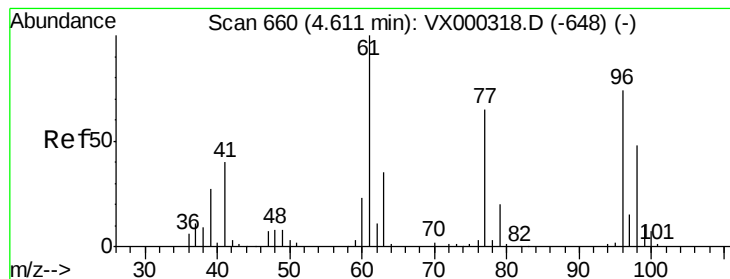
Tgt Ion: 77 Resp: 98941

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 47.52 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

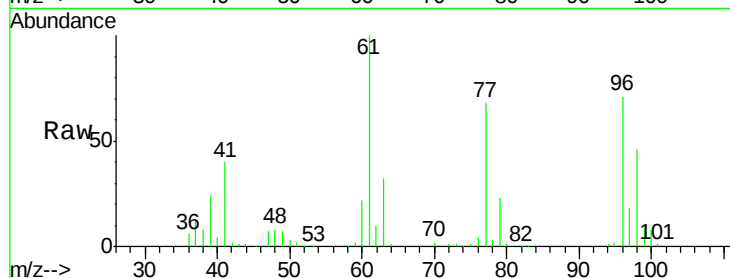
Tgt Ion: 96 Resp: 69959

Ion Ratio Lower Upper

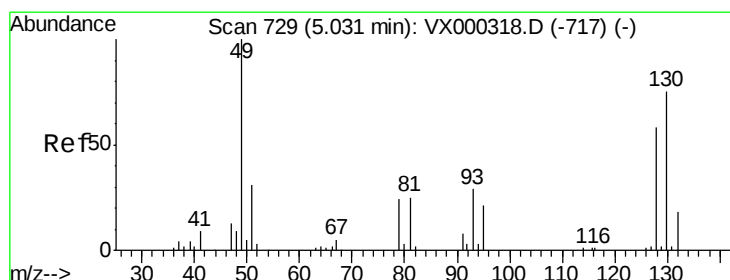
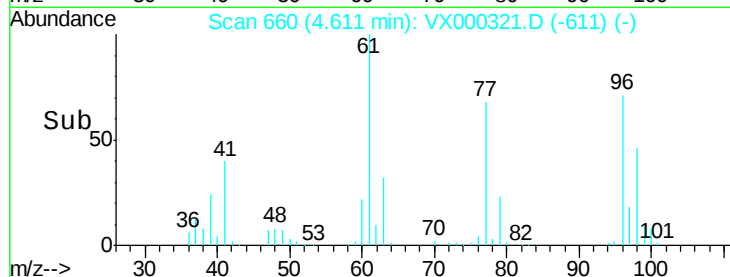
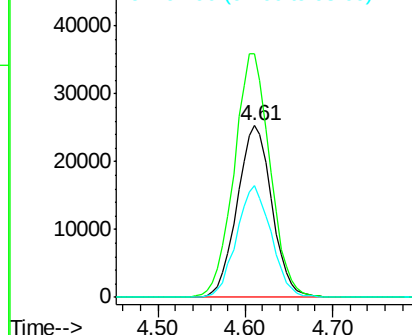
96 100

61 146.9 0.0 291.6

98 64.9 0.0 132.0



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: 52.84 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

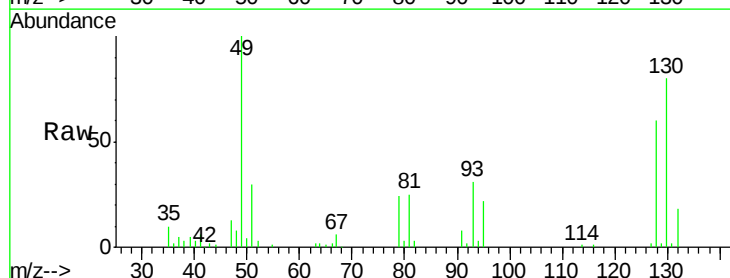
Tgt Ion: 49 Resp: 60454

Ion Ratio Lower Upper

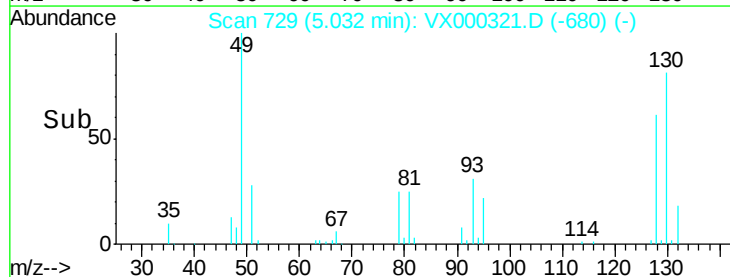
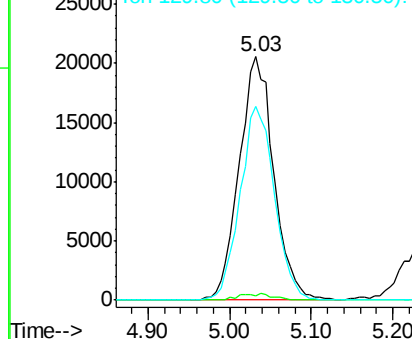
49 100

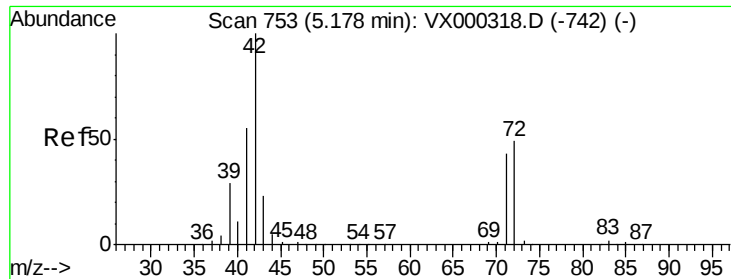
129 1.3 0.0 5.0

130 79.4 64.0 96.0



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

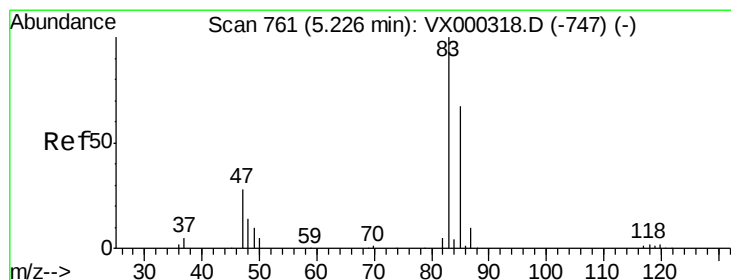
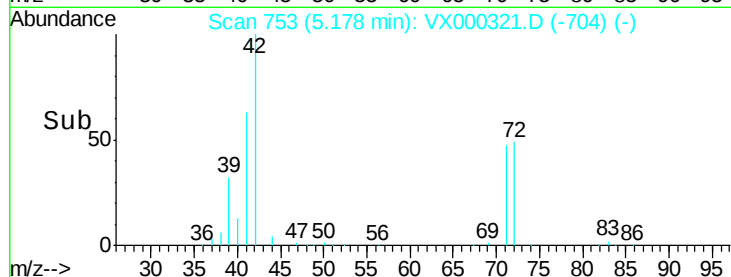
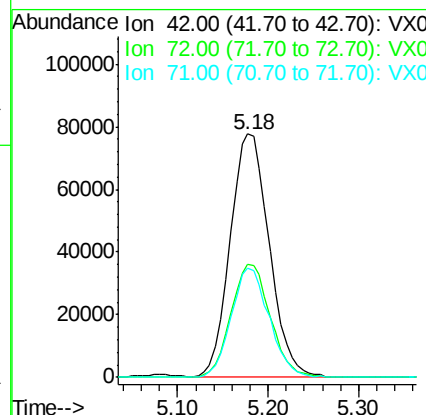
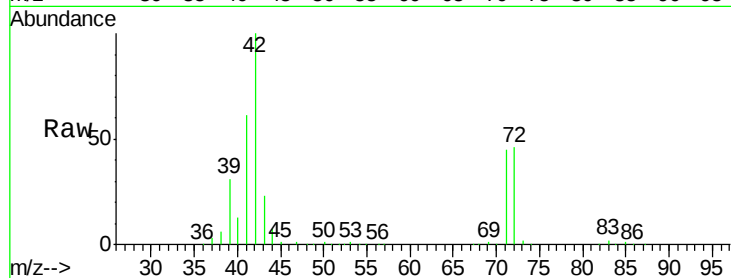




#29
Tetrahydrofuran
Concen: 243.78 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

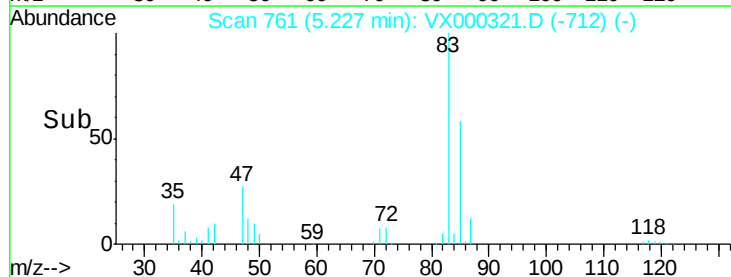
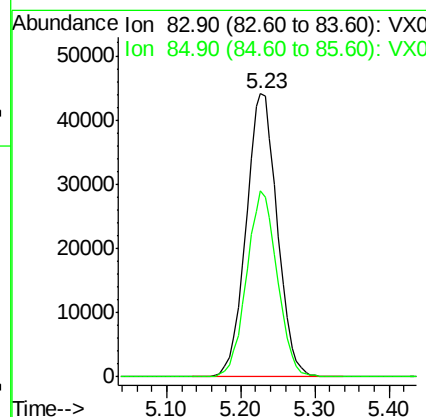
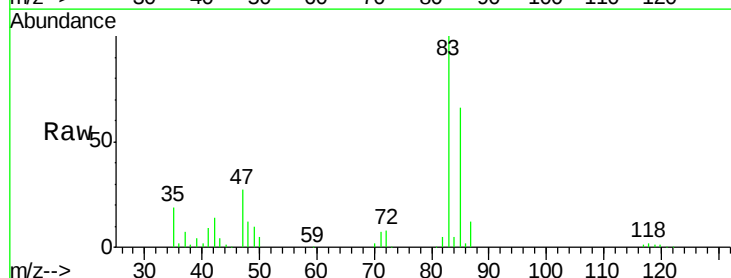
Instrument :
MSVOA_X
ClientSampled :
BFB

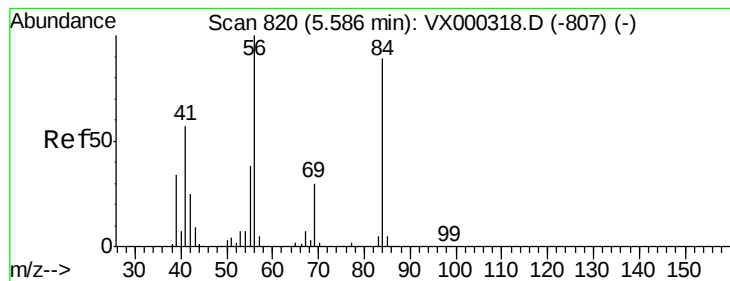
Tgt Ion: 42 Resp: 231350
Ion Ratio Lower Upper
42 100
72 47.2 37.9 56.9
71 44.1 34.4 51.6



#30
Chloroform
Concen: 50.20 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 83 Resp: 129001
Ion Ratio Lower Upper
83 100
85 65.7 53.3 79.9





#31

Cyclohexane

Concen: 49.47 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

BFB

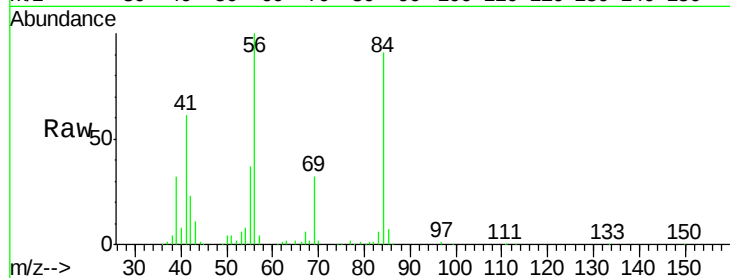
Tgt Ion: 56 Resp: 103318

Ion Ratio Lower Upper

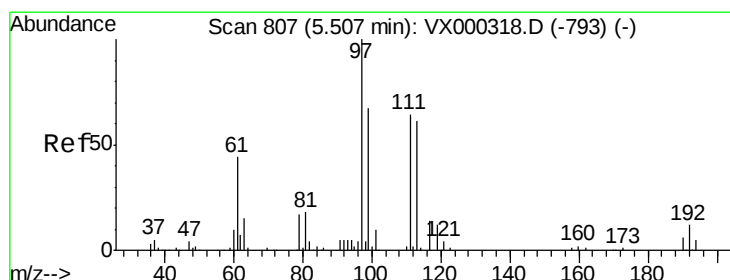
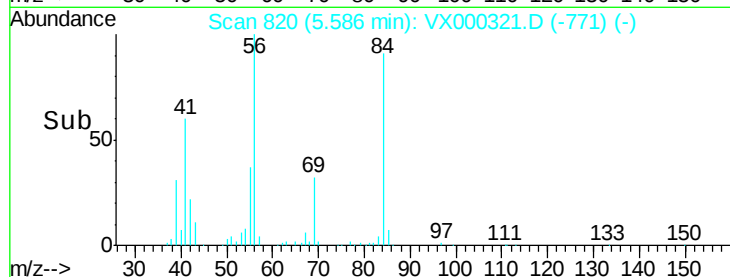
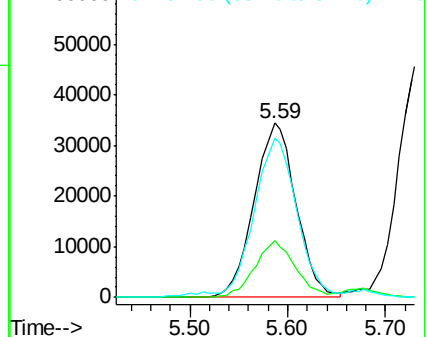
56 100

69 32.4 23.4 35.0

84 89.2 71.0 106.4



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: 51.06 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

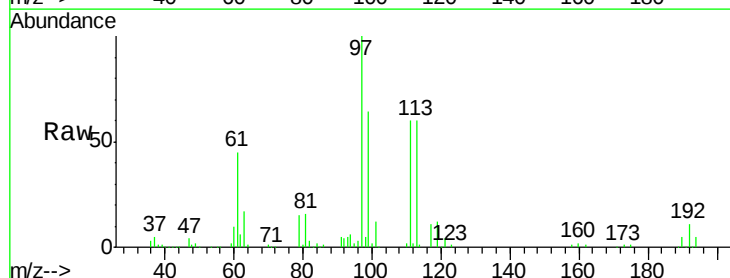
Tgt Ion: 97 Resp: 115959

Ion Ratio Lower Upper

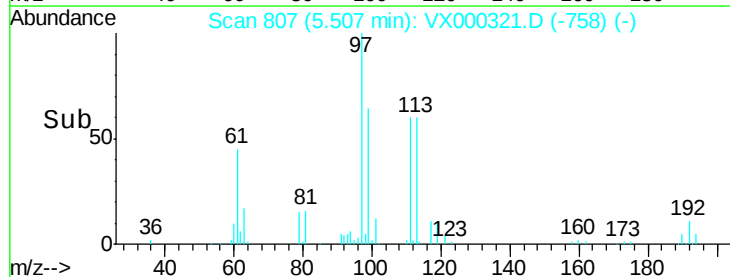
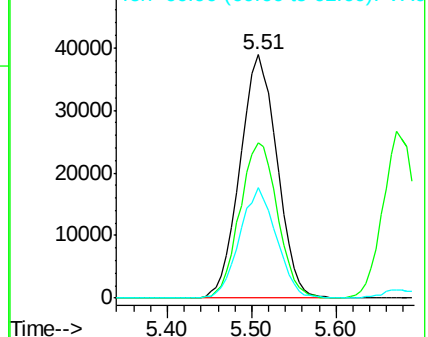
97 100

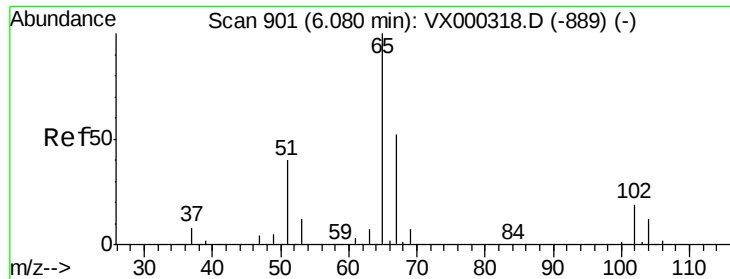
99 65.0 52.1 78.1

61 45.0 36.2 54.4



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

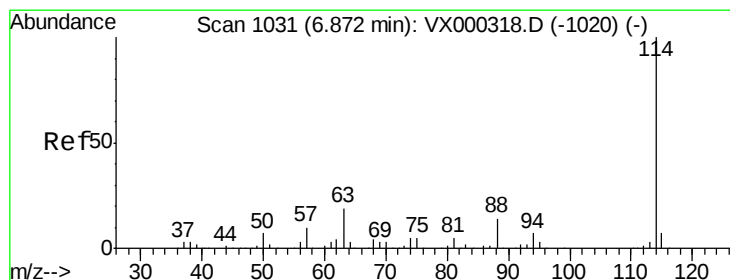
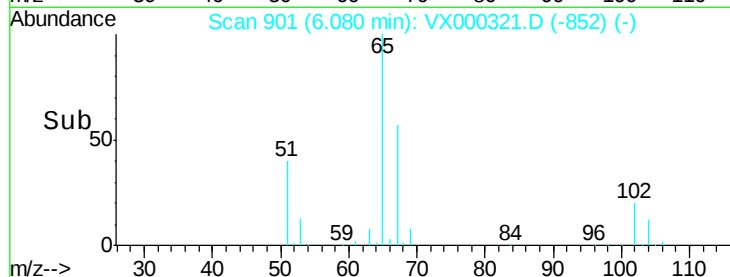
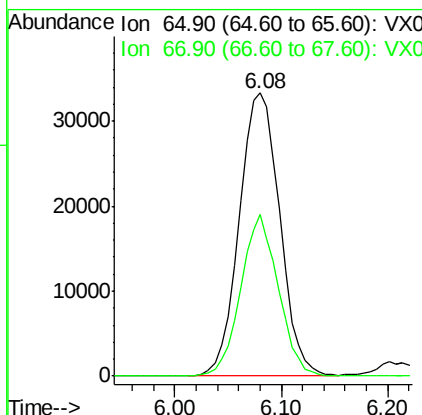
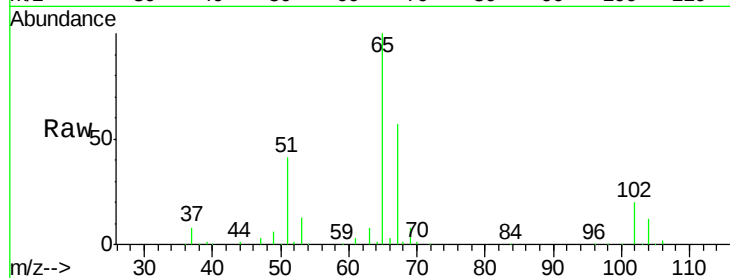




#33
 1,2-Dichloroethane-d4
 Concen: 48.24 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

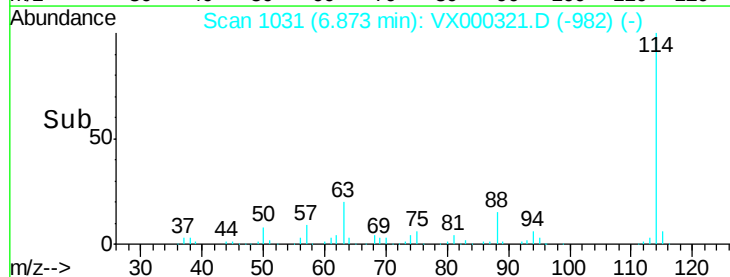
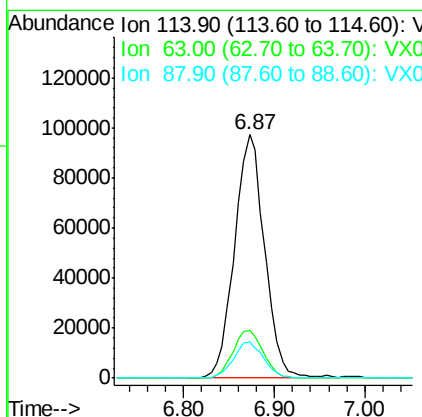
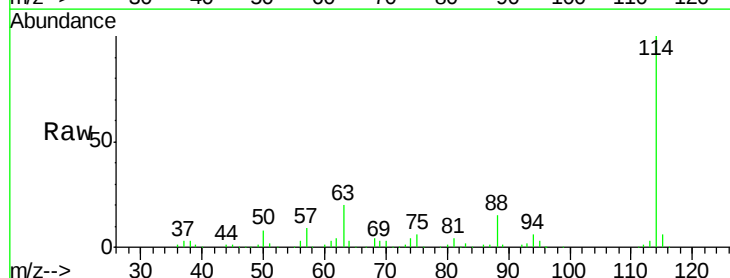
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

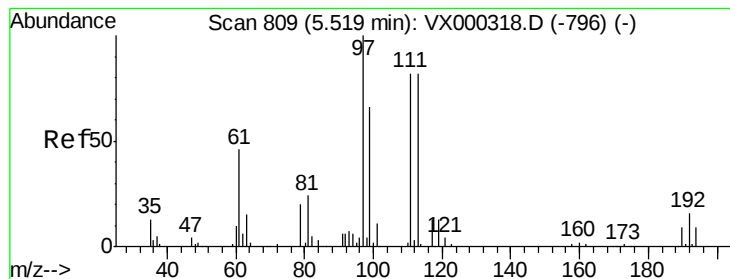
Tgt Ion: 65 Resp: 89134
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion: 114 Resp: 223538
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 14.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

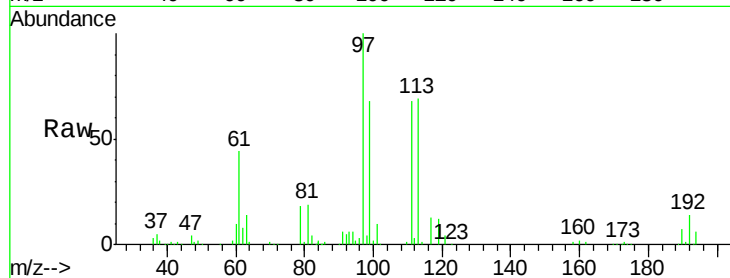
Tgt Ion:113 Resp: 70620

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

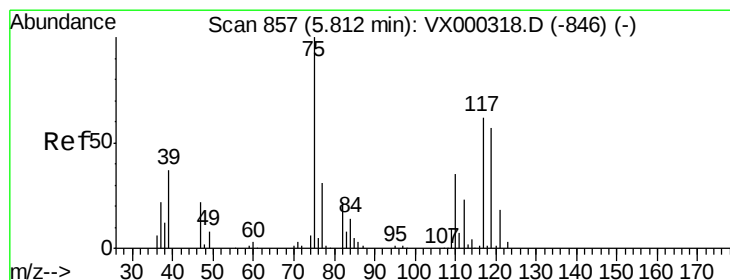
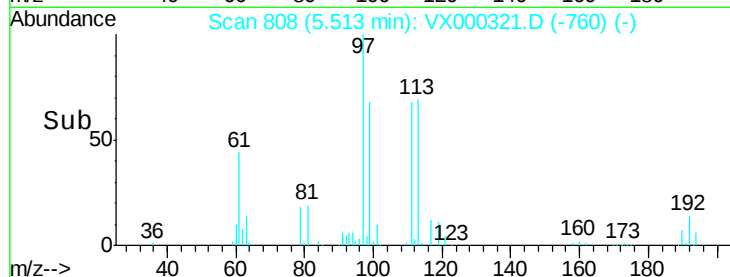
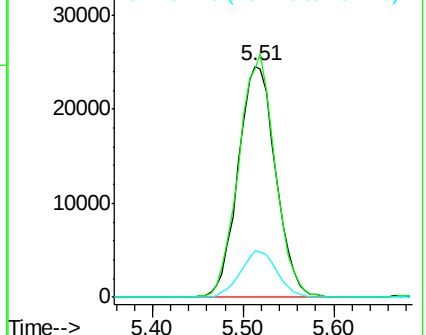
192 19.5 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.34 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

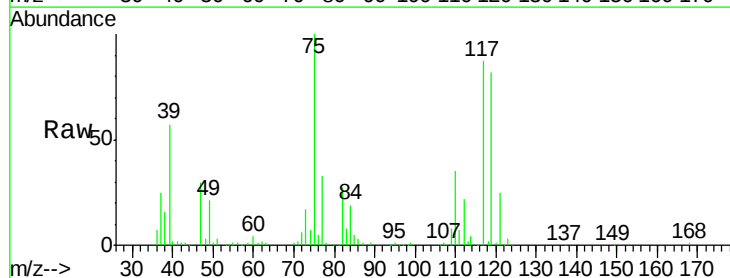
Tgt Ion: 75 Resp: 98175

Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.7

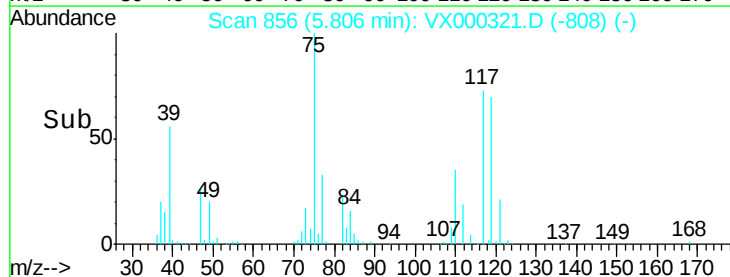
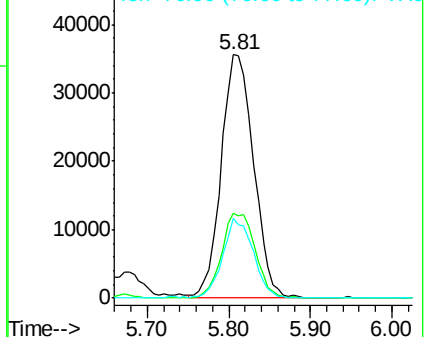
77 30.7 24.0 36.0

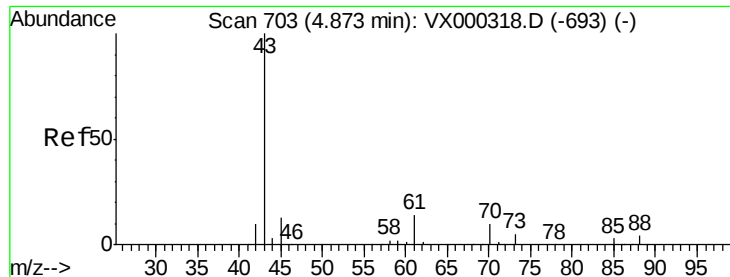


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.90 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

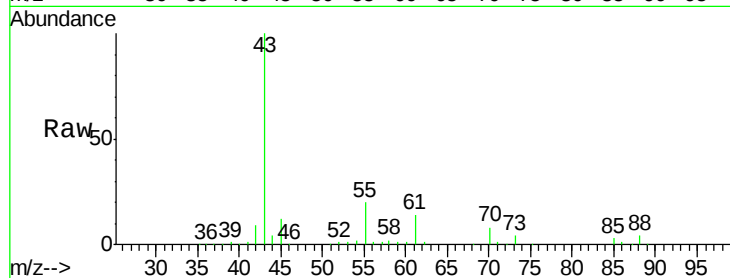
Tgt Ion: 43 Resp: 129307

Ion Ratio Lower Upper

43 100

61 13.5 11.1 16.7

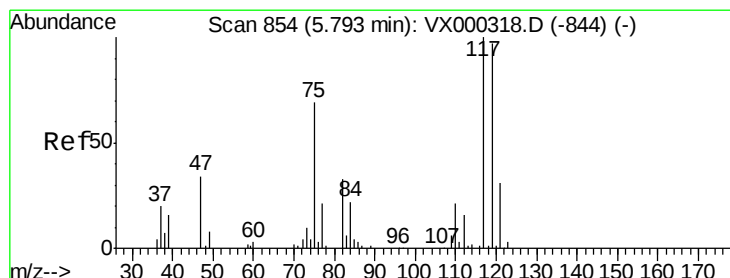
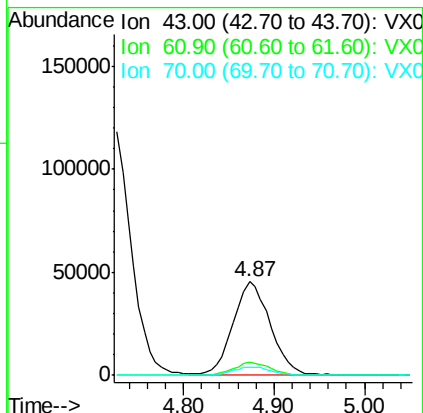
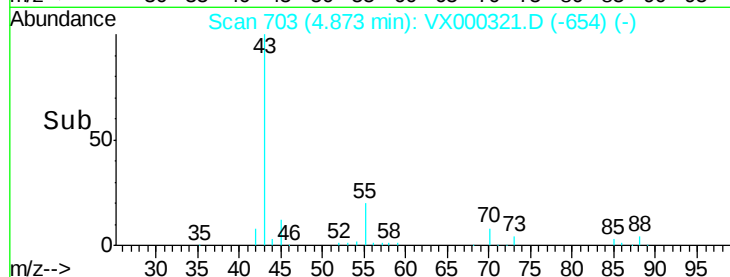
70 9.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX000321.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX000321.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX000321.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 49.70 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

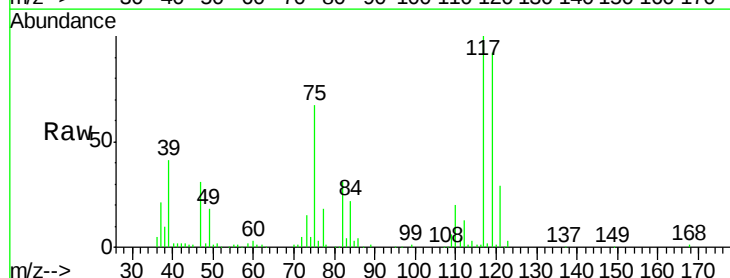
Tgt Ion: 117 Resp: 101763

Ion Ratio Lower Upper

117 100

119 92.1 77.4 116.2

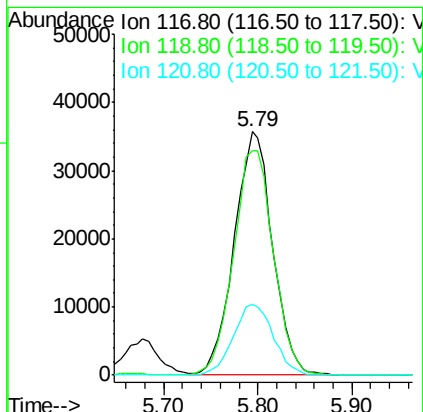
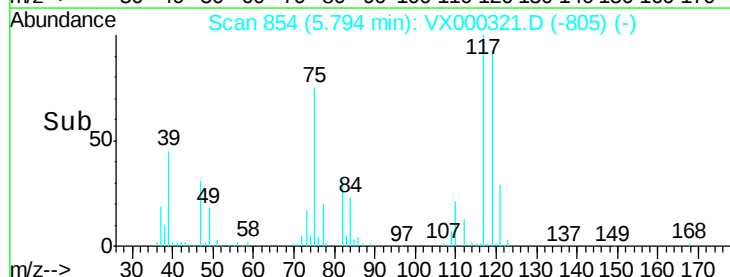
121 29.3 24.8 37.2

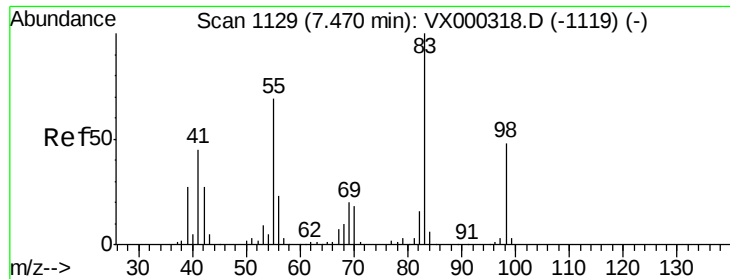


Abundance Ion 116.80 (116.50 to 117.50): VX000321.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000321.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000321.D (-805) (-)

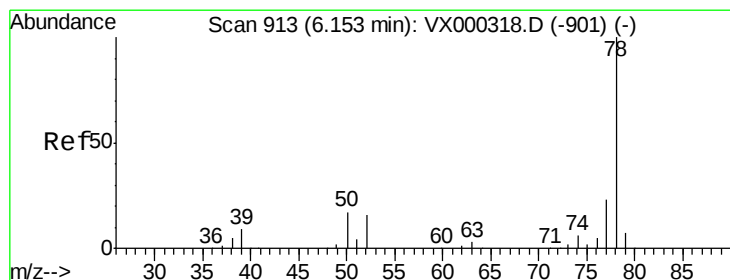
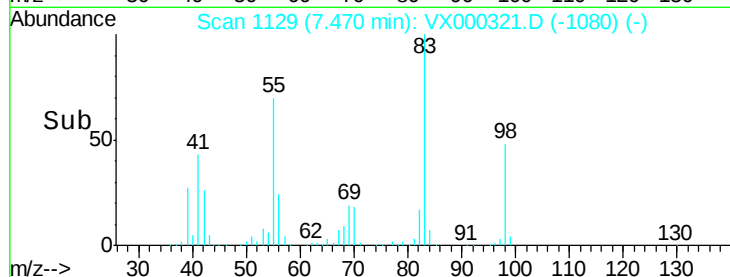
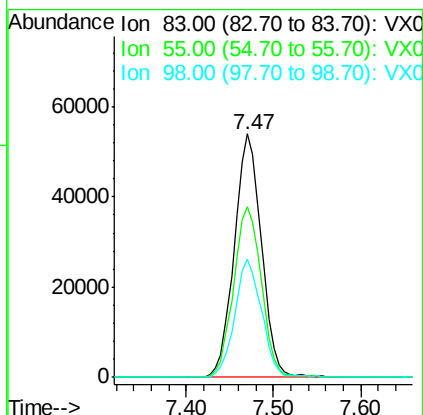
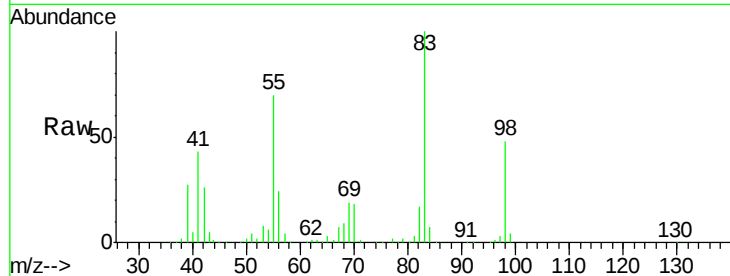




#39
Methylcyclohexane
Concen: 49.32 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

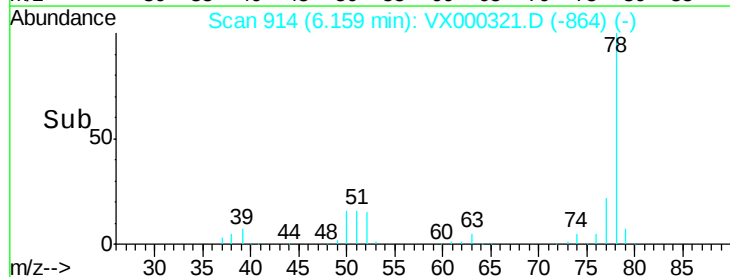
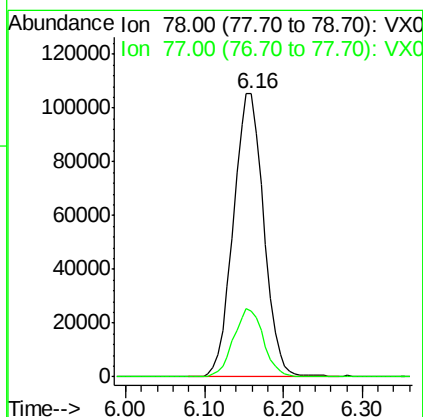
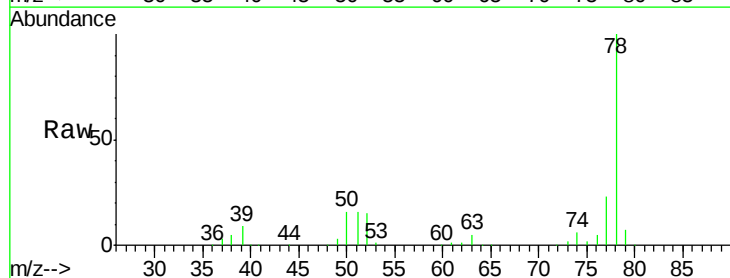
Instrument :
MSVOA_X
ClientSampleId :
BFB

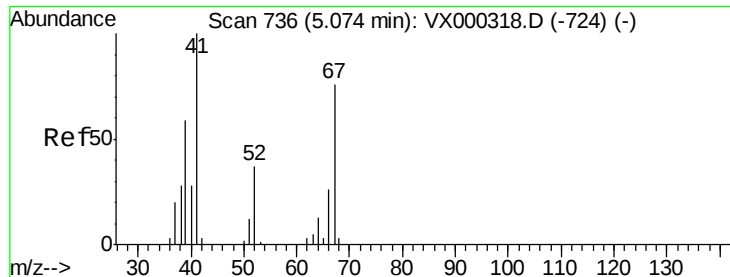
Tgt Ion: 83 Resp: 116838
Ion Ratio Lower Upper
83 100
55 69.9 55.5 83.3
98 48.3 38.2 57.4



#40
Benzene
Concen: 49.08 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 78 Resp: 282842
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

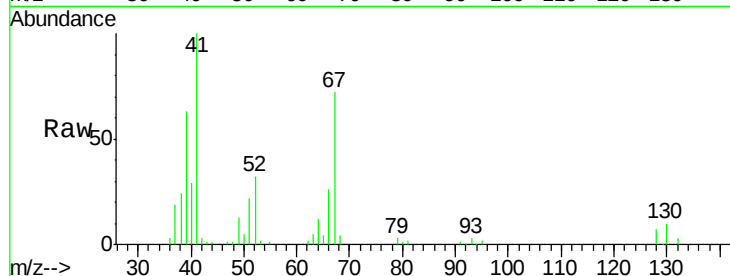




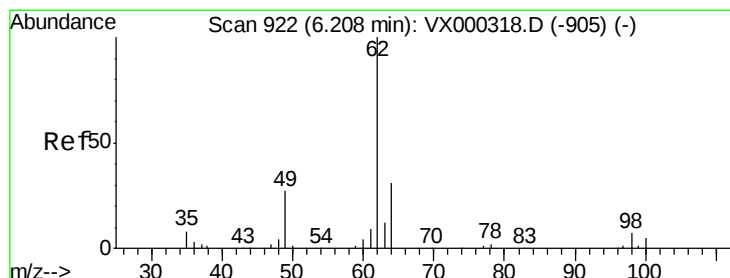
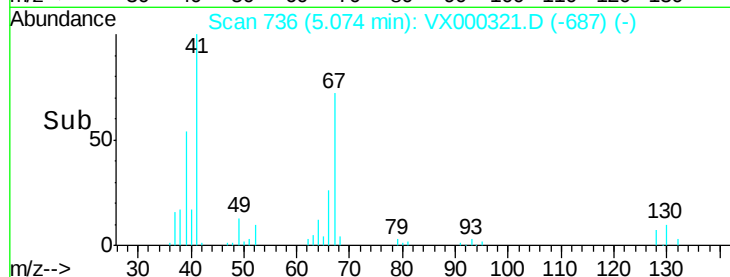
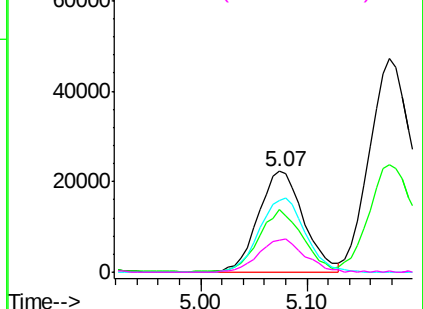
#41
Methacrylonitrile
Concen: 46.80 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion: 41 Resp: 66338
Ion Ratio Lower Upper
41 100
39 58.5 45.7 68.5
67 74.4 57.8 86.8
52 33.3 26.7 40.1

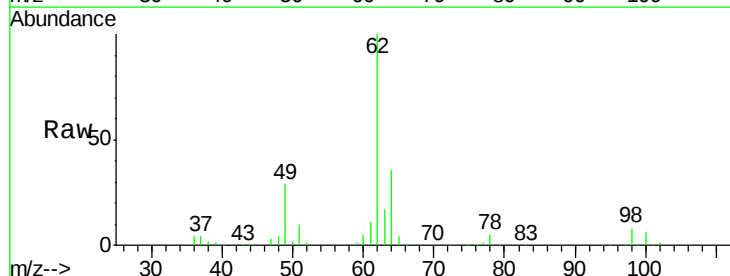


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

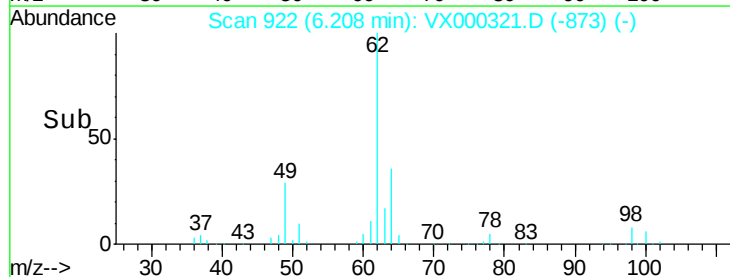
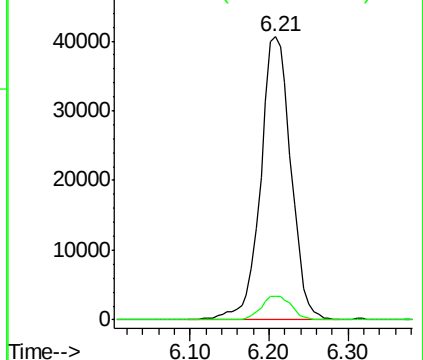


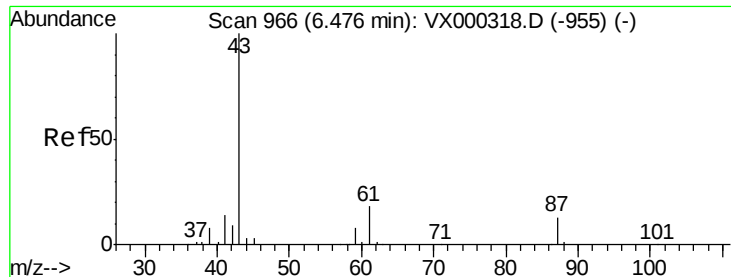
#42
1,2-Dichloroethane
Concen: 47.52 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 62 Resp: 108535
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 50.22 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

BFB

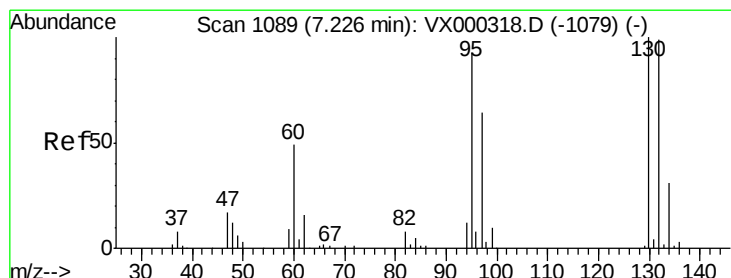
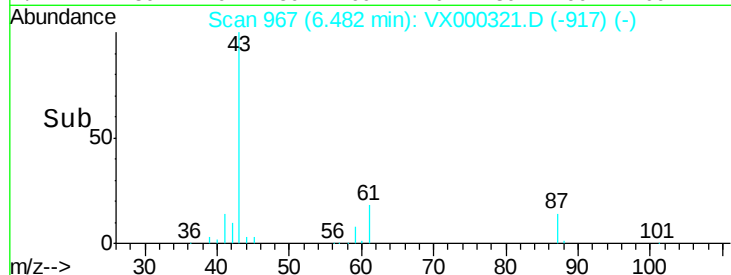
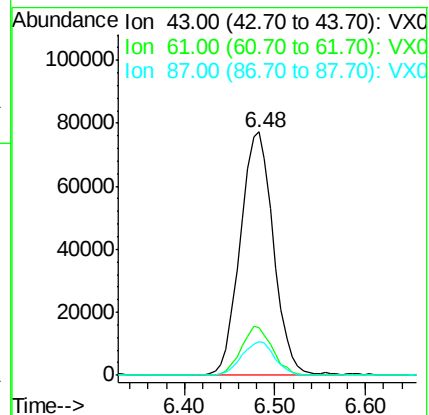
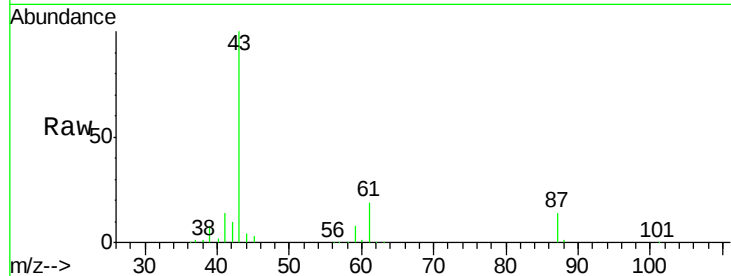
Tgt Ion: 43 Resp: 195655

Ion Ratio Lower Upper

43 100

61 19.0 14.4 21.6

87 13.7 11.0 16.4



#44

Trichloroethene

Concen: 48.51 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX000321.D

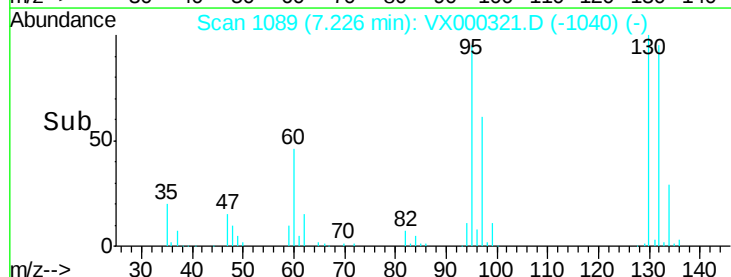
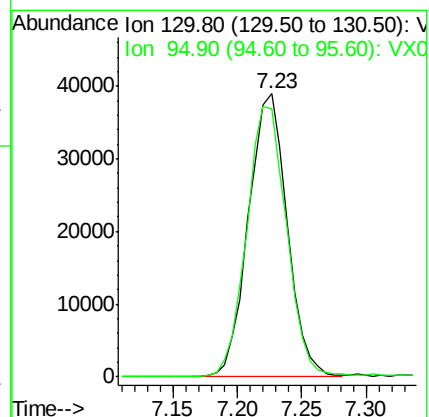
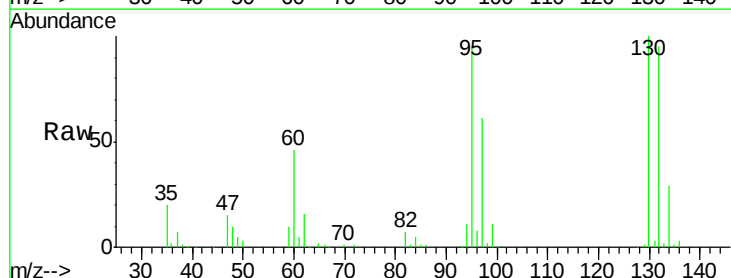
Acq: 14 Mar 2018 18:32

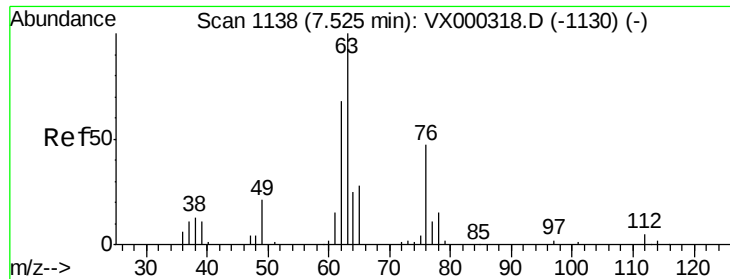
Tgt Ion: 130 Resp: 81004

Ion Ratio Lower Upper

130 100

95 94.8 0.0 186.0

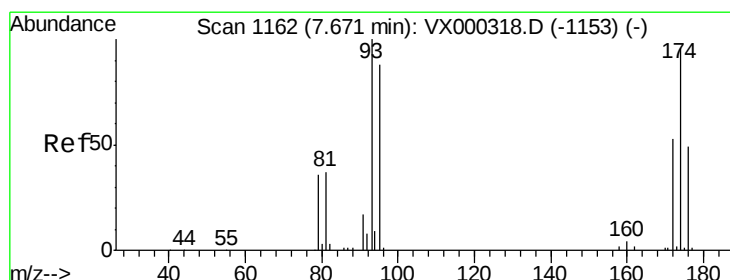
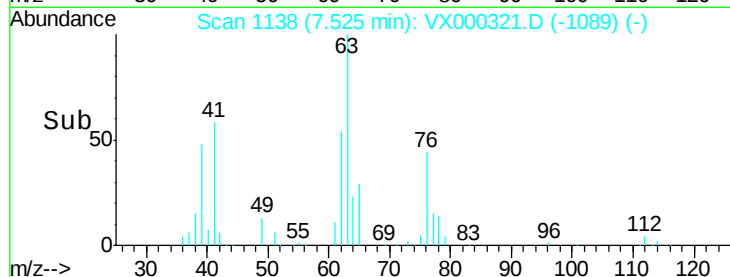
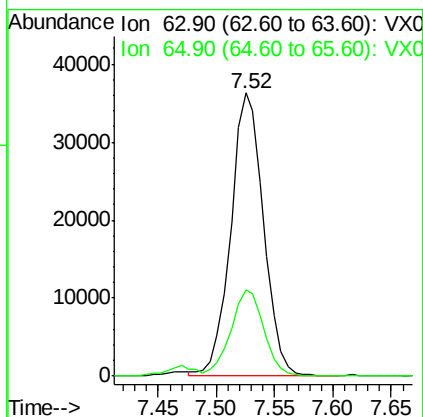
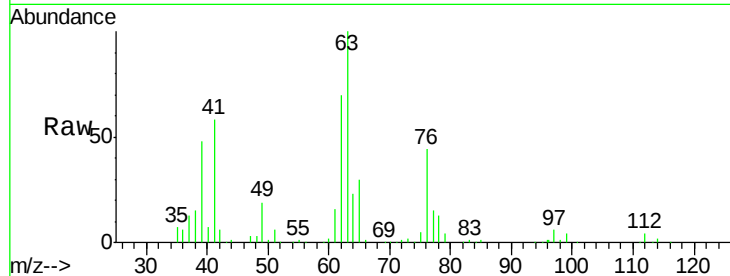




#45
 1,2-Dichloropropane
 Concen: 49.74 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

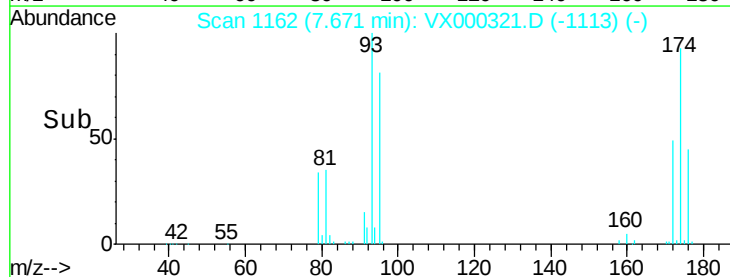
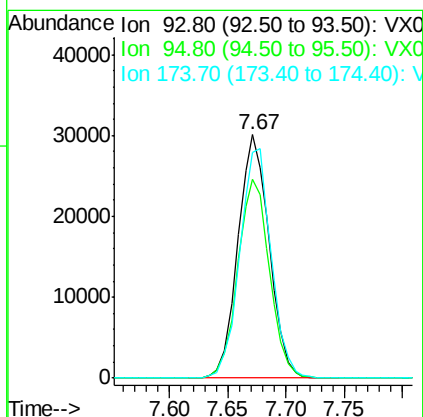
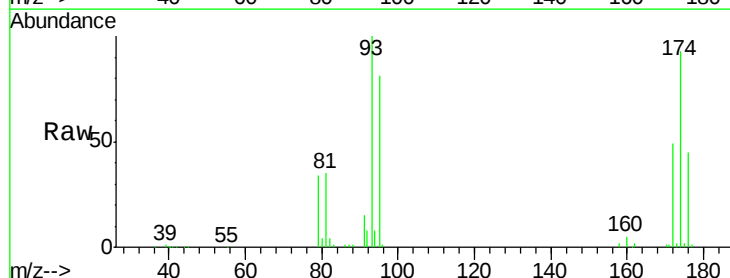
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

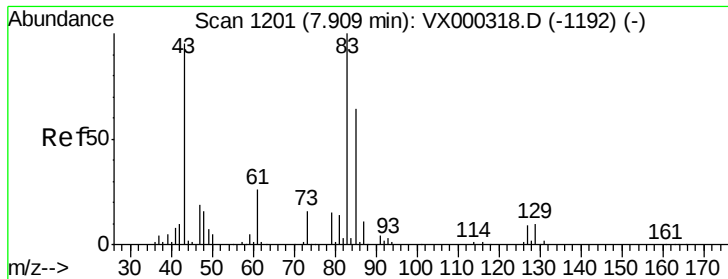
Tgt Ion: 63 Resp: 70693
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 36.8



#46
 Dibromomethane
 Concen: 49.16 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion: 93 Resp: 56119
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.5 99.7
 174 94.8 76.0 114.0





#47

Bromodichloromethane

Concen: 51.01 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

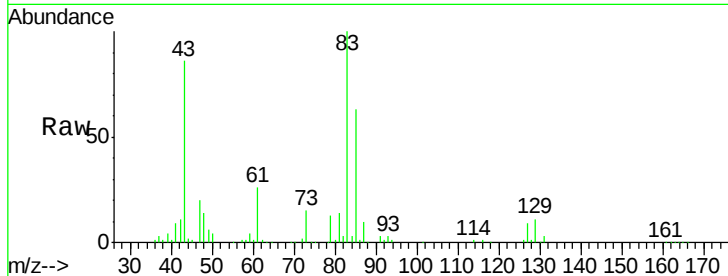
Tgt Ion: 83 Resp: 103371

Ion Ratio Lower Upper

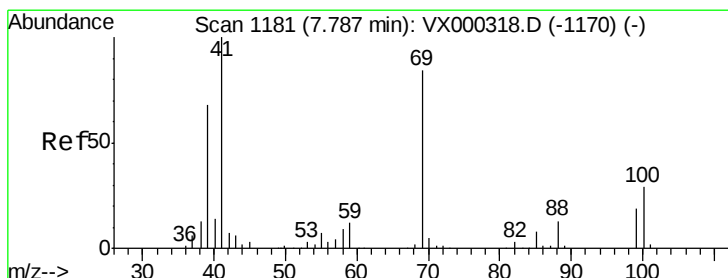
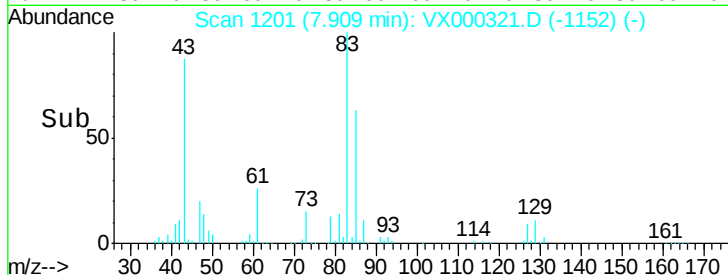
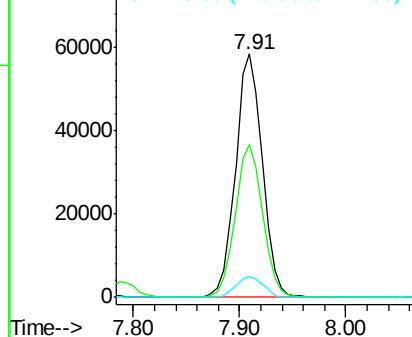
83 100

85 62.5 51.4 77.0

127 8.6 7.0 10.6



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: 48.65 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

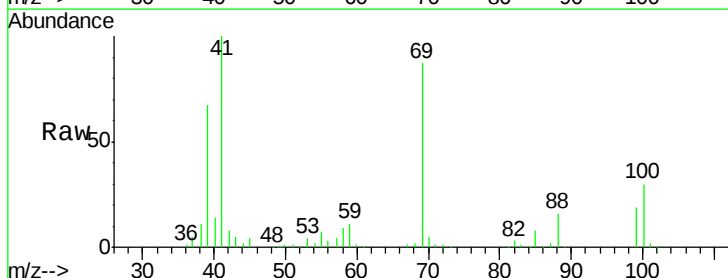
Tgt Ion: 41 Resp: 95839

Ion Ratio Lower Upper

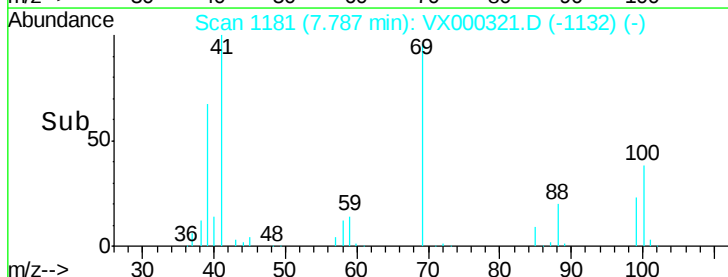
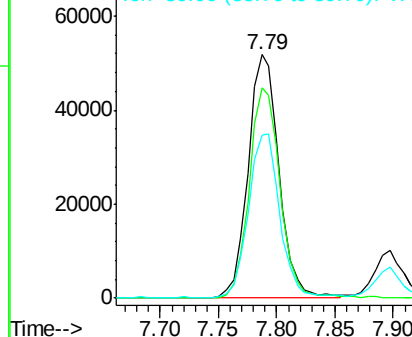
41 100

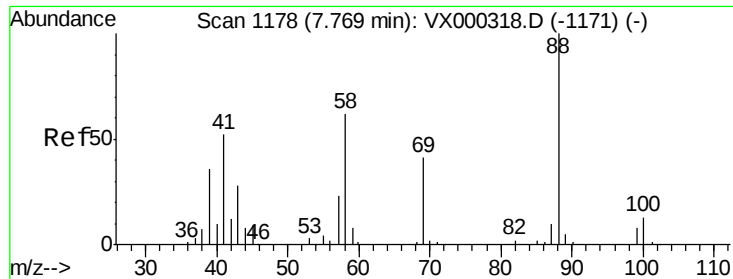
69 86.3 68.2 102.4

39 68.5 54.6 81.8



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

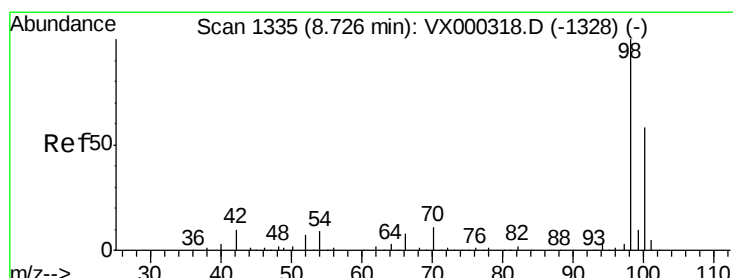
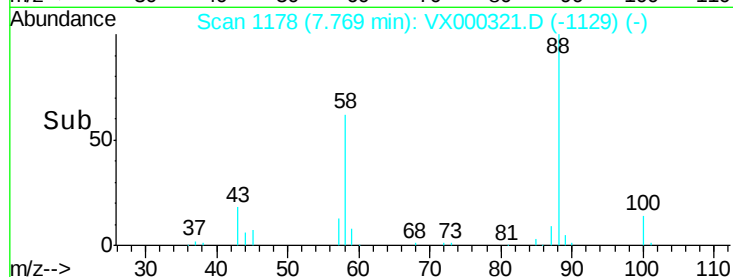
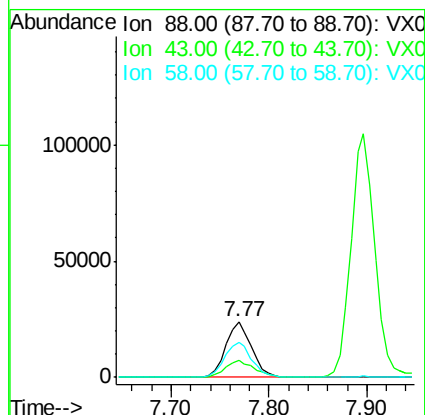
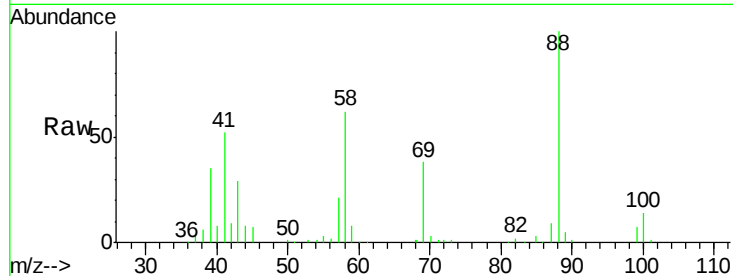




#49
1,4-Dioxane
Concen: 984.76 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

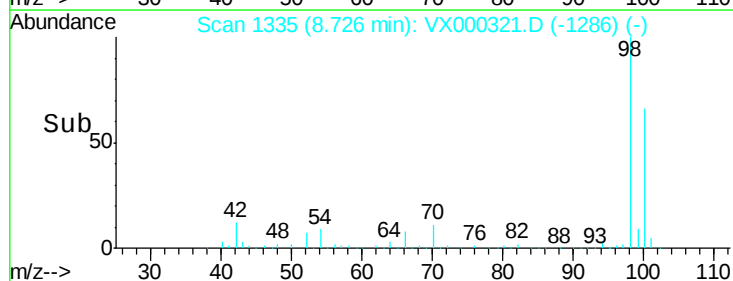
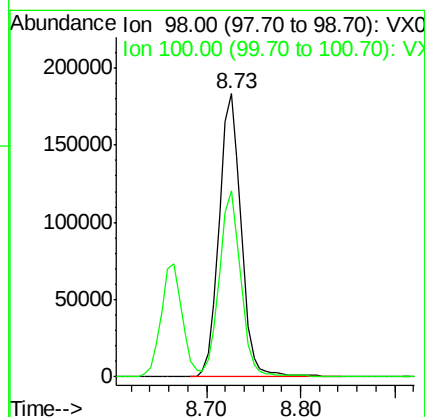
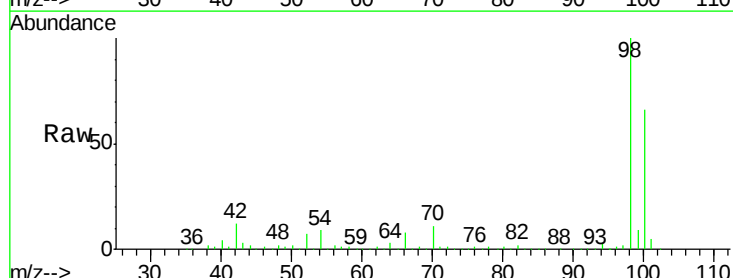
Instrument :
MSVOA_X
ClientSampleId :
BFB

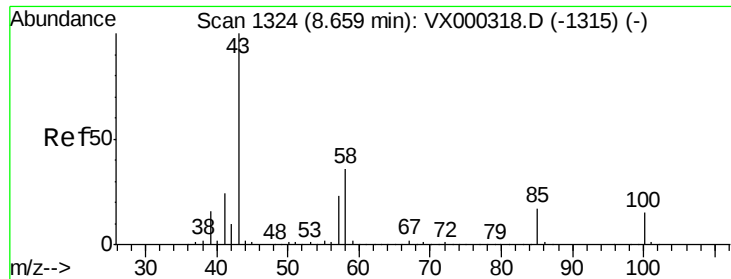
Tgt Ion: 88 Resp: 43646
Ion Ratio Lower Upper
88 100
43 34.1 26.8 40.2
58 66.0 52.2 78.2



#50
Toluene-d8
Concen: 50.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 98 Resp: 296098
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 248.89 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

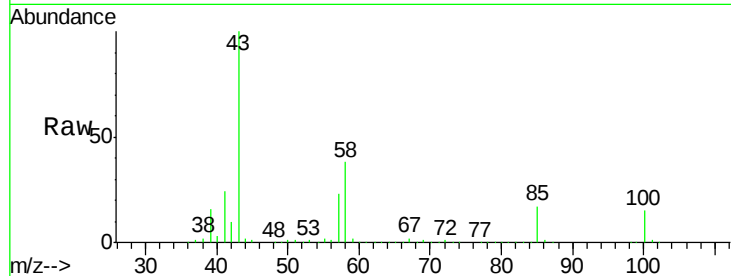
BFB

Tgt Ion: 43 Resp: 753051

Ion Ratio Lower Upper

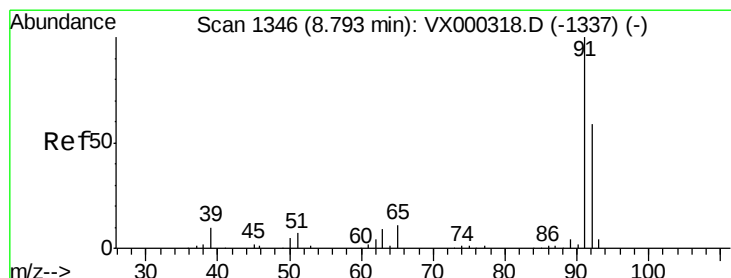
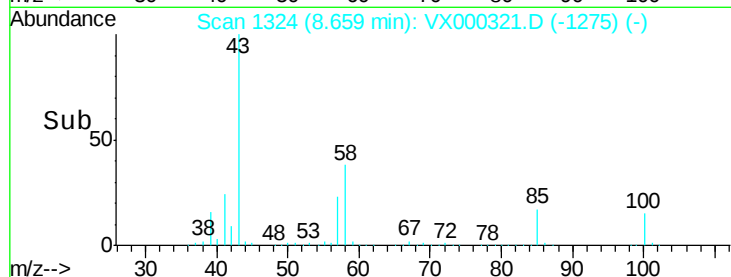
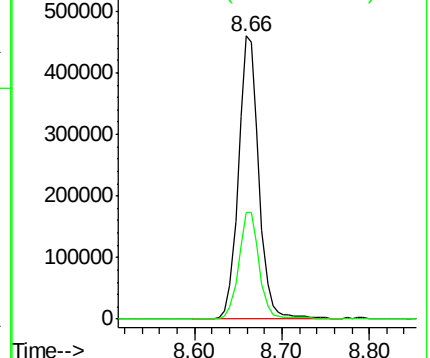
43 100

58 37.4 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.28 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000321.D

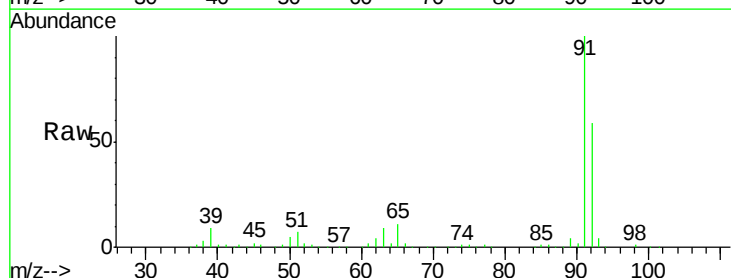
Acq: 14 Mar 2018 18:32

Tgt Ion: 92 Resp: 203529

Ion Ratio Lower Upper

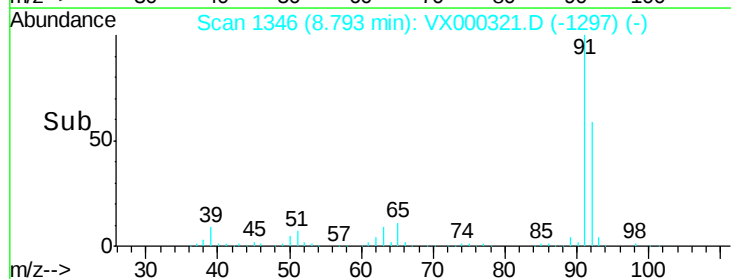
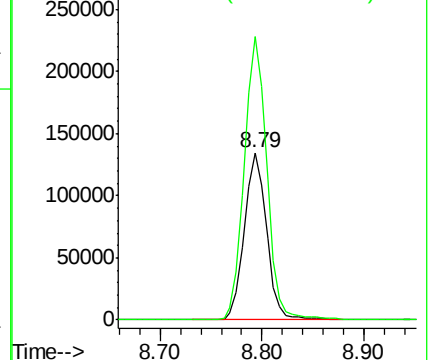
92 100

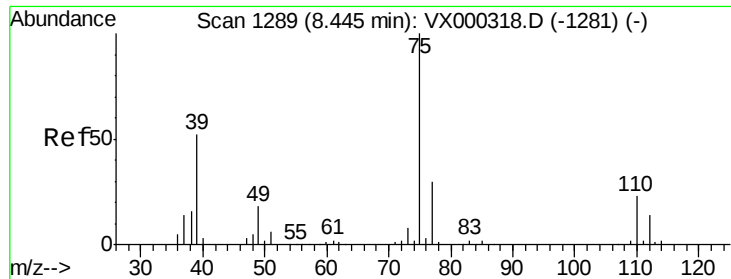
91 172.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

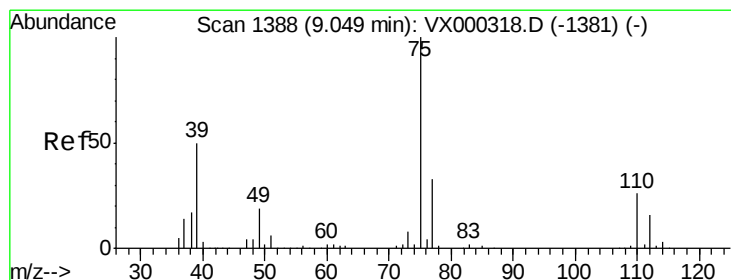
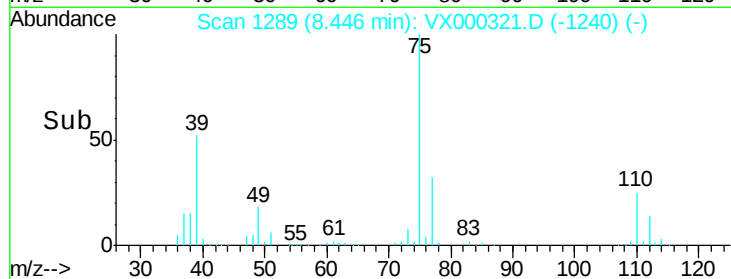
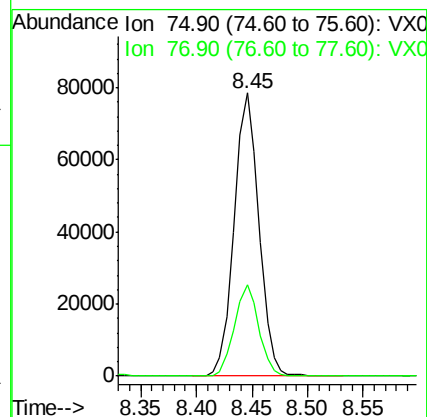
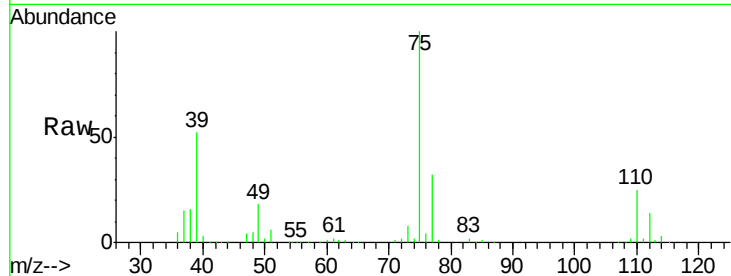




#53
 t-1,3-Dichloropropene
 Concen: 51.73 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

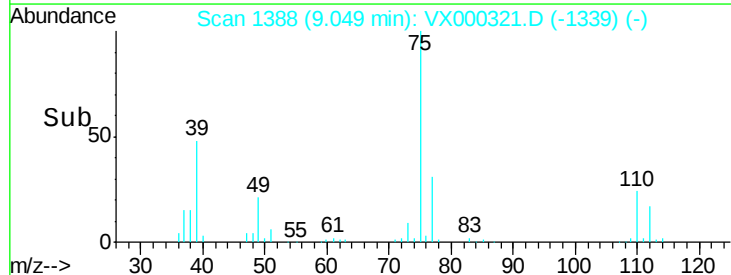
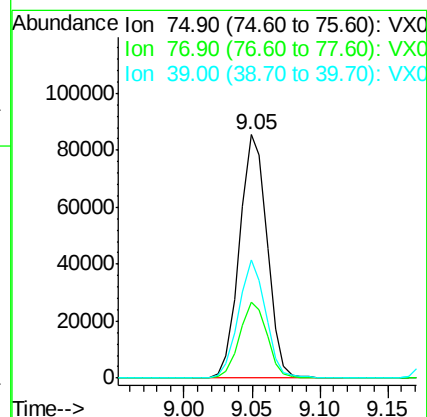
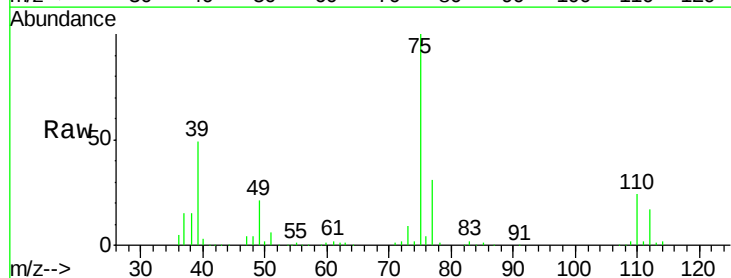
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

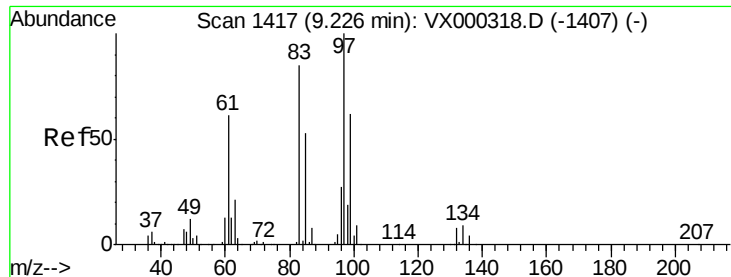
Tgt Ion: 75 Resp: 120998
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.93 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion: 75 Resp: 121057
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 48.4 39.8 59.6

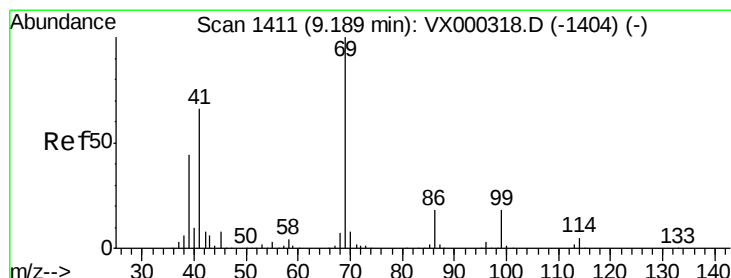
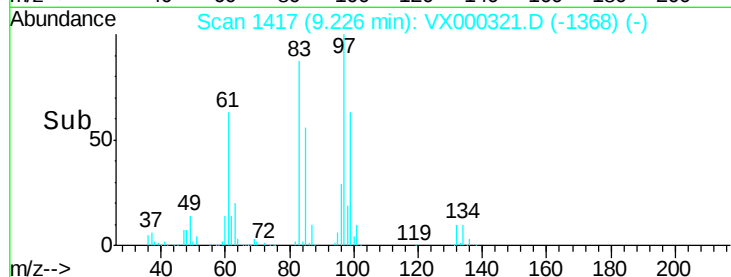
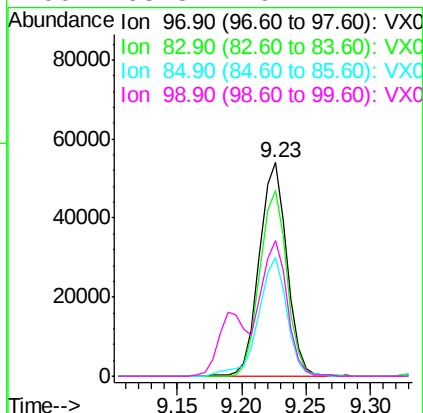
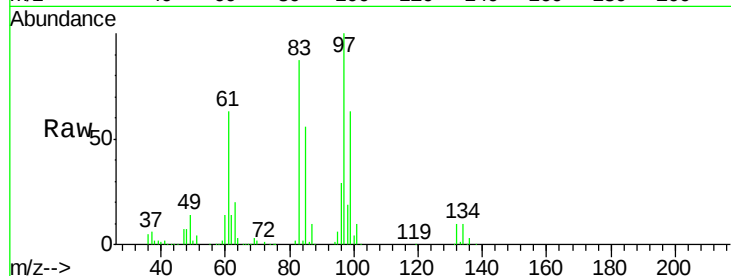




#55
 1,1,2-Trichloroethane
 Concen: 49.17 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

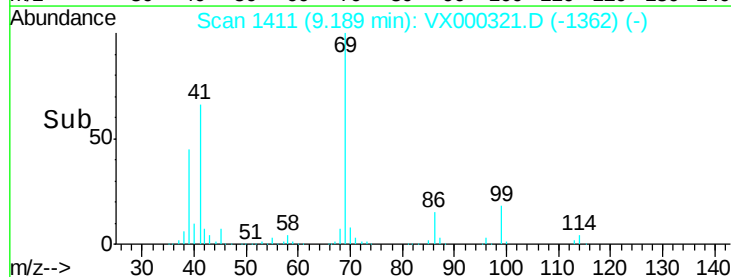
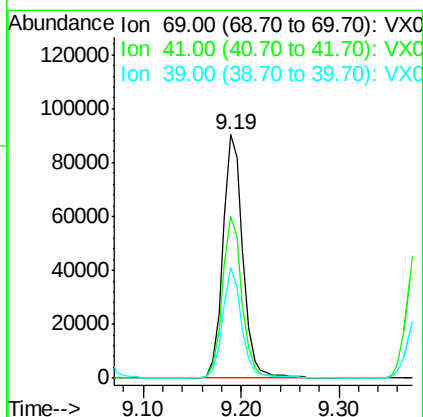
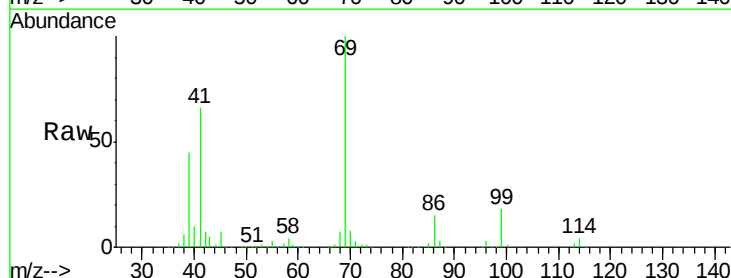
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

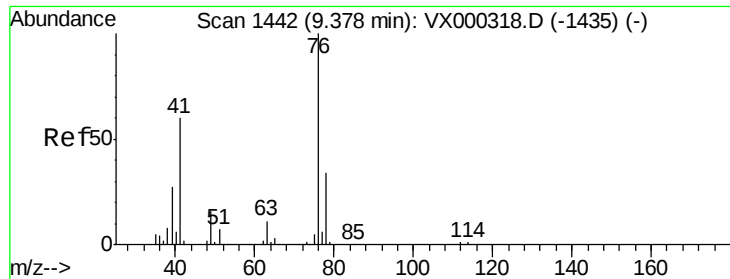
Tgt Ion:	97	Resp:	79855
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.9	101.9
85	56.0	42.8	64.2
99	63.3	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 52.74 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion:	69	Resp:	126845
Ion	Ratio	Lower	Upper
69	100		
41	65.3	53.0	79.6
39	42.3	35.3	52.9

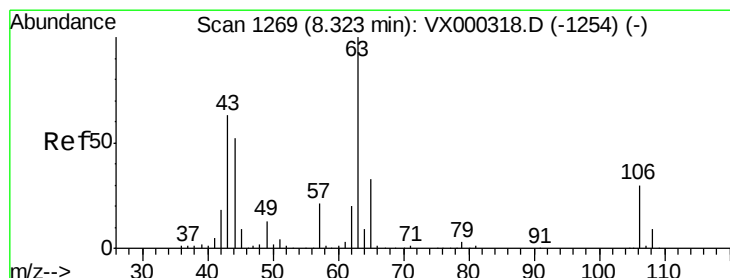
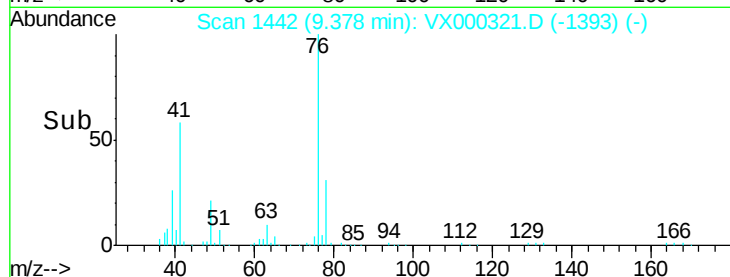
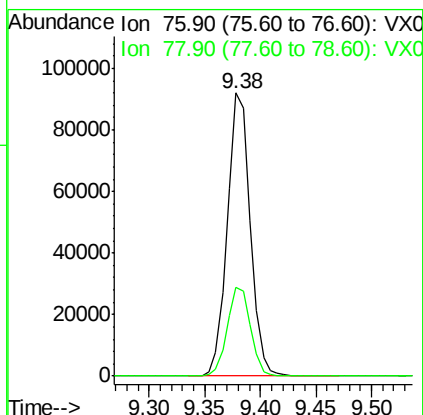
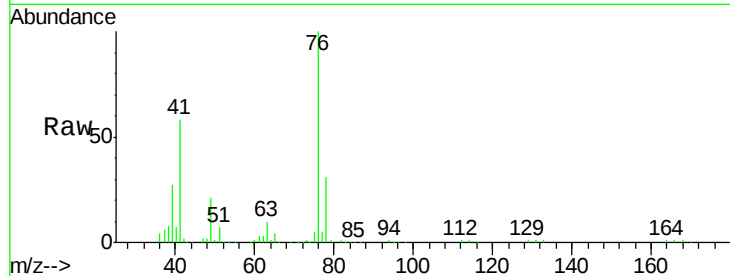




#57
 1,3-Dichloropropane
 Concen: 49.80 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

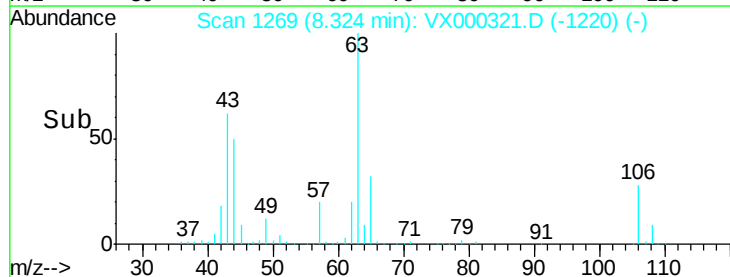
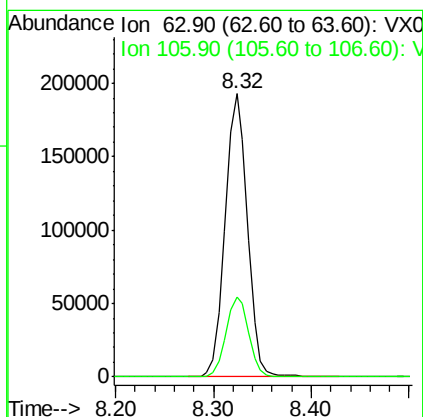
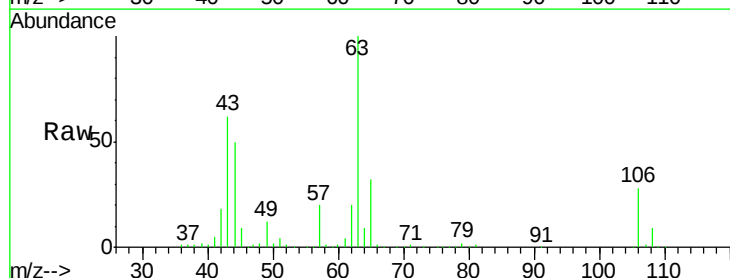
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

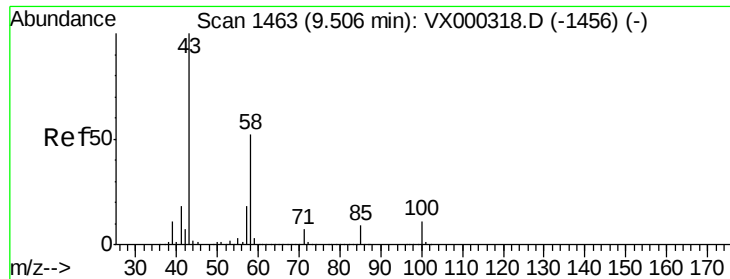
Tgt Ion: 76 Resp: 131033
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.38 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion: 63 Resp: 303029
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.2 34.8

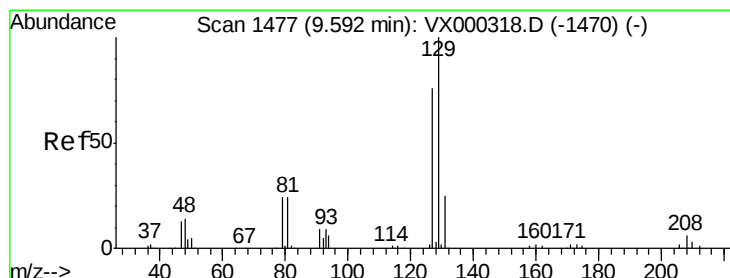
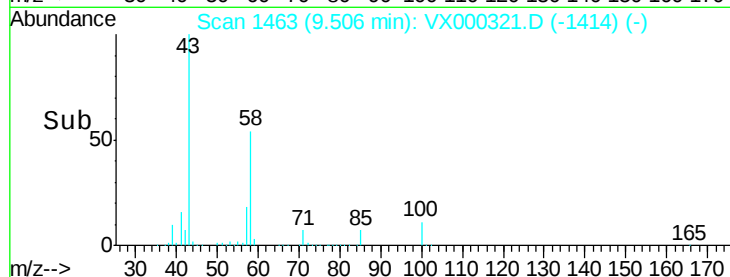
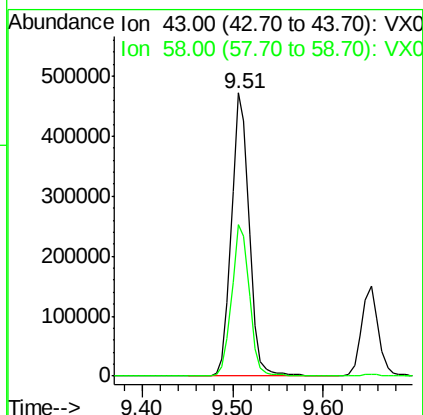
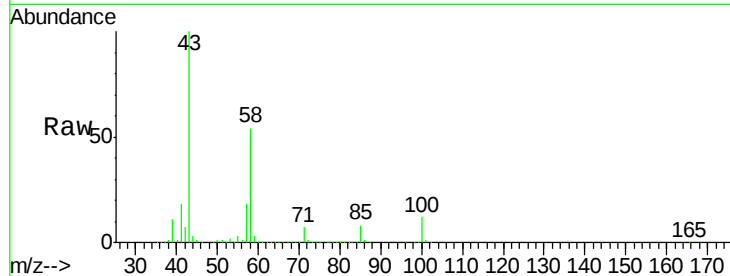




#59
2-Hexanone
Concen: 251.40 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

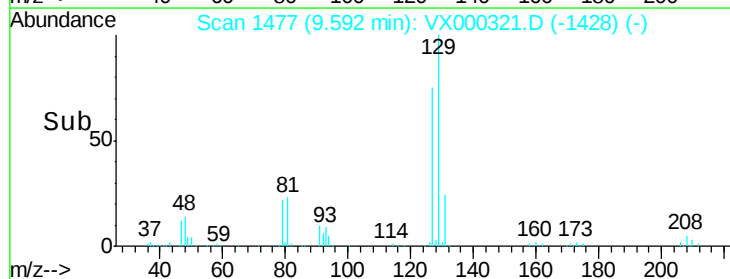
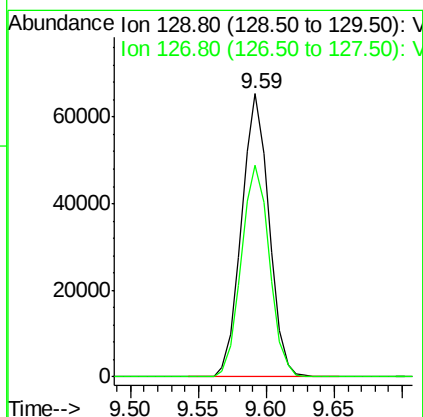
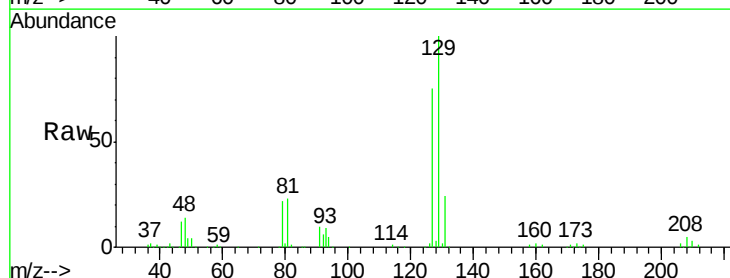
Instrument :
MSVOA_X
ClientSampled :
BFB

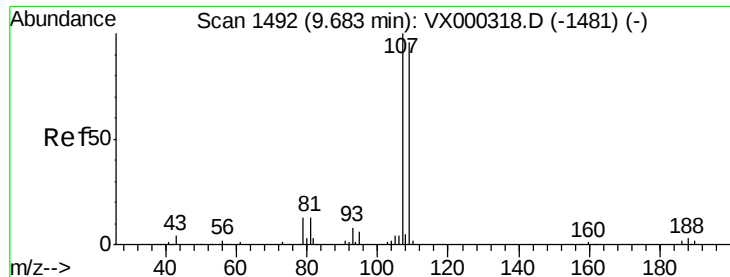
Tgt Ion: 43 Resp: 640853
Ion Ratio Lower Upper
43 100
58 53.6 26.6 79.7



#60
Dibromochloromethane
Concen: 53.87 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 129 Resp: 92522
Ion Ratio Lower Upper
129 100
127 76.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 50.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

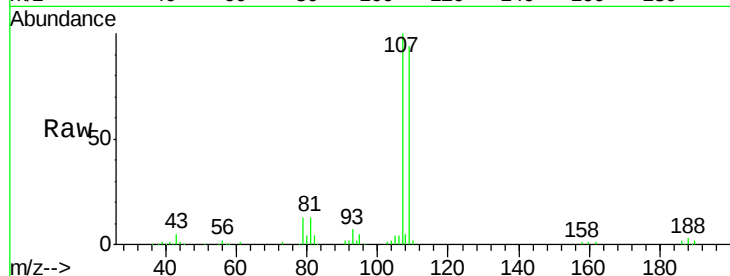
BFB

Tgt Ion:107 Resp: 91749

Ion Ratio Lower Upper

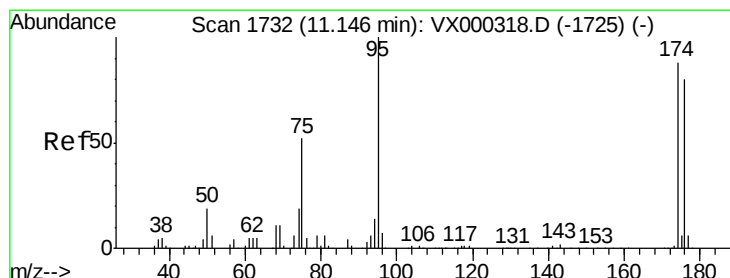
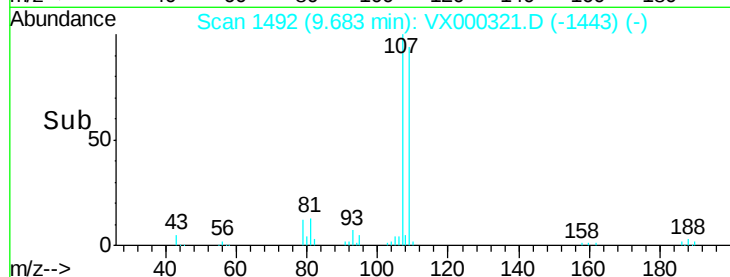
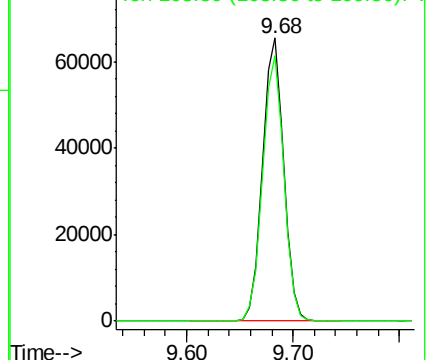
107 100

109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

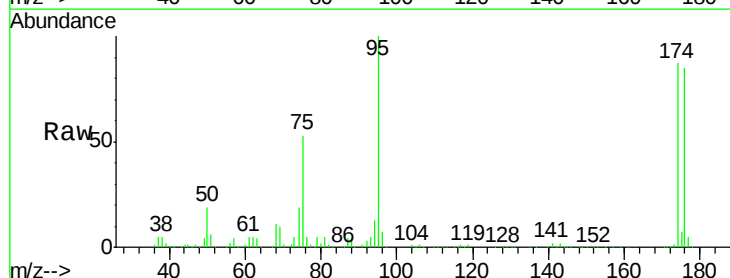
Tgt Ion: 95 Resp: 118122

Ion Ratio Lower Upper

95 100

174 87.7 0.0 173.6

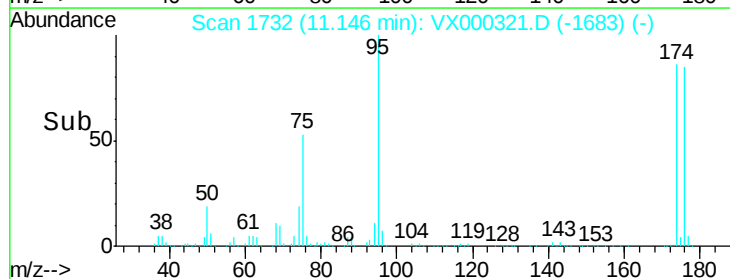
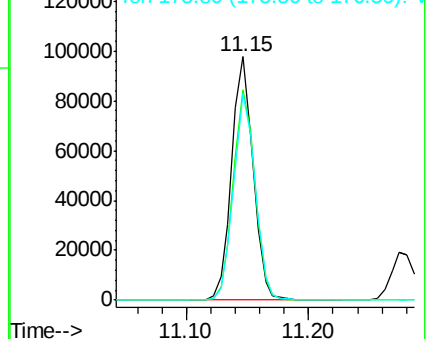
176 85.5 0.0 164.6

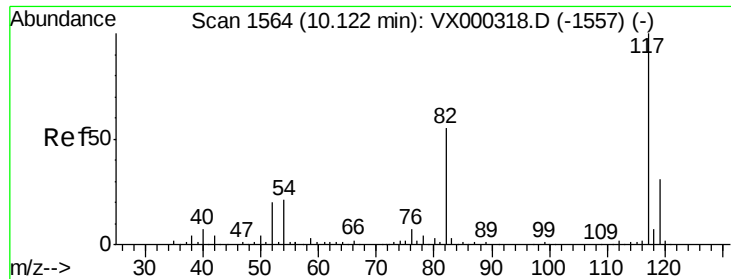


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

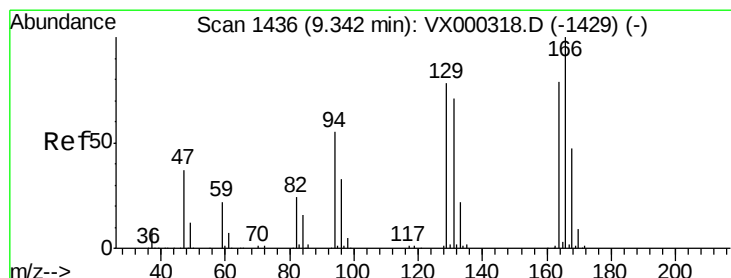
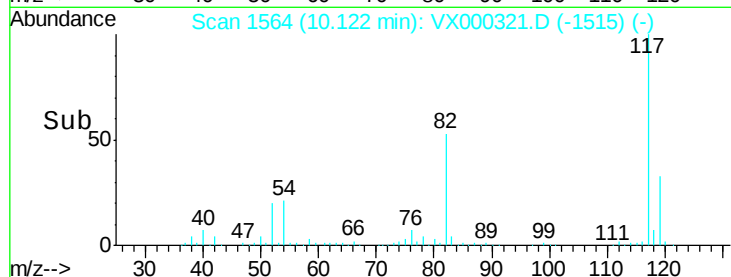
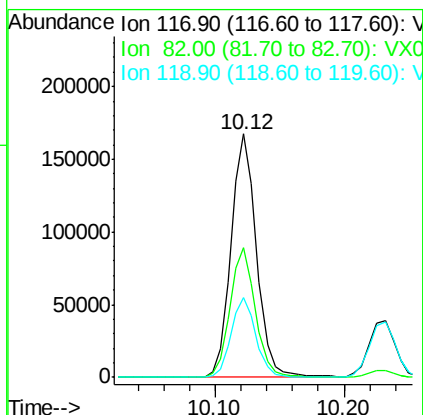
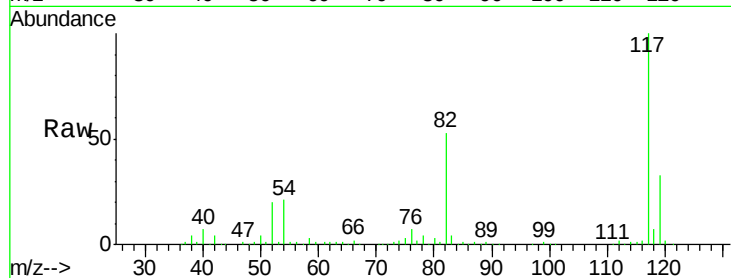




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

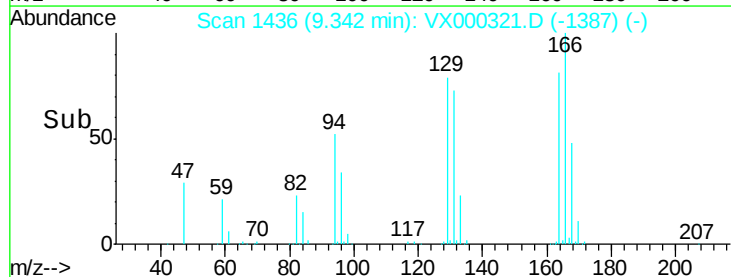
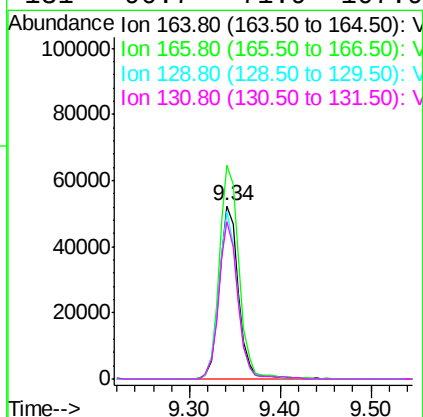
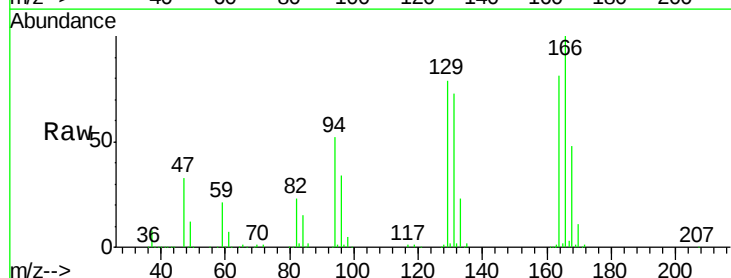
Instrument :
MSVOA_X
ClientSampled :
BFB

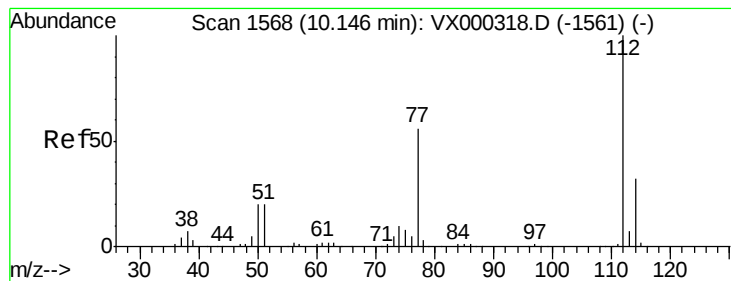
Tgt Ion:117 Resp: 231237
Ion Ratio Lower Upper
117 100
82 53.3 43.8 65.8
119 32.6 24.9 37.3



#64
Tetrachloroethene
Concen: 51.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion:164 Resp: 77176
Ion Ratio Lower Upper
164 100
166 123.4 101.0 151.6
129 97.0 79.0 118.4
131 90.7 71.9 107.9





#65

Chlorobenzene

Concen: 50.86 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

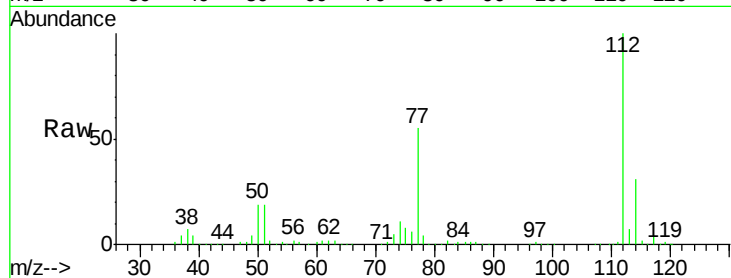
BFB

Tgt Ion:112 Resp: 239520

Ion Ratio Lower Upper

112 100

114 30.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

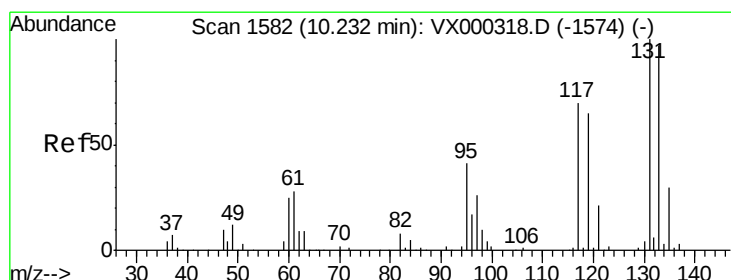
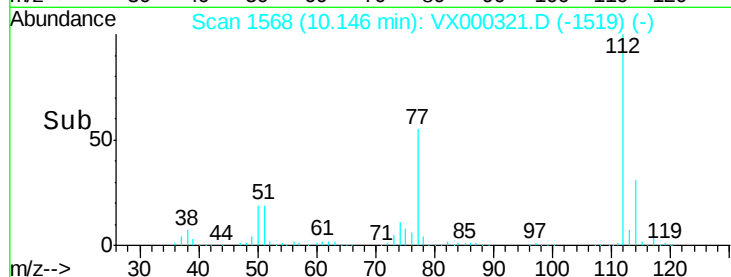
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.94 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

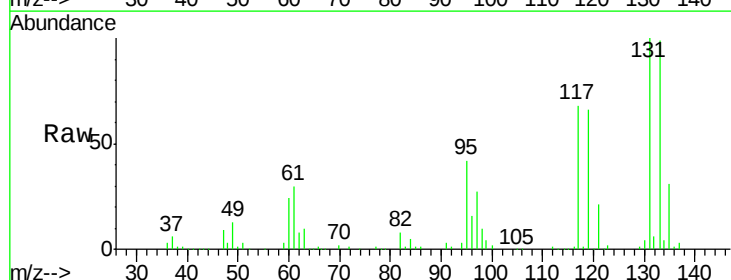
Tgt Ion:131 Resp: 82257

Ion Ratio Lower Upper

131 100

133 94.8 47.1 141.3

119 65.8 33.1 99.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

80000

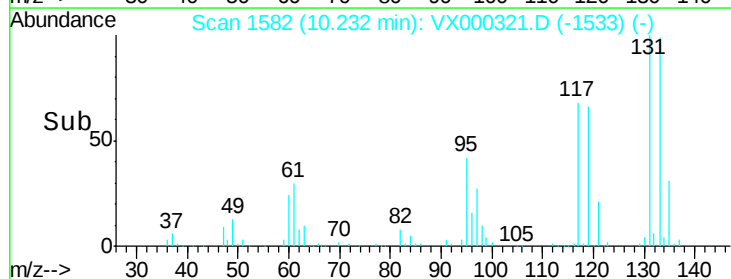
60000

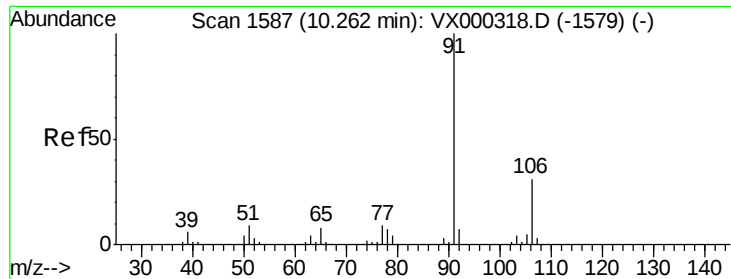
40000

20000

0

Time-->

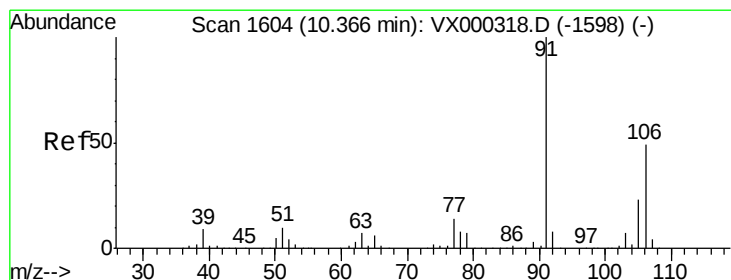
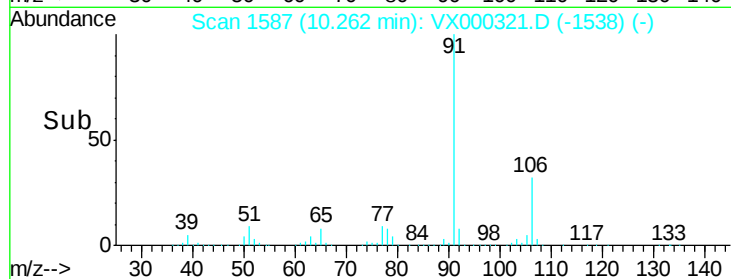
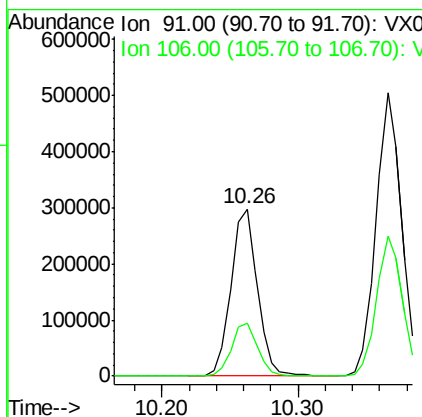
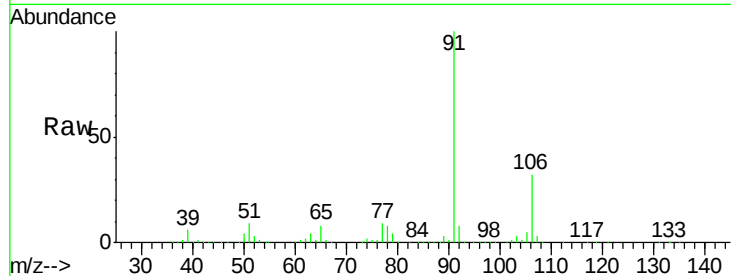




#67
Ethyl Benzene
Concen: 50.22 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

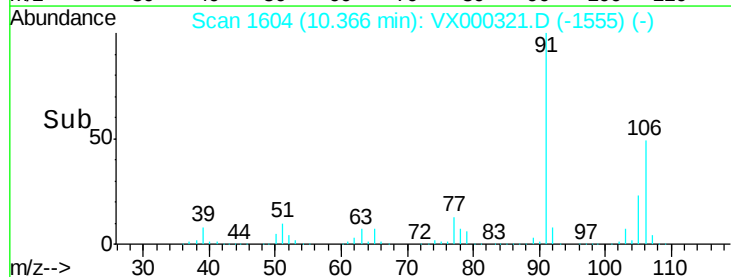
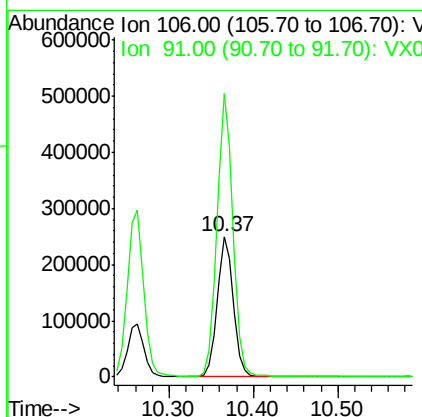
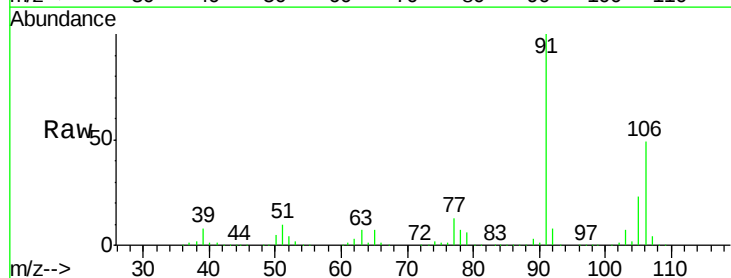
Instrument :
MSVOA_X
ClientSampled :
BFB

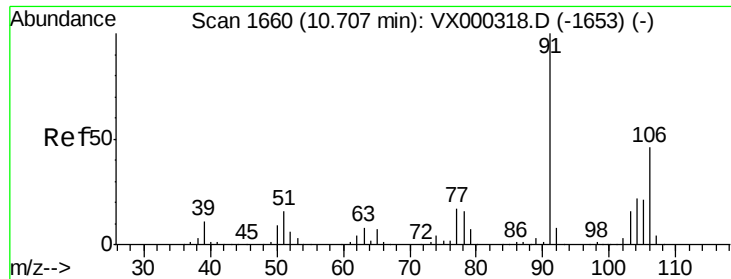
Tgt Ion: 91 Resp: 403145
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6



#68
m/p-Xylenes
Concen: 105.76 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 106 Resp: 330808
Ion Ratio Lower Upper
106 100
91 200.6 163.4 245.2

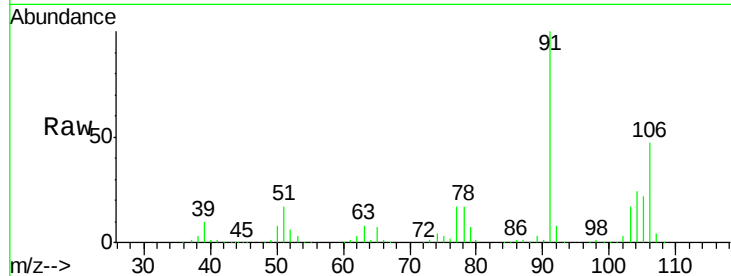




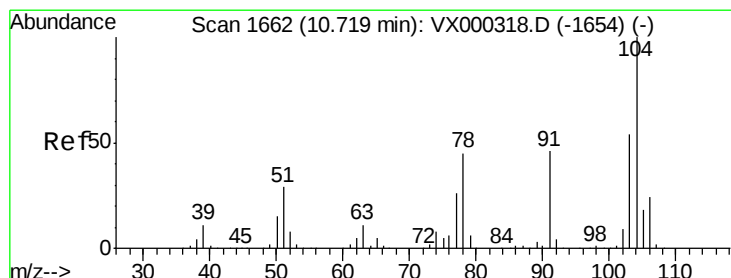
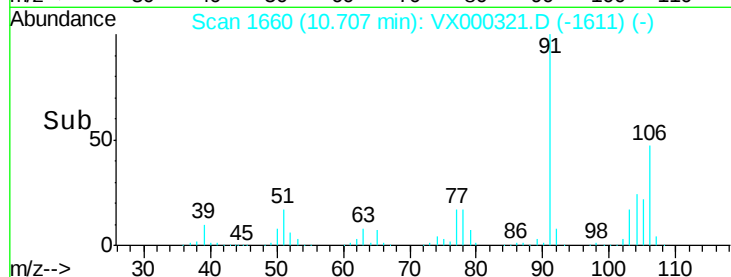
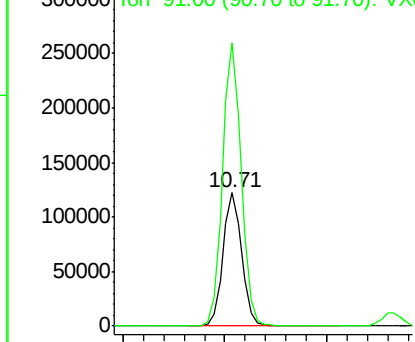
#69
o-Xylene
Concen: 51.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 155851
Ion Ratio Lower Upper
106 100
91 213.8 106.5 319.6

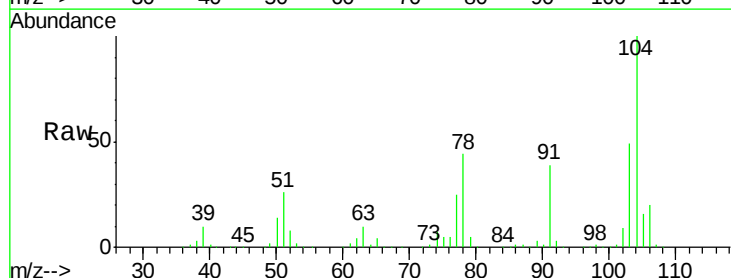


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

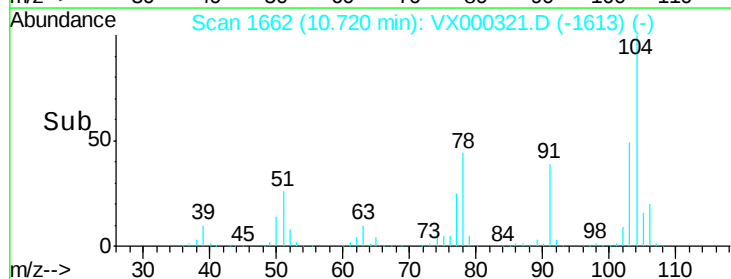
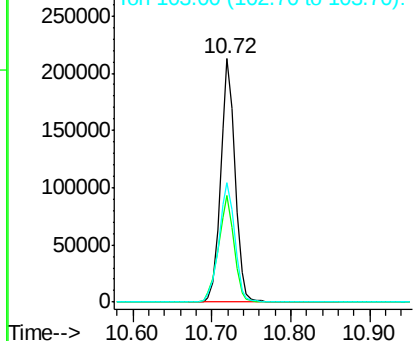


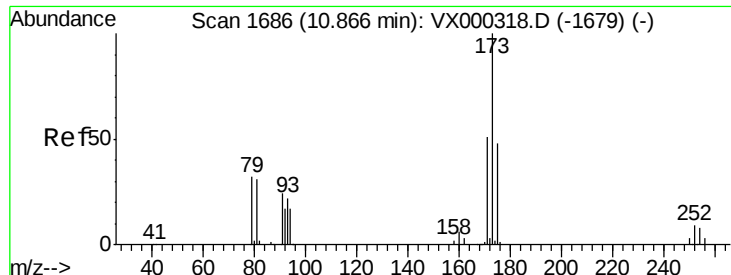
#70
Styrene
Concen: 53.71 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion:104 Resp: 270810
Ion Ratio Lower Upper
104 100
78 47.7 40.5 60.7
103 54.1 45.7 68.5



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: 45.84 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

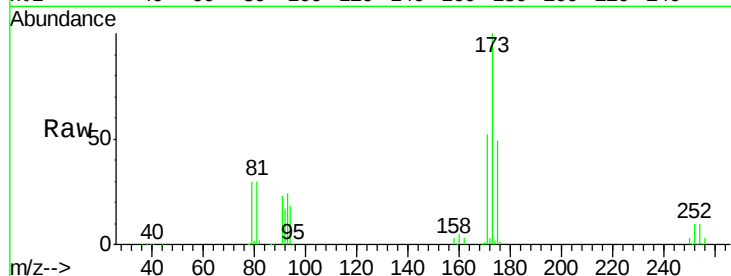
Tgt Ion:173 Resp: 72986

Ion Ratio Lower Upper

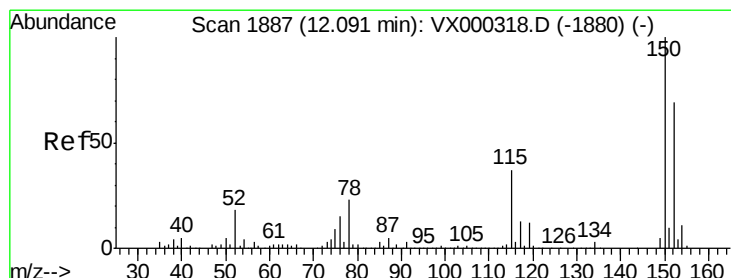
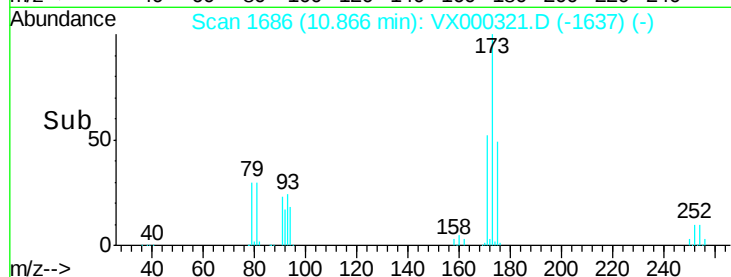
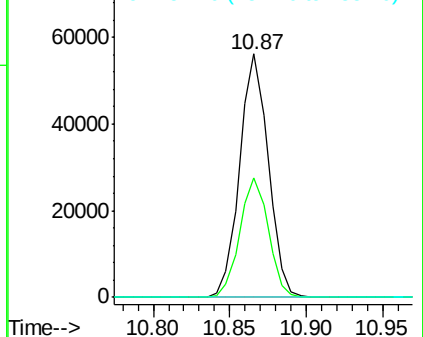
173 100

175 49.1 25.4 76.4

254 0.2 0.0 0.0#



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. -0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

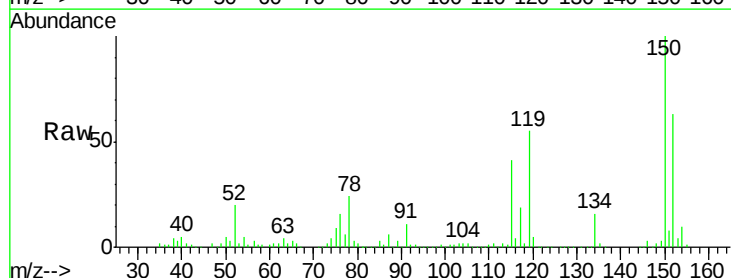
Tgt Ion:152 Resp: 148078

Ion Ratio Lower Upper

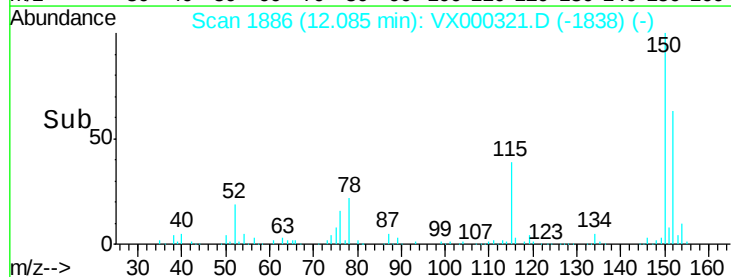
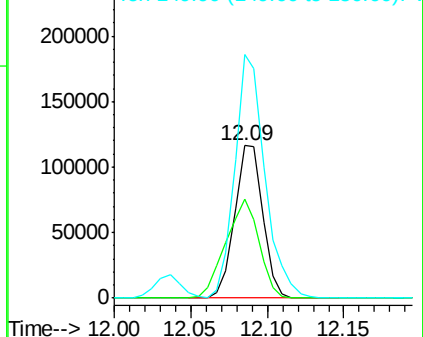
152 100

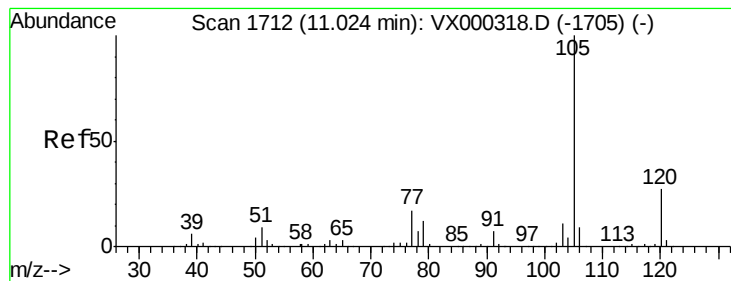
115 77.3 39.8 119.3

150 171.2 0.0 344.4



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: 48.35 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

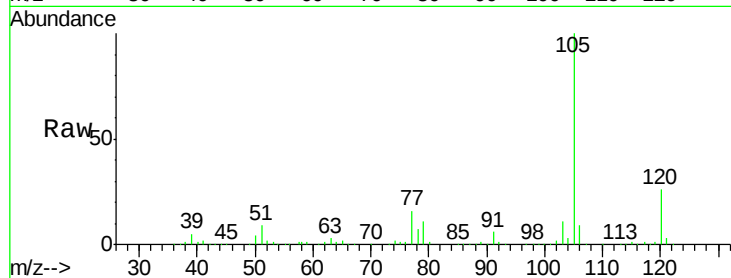
BFB

Tgt Ion: 105 Resp: 431189

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

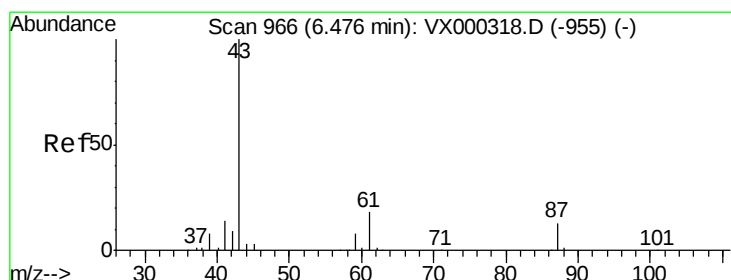
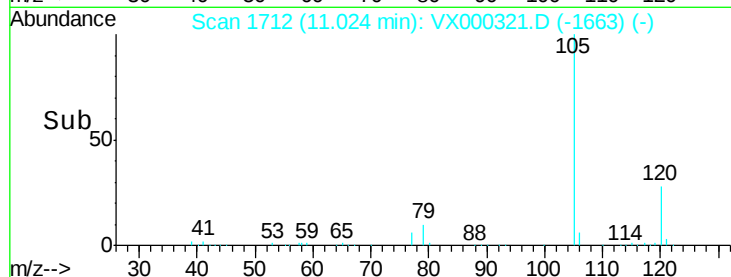
100000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 45.83 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Tgt Ion: 43 Resp: 195655

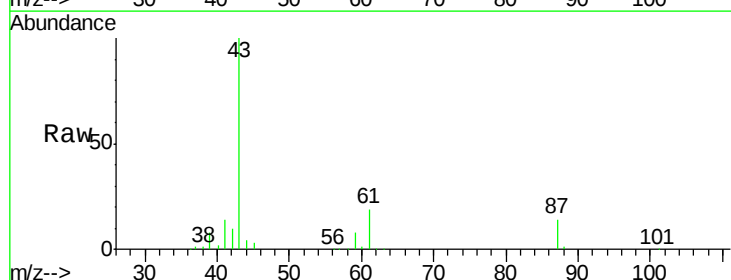
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

60000

40000

20000

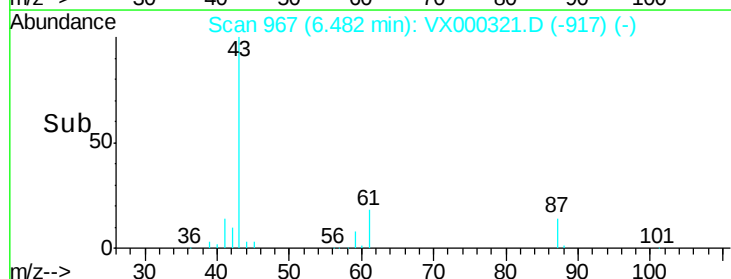
0

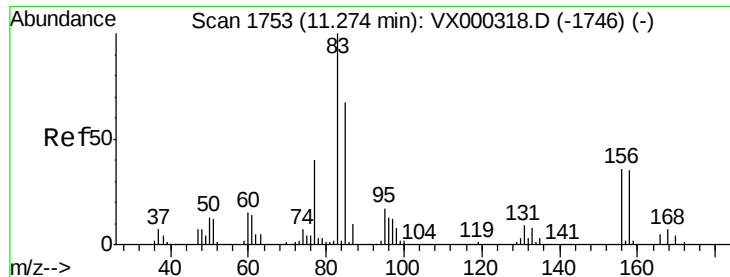
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.12 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

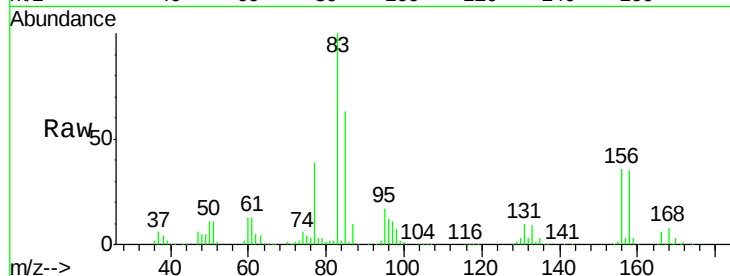
Tgt Ion: 83 Resp: 149586

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

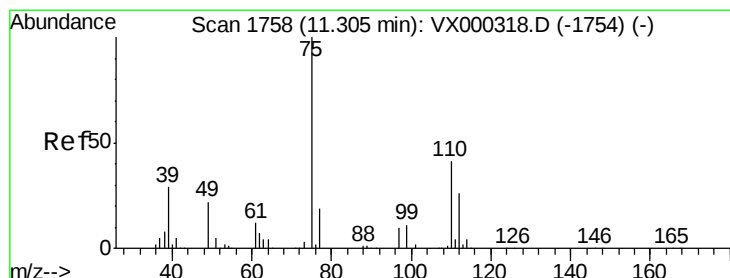
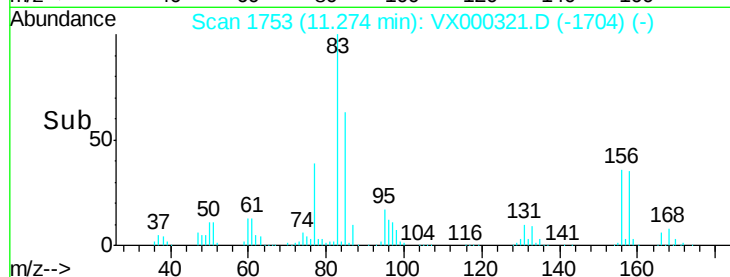
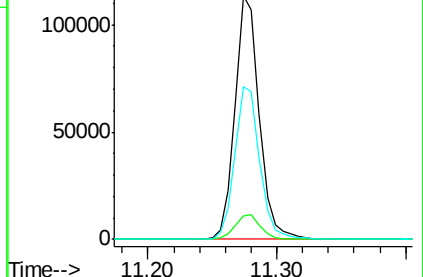
85 64.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.49 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000321.D

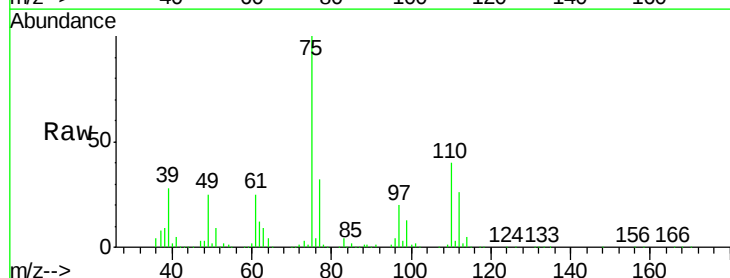
Acq: 14 Mar 2018 18:32

Tgt Ion: 75 Resp: 176041

Ion Ratio Lower Upper

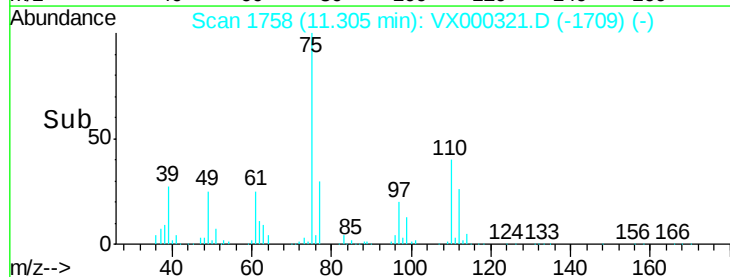
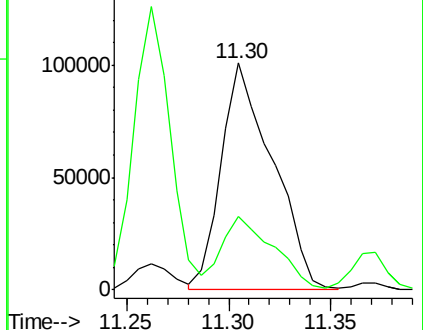
75 100

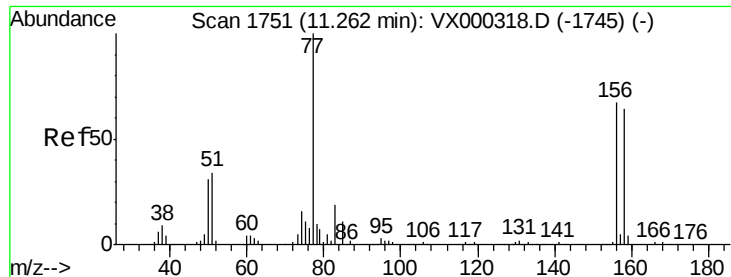
77 32.7 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

BFB

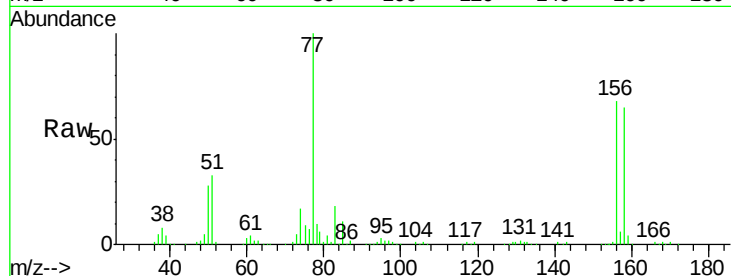
Tgt Ion:156 Resp: 110249

Ion Ratio Lower Upper

156 100

77 143.1 73.4 220.2

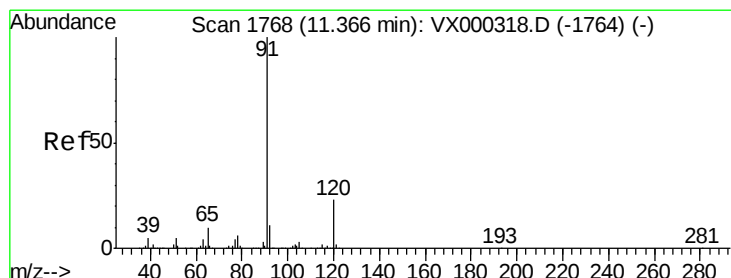
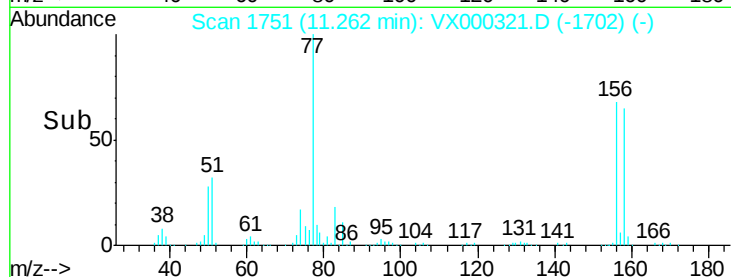
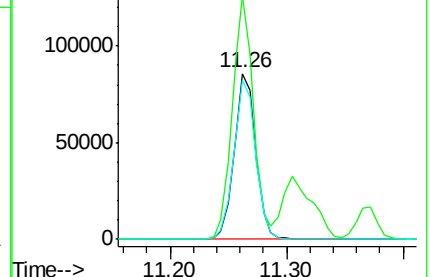
158 97.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.48 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000321.D

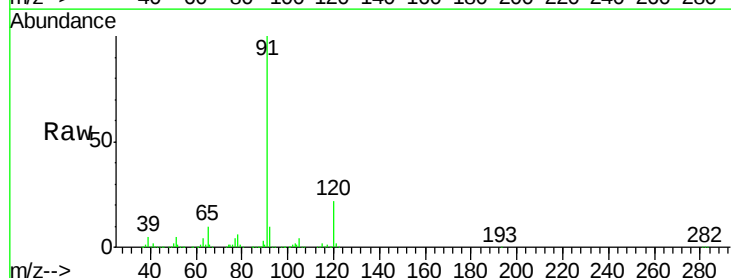
Acq: 14 Mar 2018 18:32

Tgt Ion: 91 Resp: 510621

Ion Ratio Lower Upper

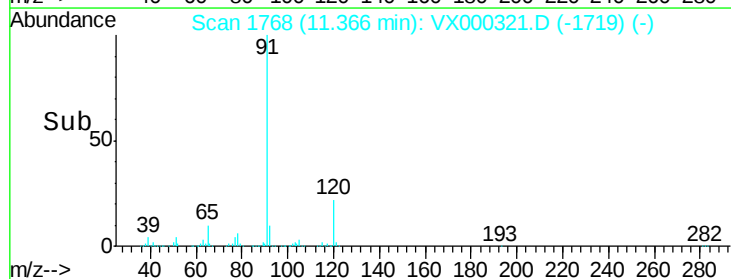
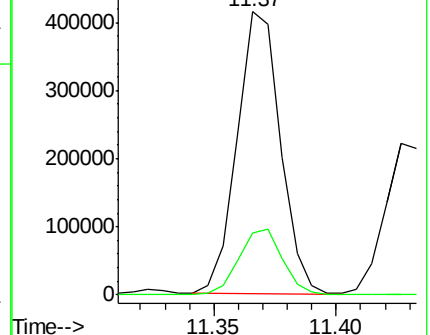
91 100

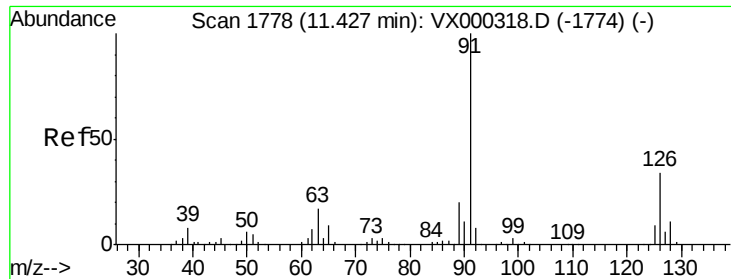
120 23.6 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.96 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampleId :

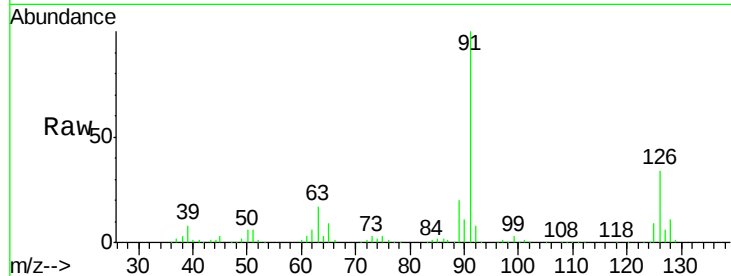
BFB

Tgt Ion: 91 Resp: 286606

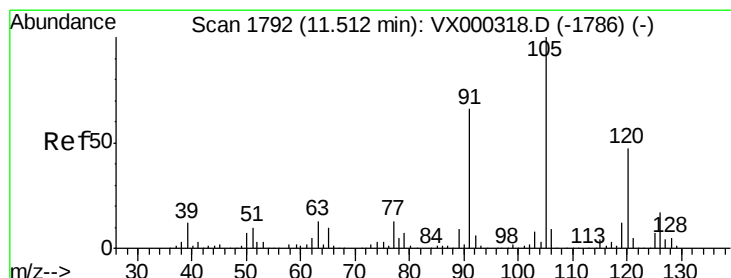
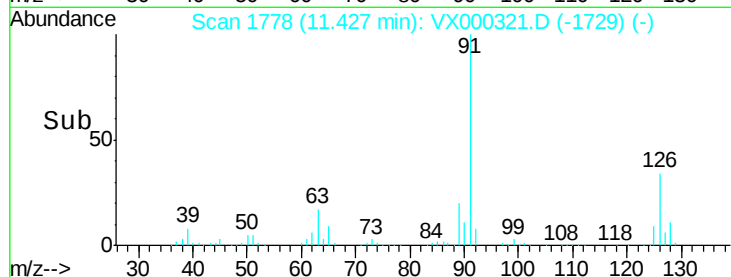
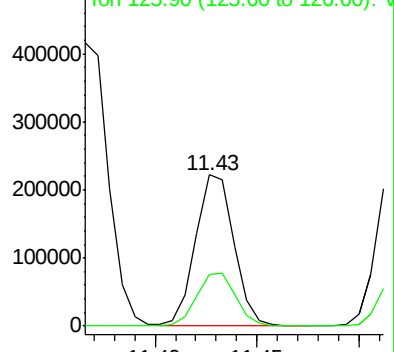
Ion Ratio Lower Upper

91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX000321.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.14 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000321.D

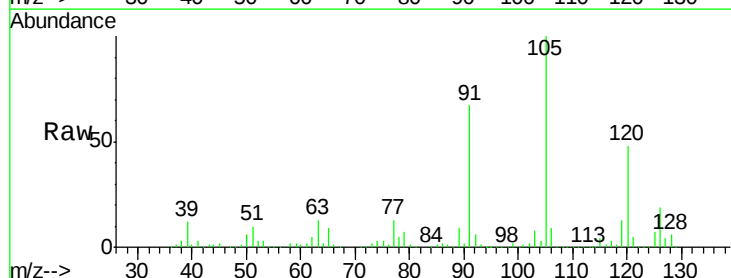
Acq: 14 Mar 2018 18:32

Tgt Ion: 105 Resp: 373371

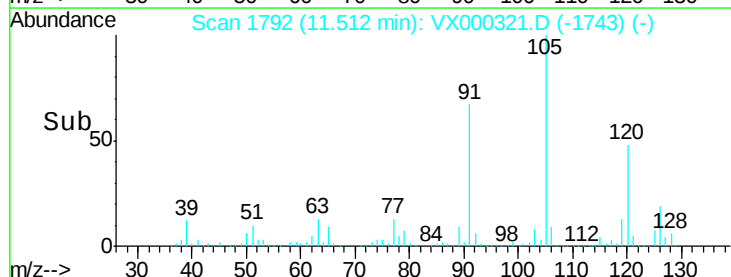
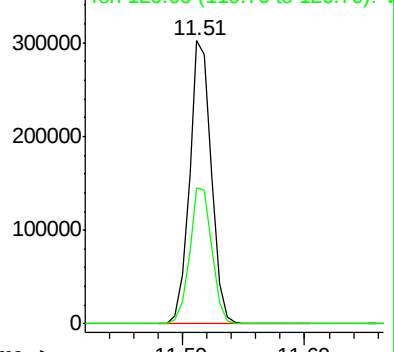
Ion Ratio Lower Upper

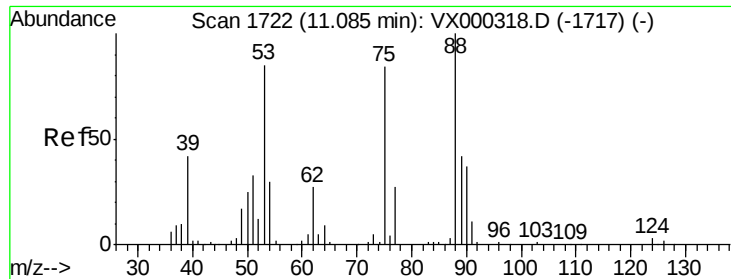
105 100

120 49.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000321.D (-1786) (-)

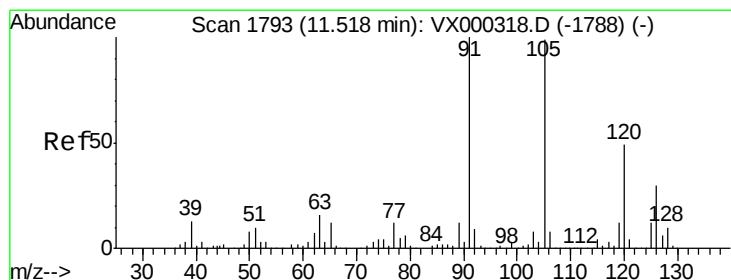
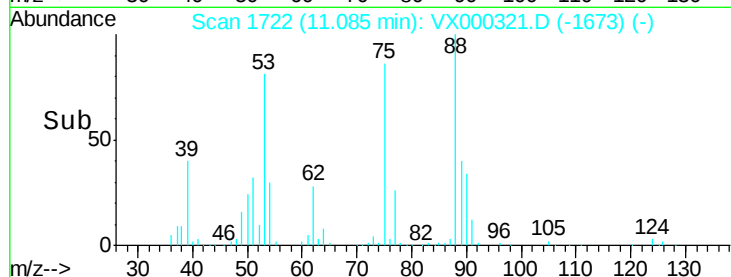
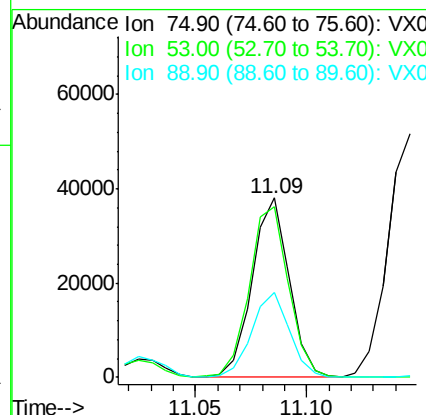
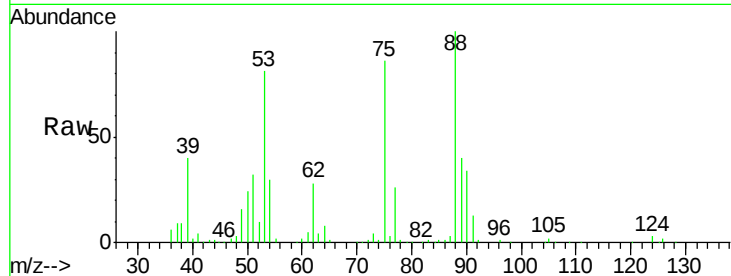




#81
trans-1,4-Dichloro-2-butene
Concen: 45.08 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

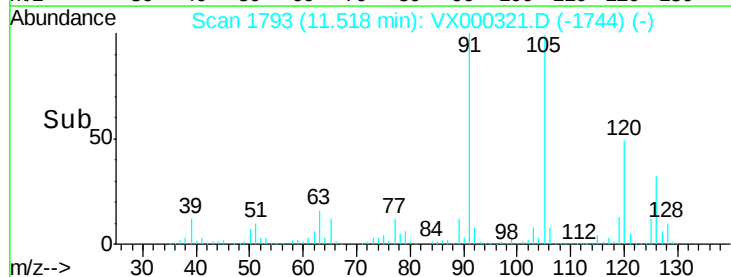
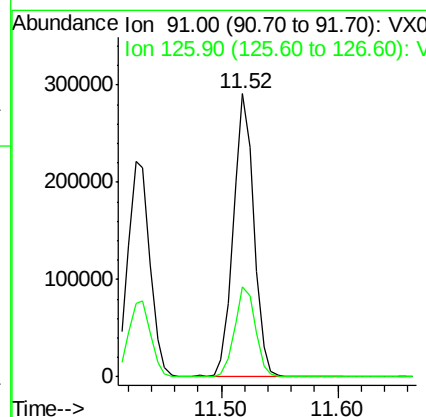
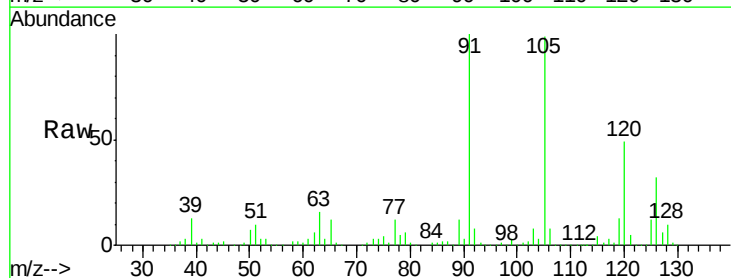
Instrument :
MSVOA_X
ClientSampled :
BFB

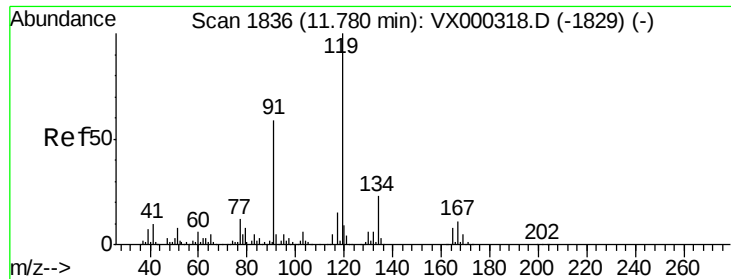
Tgt Ion: 75 Resp: 43987
Ion Ratio Lower Upper
75 100
53 101.9 80.7 121.1
89 48.4 39.4 59.0



#82
4-Chlorotoluene
Concen: 47.64 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion: 91 Resp: 357345
Ion Ratio Lower Upper
91 100
126 32.4 15.4 46.1

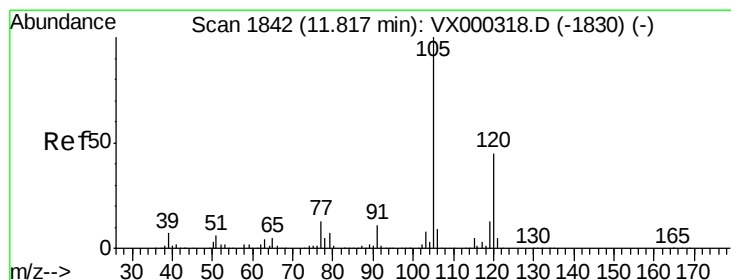
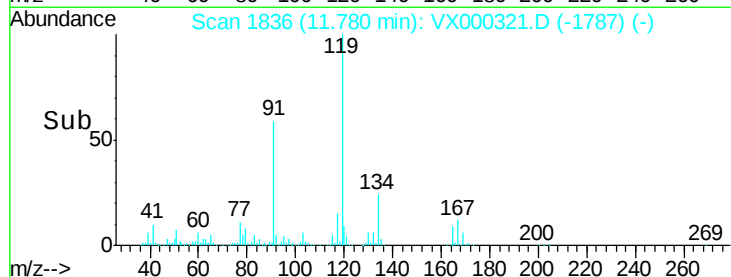
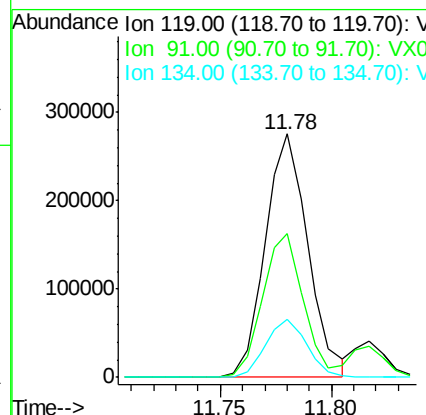
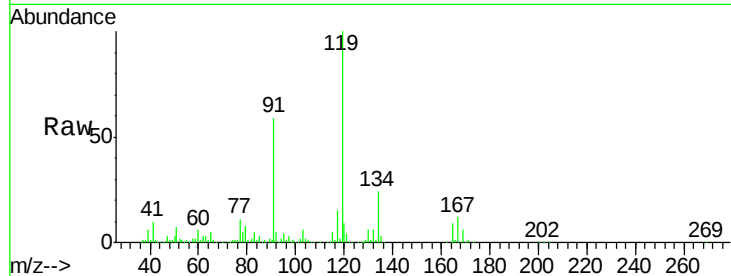




#83
 tert-Butylbenzene
 Concen: 49.42 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

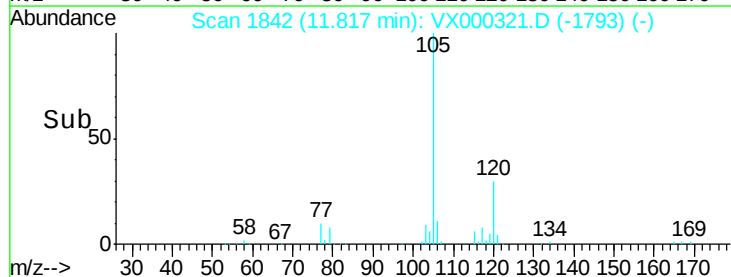
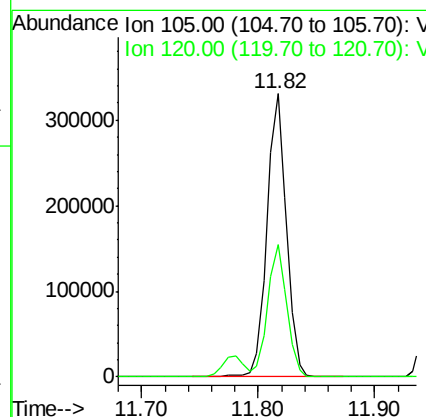
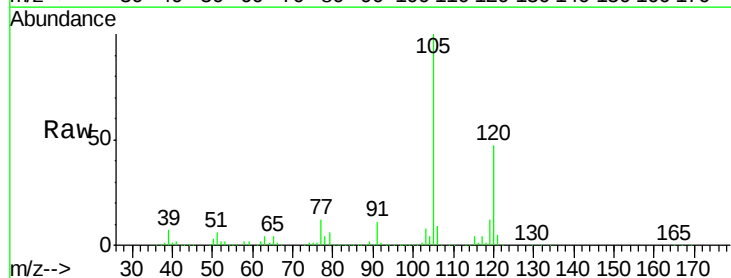
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

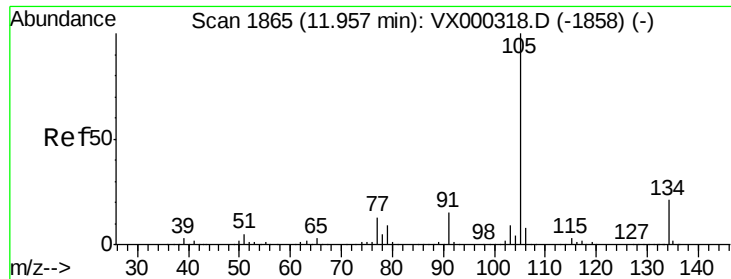
Tgt Ion:119 Resp: 366310
 Ion Ratio Lower Upper
 119 100
 91 56.0 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.11 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion:105 Resp: 383610
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.4 67.3

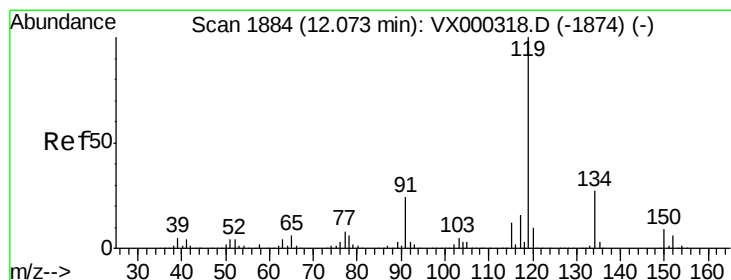
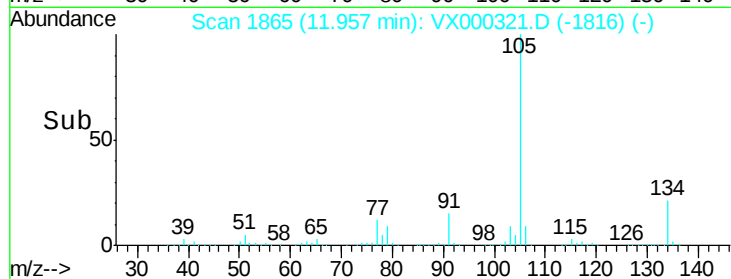
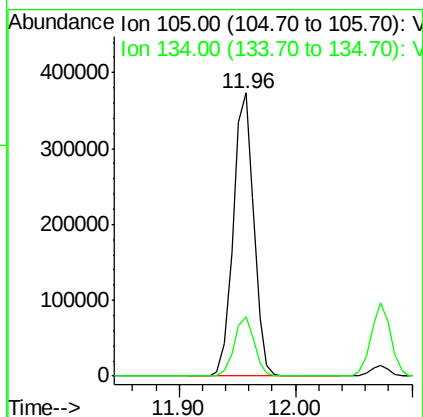
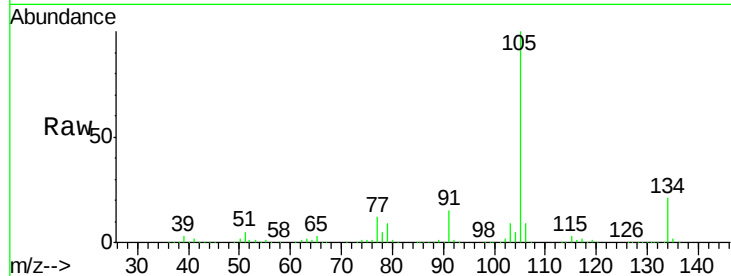




#85
 sec-Butylbenzene
 Concen: 49.30 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

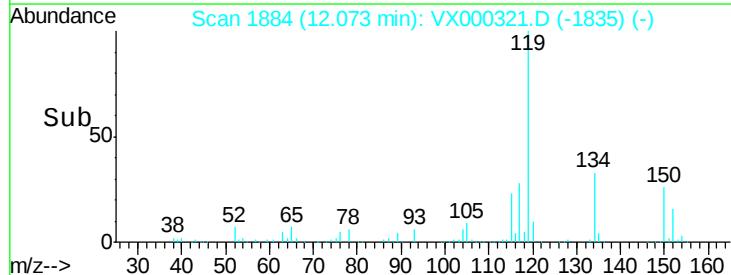
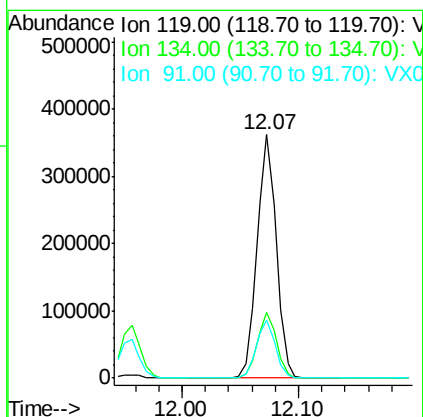
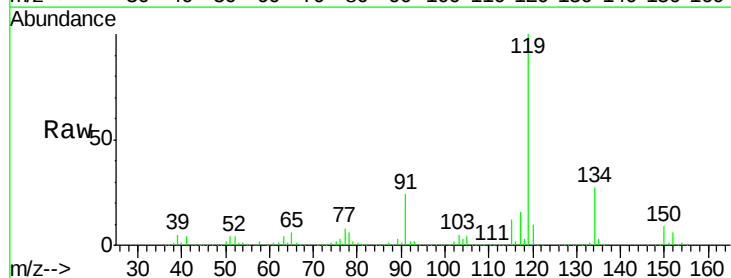
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

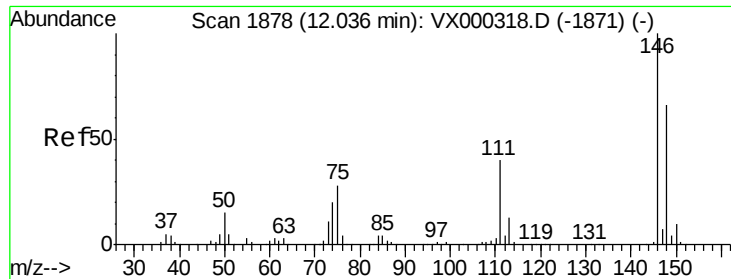
Tgt Ion:105 Resp: 457414
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 50.49 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion:119 Resp: 416915
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 23.6 12.0 36.1

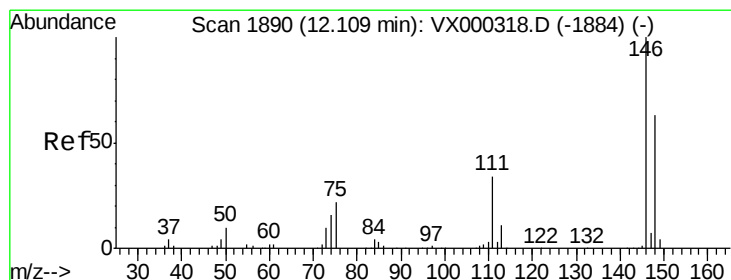
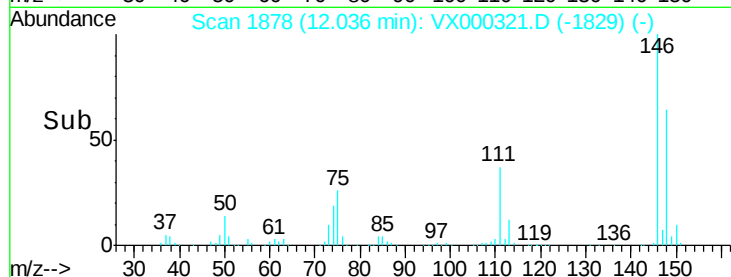
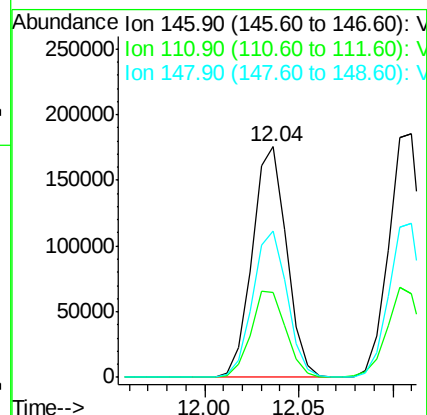
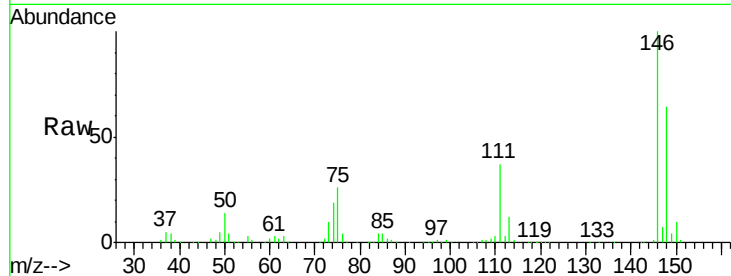




#87
 1,3-Dichlorobenzene
 Concen: 48.22 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

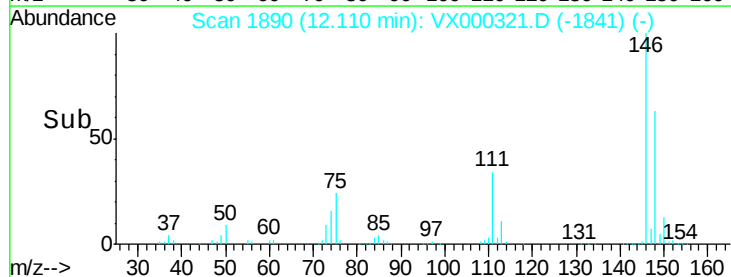
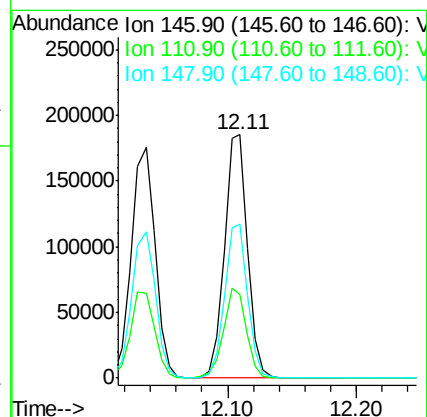
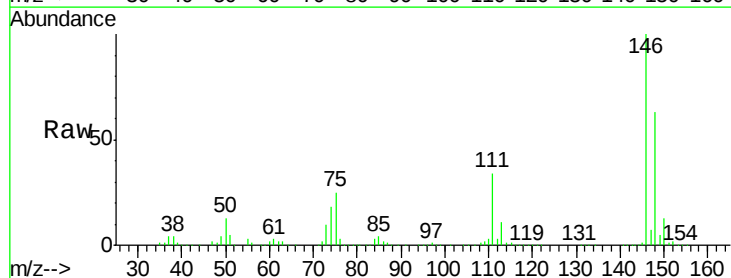
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

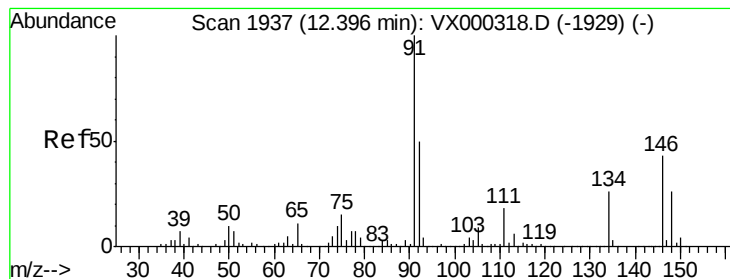
Tgt Ion:146 Resp: 221521
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.5 58.5
 148 63.8 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 49.05 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion:146 Resp: 234147
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.9
 148 63.4 31.0 93.0





#89

n-Butylbenzene

Concen: 47.60 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000321.D

Acq: 14 Mar 2018 18:32

Instrument :

MSVOA_X

ClientSampled :

BFB

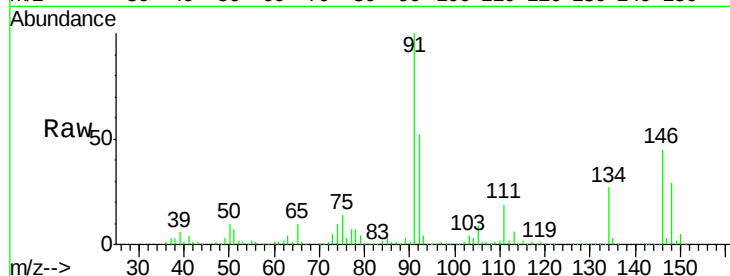
Tgt Ion: 91 Resp: 382229

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

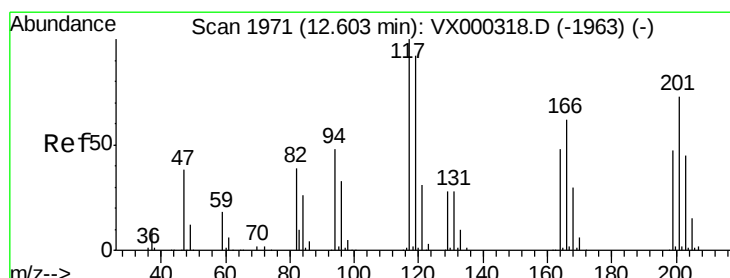
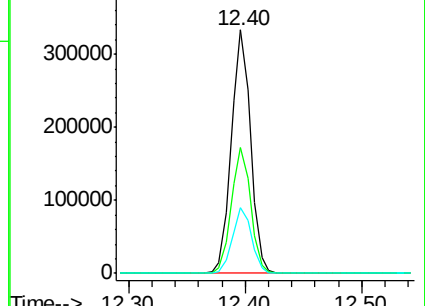
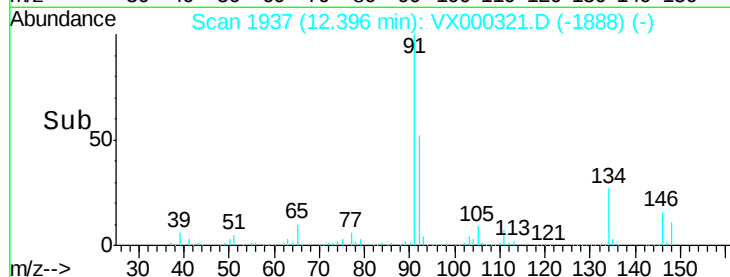
134 26.9 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.22 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000321.D

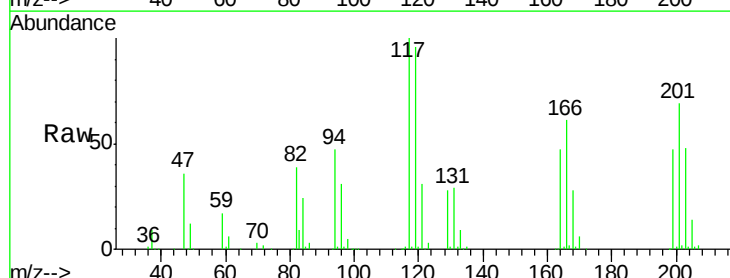
Acq: 14 Mar 2018 18:32

Tgt Ion: 117 Resp: 65199

Ion Ratio Lower Upper

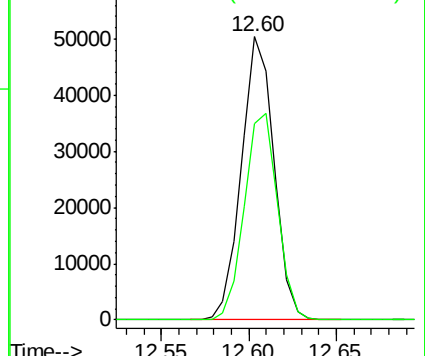
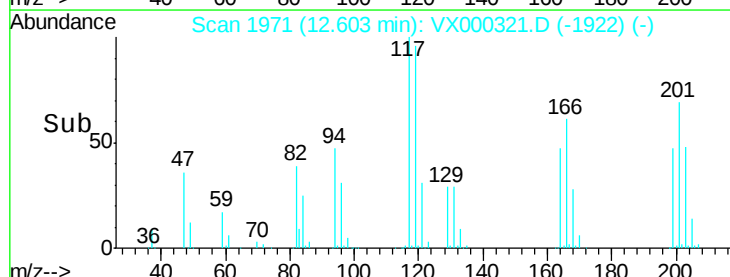
117 100

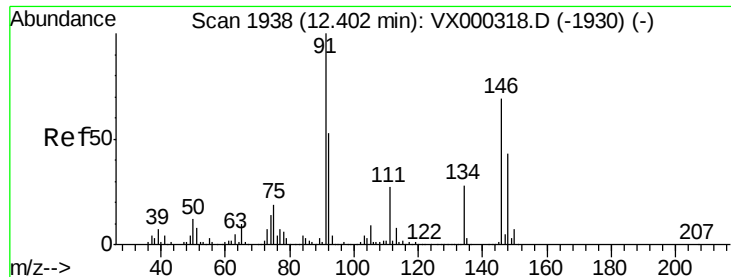
201 74.5 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

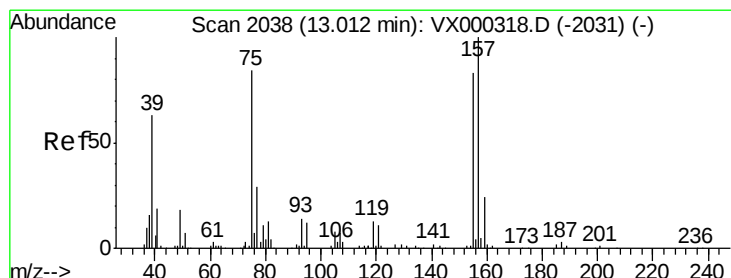
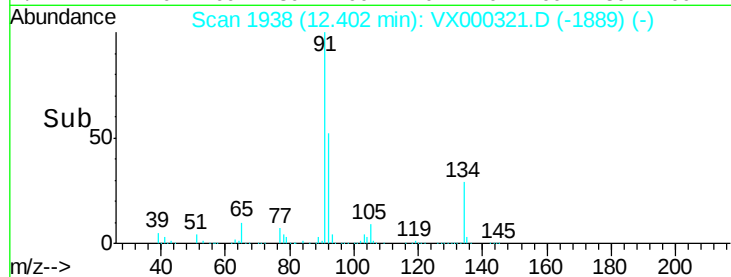
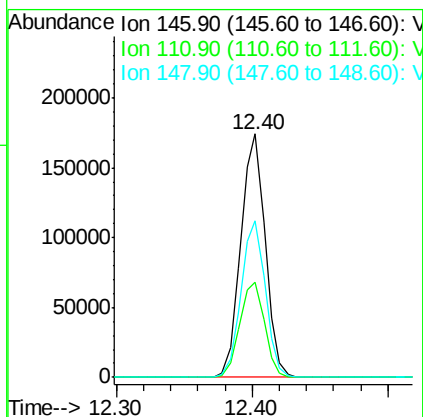
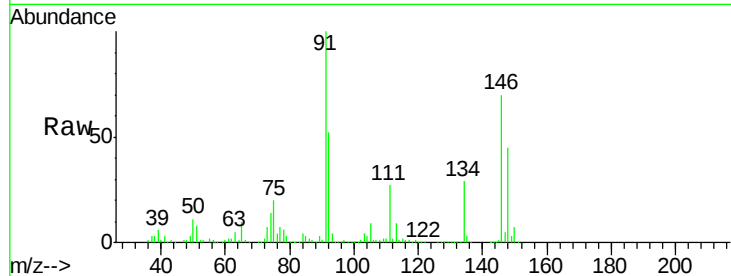




#91
 1,2-Dichlorobenzene
 Concen: 48.84 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

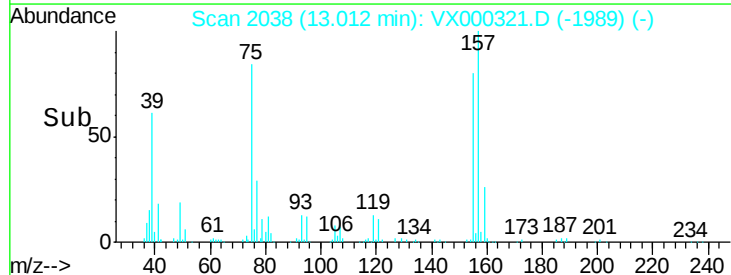
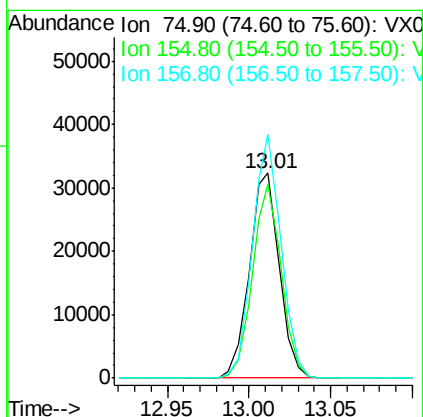
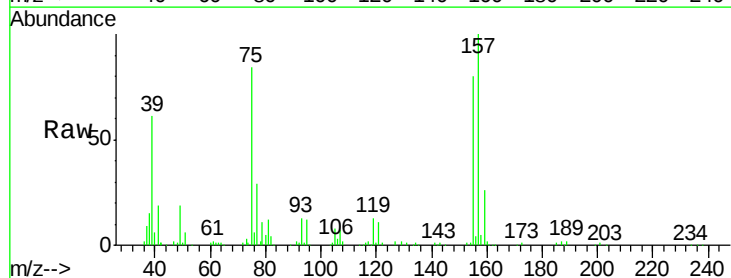
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

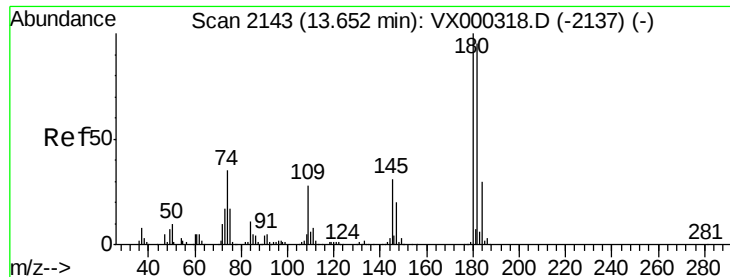
Tgt Ion: 146 Resp: 217332
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 63.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.06 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion: 75 Resp: 41302
 Ion Ratio Lower Upper
 75 100
 155 90.5 45.0 134.8
 157 113.5 58.1 174.2

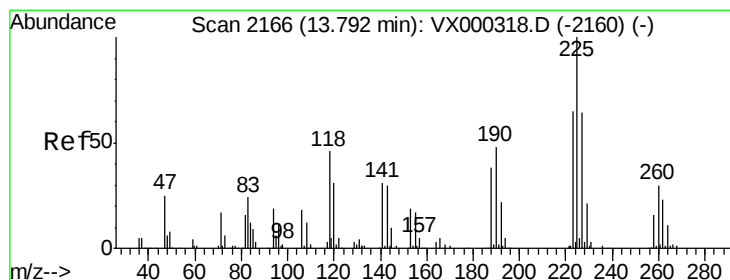
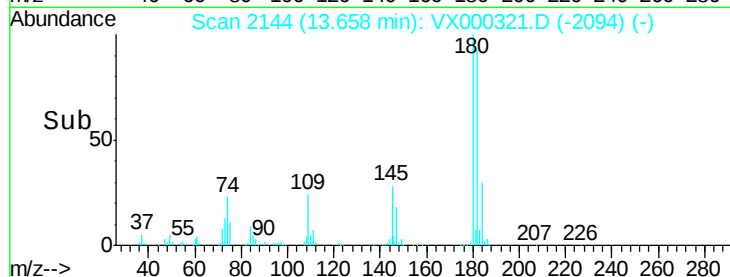
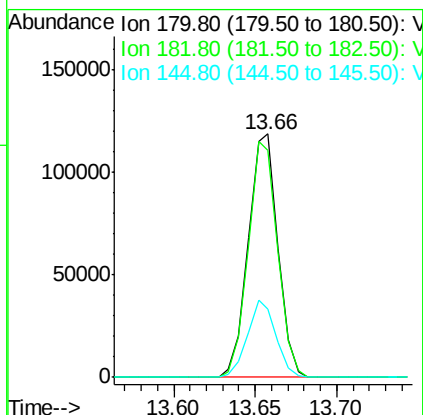
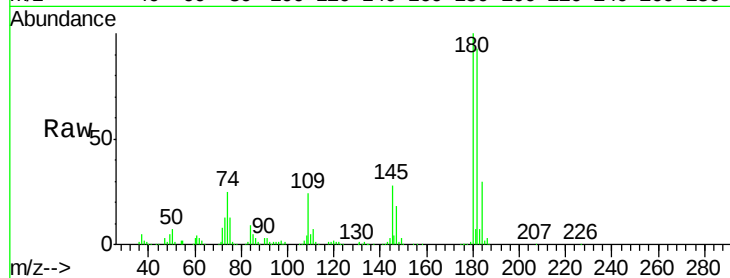




#93
 1,2,4-Trichlorobenzene
 Concen: 46.93 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

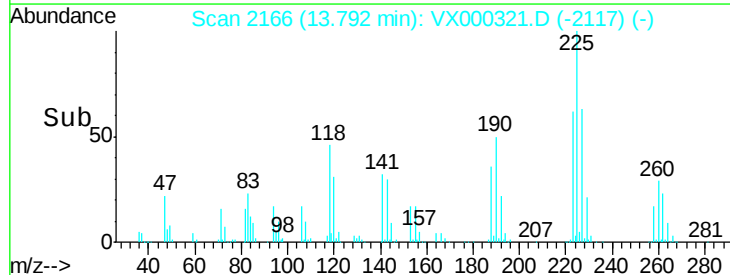
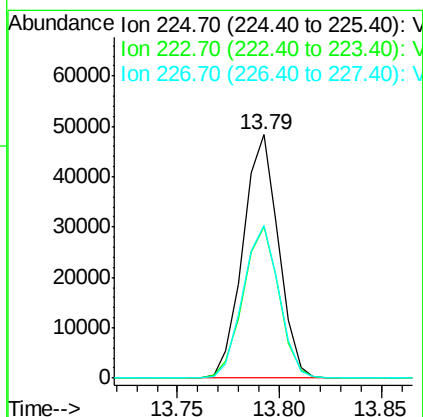
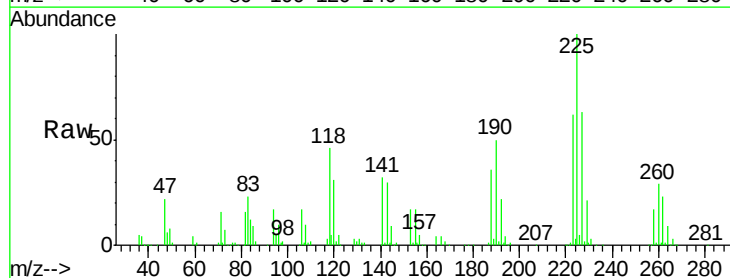
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

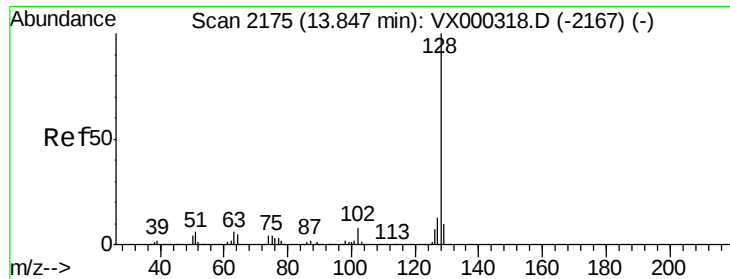
Tgt Ion:180 Resp: 150432
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.9
 145 30.3 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 46.10 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000321.D
 Acq: 14 Mar 2018 18:32

Tgt Ion:225 Resp: 58284
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 63.5 32.6 98.0

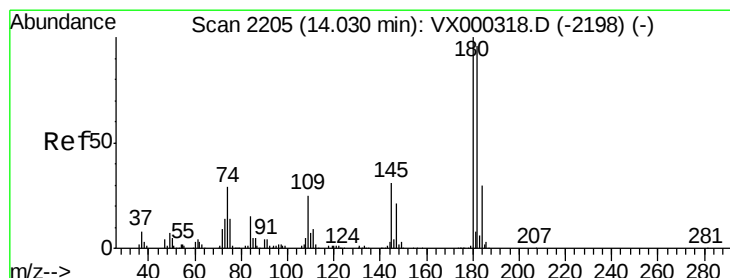
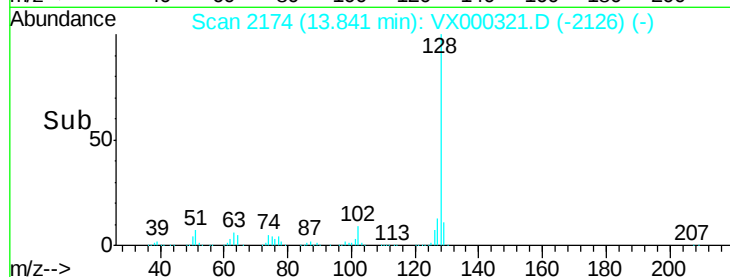
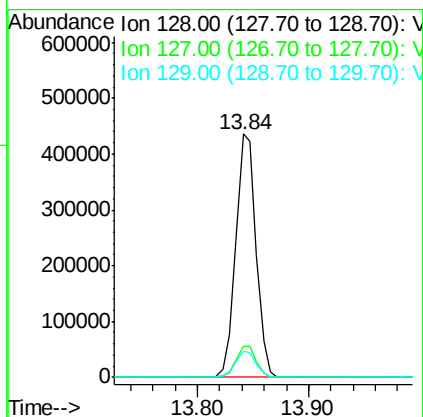
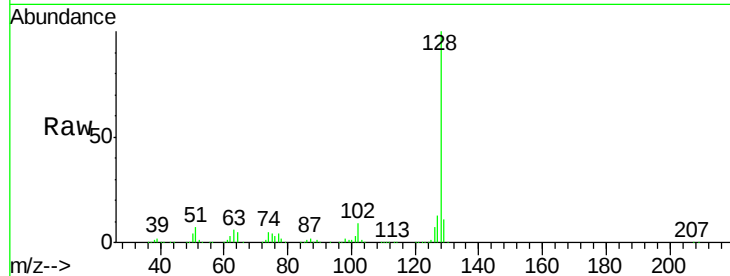




#95
Naphthalene
Concen: 49.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.58 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000321.D
Acq: 14 Mar 2018 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.4	142.3
145	31.3	15.8	47.3

