

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\
 Data File : VX000354.D
 Acq On : 20 Mar 2018 10:12
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Mar 20 12:07:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 20 12:07:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	96738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	152756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	71747	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	703	0.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.06%	
35) Dibromofluoromethane	5.51	113	368	0.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.76%	
50) Toluene-d8	8.72	98	1828	0.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.90%	
62) 4-Bromofluorobenzene	11.15	95	671	0.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	757	0.73	ug/l	93
3) Chloromethane	1.32	50	787	0.74	ug/l #	86
4) Vinyl Chloride	1.41	62	808	0.68	ug/l #	85
5) Bromomethane	1.65	94	903	0.68	ug/l	90
6) Chloroethane	1.73	64	716	0.85	ug/l	93
7) Trichlorofluoromethane	1.93	101	1265	0.61	ug/l	92
8) Diethyl Ether	2.19	74	575	0.78	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	2.40	101	662	0.59	ug/l #	56
10) Methyl Iodide	2.52	142	470	0.42	ug/l #	90
11) Tert butyl alcohol	3.04	59	1530	3.53	ug/l #	81
12) 1,1-Dichloroethene	2.39	96	724	0.69	ug/l	84
13) Acrolein	2.29	56	910	4.88	ug/l	95
14) Allyl chloride	2.74	41	1623	0.86	ug/l	96
15) Acrylonitrile	3.15	53	2853	3.42	ug/l	94
16) Acetone	2.45	43	3562	3.99	ug/l	96
17) Carbon Disulfide	2.58	76	2166	0.70	ug/l #	68
18) Methyl Acetate	2.78	43	1581	0.79	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	2687	0.72	ug/l	94
20) Methylene Chloride	2.86	84	949	0.82	ug/l #	86
21) trans-1,2-Dichloroethene	3.18	96	902	0.77	ug/l	84
22) Diisopropyl ether	3.87	45	2644	0.84	ug/l #	83
23) Vinyl Acetate	3.82	43	10936	3.66	ug/l	100
24) 1,1-Dichloroethane	3.70	63	1731	0.88	ug/l #	83
25) 2-Butanone	4.71	43	4033	3.78	ug/l	94
26) 2,2-Dichloropropane	4.58	77	553	0.39	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	757	0.71	ug/l	85
28) Bromochloromethane	5.03	49	490	0.59	ug/l #	82
29) Tetrahydrofuran	5.17	42	2565	3.73	ug/l #	86
30) Chloroform	5.21	83	1355	0.73	ug/l #	73
31) Cyclohexane	5.59	56	1154	0.76	ug/l #	85
32) 1,1,1-Trichloroethane	5.51	97	677	0.41	ug/l #	33
36) 1,1-Dichloropropene	5.81	75	933	0.67	ug/l #	59
37) Ethyl Acetate	4.88	43	1382	0.75	ug/l #	69
38) Carbon Tetrachloride	5.81	117	912	0.65	ug/l #	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1262	0.78	ug/l	87
40) Benzene	6.15	78	2834	0.72	ug/l #	83
41) Methacrylonitrile	5.06	41	917	0.95	ug/l #	68
42) 1,2-Dichloroethane	6.20	62	1310	0.84	ug/l #	78
43) Isopropyl Acetate	6.48	43	1932	0.73	ug/l #	87
44) Trichloroethene	7.21	130	917	0.80	ug/l	64
45) 1,2-Dichloropropane	7.53	63	736	0.76	ug/l #	44
46) Dibromomethane	7.67	93	687	0.88	ug/l #	73
47) Bromodichloromethane	7.90	83	827	0.60	ug/l	98
48) Methyl methacrylate	7.78	41	948	0.70	ug/l #	61
49) 1,4-Dioxane	7.76	88	270	8.91	ug/l #	87
51) 4-Methyl-2-Pentanone	8.66	43	6484	3.14	ug/l	92
52) Toluene	8.79	92	1845	0.67	ug/l	93
53) t-1,3-Dichloropropene	8.45	75	904	0.57	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	900	0.58	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	867	0.78	ug/l	89
56) Ethyl methacrylate	9.18	69	978	0.60	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	1310	0.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	2560	3.39	ug/l	95
59) 2-Hexanone	9.51	43	5071	2.91	ug/l	96
60) Dibromochloromethane	9.59	129	648	0.55	ug/l	88
61) 1,2-Dibromoethane	9.68	107	726	0.59	ug/l	85
64) Tetrachloroethene	9.34	164	869	0.84	ug/l #	62
65) Chlorobenzene	10.15	112	1973	0.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	641	0.64	ug/l #	63
67) Ethyl Benzene	10.26	91	3549	0.70	ug/l #	89
68) m/p-Xylenes	10.37	106	2512	1.28	ug/l	94
69) o-Xylene	10.71	106	1389	0.73	ug/l	89
70) Styrene	10.72	104	2055	0.65	ug/l	95
71) Bromoform	10.87	173	553	0.63	ug/l #	95
73) Isopropylbenzene	11.02	105	3191	0.74	ug/l	94
74) N-amyl acetate	6.48	43	1932	0.93	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	1195	0.78	ug/l	88
76) 1,2,3-Trichloropropane	11.31	75	1266	0.88	ug/l	98
77) Bromobenzene	11.26	156	886	0.78	ug/l	85
78) n-propylbenzene	11.37	91	3483	0.67	ug/l	95
79) 2-Chlorotoluene	11.43	91	2301	0.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2562	0.70	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.08	75	290	0.68	ug/l #	80
82) 4-Chlorotoluene	11.52	91	2807	0.77	ug/l	91
83) tert-Butylbenzene	11.78	119	2530	0.70	ug/l	90
84) 1,2,4-Trimethylbenzene	11.82	105	2615	0.69	ug/l	98
85) sec-Butylbenzene	11.96	105	2983	0.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	2516	0.63	ug/l #	81
87) 1,3-Dichlorobenzene	12.04	146	1914	0.86	ug/l	90
88) 1,4-Dichlorobenzene	12.04	146	1914	0.83	ug/l	92
89) n-Butylbenzene	12.40	91	2450	0.63	ug/l	95
90) Hexachloroethane	12.61	117	412	0.64	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	1769	0.82	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	312	0.75	ug/l	78

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Quant Title : SW846 8260
QLast Update : Tue Mar 20 12:07:40 2018
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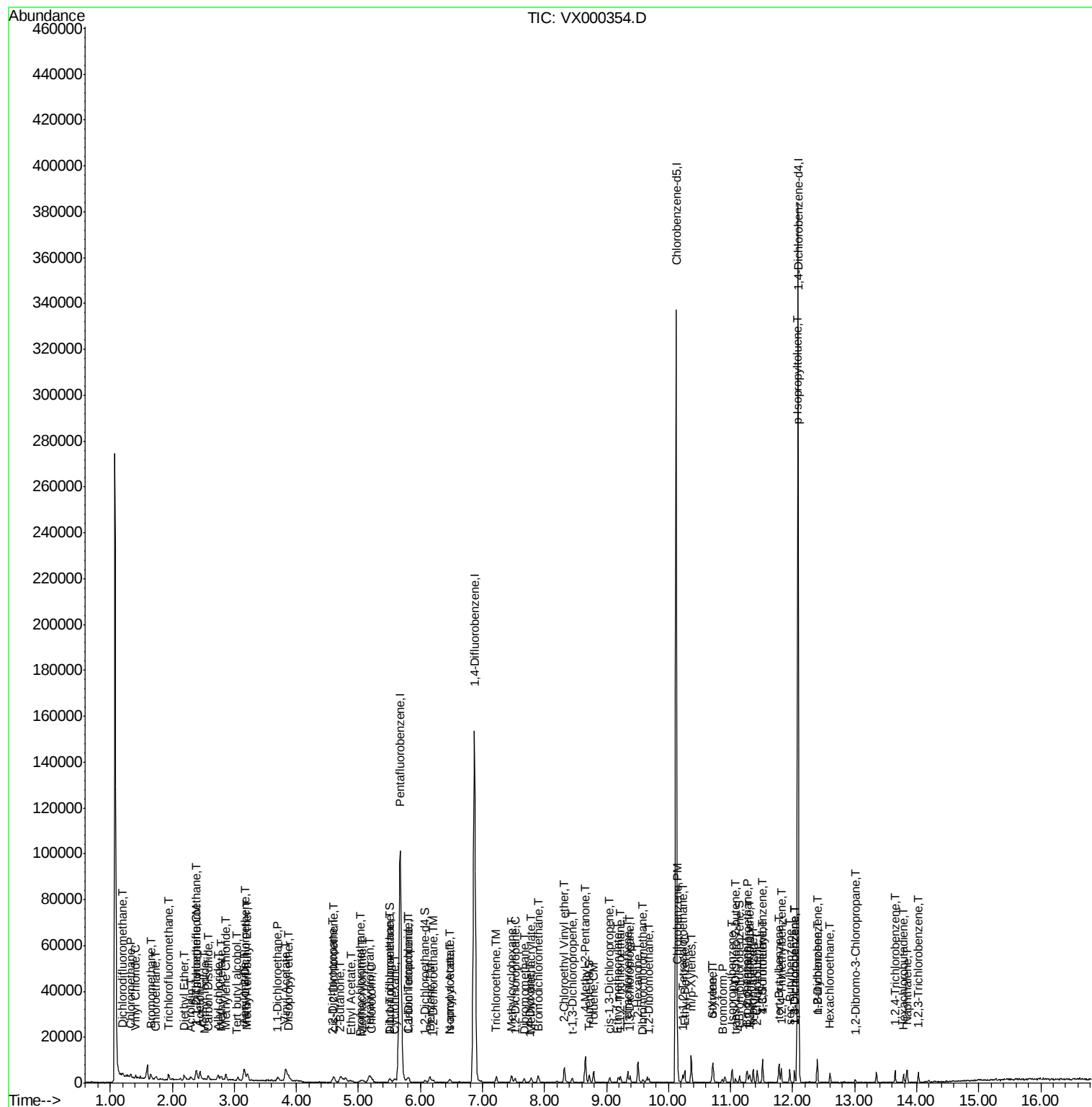
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1056	0.68	ug/l	87
94) Hexachlorobutadiene	13.79	225	511	0.83	ug/l	92
95) Naphthalene	13.84	128	3487	0.65	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	1261	0.80	ug/l	86

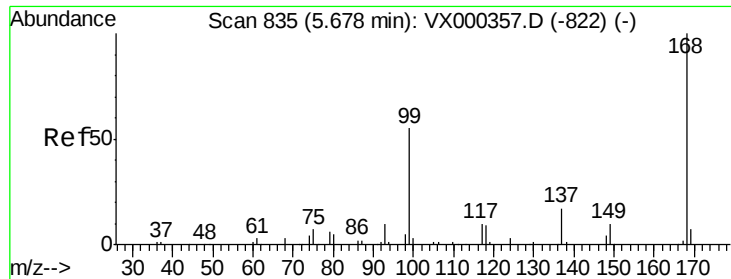
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

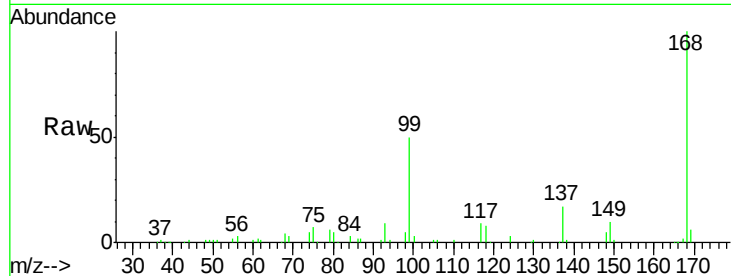
BFB

Tgt Ion:168 Resp: 96738

Ion Ratio Lower Upper

168 100

99 50.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

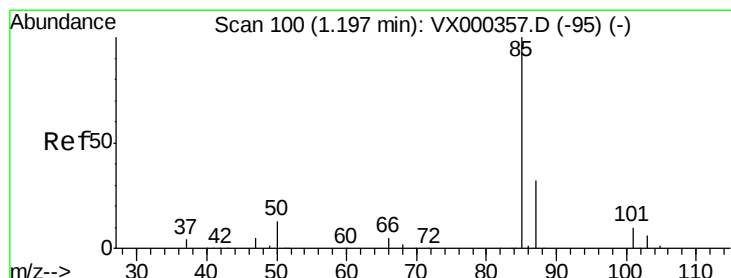
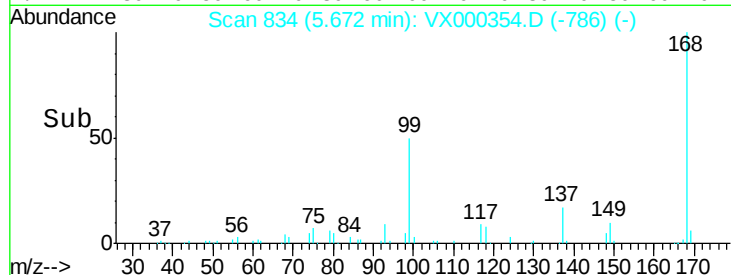
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000354.D

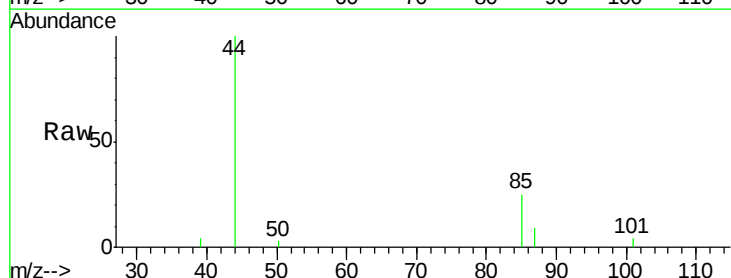
Acq: 20 Mar 2018 10:12

Tgt Ion: 85 Resp: 757

Ion Ratio Lower Upper

85 100

87 37.2 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

800

600

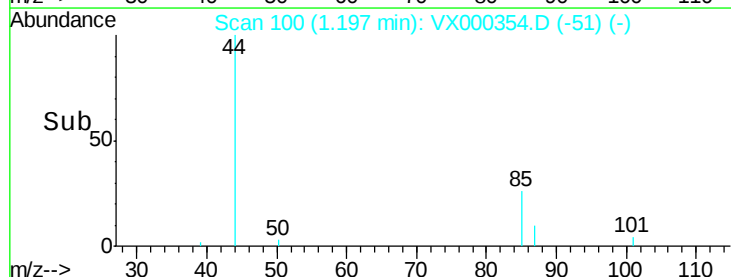
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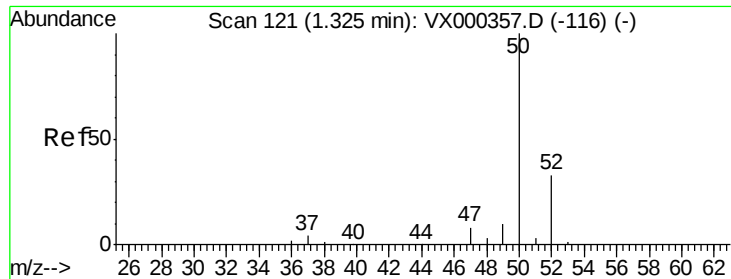
200

0

1.15 1.20

Time-->

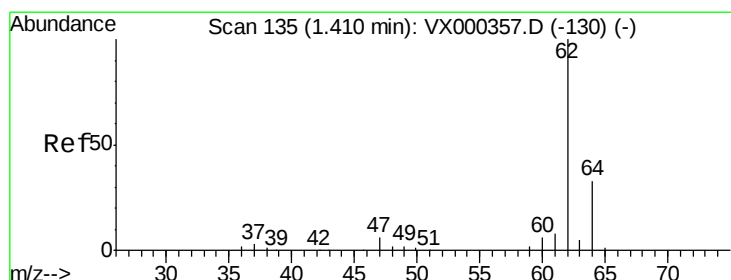
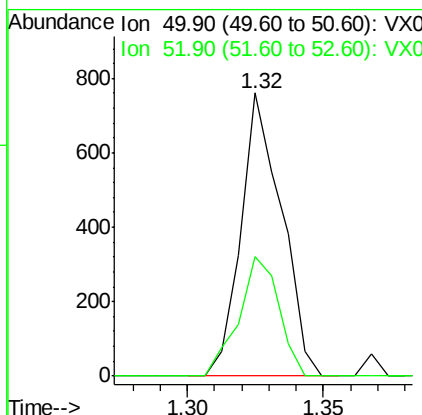
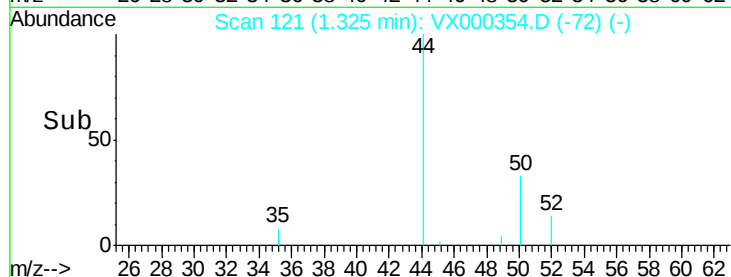
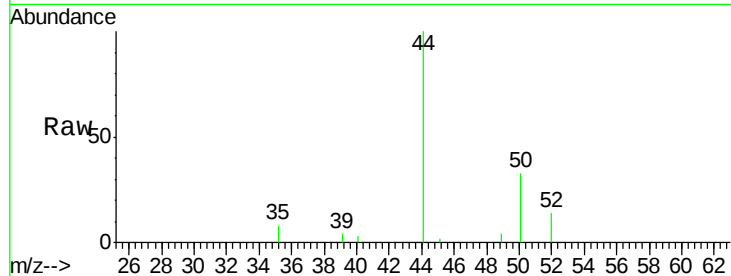




#3
 Chloromethane
 Concen: 0.74 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

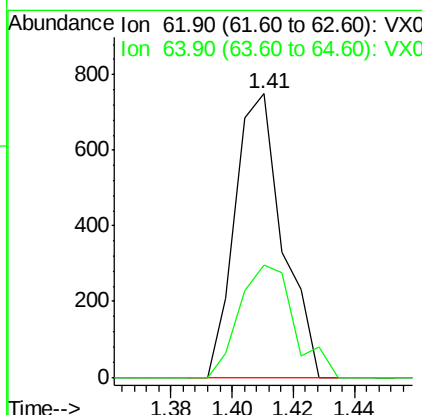
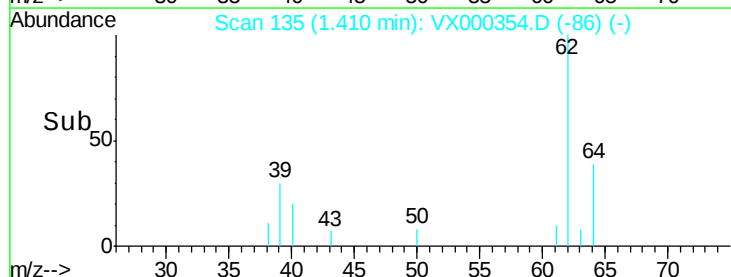
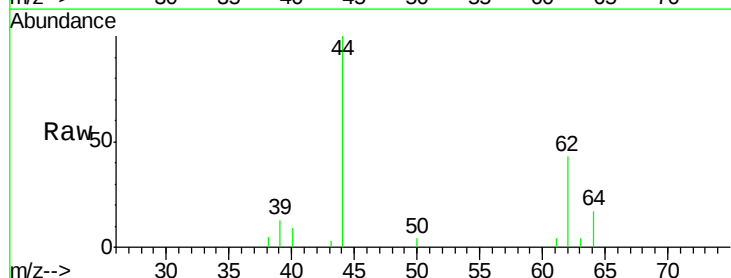
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

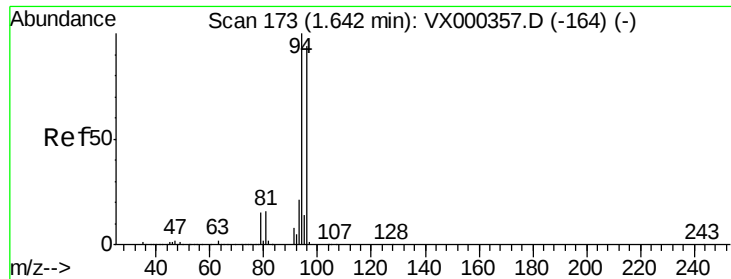
Tgt Ion: 50 Resp: 787
 Ion Ratio Lower Upper
 50 100
 52 42.2 27.5 41.3#



#4
 Vinyl Chloride
 Concen: 0.68 ug/l
 RT: 1.41 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 62 Resp: 808
 Ion Ratio Lower Upper
 62 100
 64 39.4 24.8 37.2#





#5

Bromomethane

Concen: 0.68 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

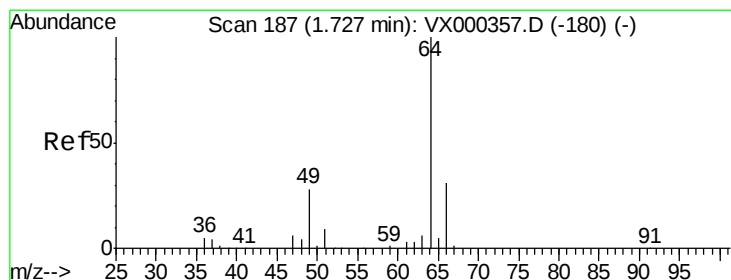
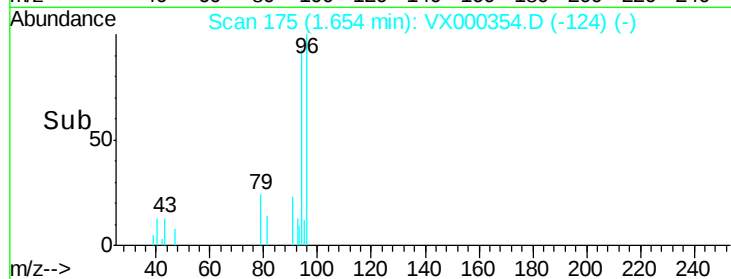
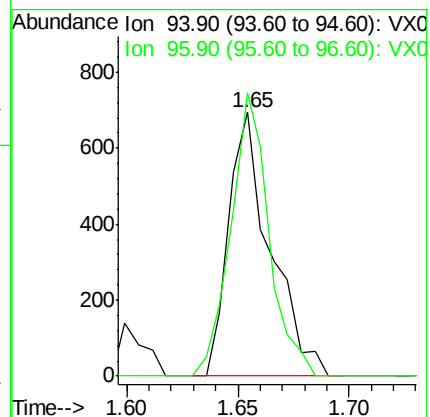
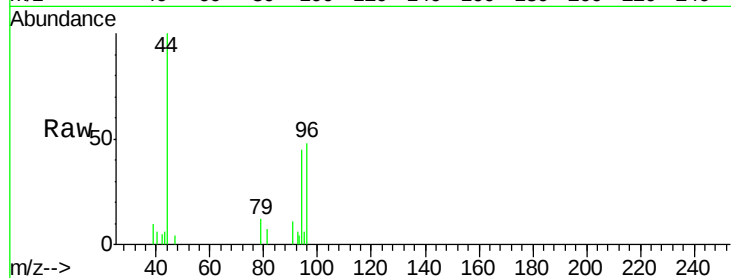
BFB

Tgt Ion: 94 Resp: 903

Ion Ratio Lower Upper

94 100

96 107.3 77.7 116.5



#6

Chloroethane

Concen: 0.85 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000354.D

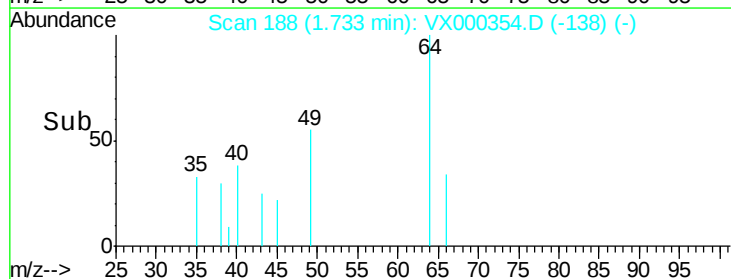
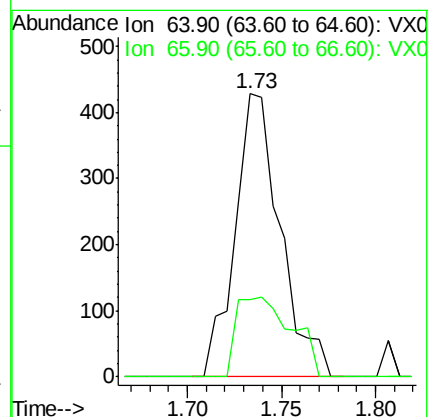
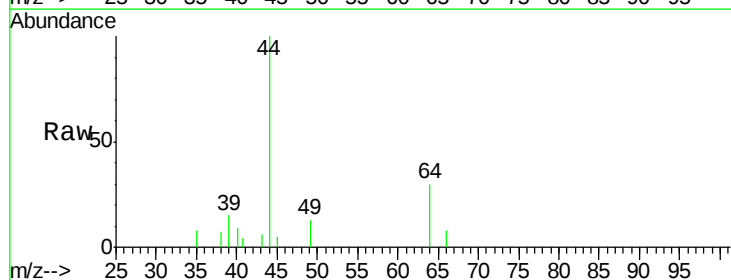
Acq: 20 Mar 2018 10:12

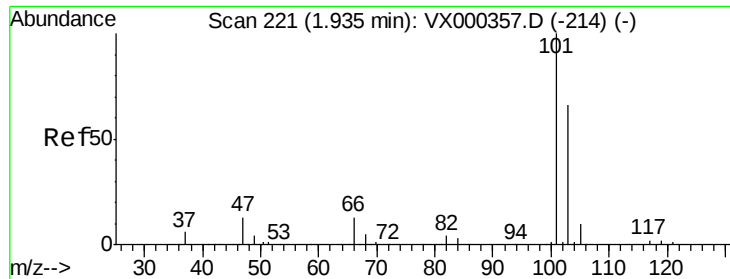
Tgt Ion: 64 Resp: 716

Ion Ratio Lower Upper

64 100

66 27.3 24.8 37.2



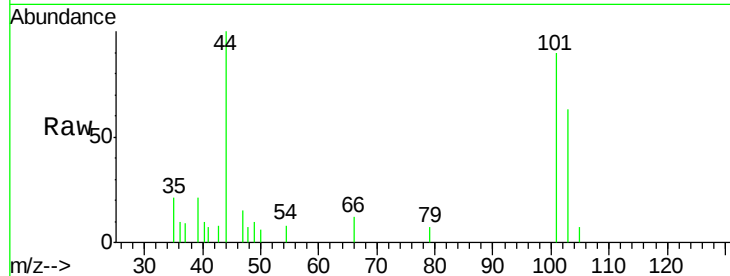


#7

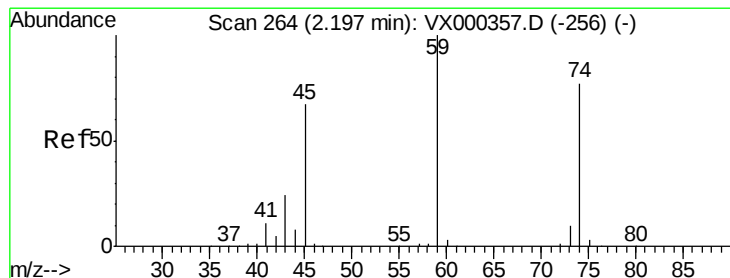
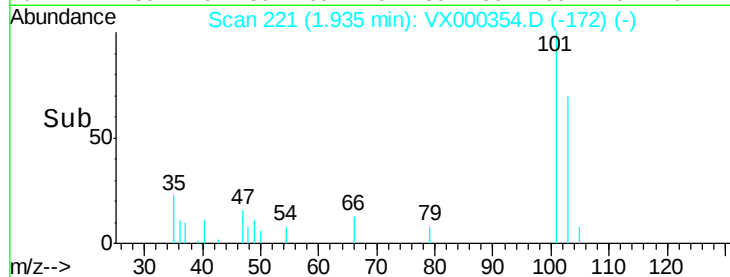
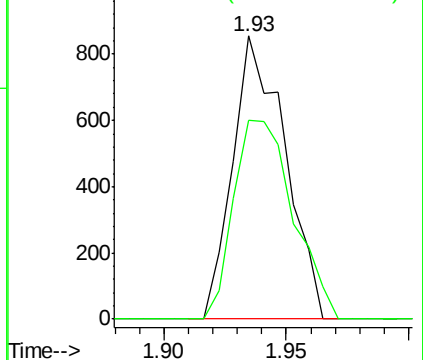
Trichlorofluoromethane
 Concen: 0.61 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Instrument :
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Tgt Ion: 101 Resp: 1265
 Ion Ratio Lower Upper
 101 100
 103 70.4 51.6 77.4



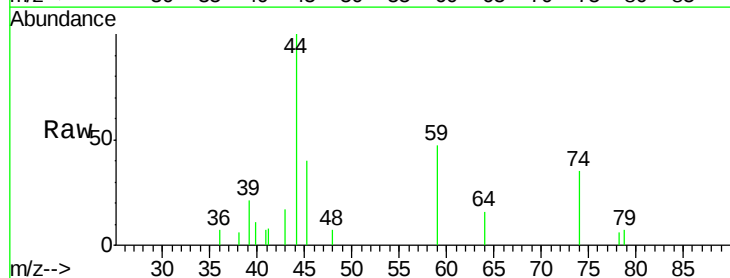
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



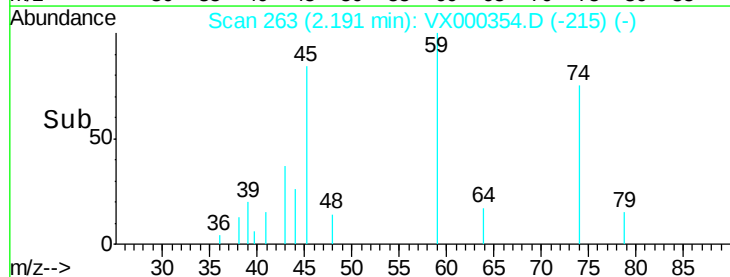
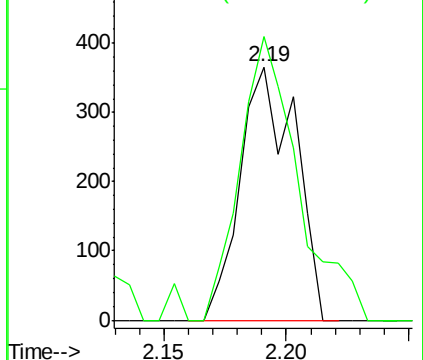
#8

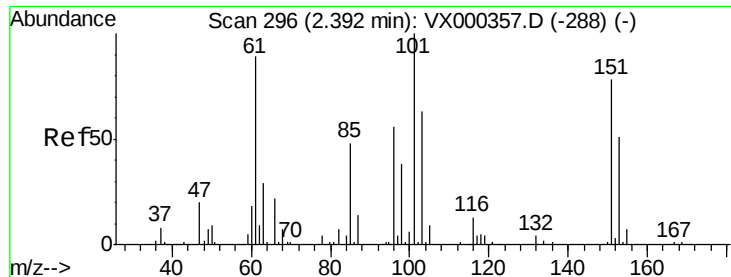
Diethyl Ether
 Concen: 0.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000354.D
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Tgt Ion: 74 Resp: 575
 Ion Ratio Lower Upper
 74 100
 45 119.1 45.1 135.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.59 ug/l

RT: 2.40 min Scan# 297

Delta R.T. 0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

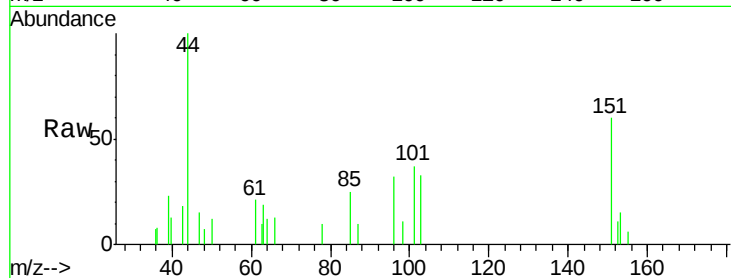
Tgt Ion:101 Resp: 662

Ion Ratio Lower Upper

101 100

85 61.5 37.6 56.4#

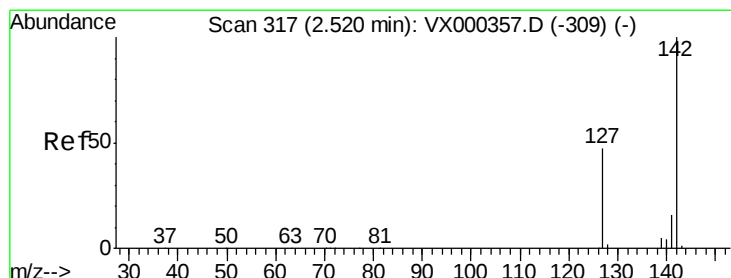
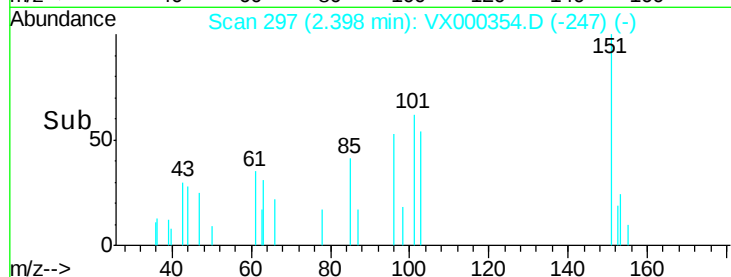
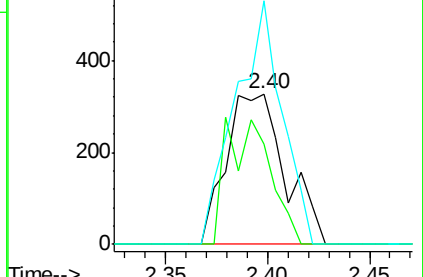
151 127.8 62.6 93.8#



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: 0.42 ug/l

RT: 2.52 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

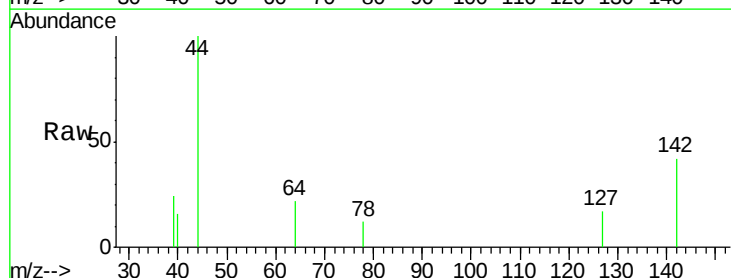
Tgt Ion:142 Resp: 470

Ion Ratio Lower Upper

142 100

127 50.2 39.2 58.8

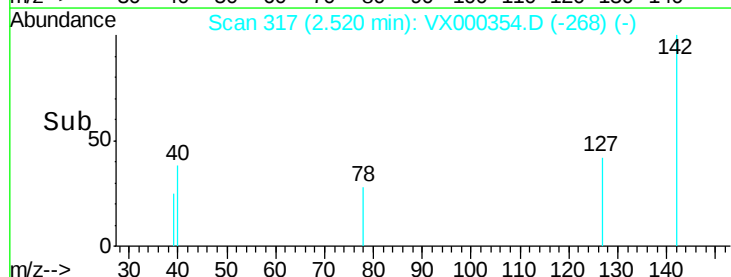
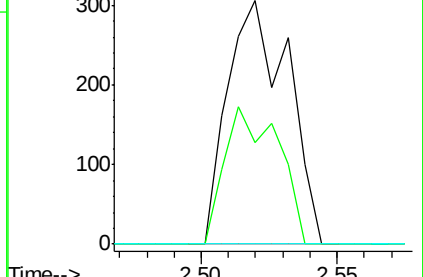
141 0.0 11.7 17.5#

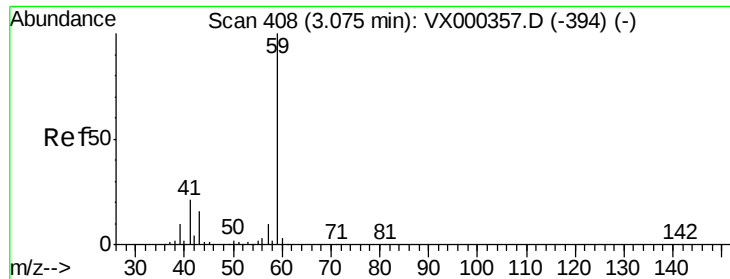


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

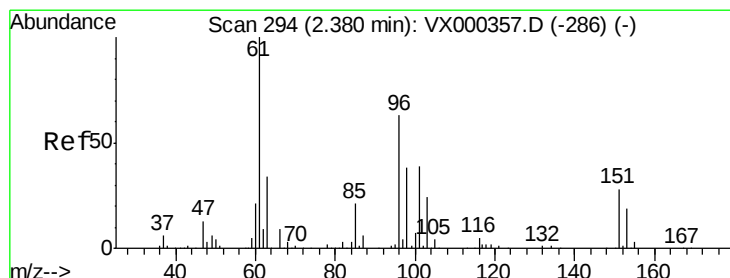
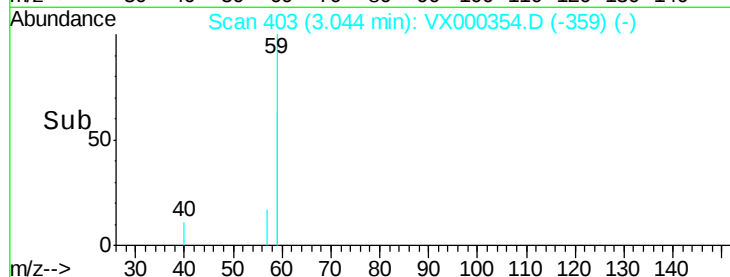
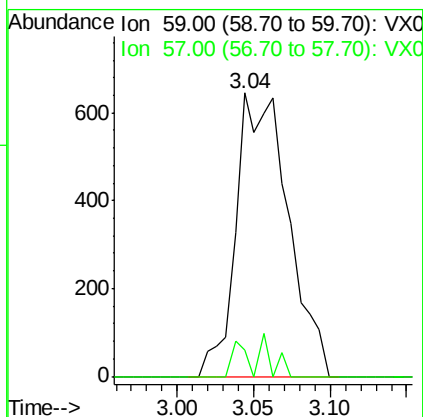
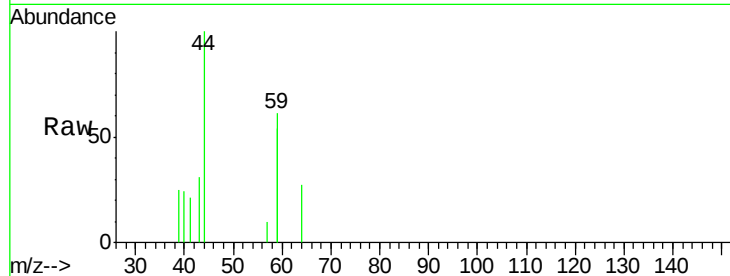




#11
Tert butyl alcohol
Concen: 3.53 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.03 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

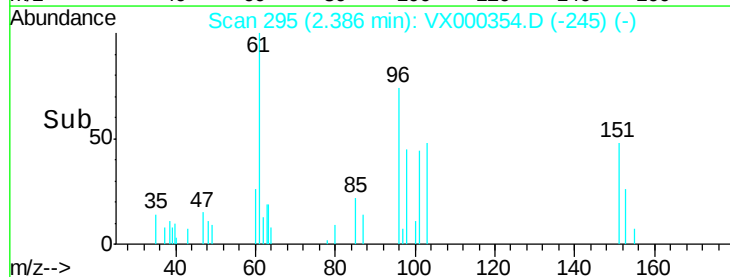
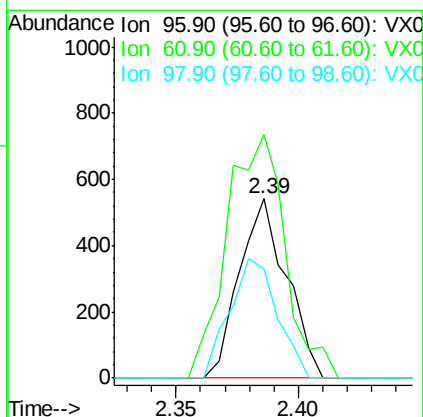
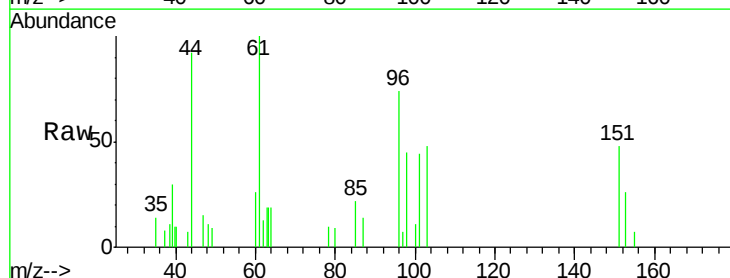
Instrument :
MSVOA_X
ClientSampled :
BFB

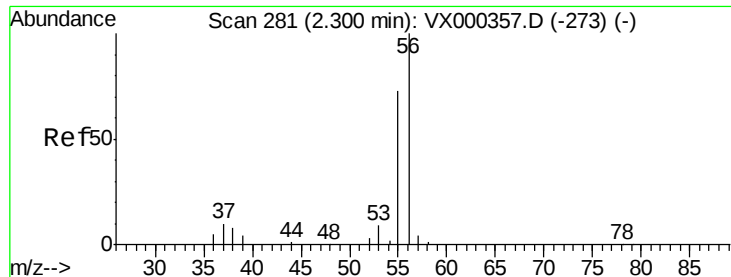
Tgt Ion: 59 Resp: 1530
Ion Ratio Lower Upper
59 100
57 3.3 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 0.69 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 96 Resp: 724
Ion Ratio Lower Upper
96 100
61 135.6 131.2 196.8
98 61.1 49.8 74.8





#13

Acrolein

Concen: 4.88 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

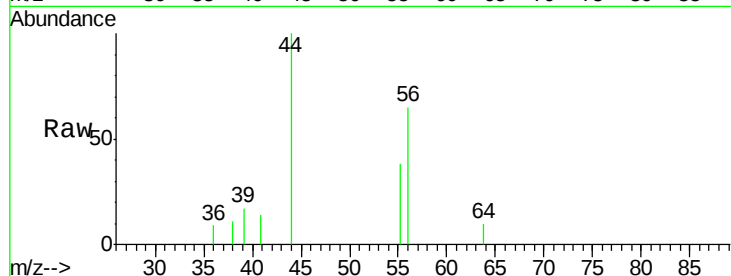
BFB

Tgt Ion: 56 Resp: 910

Ion Ratio Lower Upper

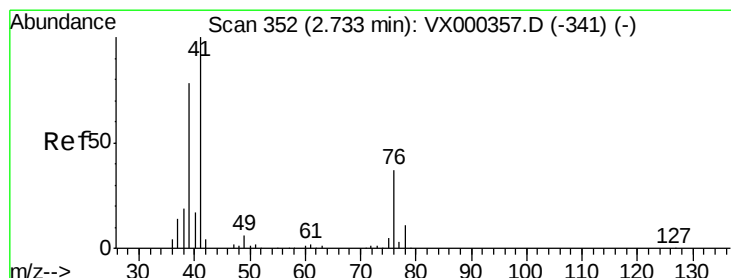
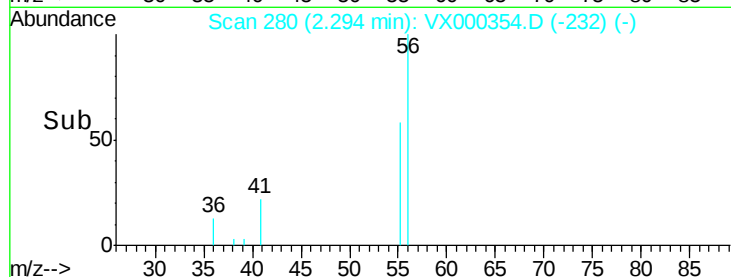
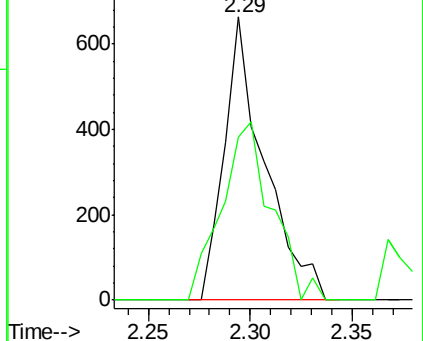
56 100

55 78.1 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.86 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

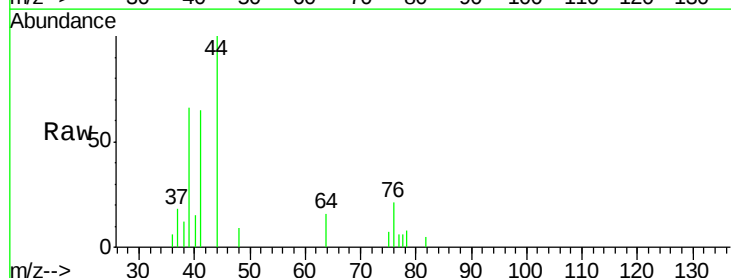
Tgt Ion: 41 Resp: 1623

Ion Ratio Lower Upper

41 100

39 70.9 57.6 86.4

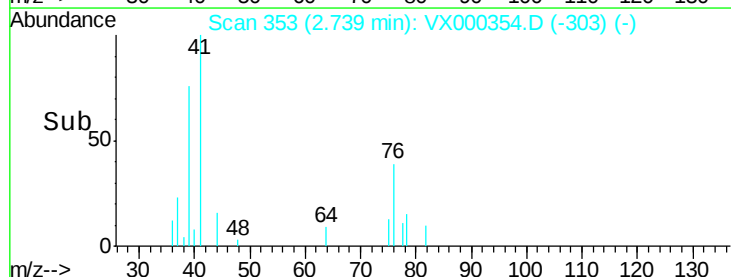
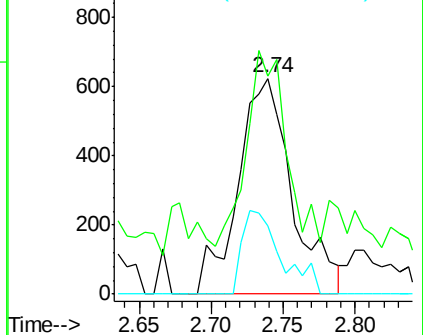
76 27.9 27.3 40.9

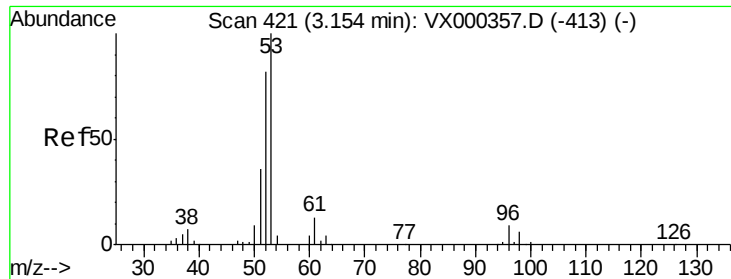


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 3.42 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

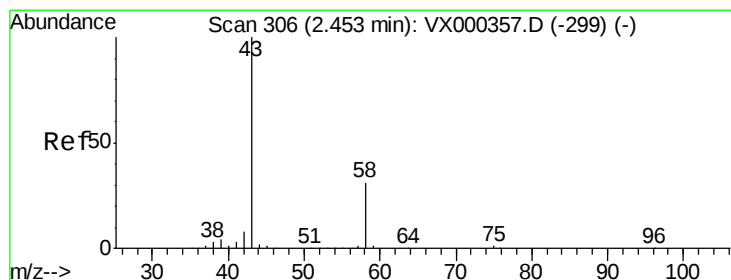
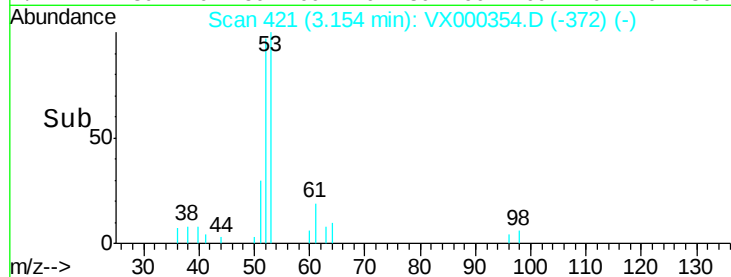
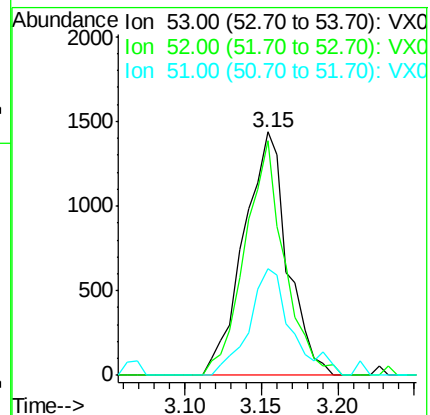
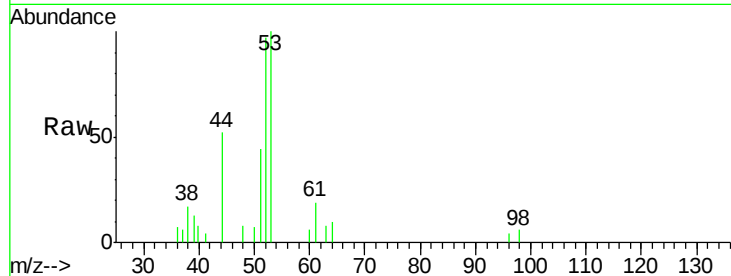
Tgt Ion: 53 Resp: 2853

Ion Ratio Lower Upper

53 100

52 87.1 66.6 99.8

51 42.3 29.3 43.9



#16

Acetone

Concen: 3.99 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000354.D

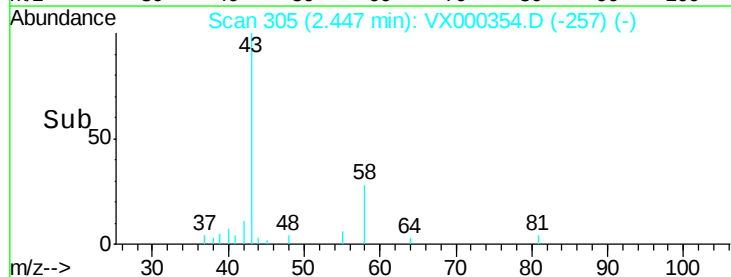
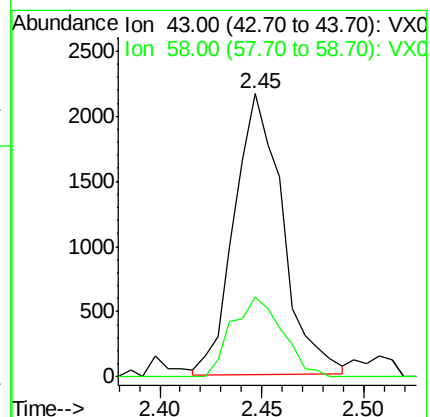
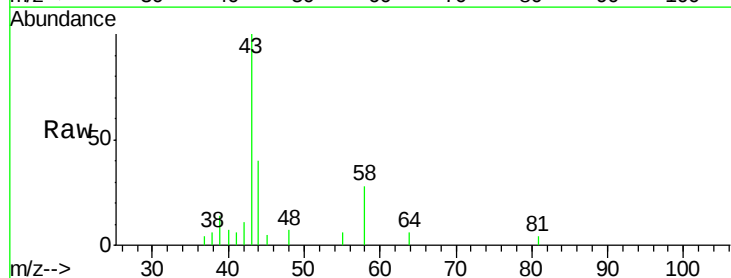
Acq: 20 Mar 2018 10:12

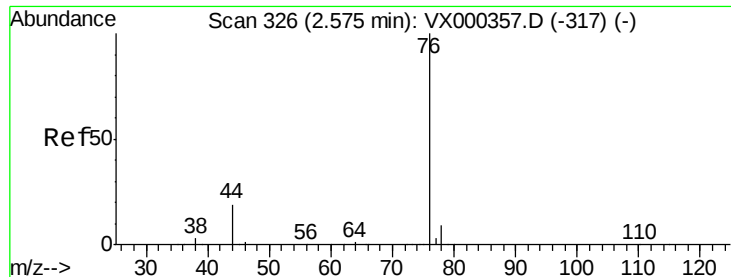
Tgt Ion: 43 Resp: 3562

Ion Ratio Lower Upper

43 100

58 28.7 24.7 37.1





#17

Carbon Disulfide

Concen: 0.70 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

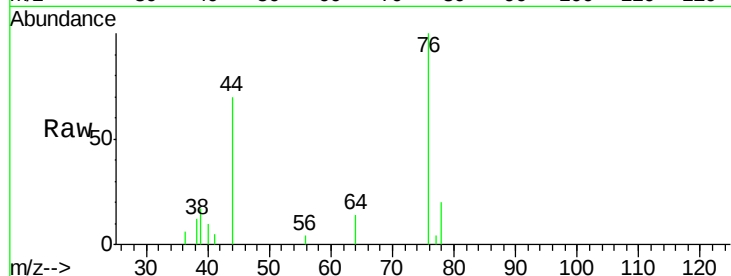
BFB

Tgt Ion: 76 Resp: 2166

Ion Ratio Lower Upper

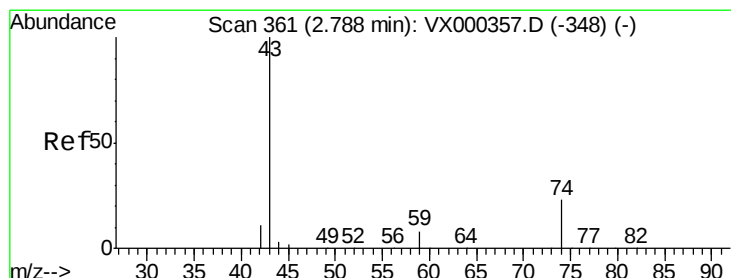
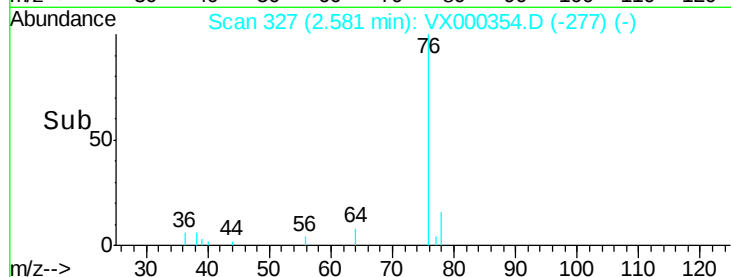
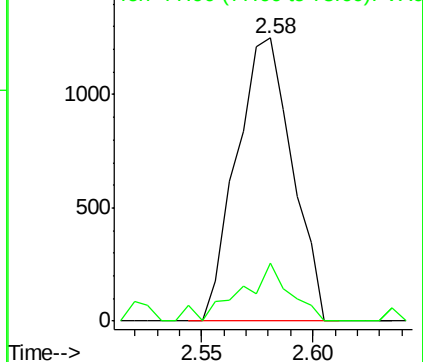
76 100

78 20.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000354.D

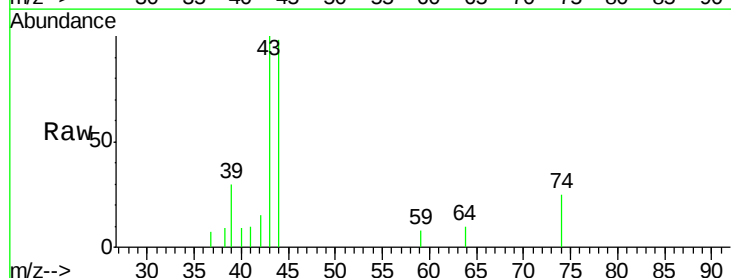
Acq: 20 Mar 2018 10:12

Tgt Ion: 43 Resp: 1581

Ion Ratio Lower Upper

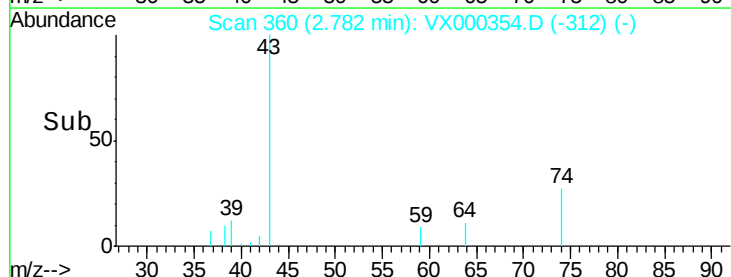
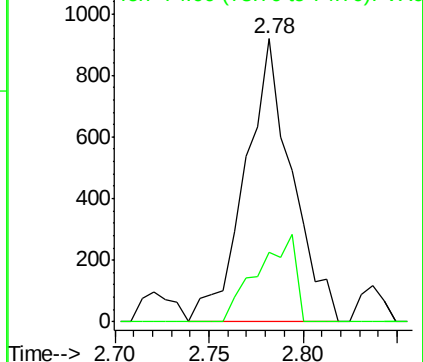
43 100

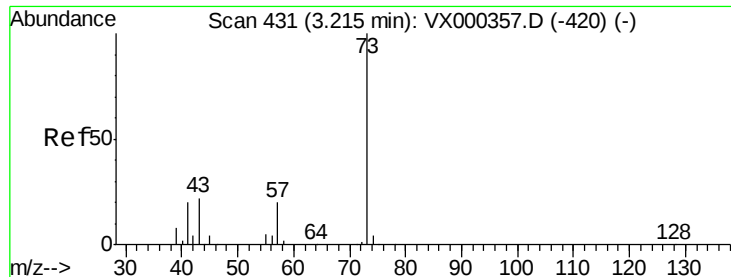
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.72 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

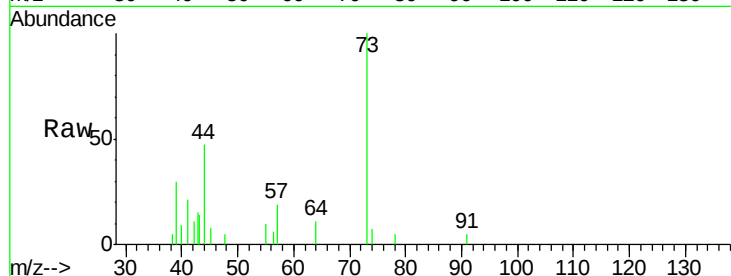
BFB

Tgt Ion: 73 Resp: 2687

Ion Ratio Lower Upper

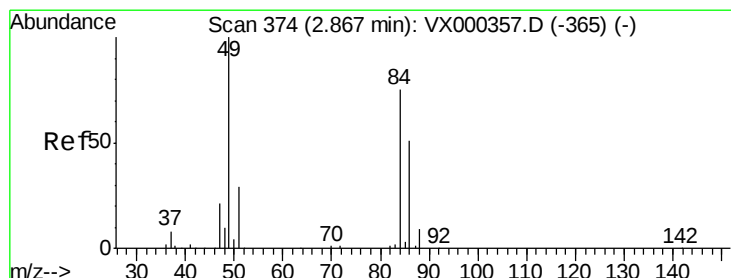
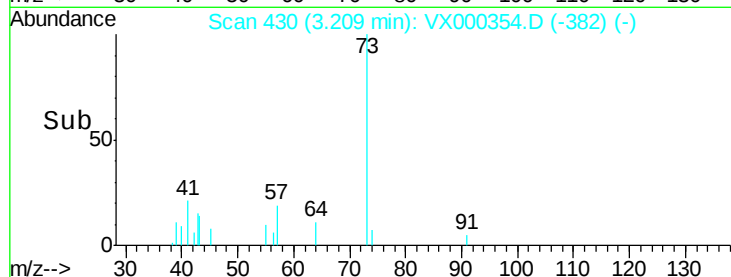
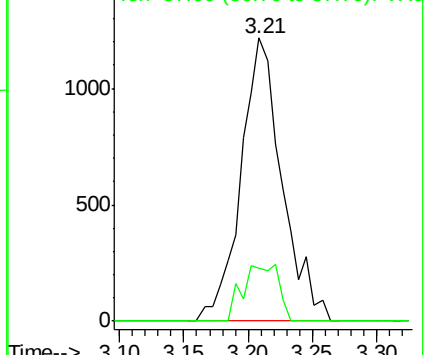
73 100

57 18.8 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 0.82 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Tgt Ion: 84 Resp: 949

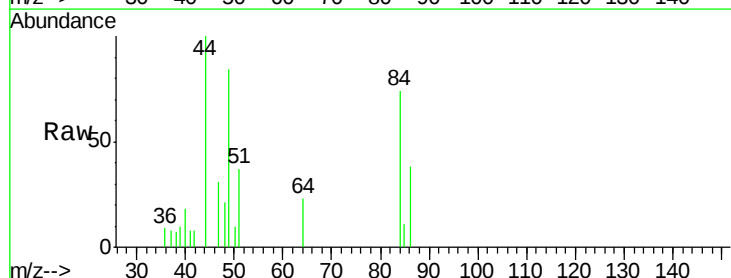
Ion Ratio Lower Upper

84 100

49 114.0 100.6 151.0

51 49.7 31.6 47.4#

86 51.5 52.6 78.8#

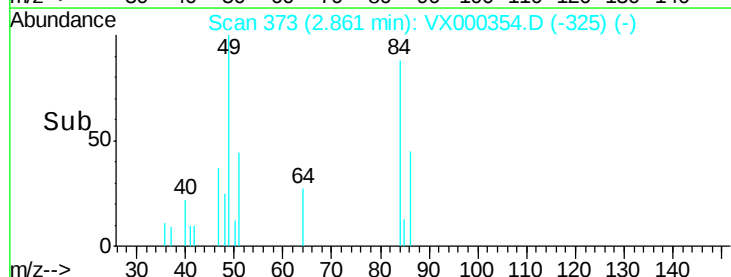
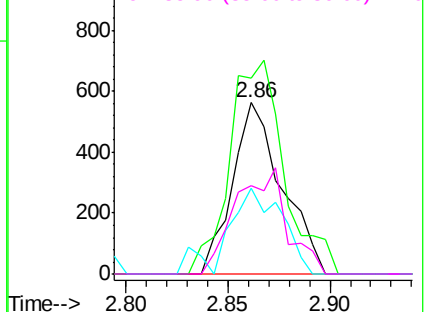


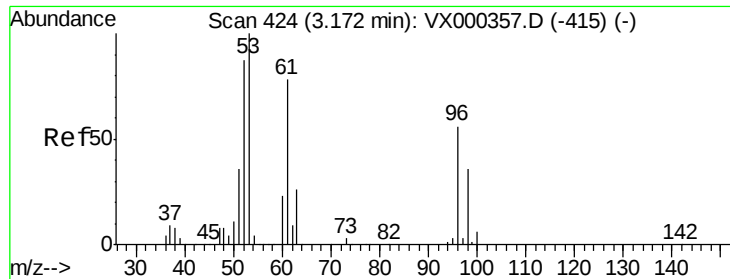
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.77 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

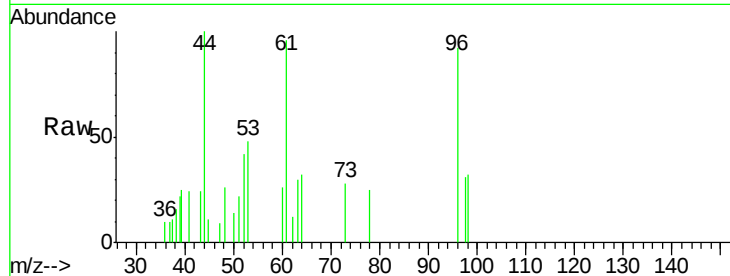
Tgt Ion: 96 Resp: 902

Ion Ratio Lower Upper

96 100

61 104.1 104.0 156.0

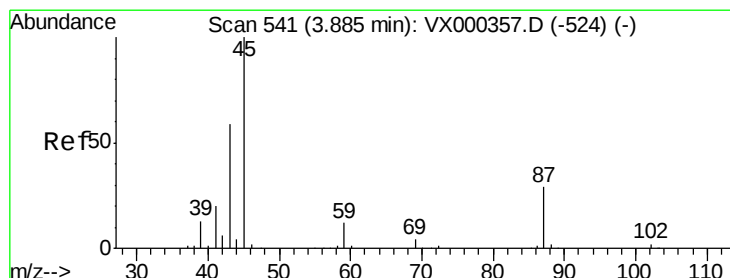
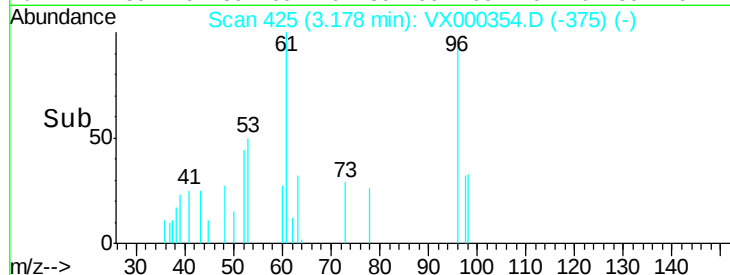
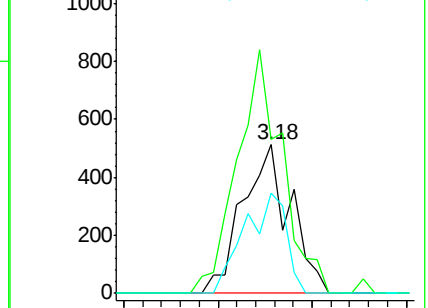
98 67.8 52.1 78.1



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: 0.84 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Tgt Ion: 45 Resp: 2644

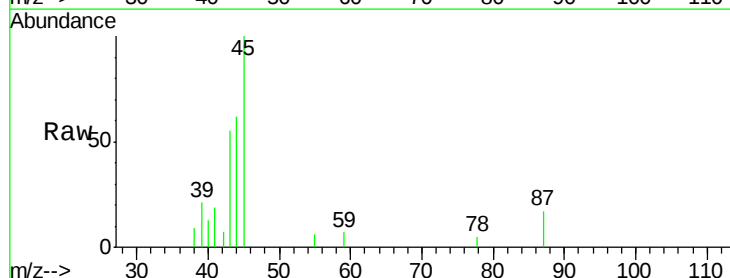
Ion Ratio Lower Upper

45 100

43 55.3 53.9 80.9

87 16.5 22.6 34.0#

59 7.2 9.5 14.3#

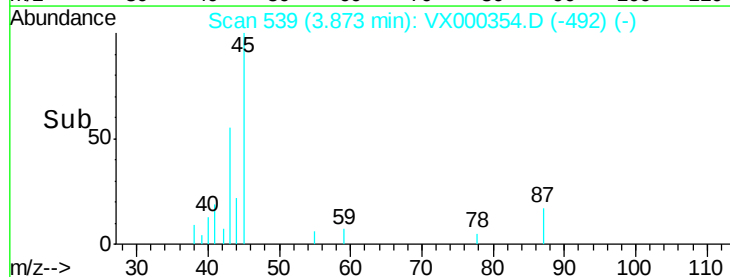
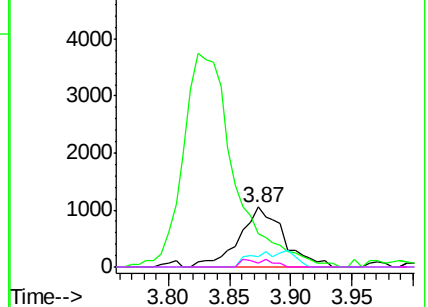


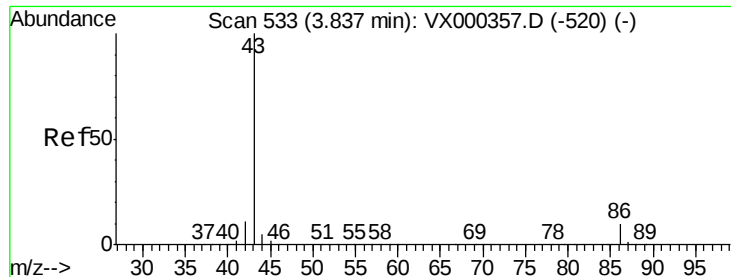
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 3.66 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

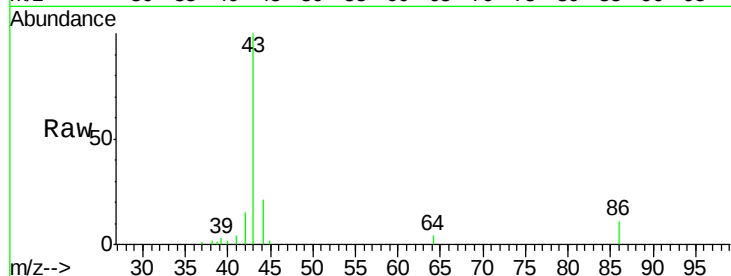
BFB

Tgt Ion: 43 Resp: 10936

Ion Ratio Lower Upper

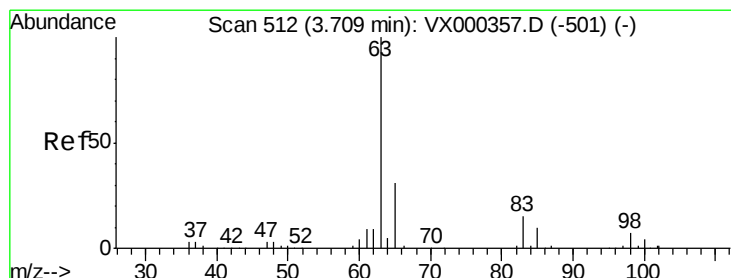
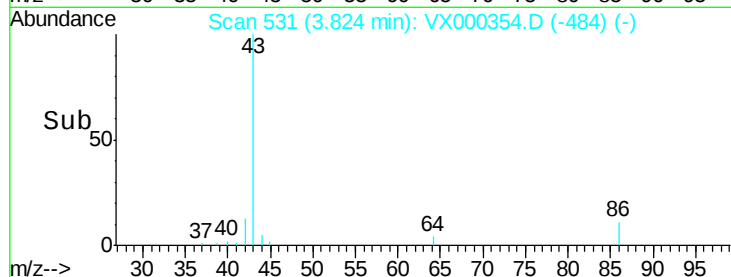
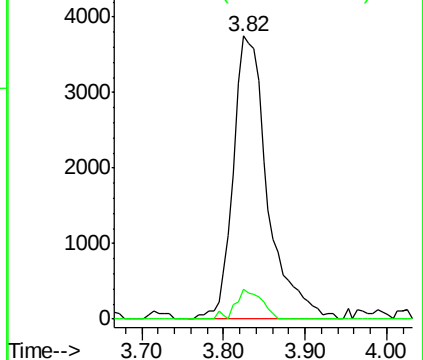
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.88 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

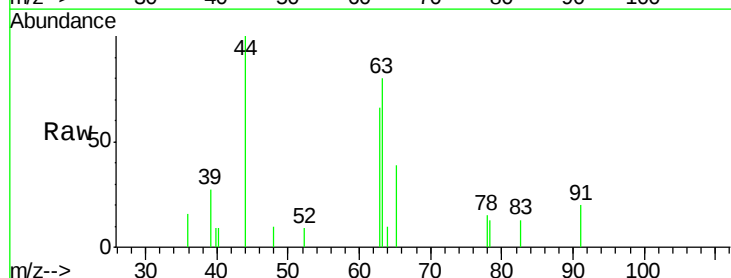
Tgt Ion: 63 Resp: 1731

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

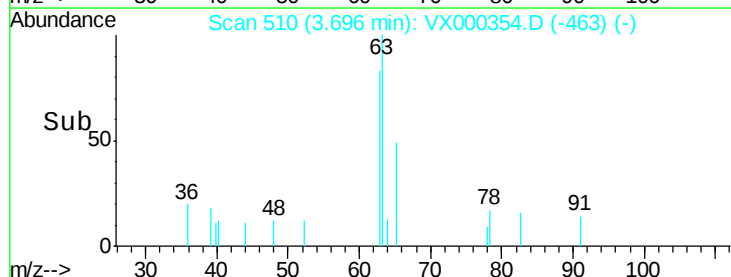
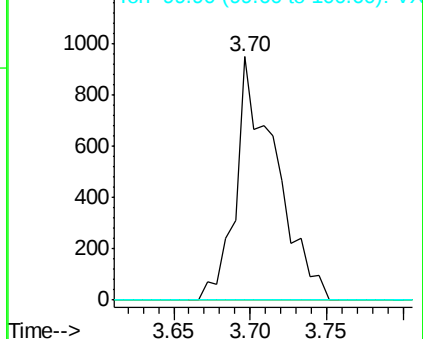
100 0.0 2.0 5.8#

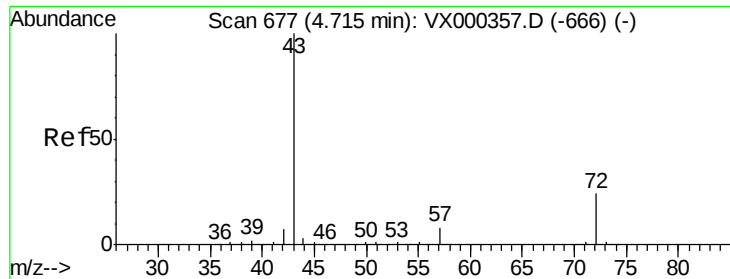


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 3.78 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

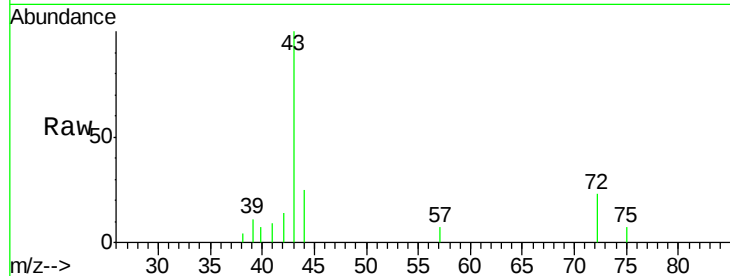
BFB

Tgt Ion: 43 Resp: 4033

Ion Ratio Lower Upper

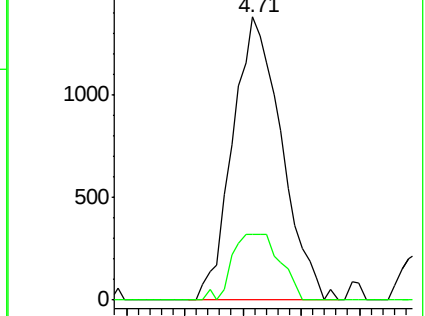
43 100

72 23.3 21.0 31.6

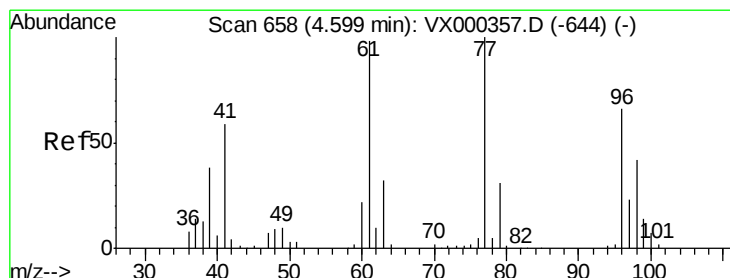
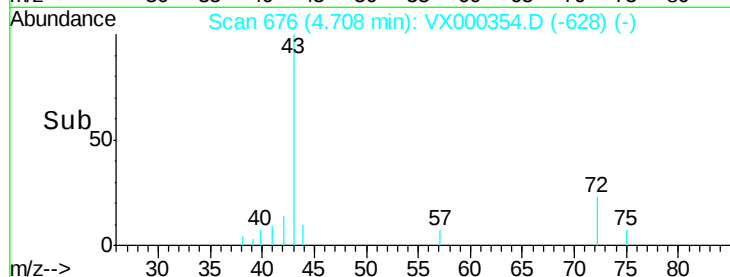


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 0.39 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.02 min

Lab File: VX000354.D

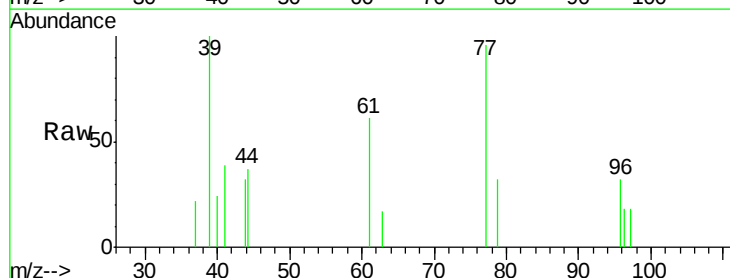
Acq: 20 Mar 2018 10:12

Tgt Ion: 77 Resp: 553

Ion Ratio Lower Upper

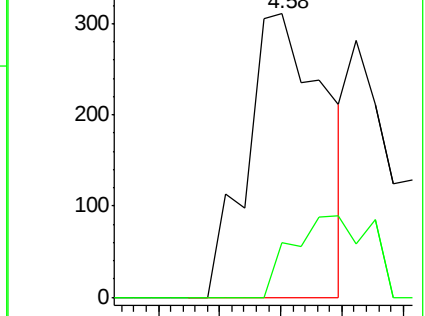
77 100

97 28.8 11.3 33.8

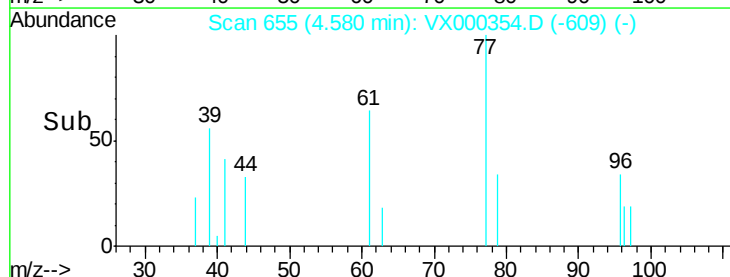


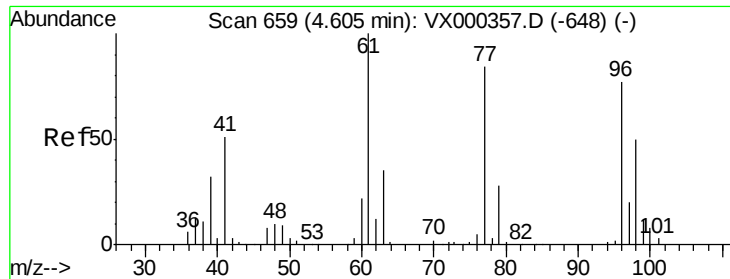
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.71 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

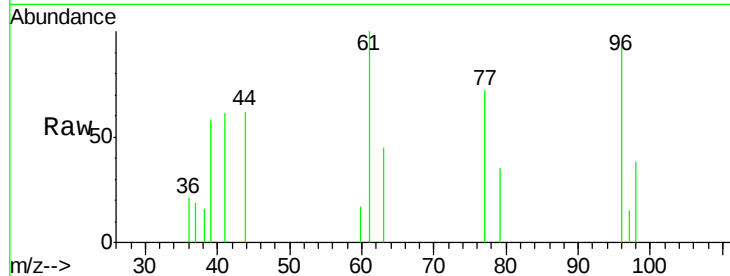
Tgt Ion: 96 Resp: 757

Ion Ratio Lower Upper

96 100

61 160.6 0.0 291.6

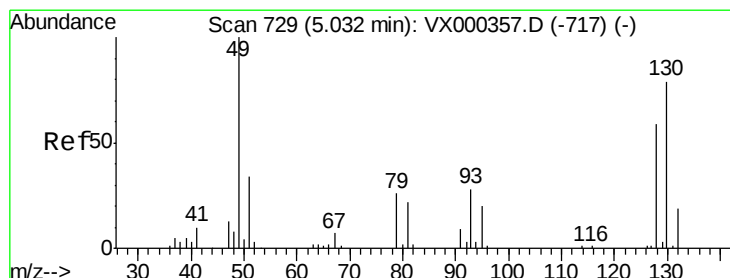
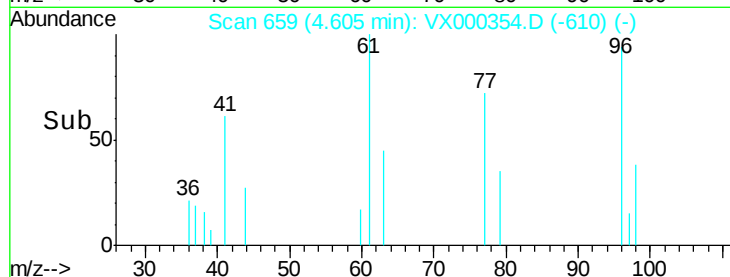
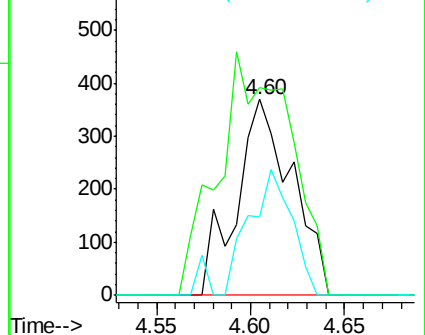
98 49.4 0.0 132.0



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: 0.59 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

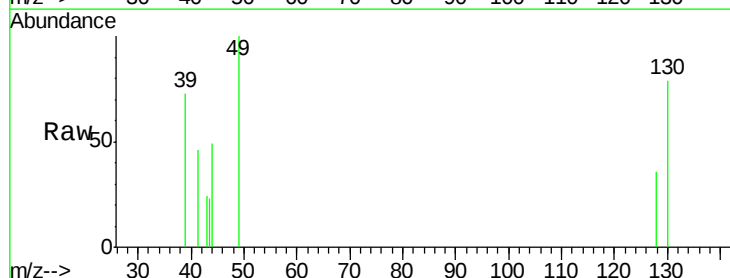
Tgt Ion: 49 Resp: 490

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

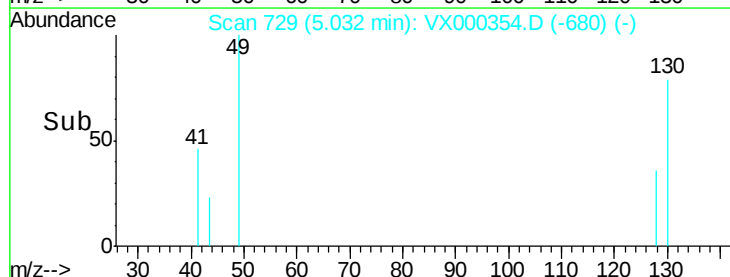
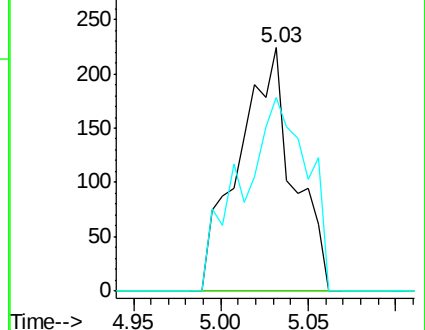
130 95.9 64.0 96.0

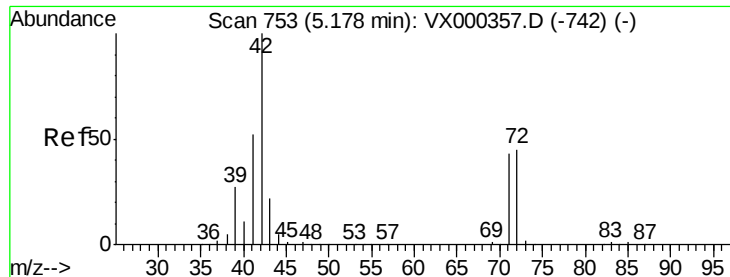


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

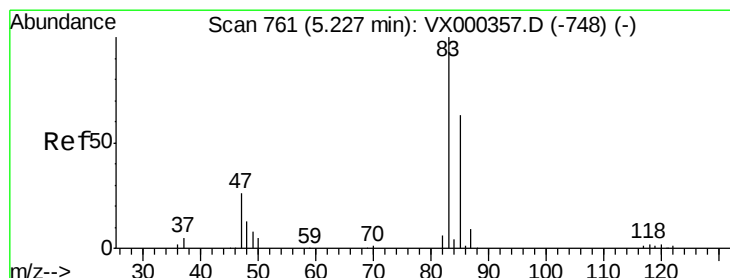
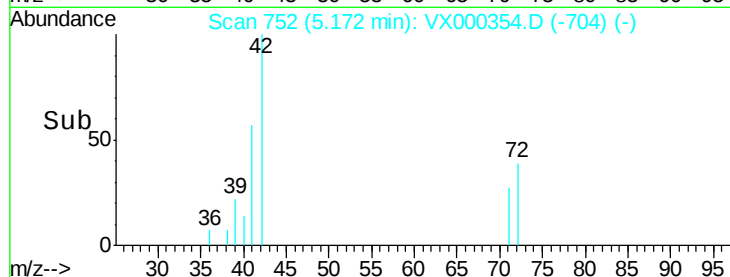
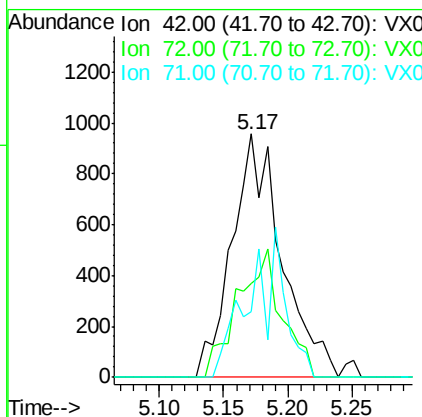
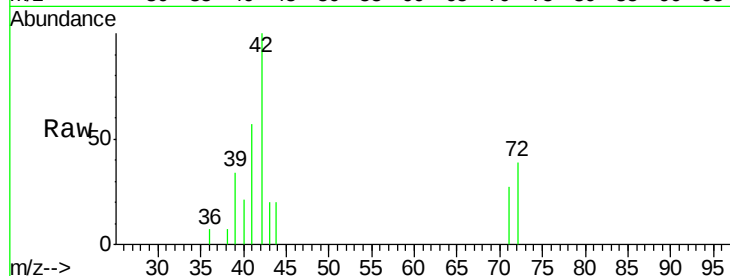




#29
Tetrahydrofuran
Concen: 3.73 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

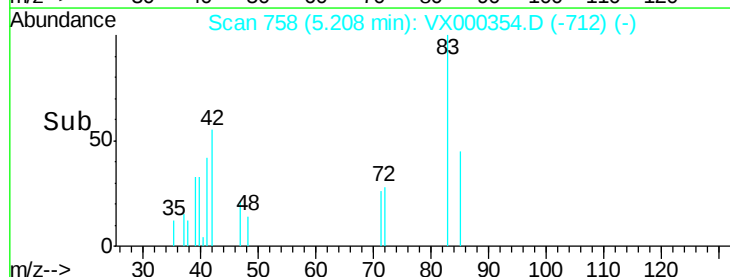
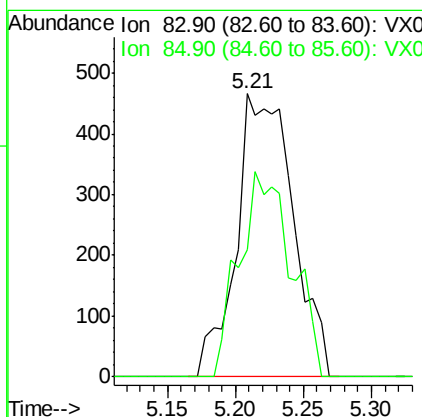
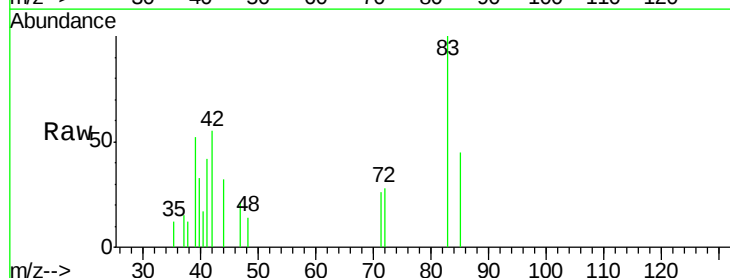
Instrument :
MSVOA_X
ClientSampled :
BFB

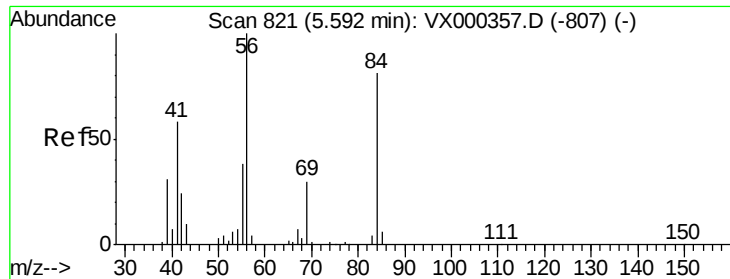
Tgt Ion: 42 Resp: 2565
Ion Ratio Lower Upper
42 100
72 46.7 37.9 56.9
71 24.7 34.4 51.6#



#30
Chloroform
Concen: 0.73 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.02 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 83 Resp: 1355
Ion Ratio Lower Upper
83 100
85 44.8 53.3 79.9#

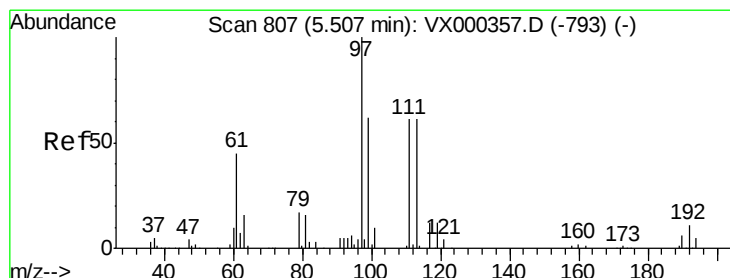
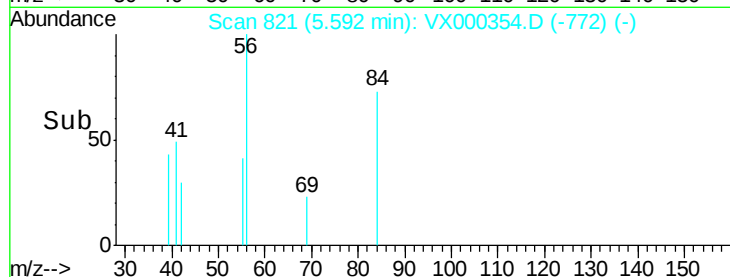
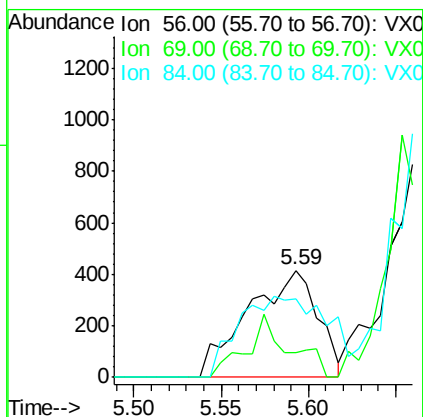
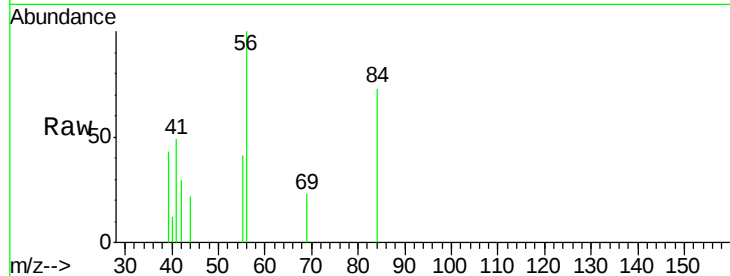




#31
Cyclohexane
Concen: 0.76 ug/l
RT: 5.59 min Scan# 821
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

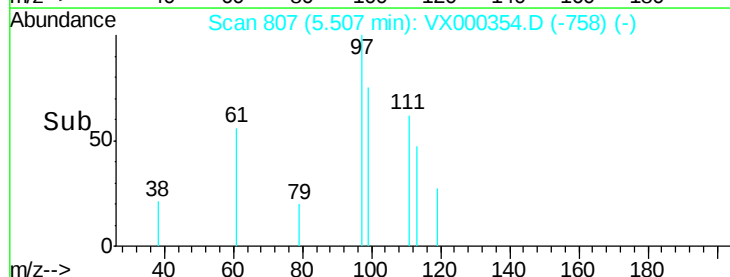
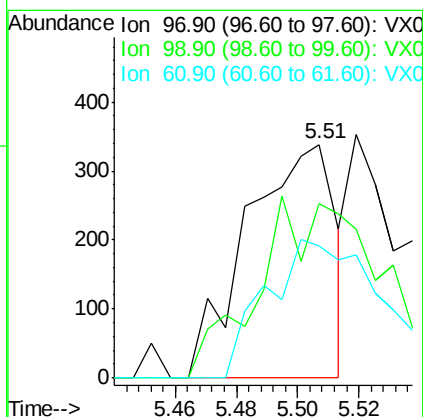
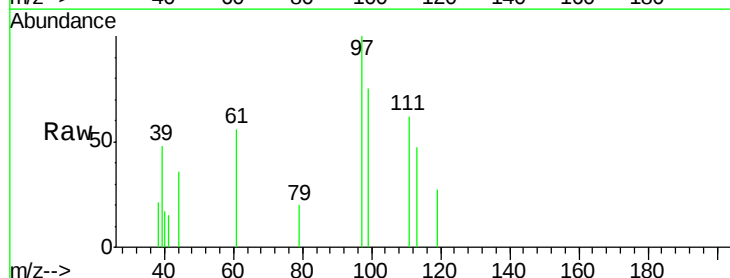
Instrument :
MSVOA_X
ClientSampled :
BFB

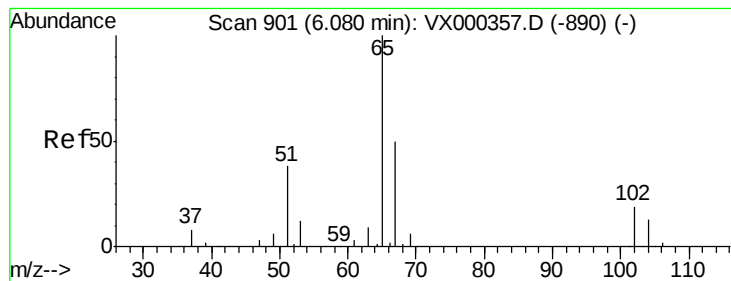
Tgt Ion: 56 Resp: 1154
Ion Ratio Lower Upper
56 100
69 22.9 23.4 35.0#
84 73.3 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 0.41 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 97 Resp: 677
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1#
61 74.2 36.2 54.4#





#33

1,2-Dichloroethane-d4

Concen: 0.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

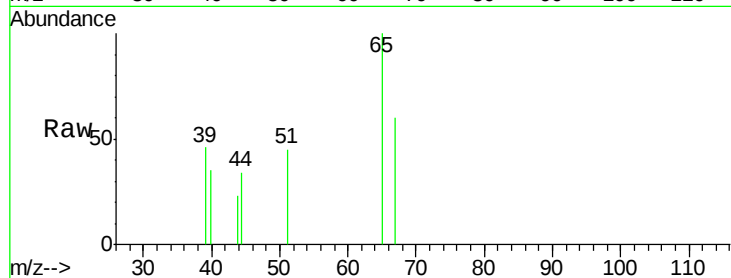
BFB

Tgt Ion: 65 Resp: 703

Ion Ratio Lower Upper

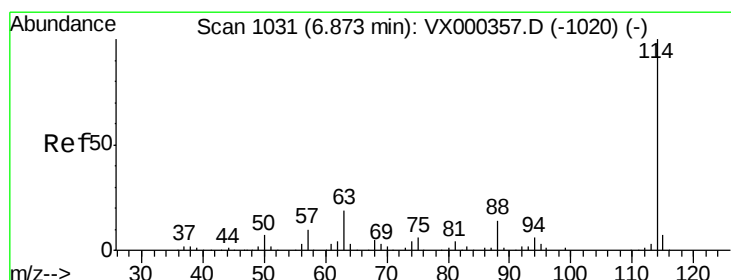
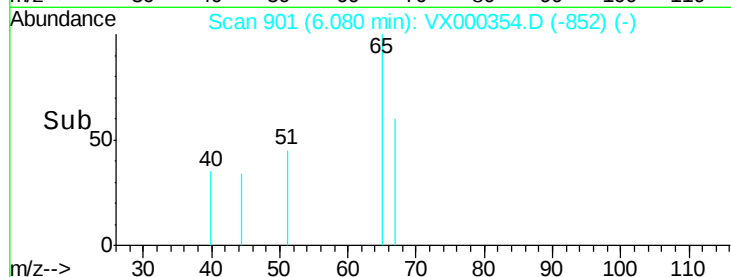
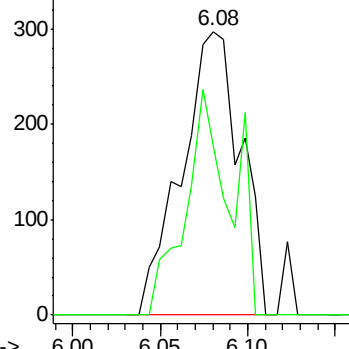
65 100

67 61.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

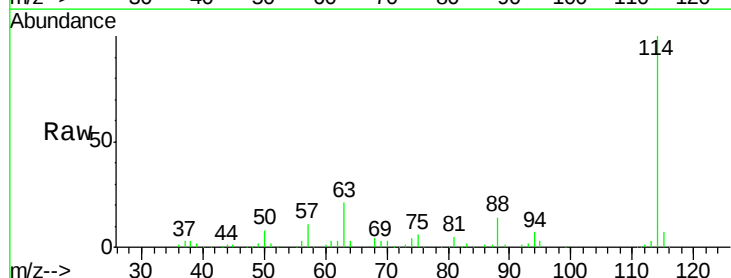
Tgt Ion: 114 Resp: 152756

Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

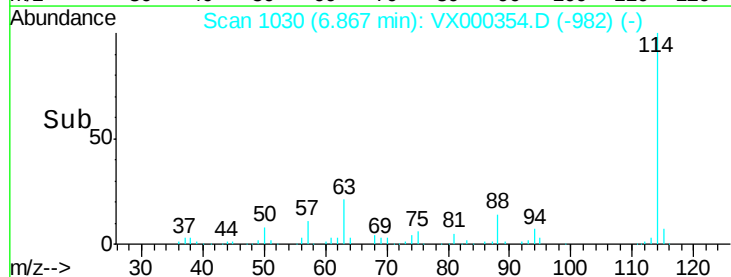
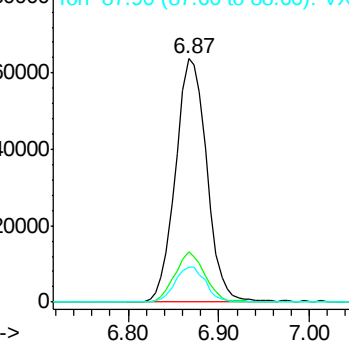
88 14.4 0.0 27.0

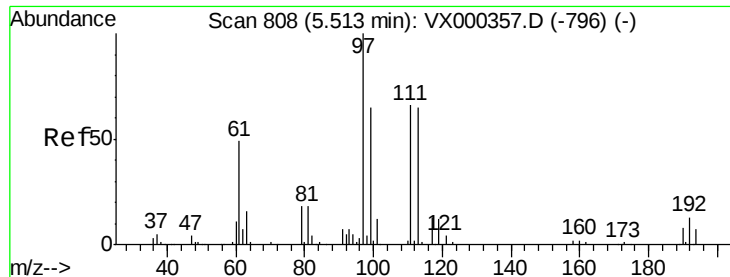


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 0.38 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

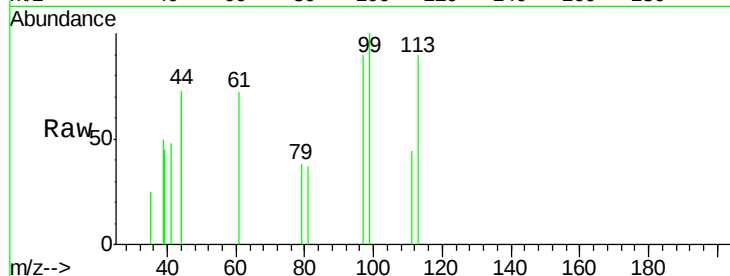
Tgt Ion:113 Resp: 368

Ion Ratio Lower Upper

113 100

111 70.4 82.4 123.6#

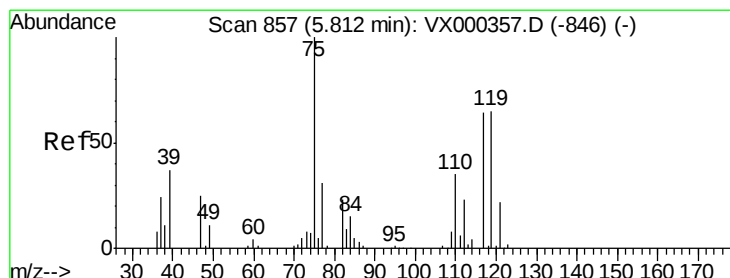
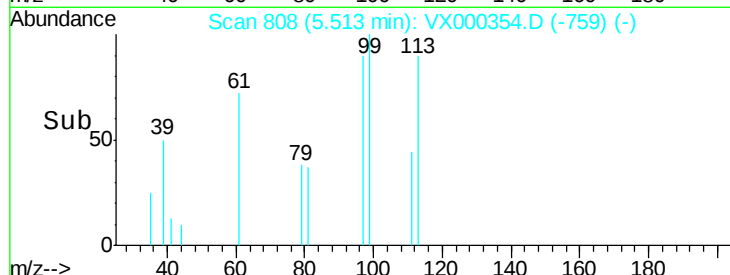
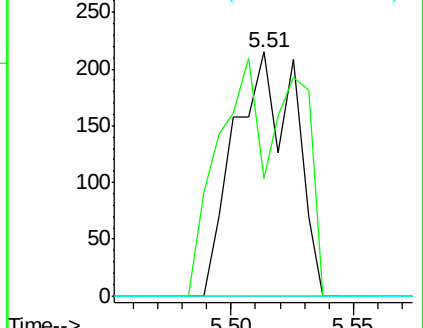
192 0.0 15.8 23.6#



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: 0.67 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

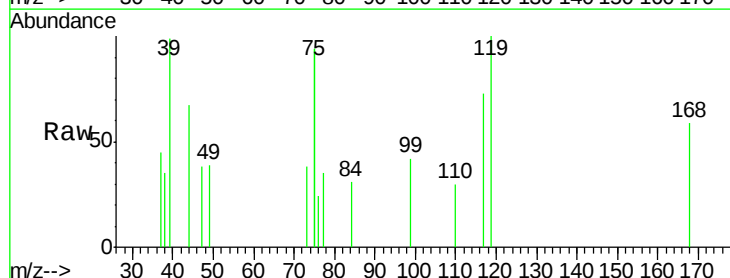
Tgt Ion: 75 Resp: 933

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

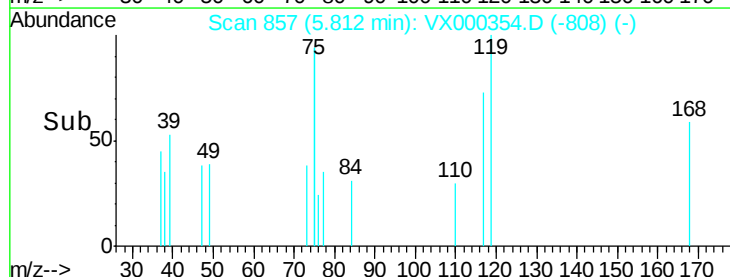
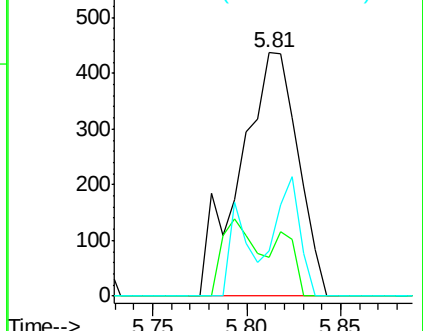
77 21.0 24.0 36.0#

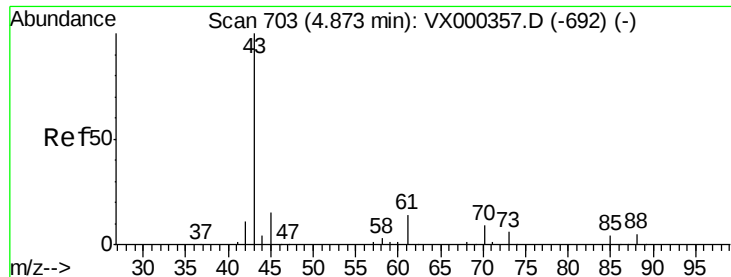


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

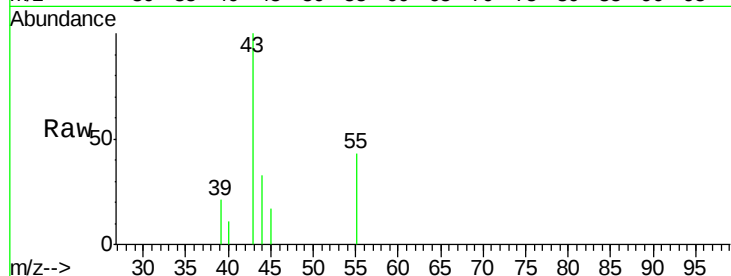




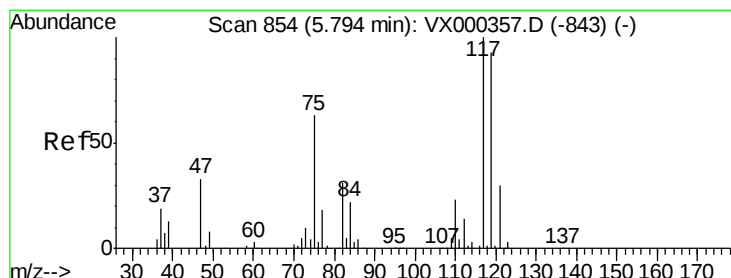
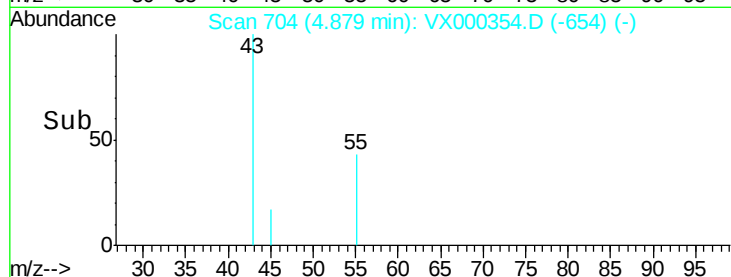
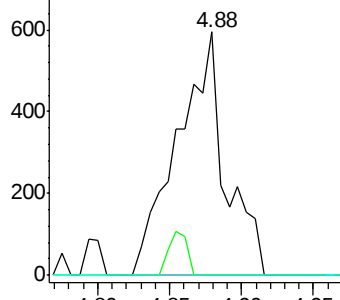
#37
Ethyl Acetate
Concen: 0.75 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Instrument :
MSVOA_X
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1382
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 7.7 11.5#

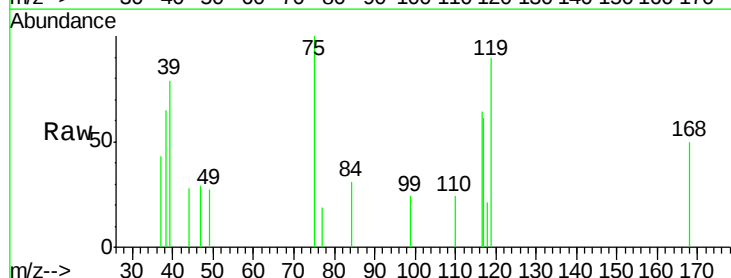


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

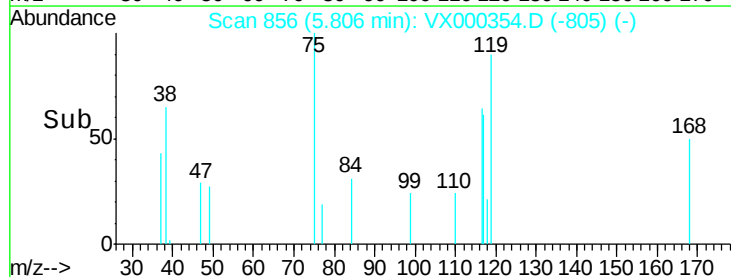
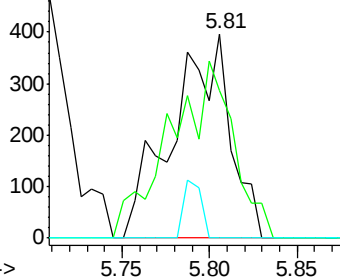


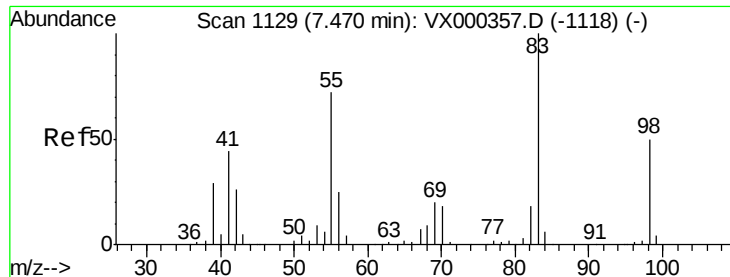
#38
Carbon Tetrachloride
Concen: 0.65 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 117 Resp: 912
Ion Ratio Lower Upper
117 100
119 72.3 77.4 116.2#
121 0.0 24.8 37.2#



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





#39

Methylcyclohexane

Concen: 0.78 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

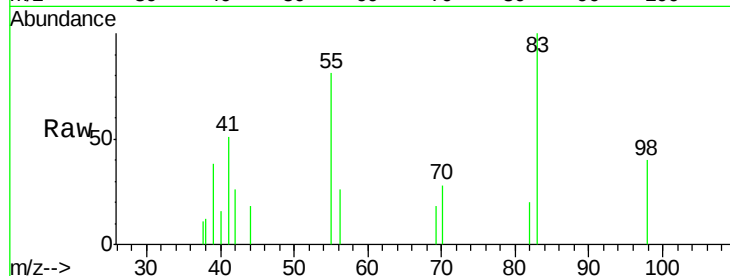
Tgt Ion: 83 Resp: 1262

Ion Ratio Lower Upper

83 100

55 81.1 55.5 83.3

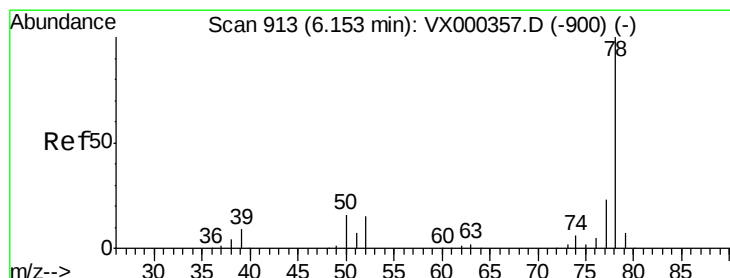
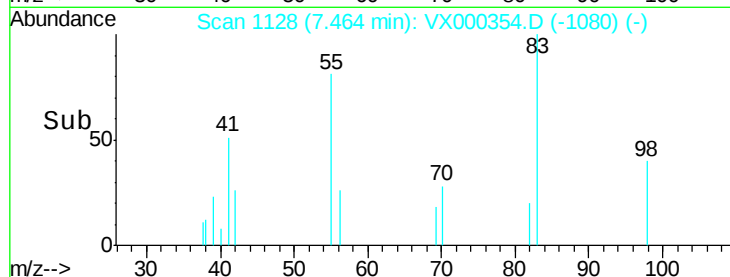
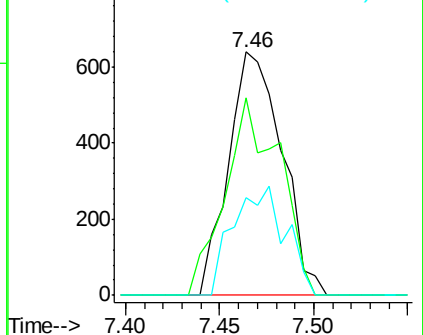
98 40.0 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.72 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000354.D

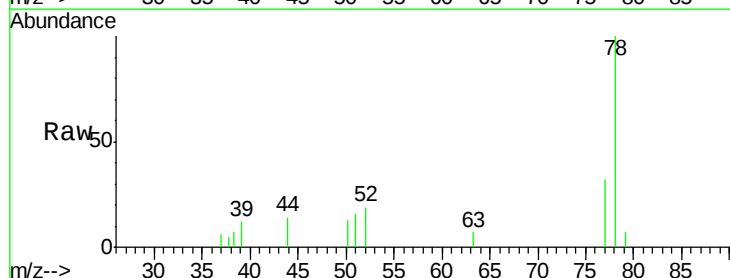
Acq: 20 Mar 2018 10:12

Tgt Ion: 78 Resp: 2834

Ion Ratio Lower Upper

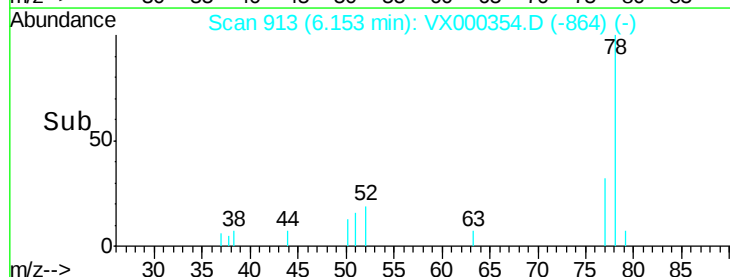
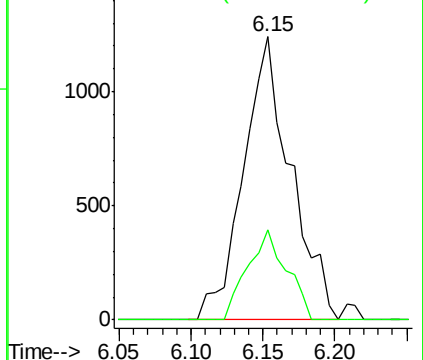
78 100

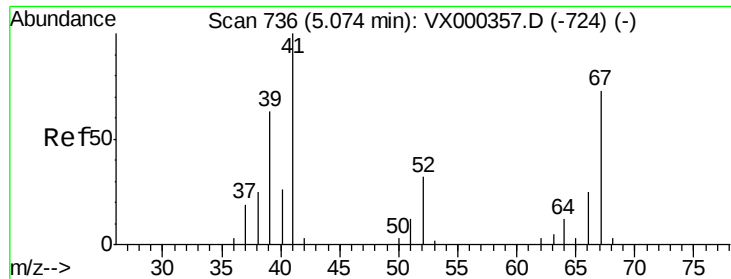
77 31.8 18.7 28.1#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 0.95 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

Tgt Ion: 41 Resp: 917

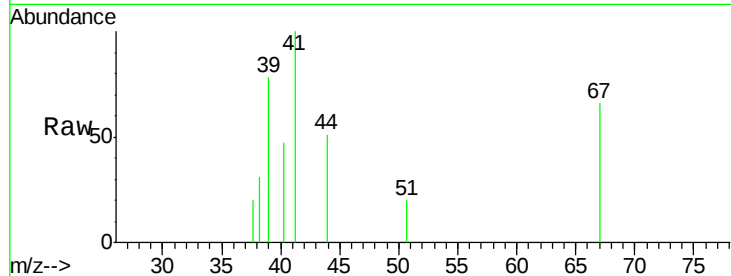
Ion Ratio Lower Upper

41 100

39 33.4 45.7 68.5#

67 48.0 57.8 86.8#

52 11.9 26.7 40.1#

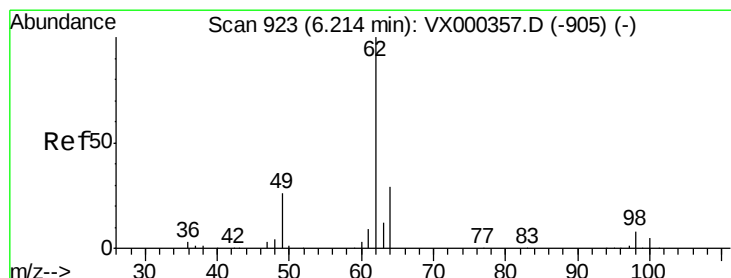
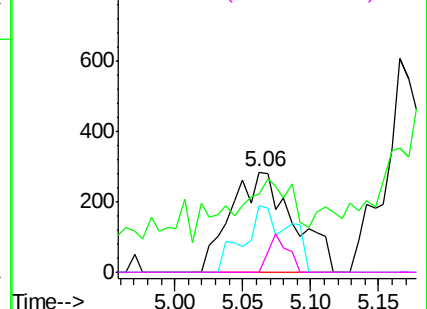
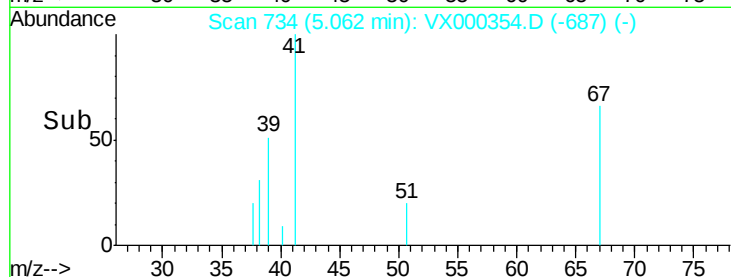


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.84 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX000354.D

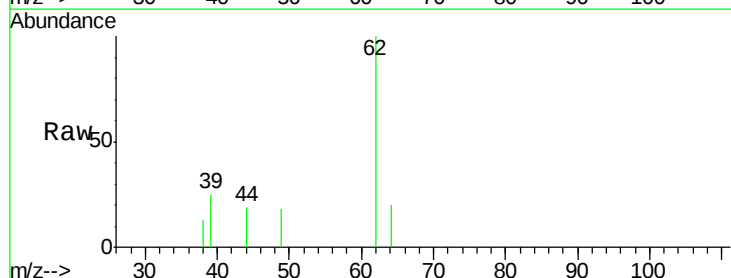
Acq: 20 Mar 2018 10:12

Tgt Ion: 62 Resp: 1310

Ion Ratio Lower Upper

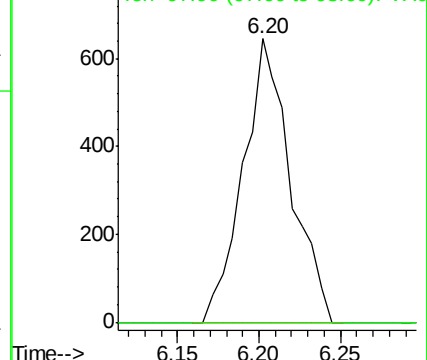
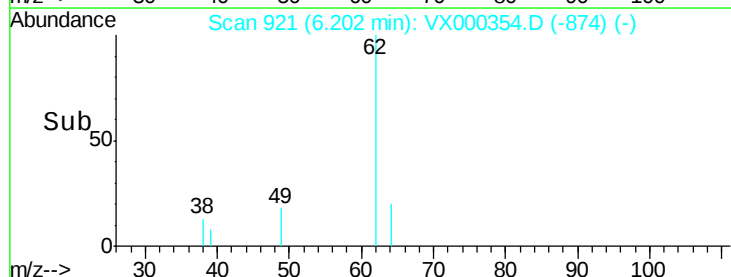
62 100

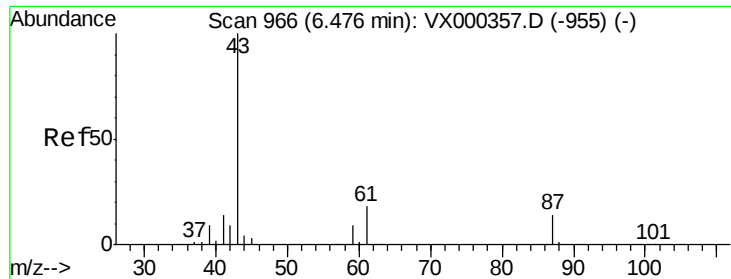
98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

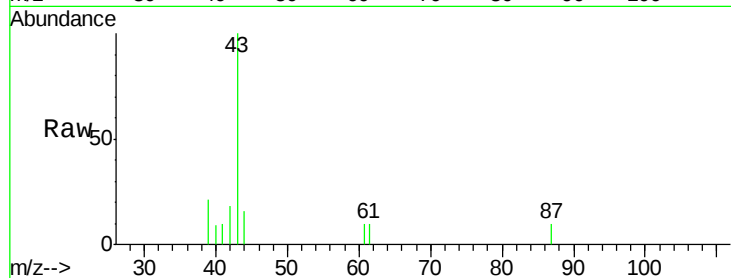
Tgt Ion: 43 Resp: 1932

Ion Ratio Lower Upper

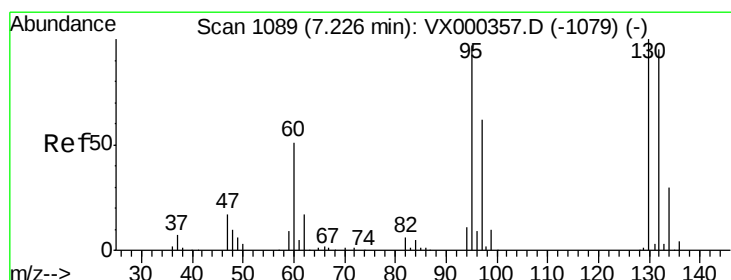
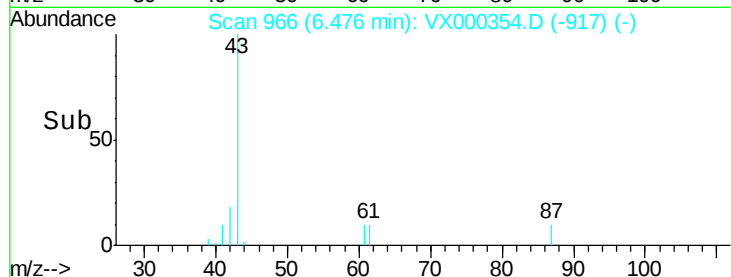
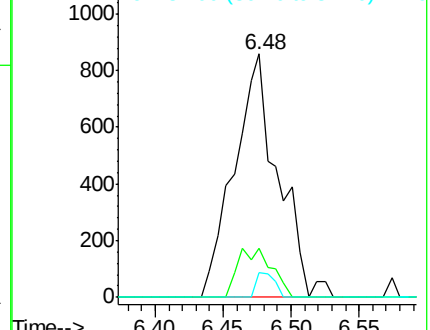
43 100

61 15.6 14.4 21.6

87 4.3 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.80 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX000354.D

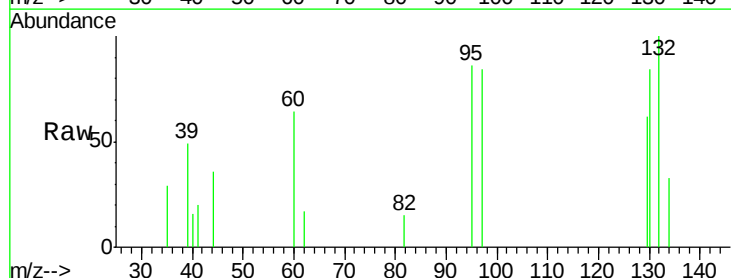
Acq: 20 Mar 2018 10:12

Tgt Ion: 130 Resp: 917

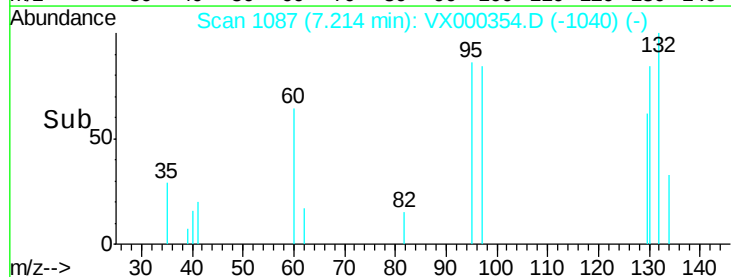
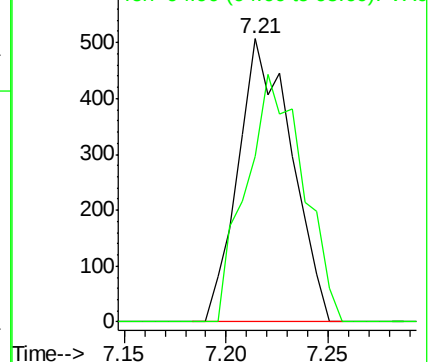
Ion Ratio Lower Upper

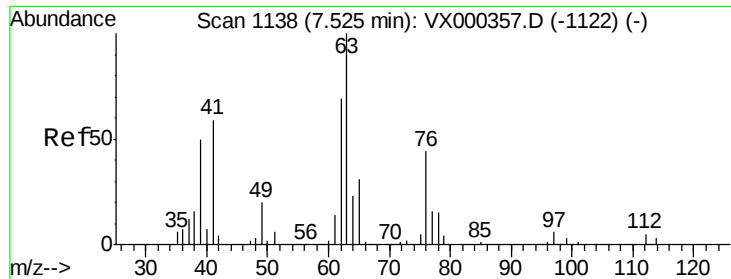
130 100

95 58.4 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

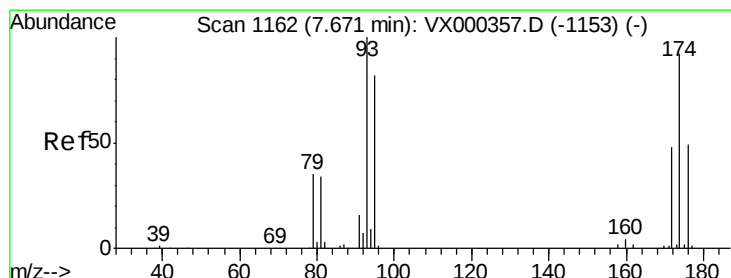
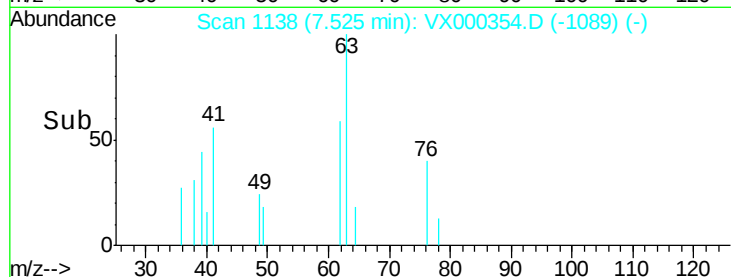
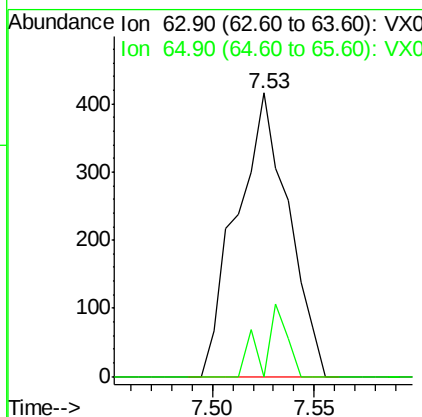
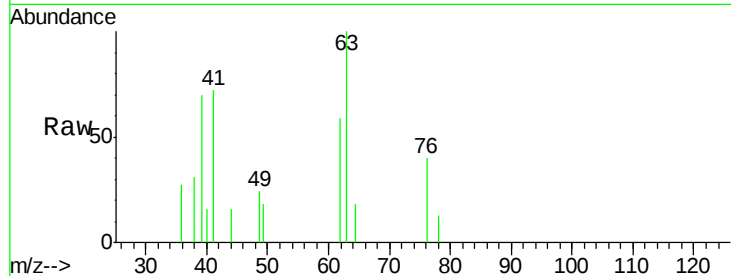




#45
 1,2-Dichloropropane
 Concen: 0.76 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

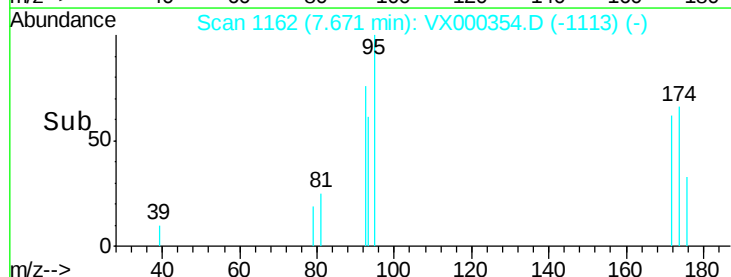
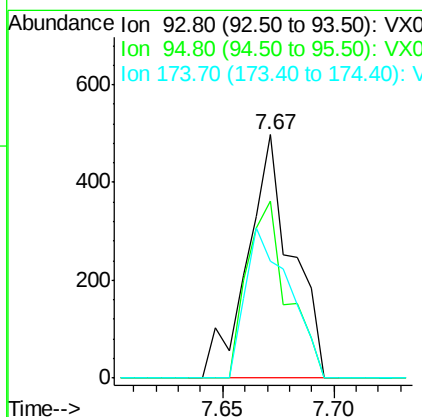
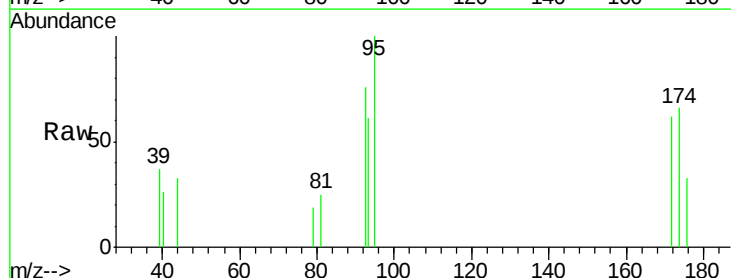
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

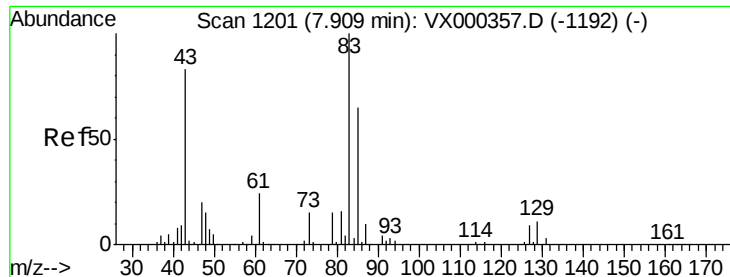
Tgt Ion: 63 Resp: 736
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#46
 Dibromomethane
 Concen: 0.88 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 93 Resp: 687
 Ion Ratio Lower Upper
 93 100
 95 66.7 66.5 99.7
 174 62.0 76.0 114.0#





#47

Bromodichloromethane

Concen: 0.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

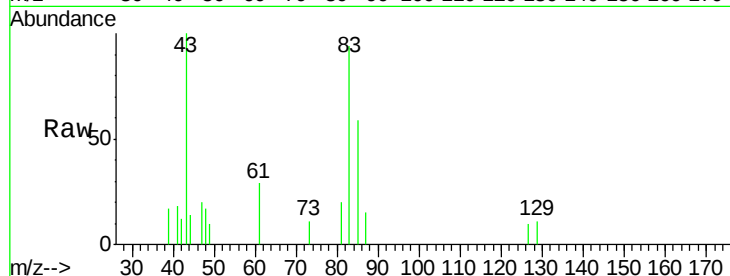
Tgt Ion: 83 Resp: 827

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

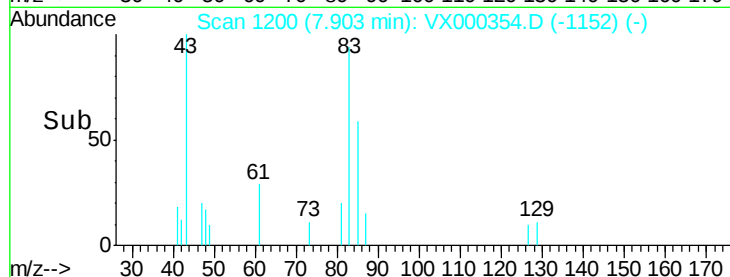
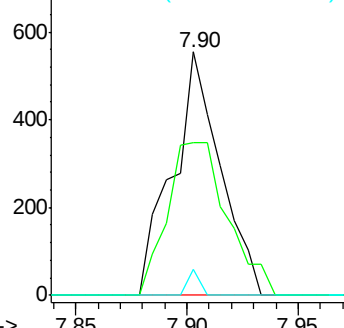
127 10.5 7.0 10.6



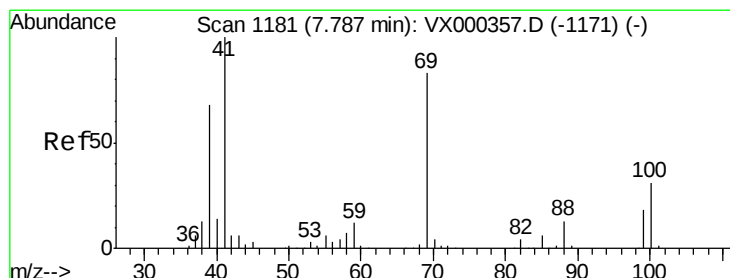
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 0.70 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

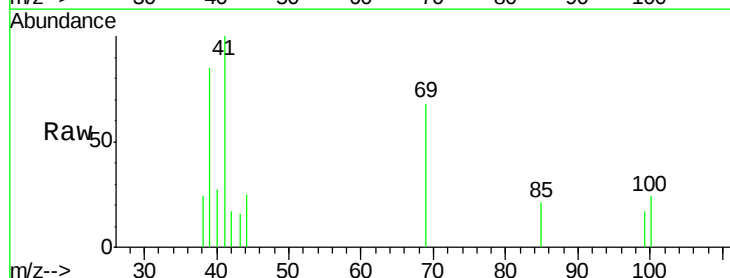
Tgt Ion: 41 Resp: 948

Ion Ratio Lower Upper

41 100

69 66.4 68.2 102.4#

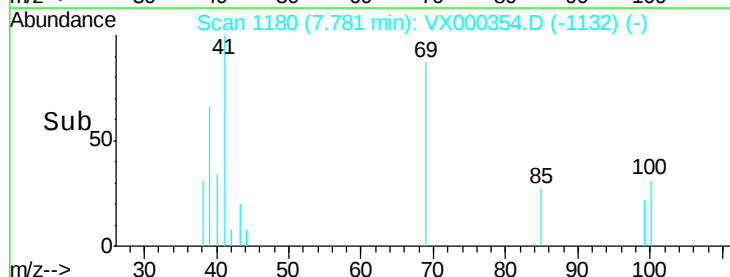
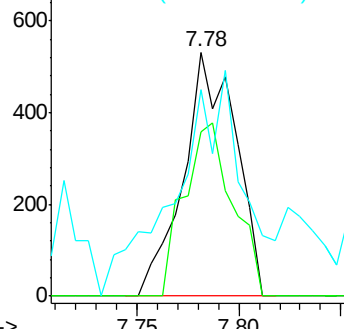
39 119.1 54.6 81.8#



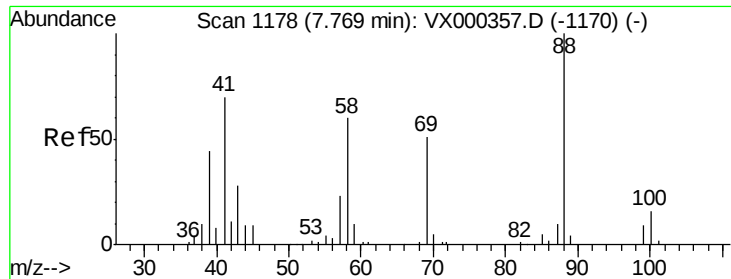
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



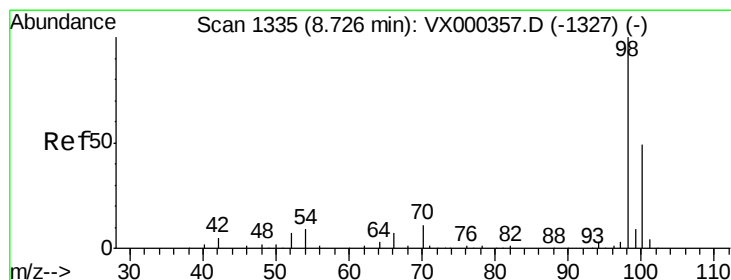
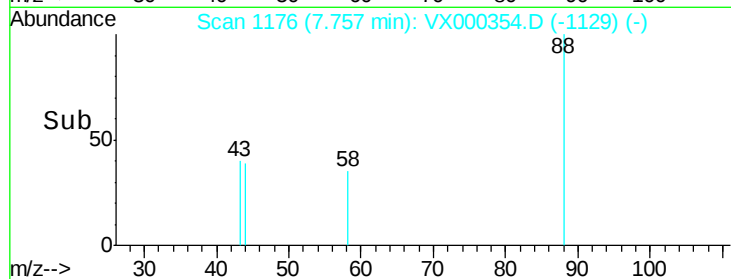
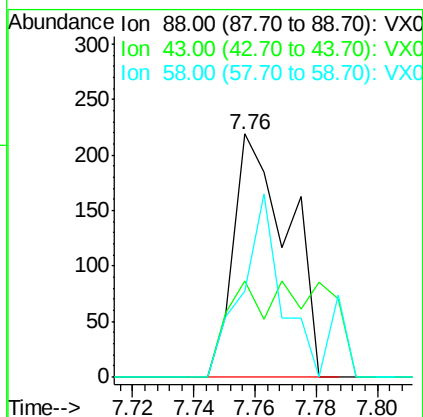
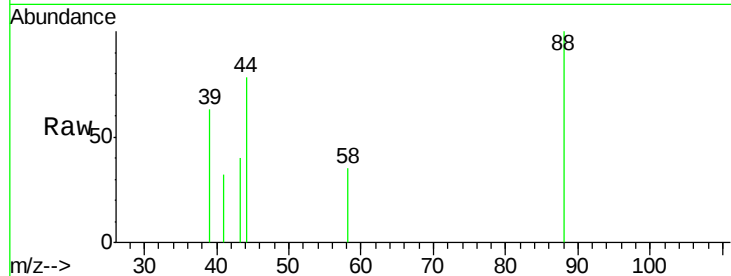
Time-->



#49
 1,4-Dioxane
 Concen: 8.91 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

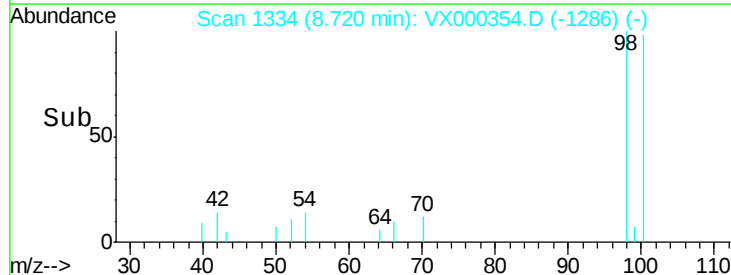
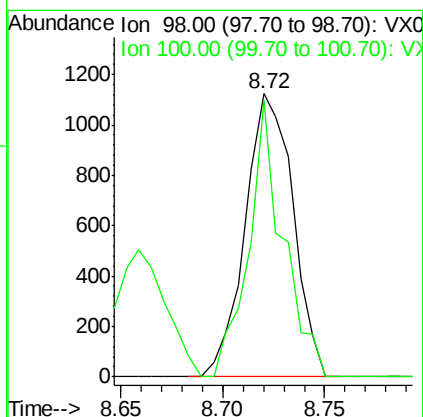
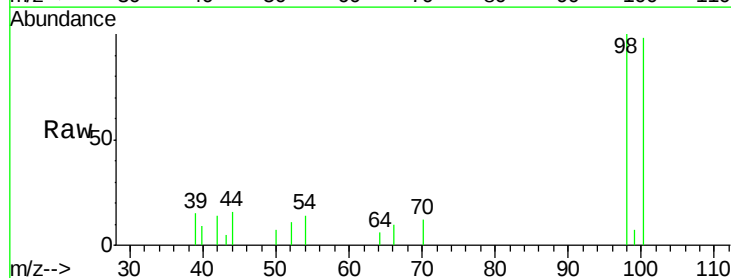
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

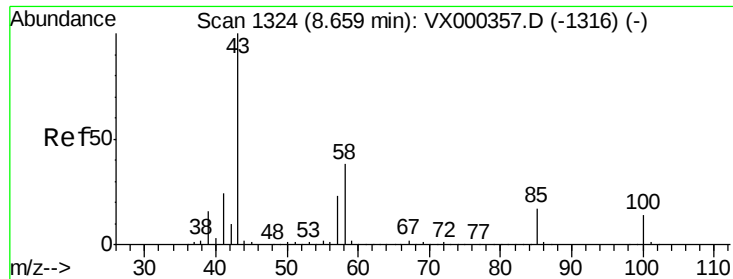
Tgt Ion: 88 Resp: 270
 Ion Ratio Lower Upper
 88 100
 43 26.7 26.8 40.2#
 58 54.4 52.2 78.2



#50
 Toluene-d8
 Concen: 0.45 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 98 Resp: 1828
 Ion Ratio Lower Upper
 98 100
 100 70.5 51.2 76.8

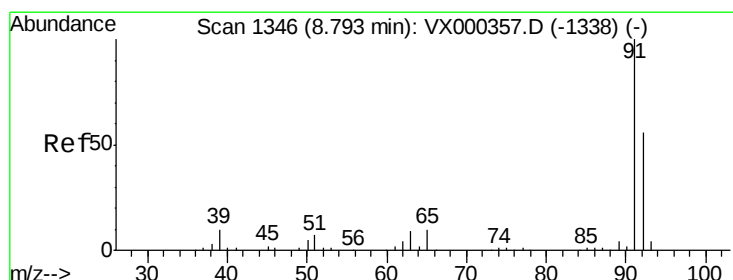
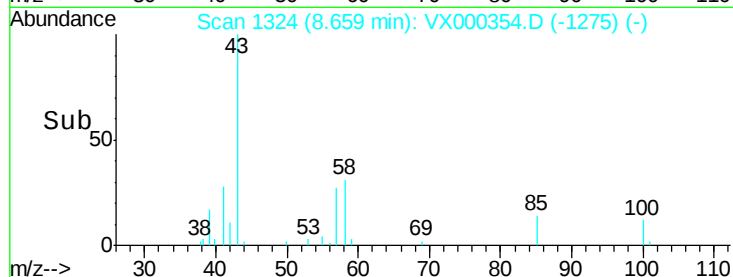
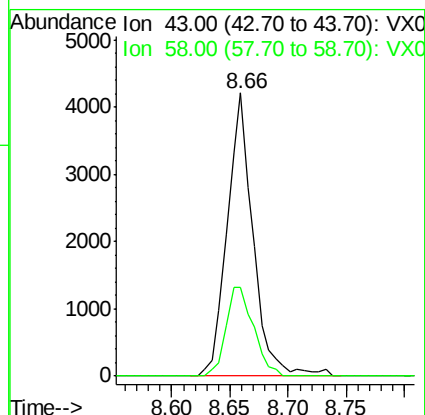
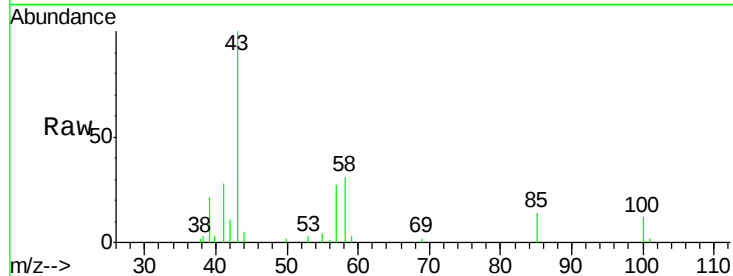




#51
4-Methyl-2-Pentanone
Concen: 3.14 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

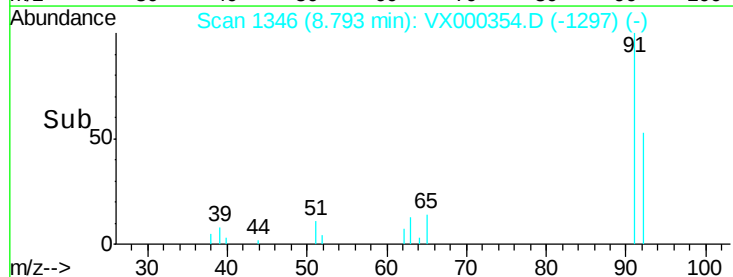
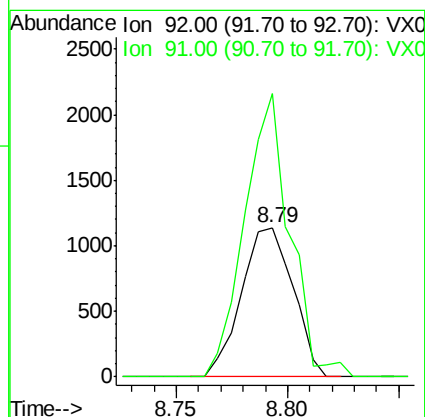
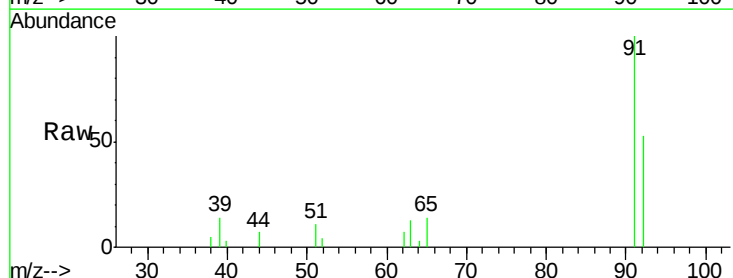
Instrument :
MSVOA_X
ClientSampleId :
BFB

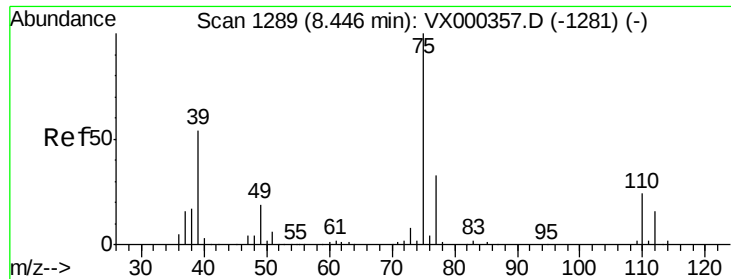
Tgt Ion: 43 Resp: 6484
Ion Ratio Lower Upper
43 100
58 33.3 30.3 45.5



#52
Toluene
Concen: 0.67 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 92 Resp: 1845
Ion Ratio Lower Upper
92 100
91 165.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 0.57 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

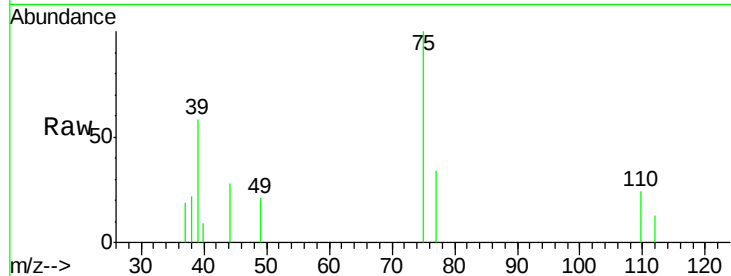
BFB

Tgt Ion: 75 Resp: 904

Ion Ratio Lower Upper

75 100

77 34.5 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

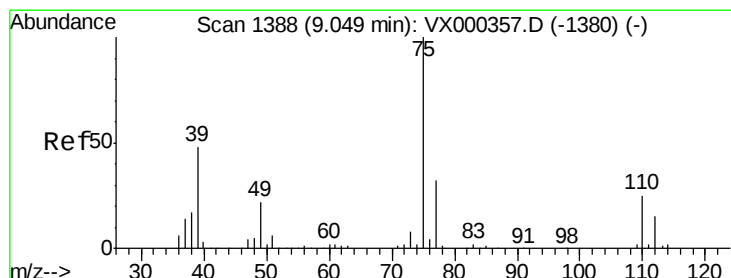
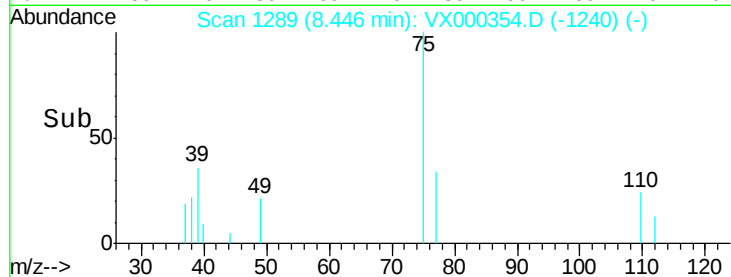
600

400

200

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 0.58 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

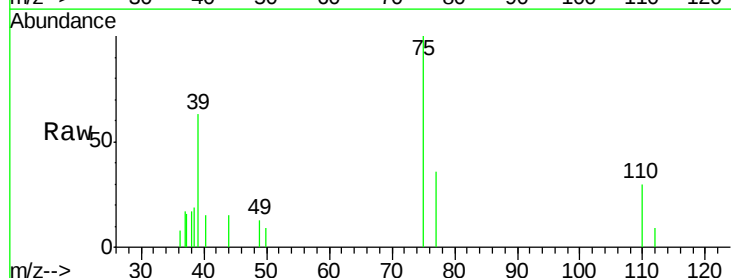
Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

75 100

77 35.5 26.1 39.1

39 49.7 39.8 59.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

800

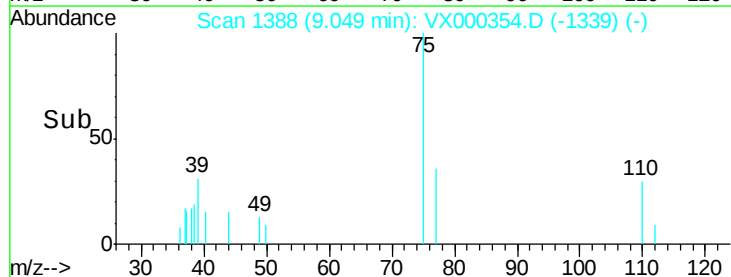
600

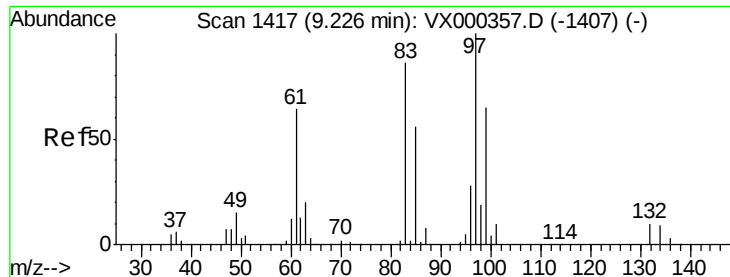
400

200

0

Time-->

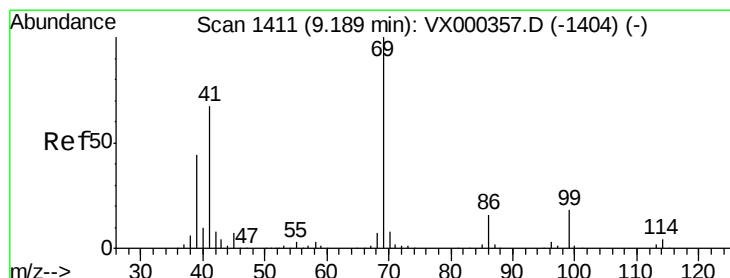
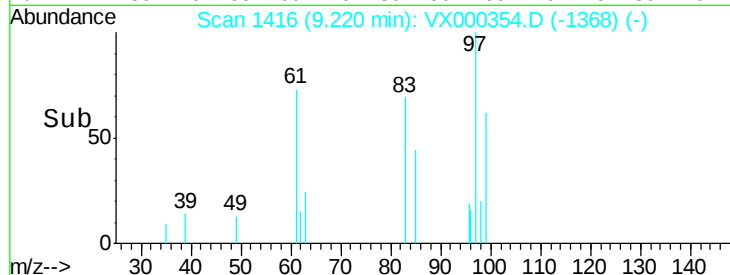
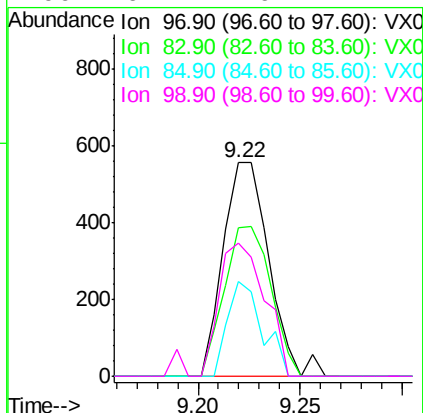
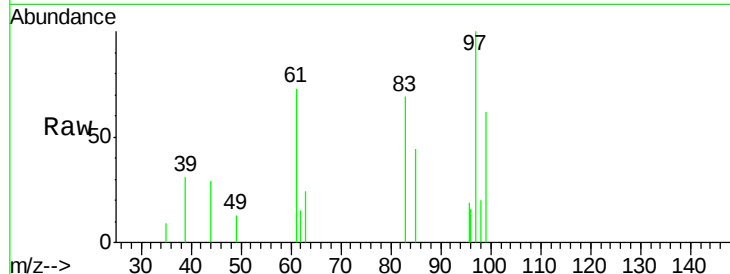




#55
 1,1,2-Trichloroethane
 Concen: 0.78 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

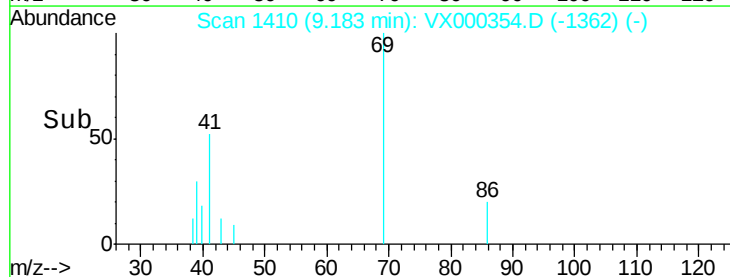
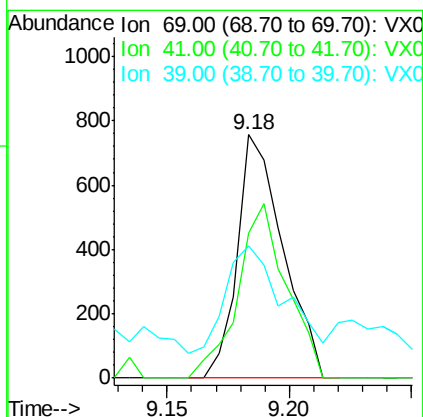
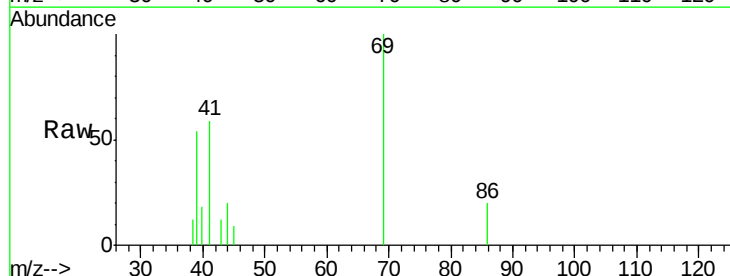
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

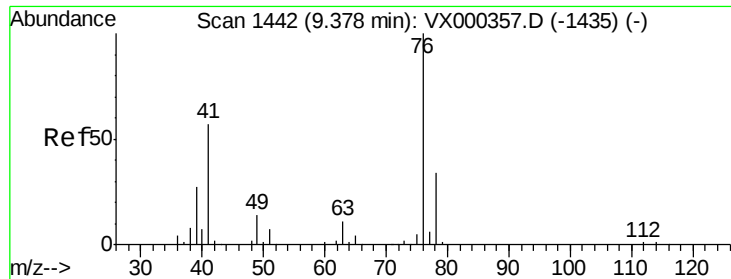
Tgt Ion:	97	Resp:	867
Ion	Ratio	Lower	Upper
97	100		
83	69.4	67.9	101.9
85	44.2	42.8	64.2
99	62.4	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 0.60 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion:	69	Resp:	978
Ion	Ratio	Lower	Upper
69	100		
41	76.8	53.0	79.6
39	57.4	35.3	52.9

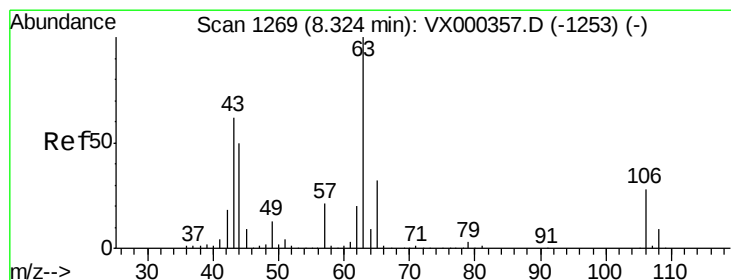
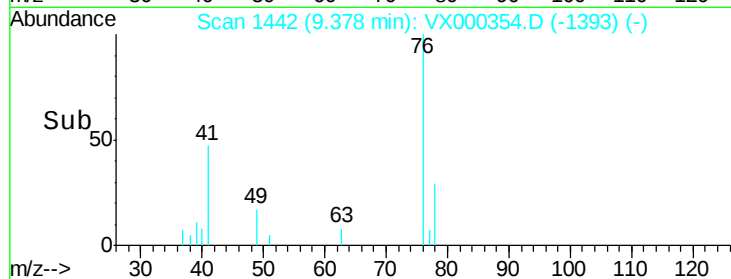
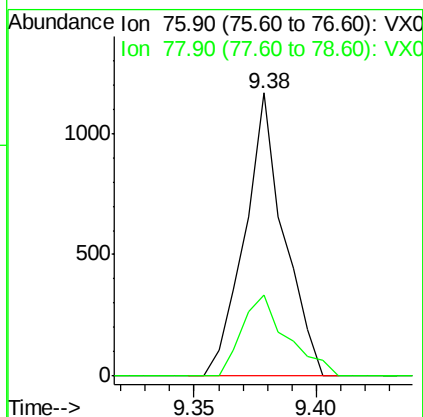
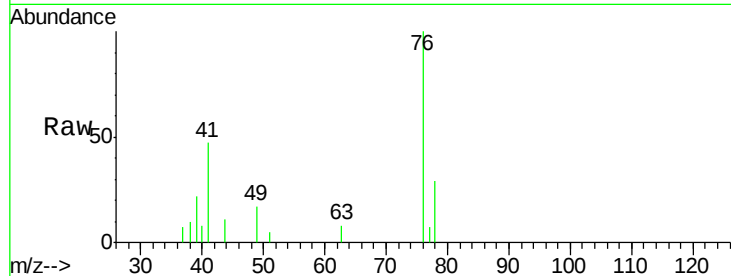




#57
 1,3-Dichloropropane
 Concen: 0.73 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

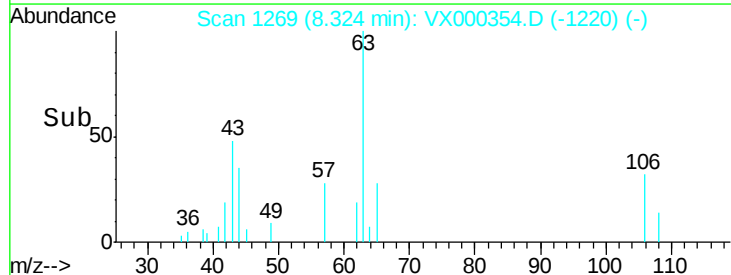
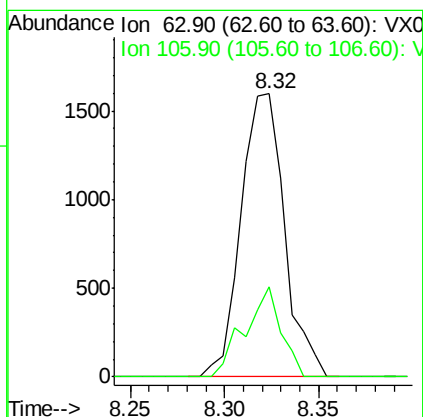
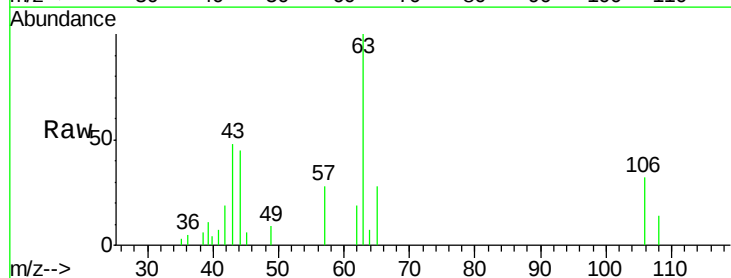
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

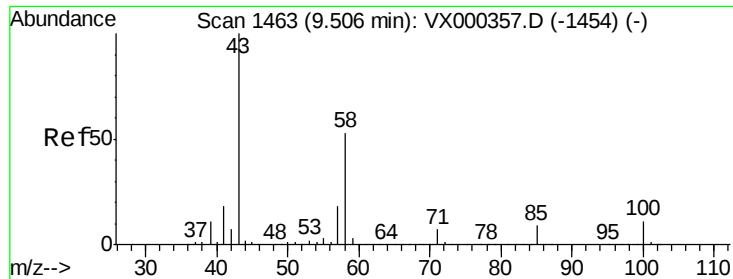
Tgt Ion: 76 Resp: 1310
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.39 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 63 Resp: 2560
 Ion Ratio Lower Upper
 63 100
 106 26.5 23.2 34.8

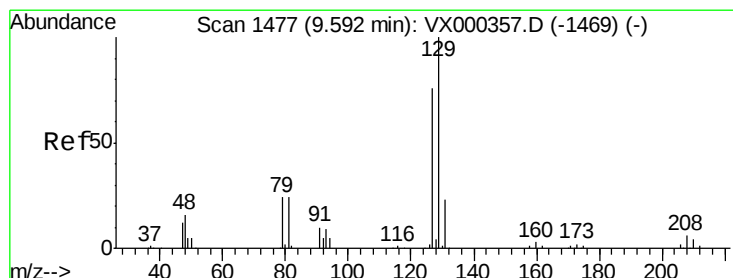
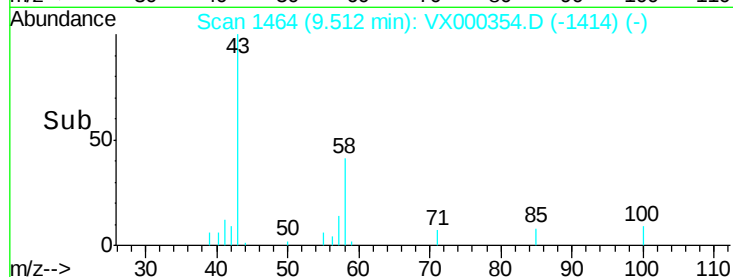
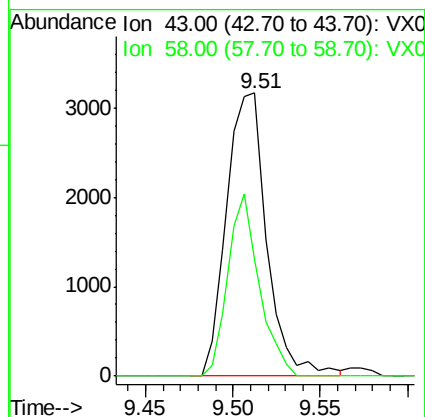
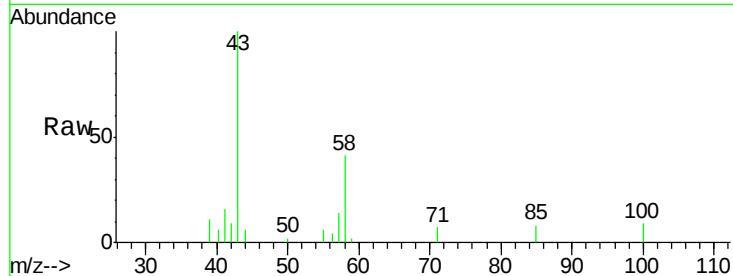




#59
2-Hexanone
Concen: 2.91 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

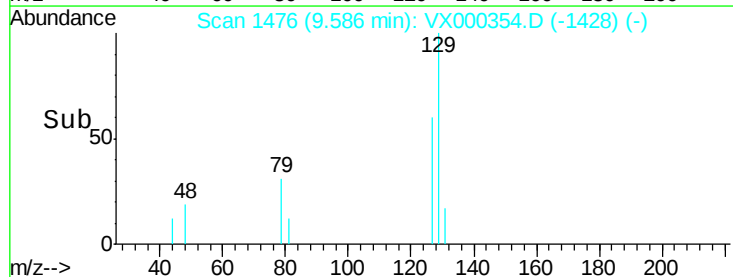
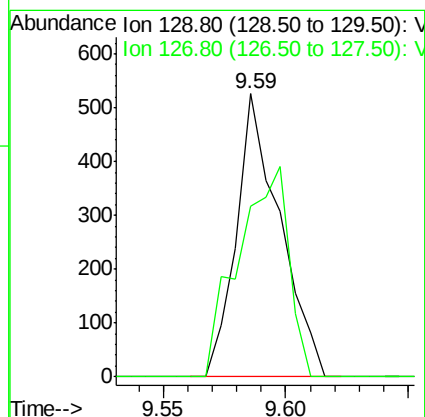
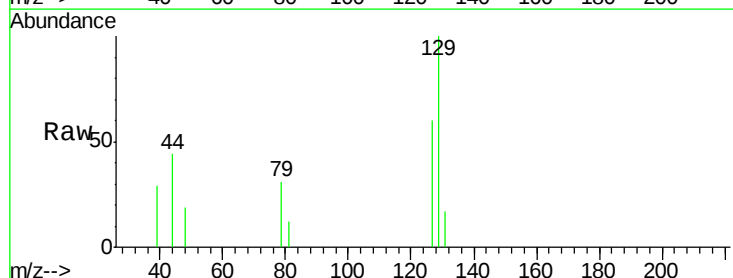
Instrument :
MSVOA_X
ClientSampled :
BFB

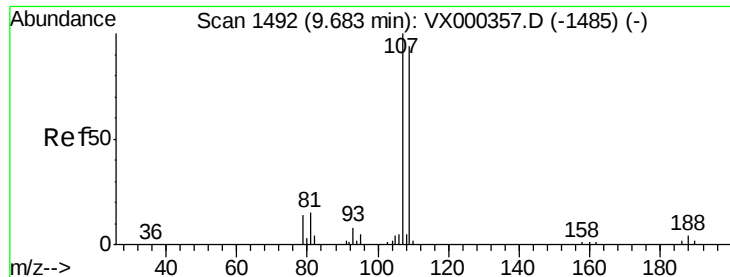
Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
58 50.1 26.6 79.7



#60
Dibromochloromethane
Concen: 0.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 129 Resp: 648
Ion Ratio Lower Upper
129 100
127 86.3 37.9 113.6





#61

1,2-Dibromoethane

Concen: 0.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

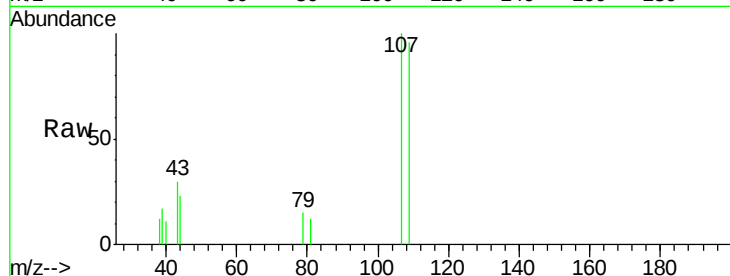
BFB

Tgt Ion: 107 Resp: 726

Ion Ratio Lower Upper

107 100

109 109.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

800

600

400

200

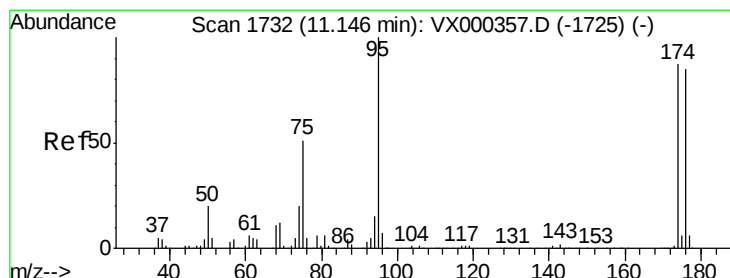
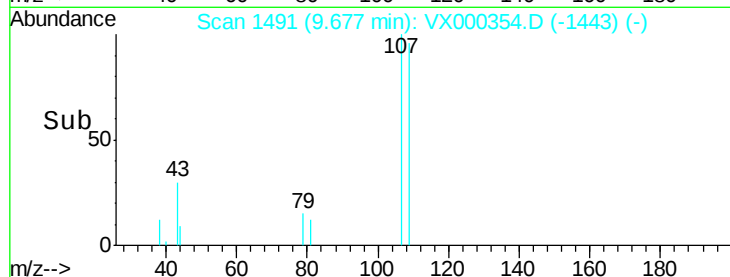
0

9.65

9.68

9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 0.42 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

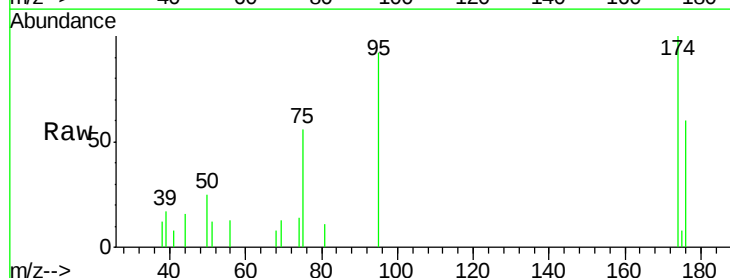
Tgt Ion: 95 Resp: 671

Ion Ratio Lower Upper

95 100

174 101.0 0.0 173.6

176 96.9 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

800

600

400

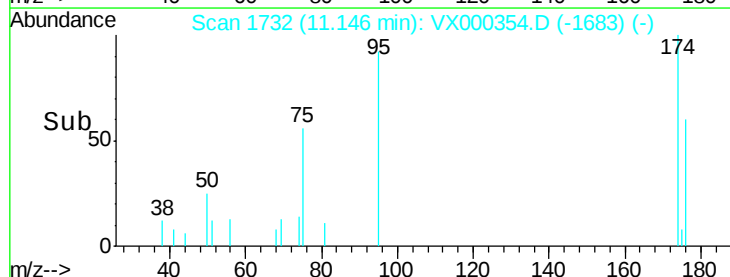
200

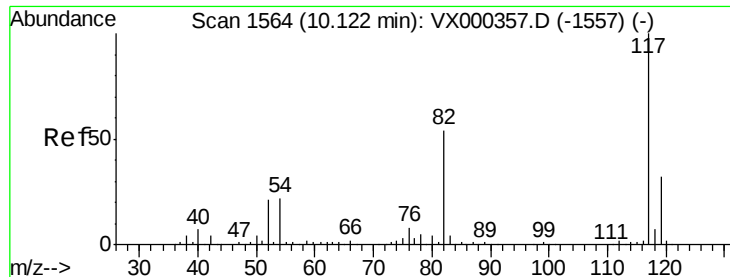
0

11.10

11.15

Time-->

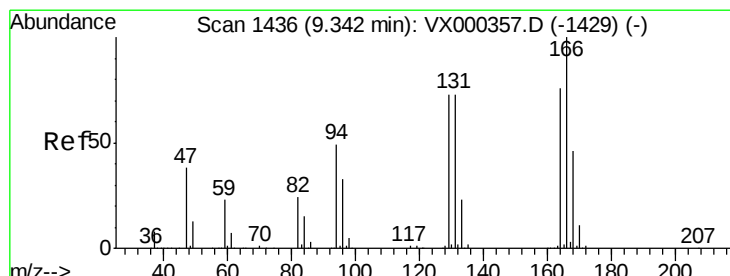
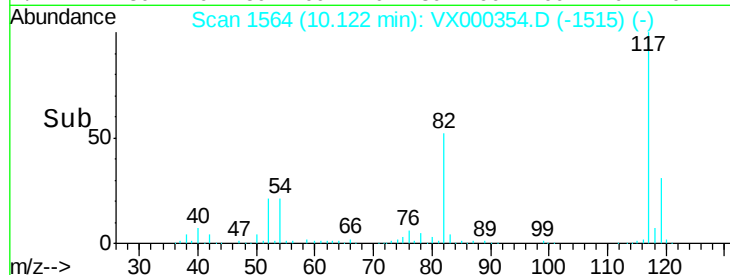
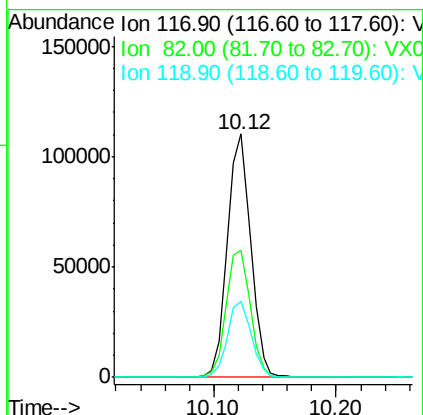
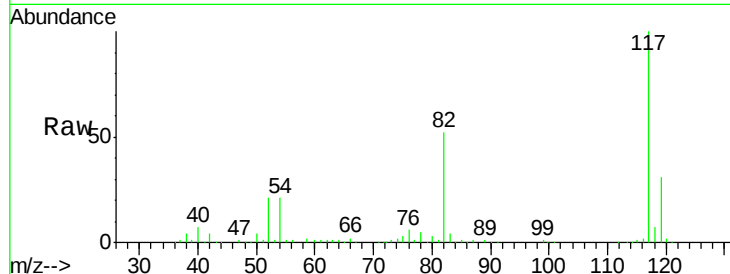




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

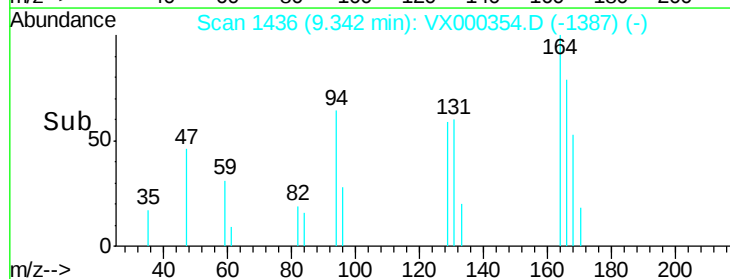
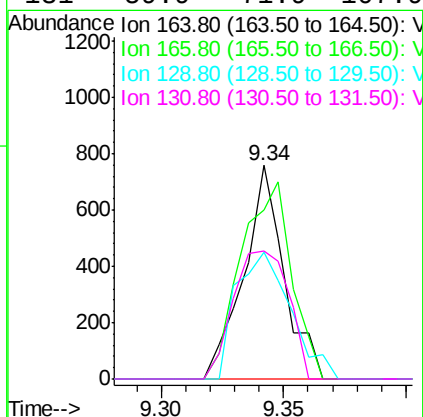
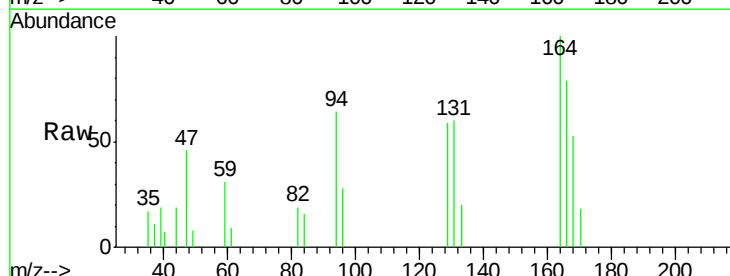
Instrument :
MSVOA_X
ClientSampled :
BFB

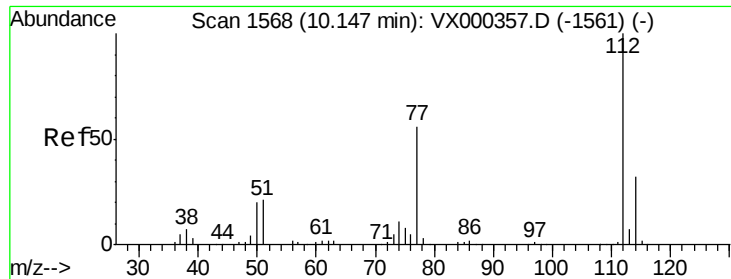
Tgt Ion:117 Resp: 145382
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.8
119 31.1 24.9 37.3



#64
Tetrachloroethene
Concen: 0.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion:164 Resp: 869
Ion Ratio Lower Upper
164 100
166 78.9 101.0 151.6#
129 59.3 79.0 118.4#
131 59.9 71.9 107.9#

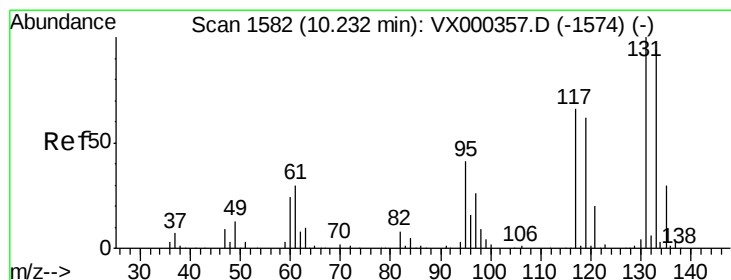
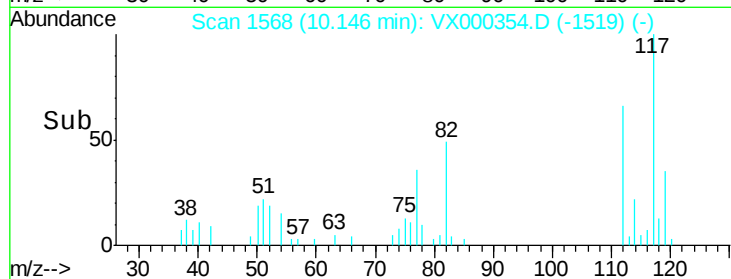
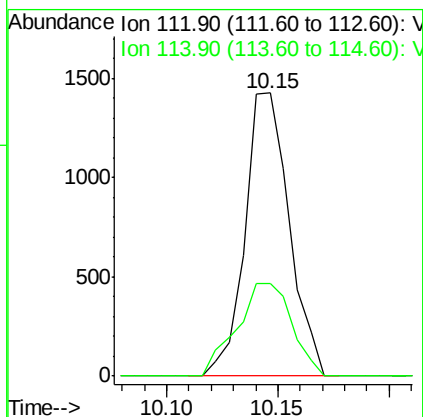
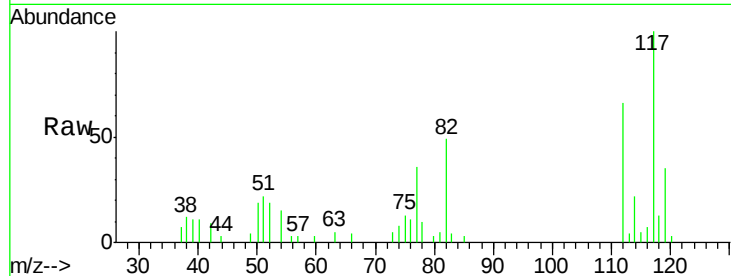




#65
Chlorobenzene
Concen: 0.67 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

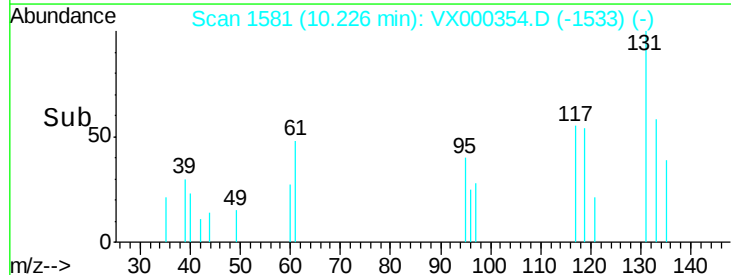
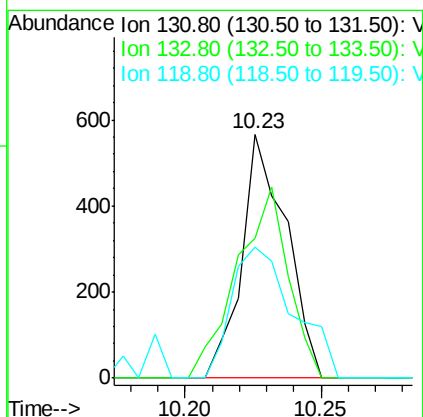
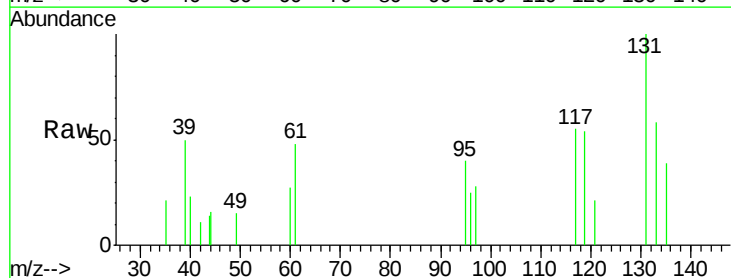
Instrument :
MSVOA_X
ClientSampleId :
BFB

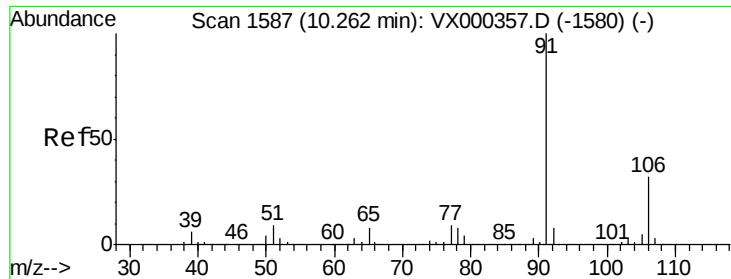
Tgt Ion:112 Resp: 1973
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.64 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion:131 Resp: 641
Ion Ratio Lower Upper
131 100
133 90.0 47.1 141.3
119 0.0 33.1 99.2#

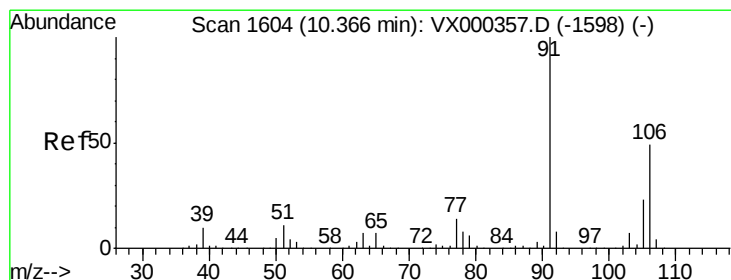
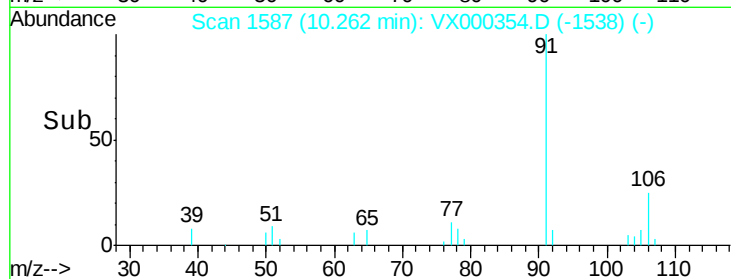
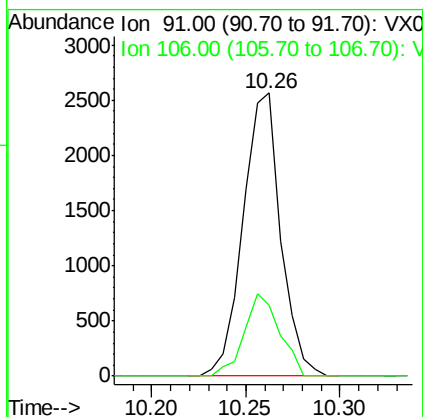
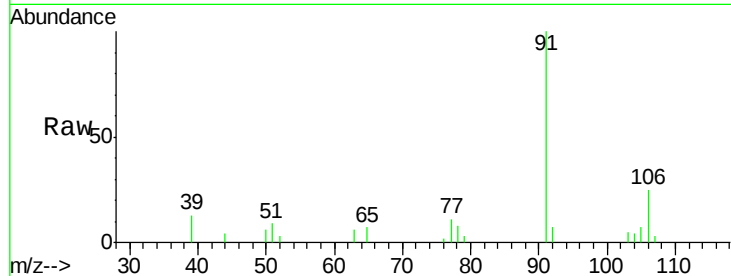




#67
Ethyl Benzene
Concen: 0.70 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

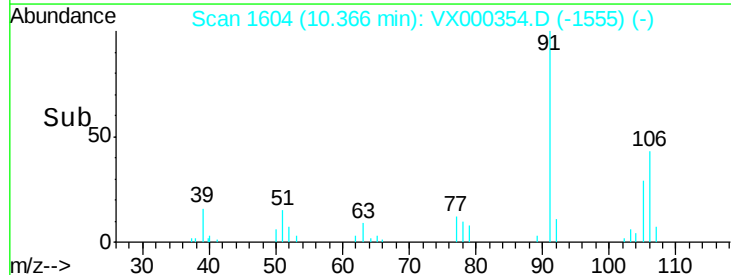
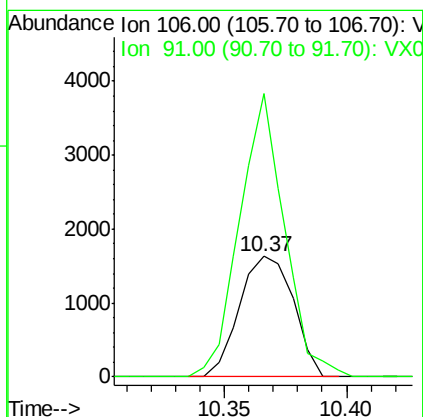
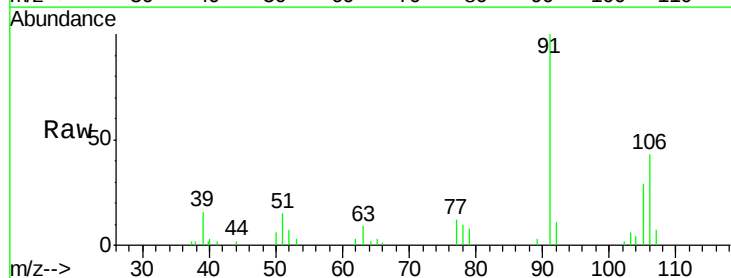
Instrument :
MSVOA_X
ClientSampleId :
BFB

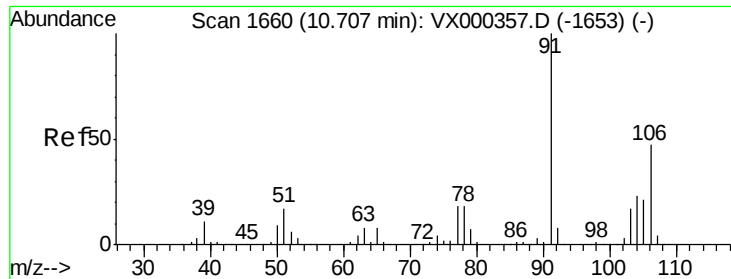
Tgt Ion: 91 Resp: 3549
Ion Ratio Lower Upper
91 100
106 25.0 25.0 37.6#



#68
m/p-Xylenes
Concen: 1.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion: 106 Resp: 2512
Ion Ratio Lower Upper
106 100
91 195.3 163.4 245.2

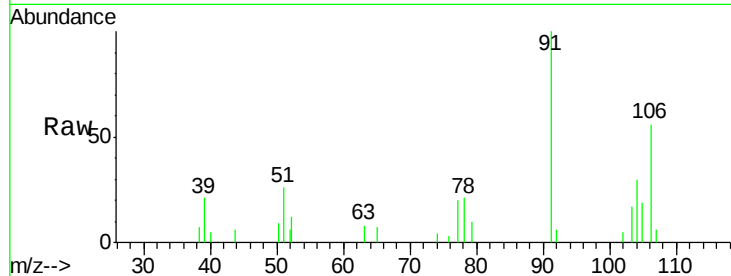




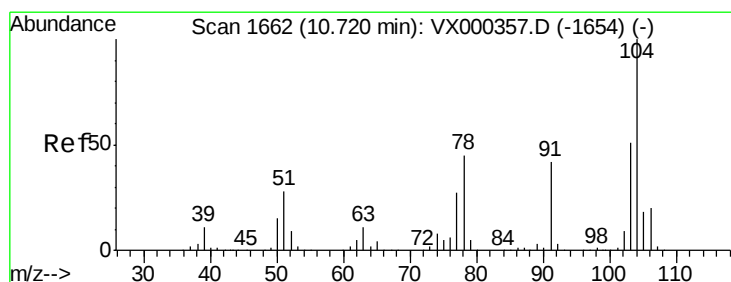
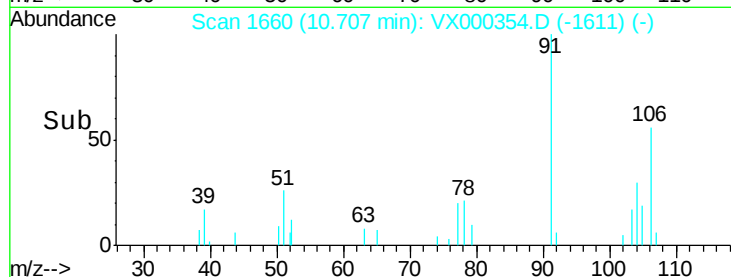
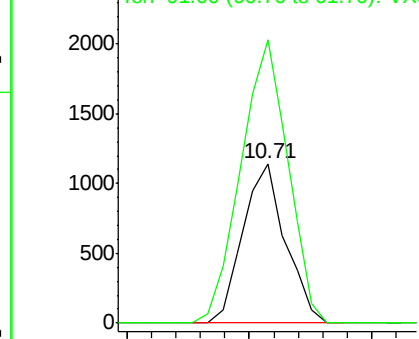
#69
o-Xylene
Concen: 0.73 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:106 Resp: 1389
Ion Ratio Lower Upper
106 100
91 195.5 106.5 319.6

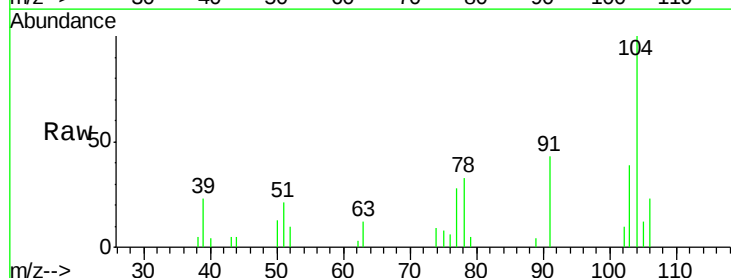


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

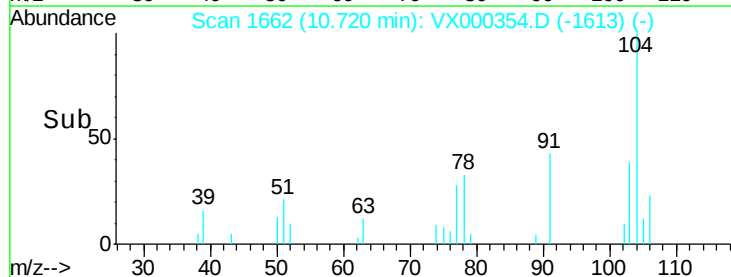
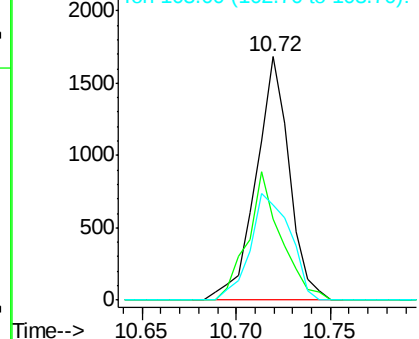


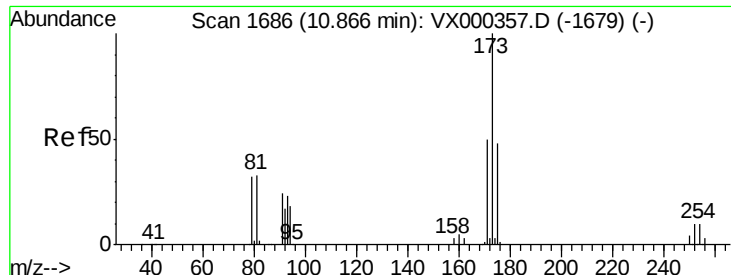
#70
Styrene
Concen: 0.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion:104 Resp: 2055
Ion Ratio Lower Upper
104 100
78 53.1 40.5 60.7
103 52.7 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

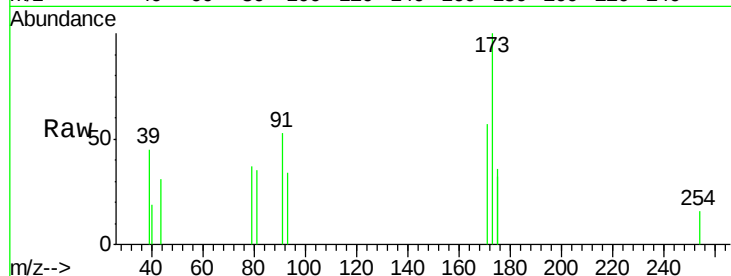




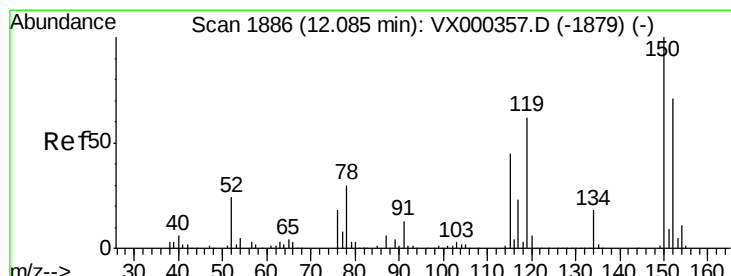
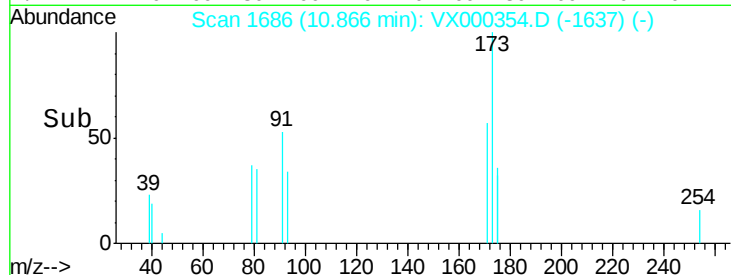
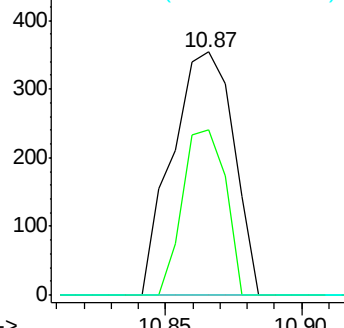
#71
Bromoform
Concen: 0.63 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:173 Resp: 553
Ion Ratio Lower Upper
173 100
175 47.7 25.4 76.4
254 0.0 0.0 0.0

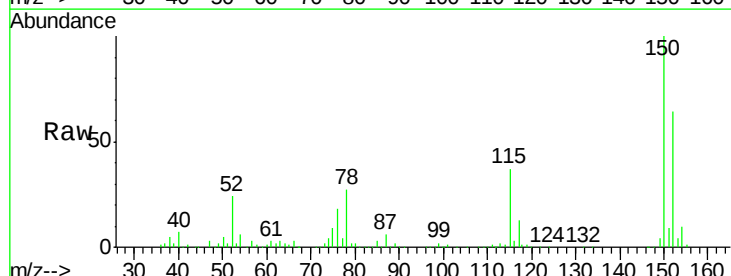


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

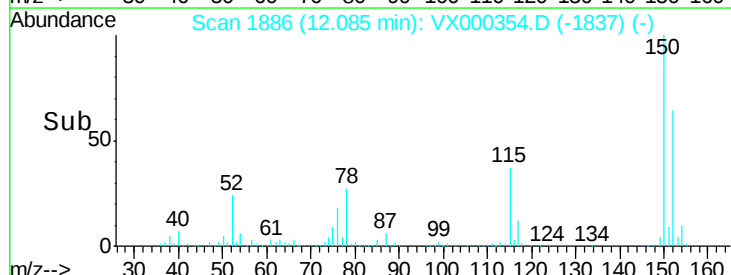
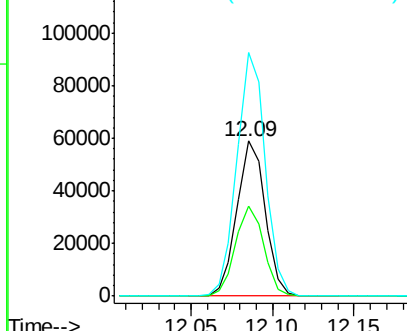


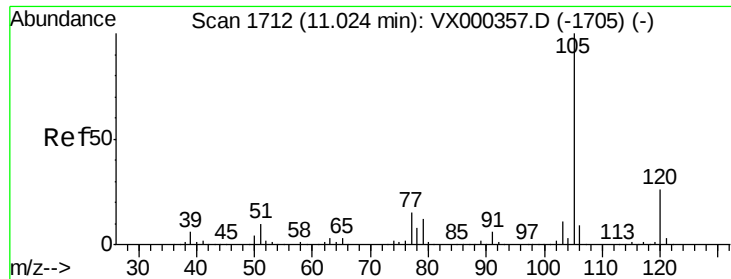
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000354.D
Acq: 20 Mar 2018 10:12

Tgt Ion:152 Resp: 71747
Ion Ratio Lower Upper
152 100
115 57.4 39.8 119.3
150 156.9 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: 0.74 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

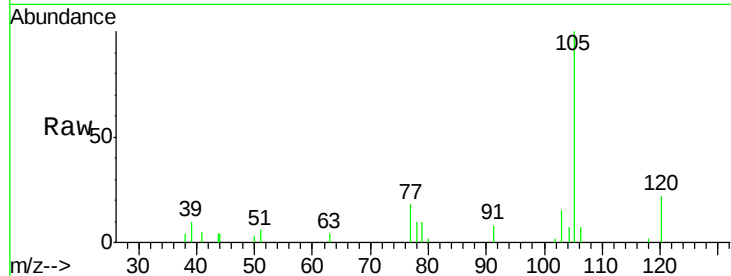
BFB

Tgt Ion: 105 Resp: 3191

Ion Ratio Lower Upper

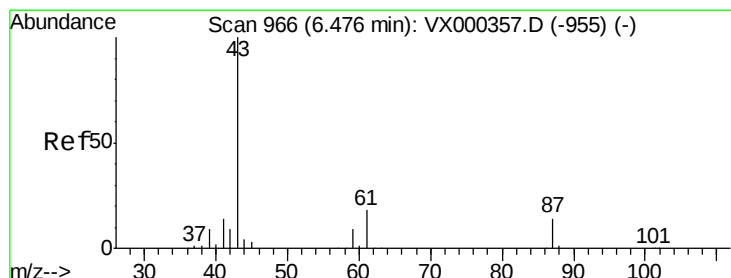
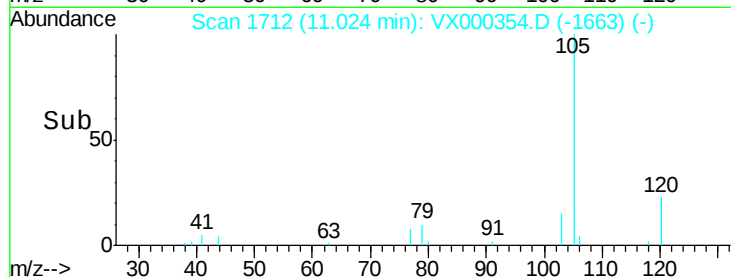
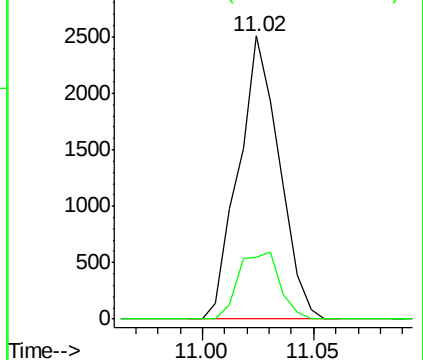
105 100

120 24.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.93 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Tgt Ion: 43 Resp: 1932

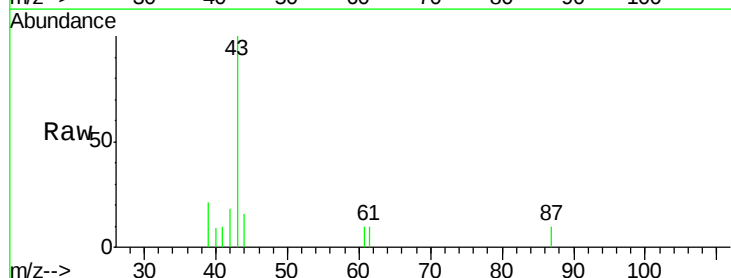
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 15.6 14.4 21.6

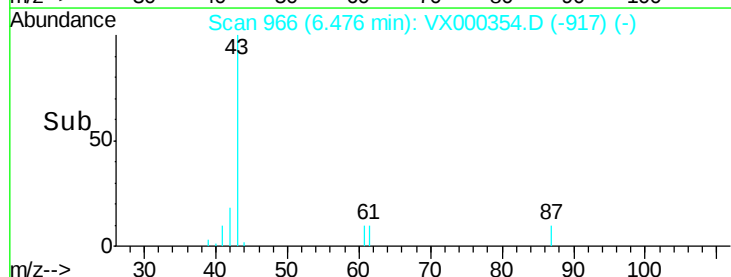
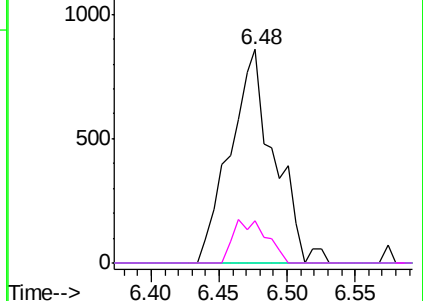


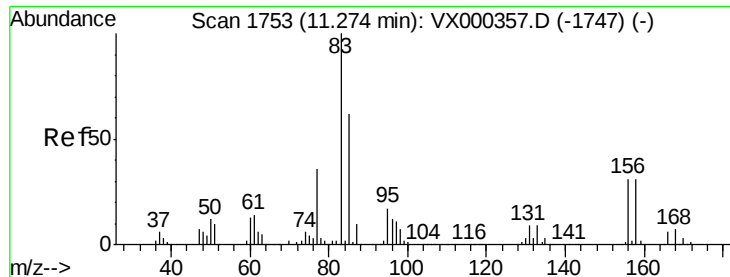
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

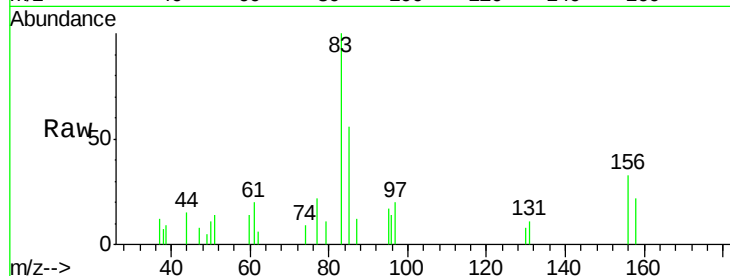
Tgt Ion: 83 Resp: 1195

Ion Ratio Lower Upper

83 100

131 5.6 5.0 14.9

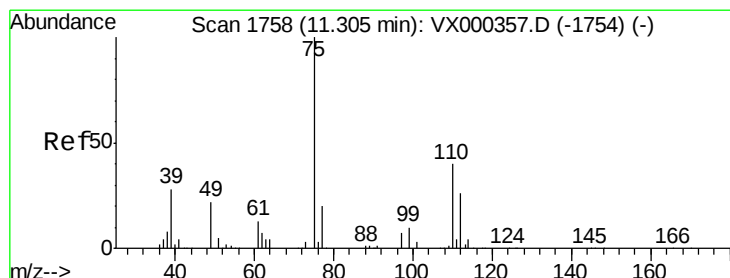
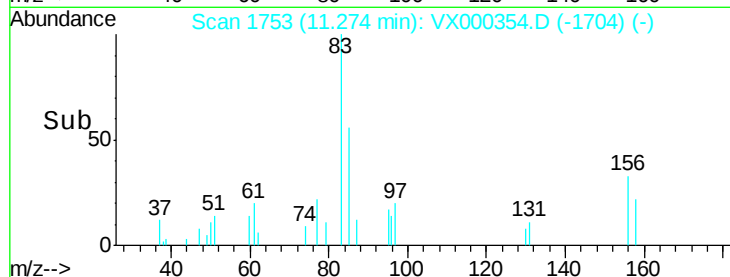
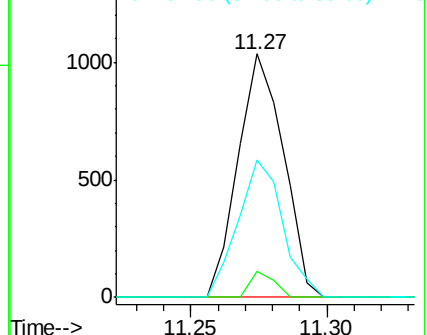
85 55.7 32.5 97.5



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: 0.88 ug/l

RT: 11.31 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VX000354.D

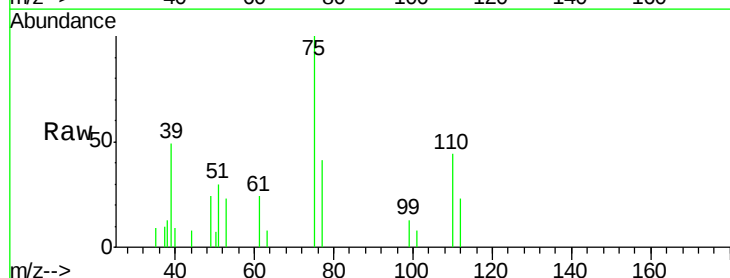
Acq: 20 Mar 2018 10:12

Tgt Ion: 75 Resp: 1266

Ion Ratio Lower Upper

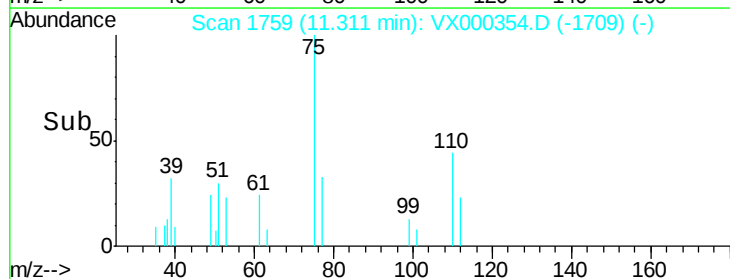
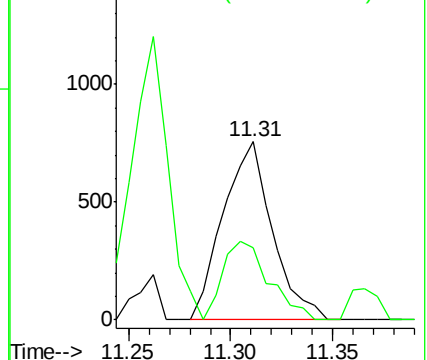
75 100

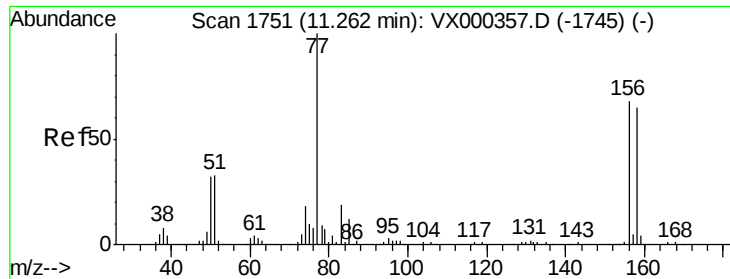
77 41.7 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.78 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

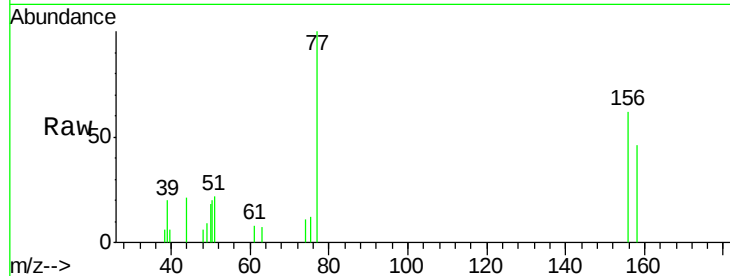
Tgt Ion:156 Resp: 886

Ion Ratio Lower Upper

156 100

77 166.9 73.4 220.2

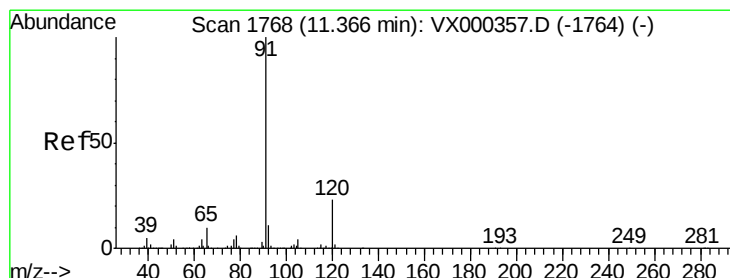
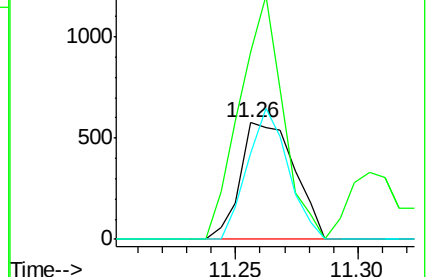
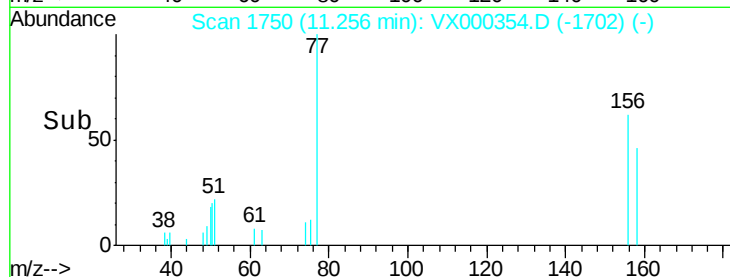
158 84.8 48.5 145.6



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: 0.67 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000354.D

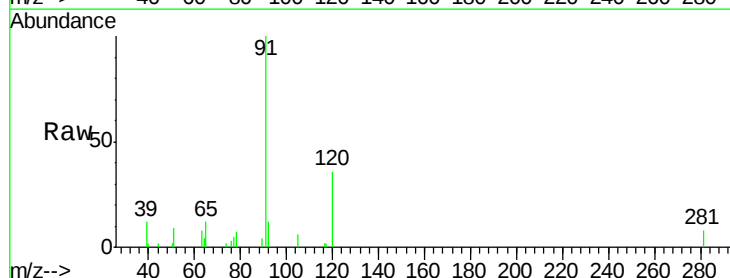
Acq: 20 Mar 2018 10:12

Tgt Ion: 91 Resp: 3483

Ion Ratio Lower Upper

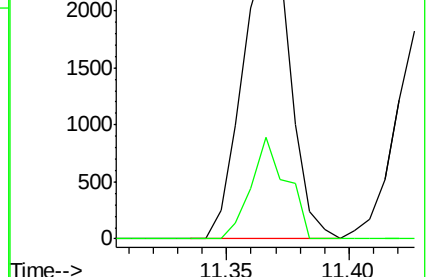
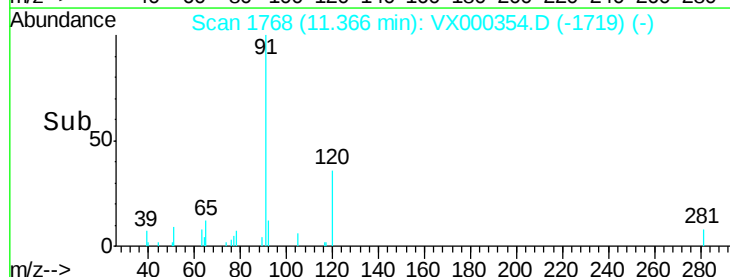
91 100

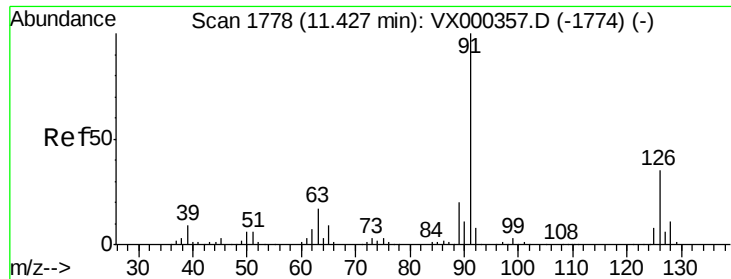
120 26.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

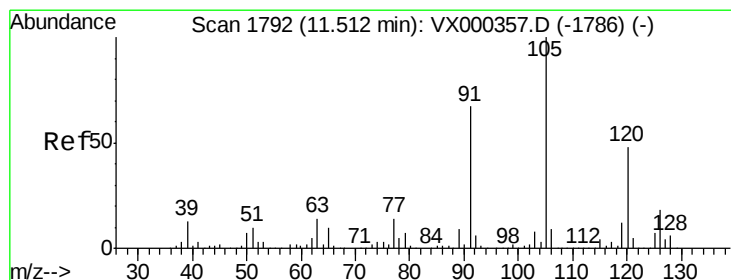
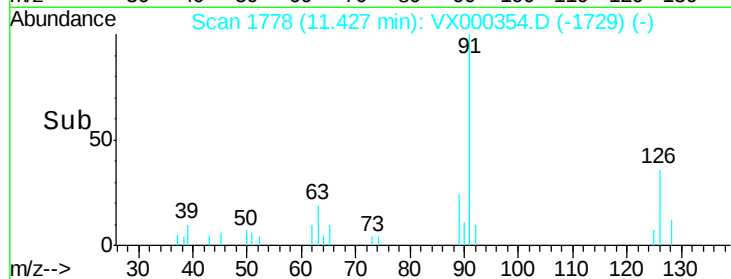
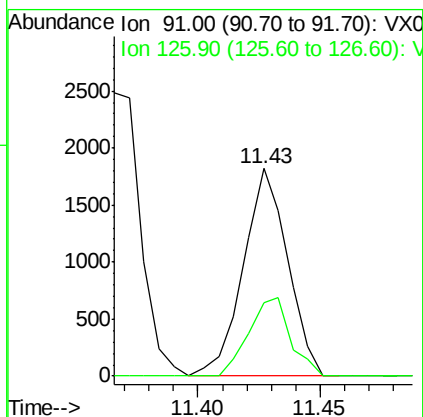
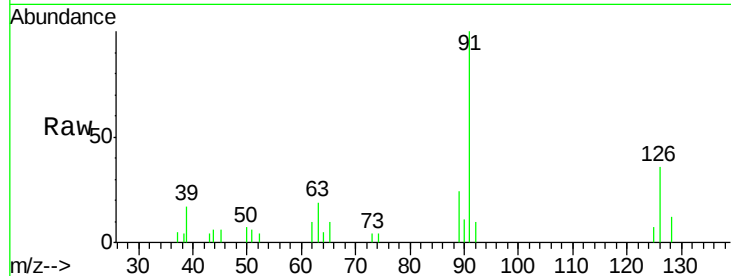




#79
 2-Chlorotoluene
 Concen: 0.78 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

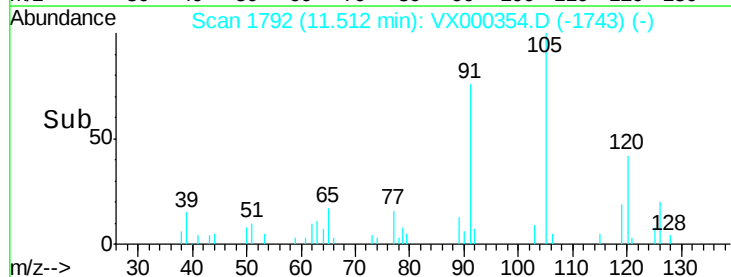
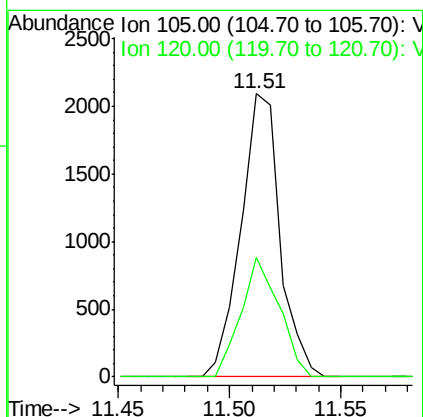
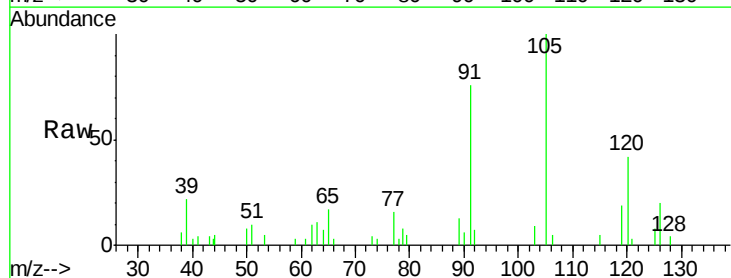
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

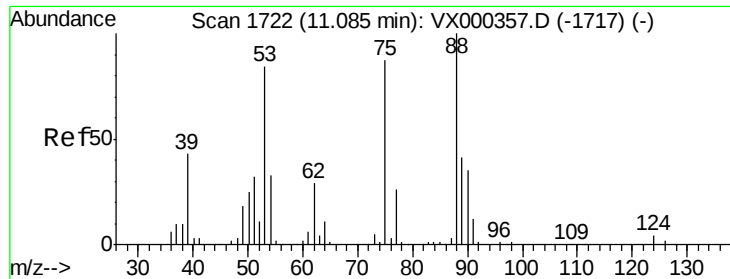
Tgt Ion: 91 Resp: 2301
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.70 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 105 Resp: 2562
 Ion Ratio Lower Upper
 105 100
 120 41.1 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.68 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

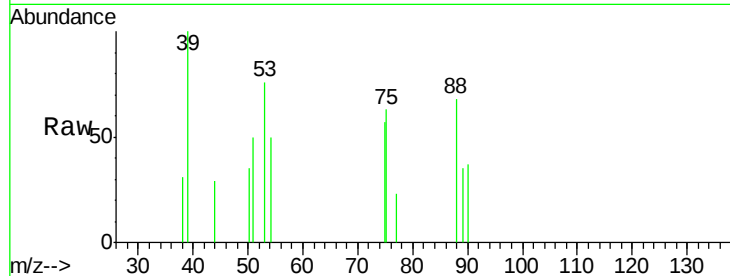
Tgt Ion: 75 Resp: 290

Ion Ratio Lower Upper

75 100

53 85.9 80.7 121.1

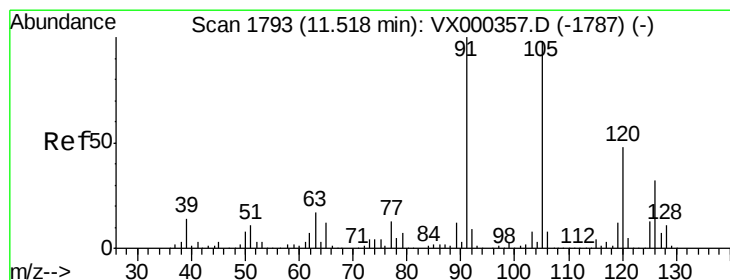
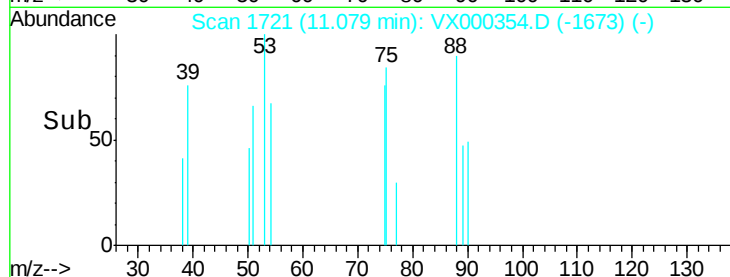
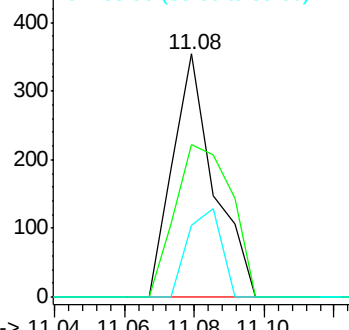
89 29.3 39.4 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.77 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000354.D

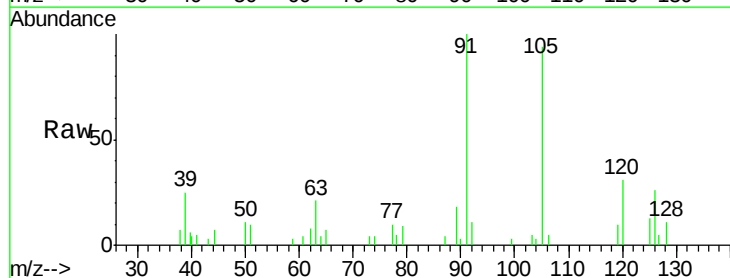
Acq: 20 Mar 2018 10:12

Tgt Ion: 91 Resp: 2807

Ion Ratio Lower Upper

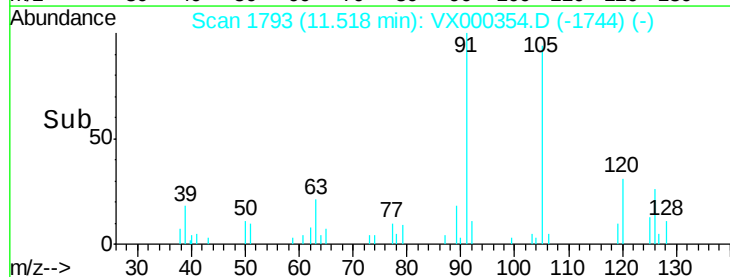
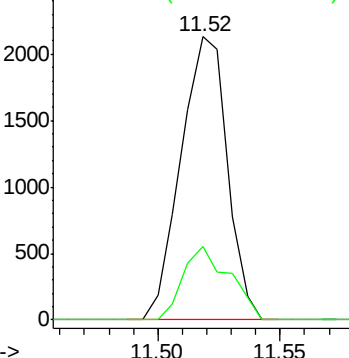
91 100

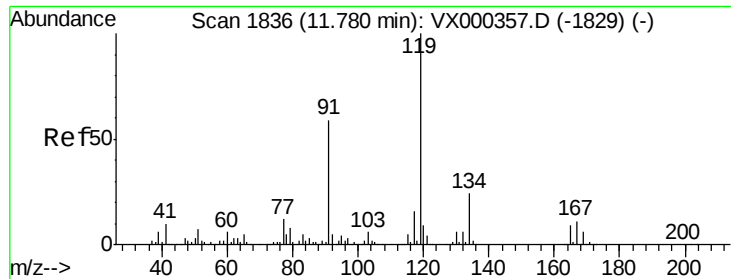
126 25.8 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

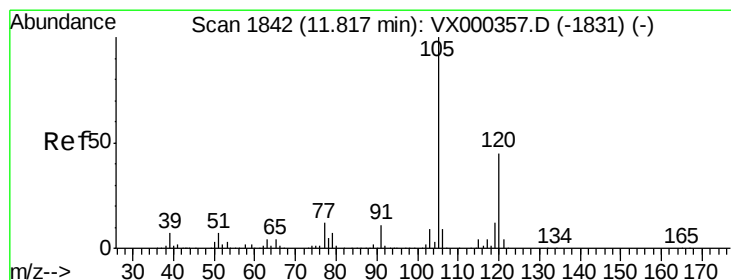
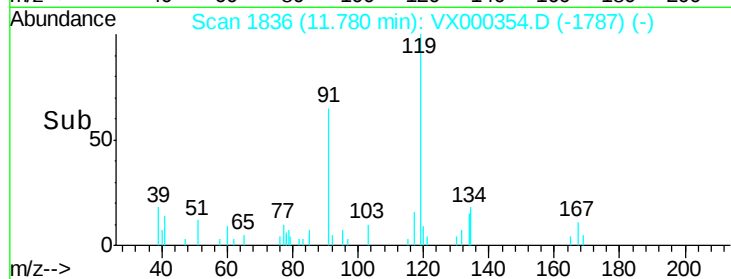
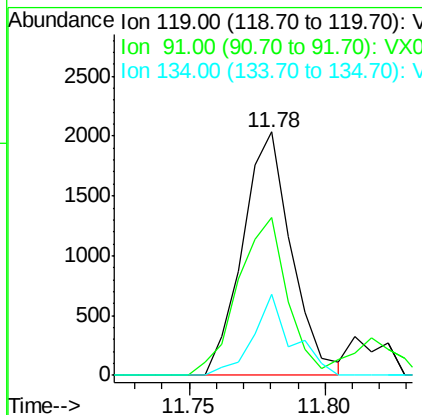
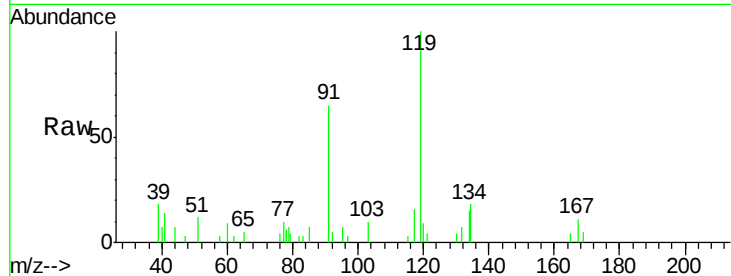




#83
 tert-Butylbenzene
 Concen: 0.70 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

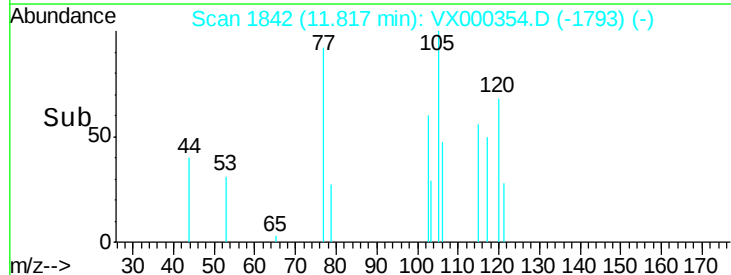
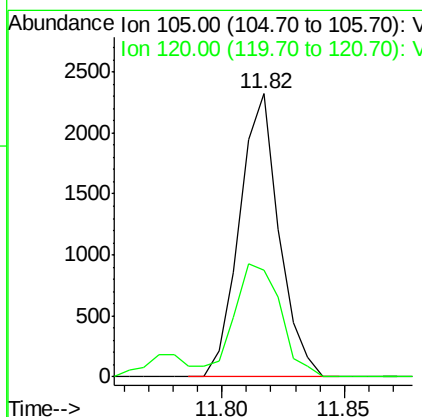
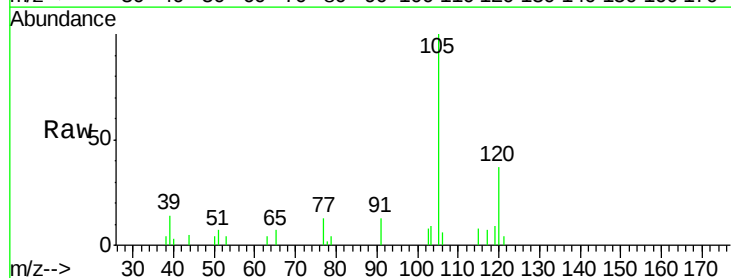
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

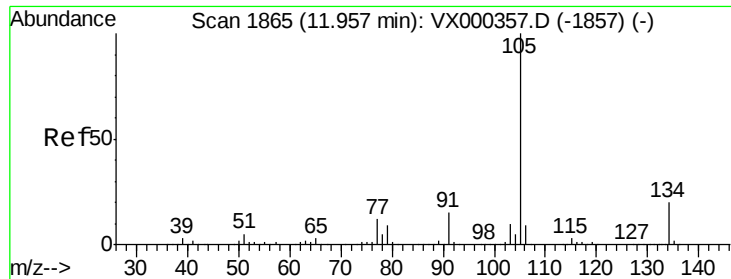
Tgt Ion:119 Resp: 2530
 Ion Ratio Lower Upper
 119 100
 91 65.5 28.8 86.4
 134 26.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.69 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion:105 Resp: 2615
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.4 67.3

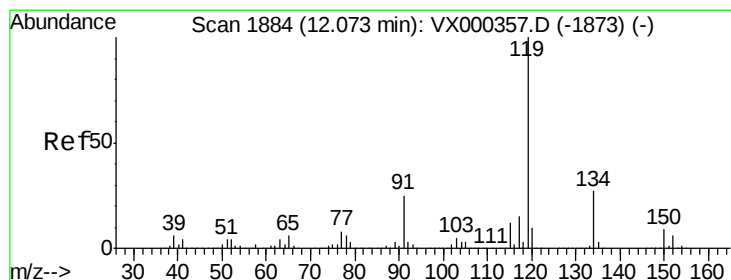
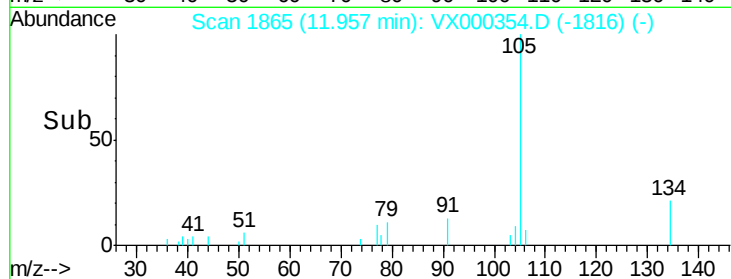
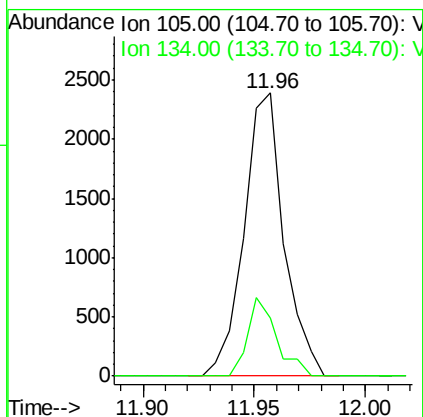
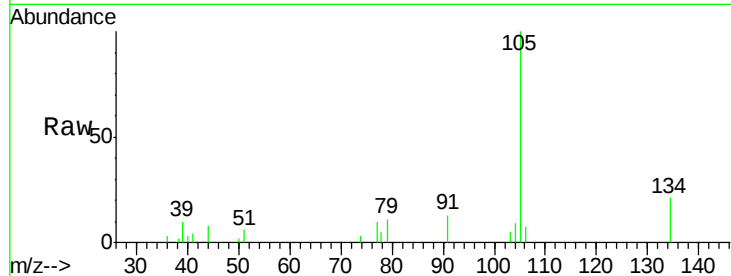




#85
 sec-Butylbenzene
 Concen: 0.66 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

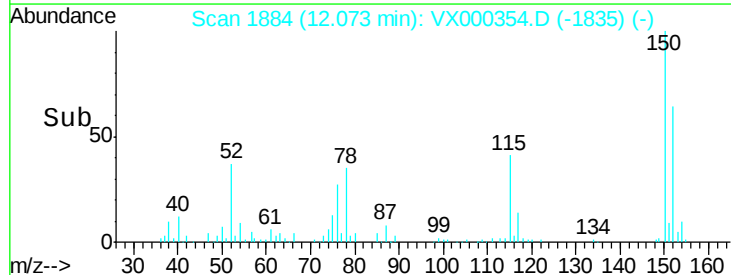
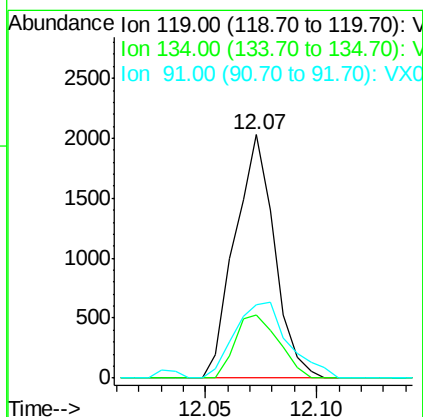
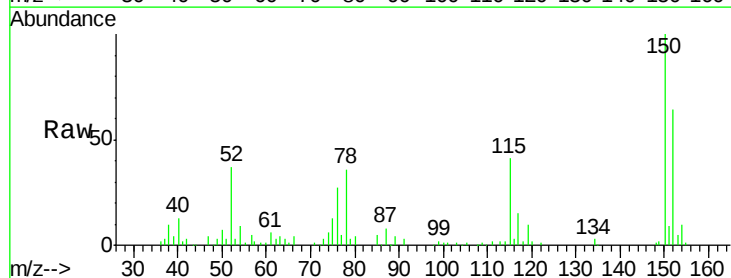
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

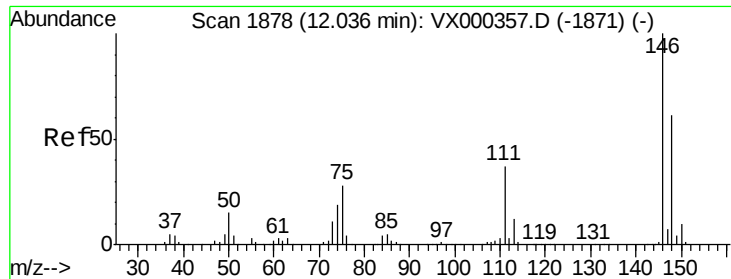
Tgt Ion:105 Resp: 2983
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 0.63 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion:119 Resp: 2516
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.3 39.9
 91 42.1 12.0 36.1#

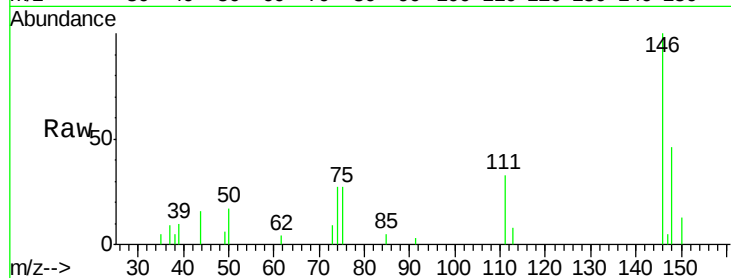




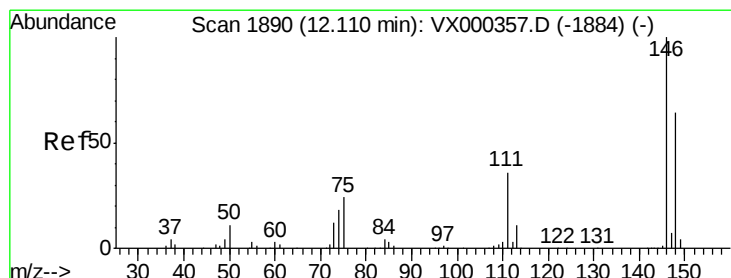
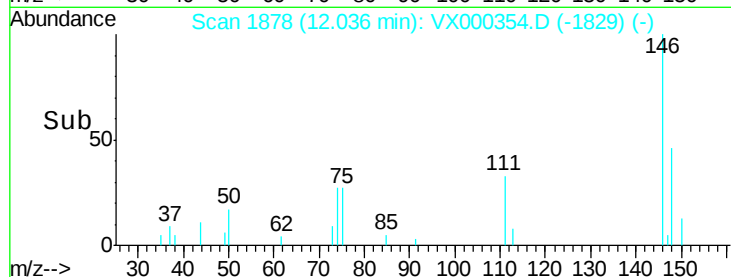
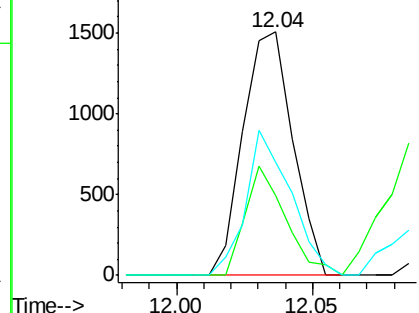
#87
 1,3-Dichlorobenzene
 Concen: 0.86 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion:146 Resp: 1914
 Ion Ratio Lower Upper
 146 100
 111 36.3 19.5 58.5
 148 53.7 32.4 97.0

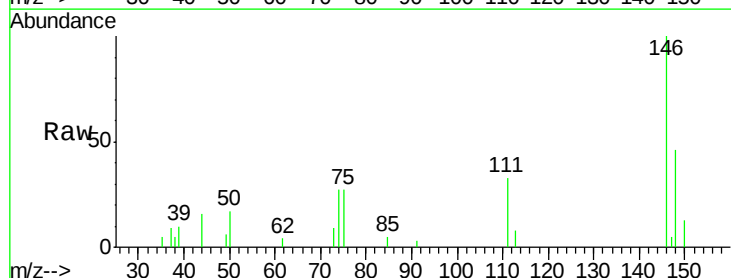


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

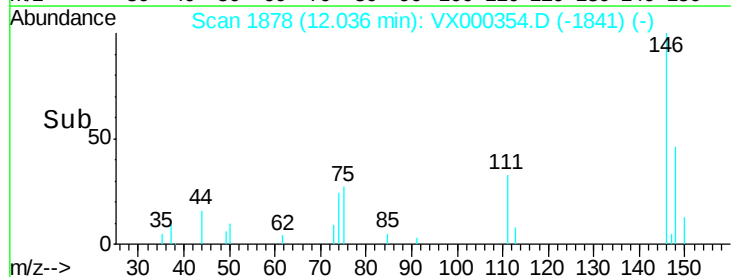
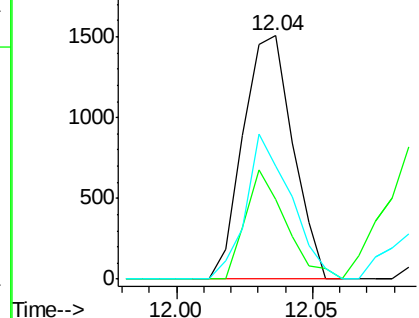


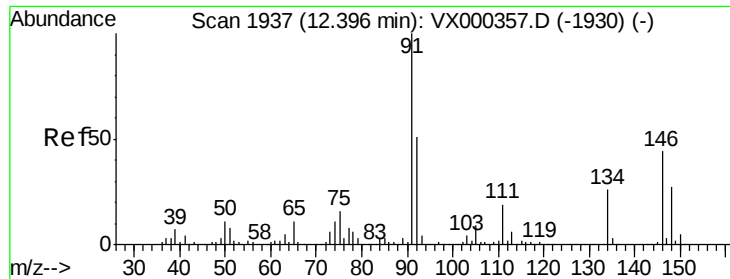
#88
 1,4-Dichlorobenzene
 Concen: 0.83 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion:146 Resp: 1914
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.9
 148 53.7 31.0 93.0



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





#89

n-Butylbenzene

Concen: 0.63 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampled :

BFB

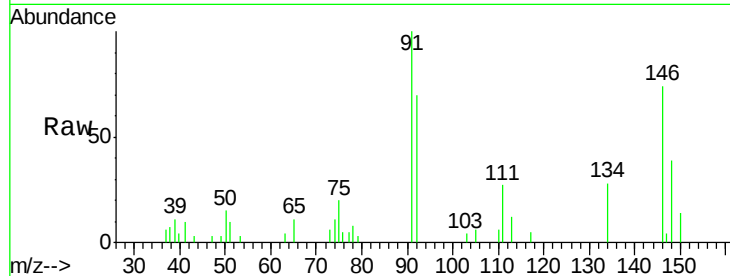
Tgt Ion: 91 Resp: 2450

Ion Ratio Lower Upper

91 100

92 56.7 25.9 77.8

134 26.7 13.1 39.3

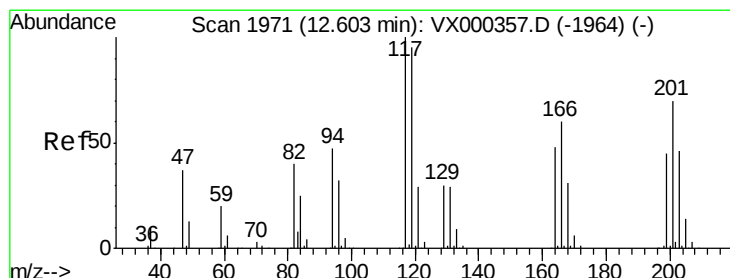
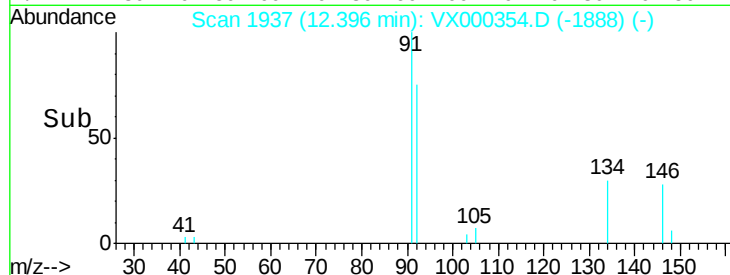


Abundance Ion 91.00 (90.70 to 91.70): VX000354.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000354.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000354.D (-1888) (-)

Time-->



#90

Hexachloroethane

Concen: 0.64 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX000354.D

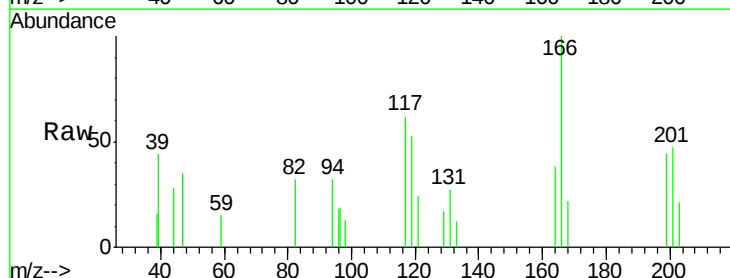
Acq: 20 Mar 2018 10:12

Tgt Ion: 117 Resp: 412

Ion Ratio Lower Upper

117 100

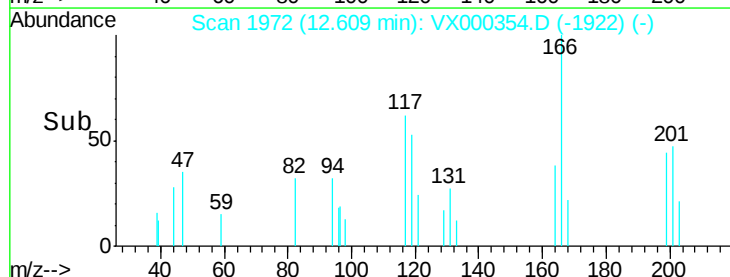
201 73.3 37.9 113.6

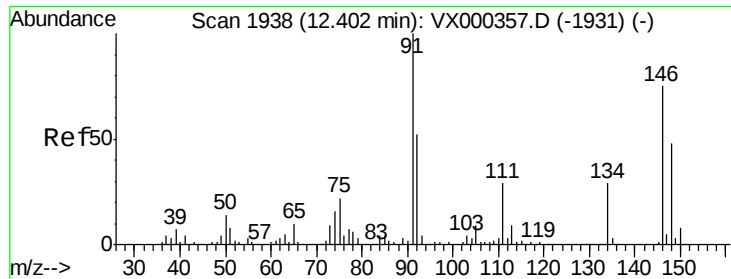


Abundance Ion 116.80 (116.50 to 117.50): VX000354.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX000354.D (-1922) (-)

Time-->

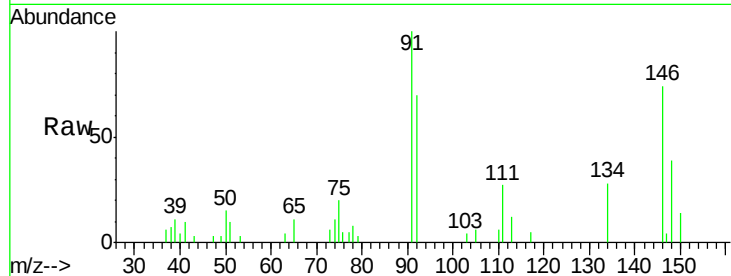




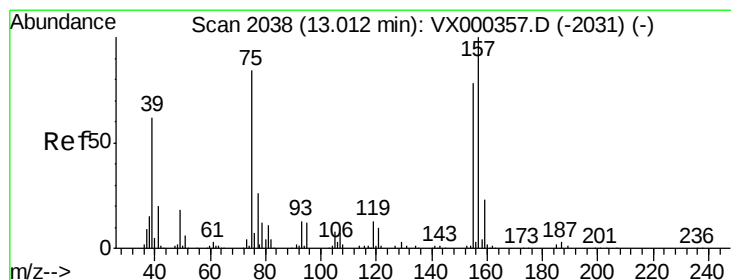
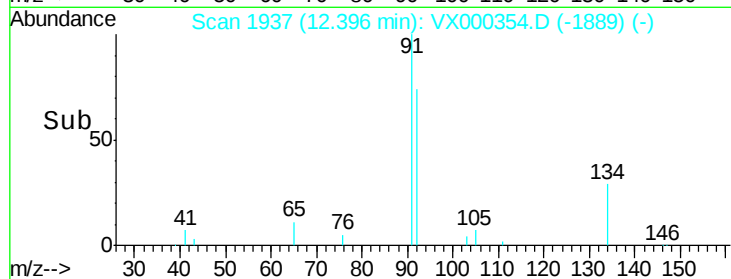
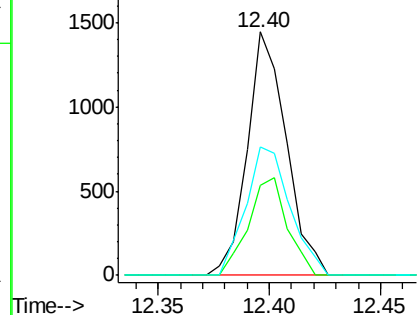
#91
 1,2-Dichlorobenzene
 Concen: 0.82 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Tgt Ion: 146 Resp: 1769
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 60.1 31.2 93.6

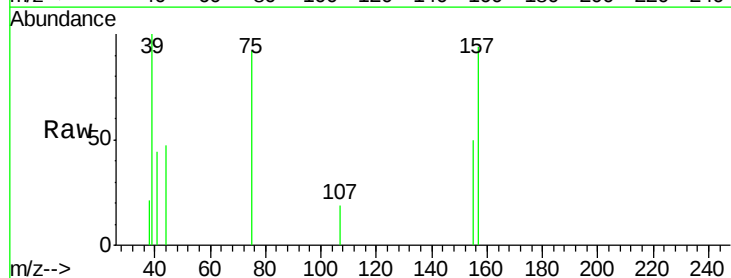


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

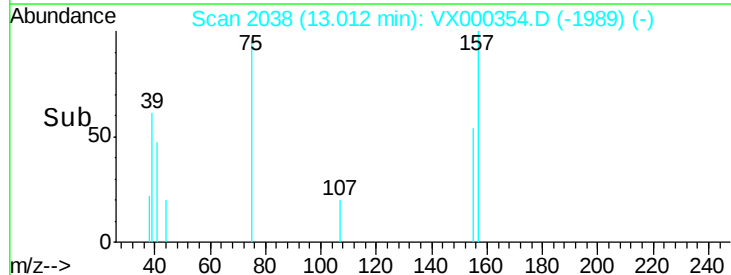
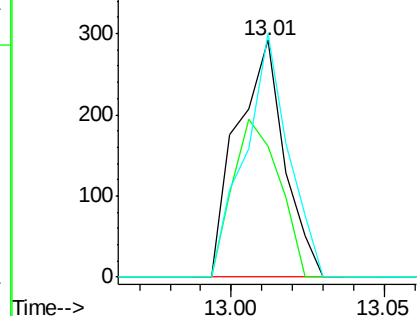


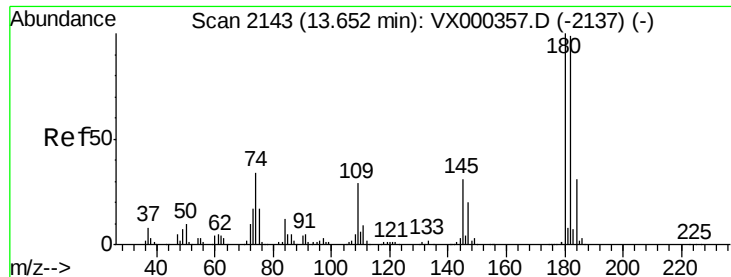
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.75 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion: 75 Resp: 312
 Ion Ratio Lower Upper
 75 100
 155 65.4 45.0 134.8
 157 94.9 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

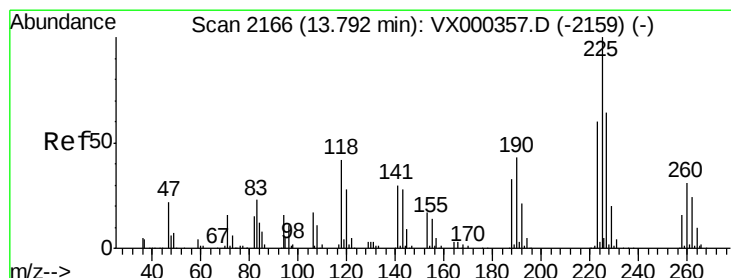
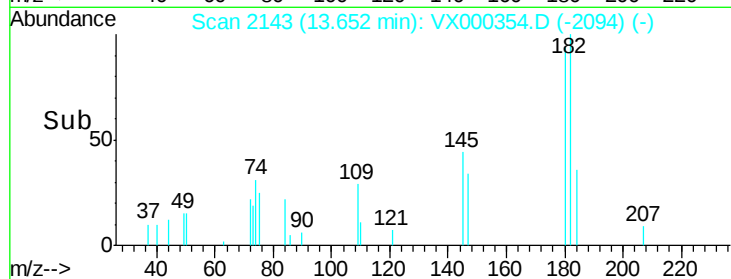
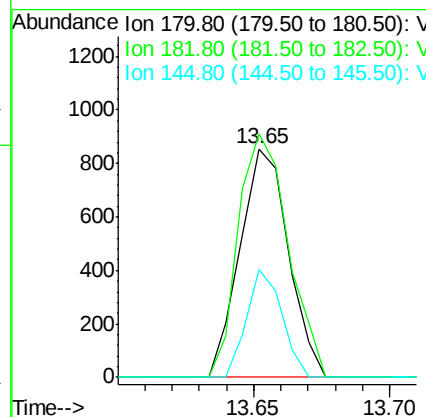
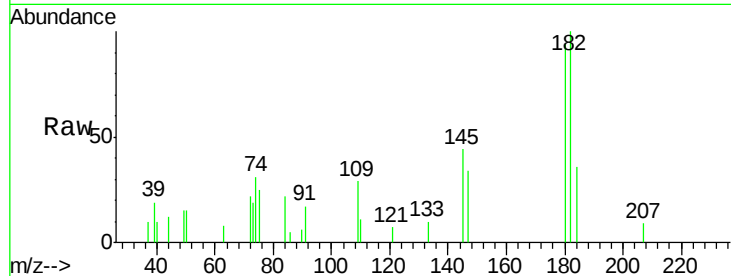




#93
 1,2,4-Trichlorobenzene
 Concen: 0.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

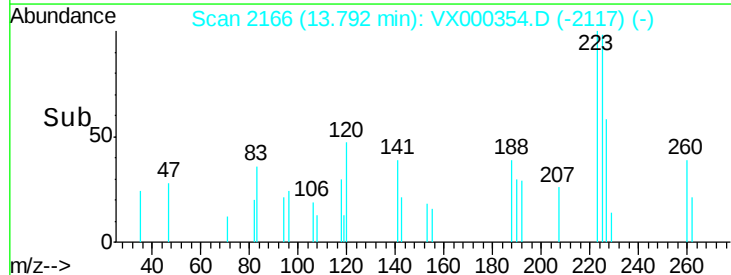
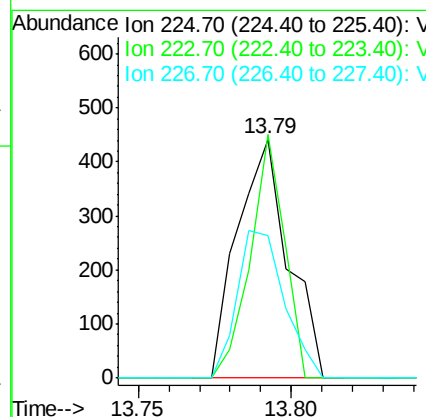
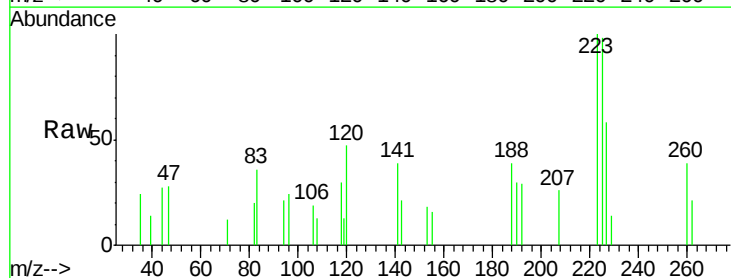
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

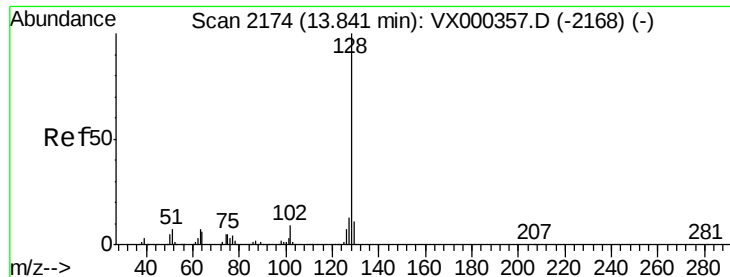
Tgt Ion:180 Resp: 1056
 Ion Ratio Lower Upper
 180 100
 182 109.3 47.6 142.9
 145 34.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 0.83 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000354.D
 Acq: 20 Mar 2018 10:12

Tgt Ion:225 Resp: 511
 Ion Ratio Lower Upper
 225 100
 223 67.5 32.0 96.0
 227 56.9 32.6 98.0





#95

Naphthalene

Concen: 0.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

Instrument :

MSVOA_X

ClientSampleId :

BFB

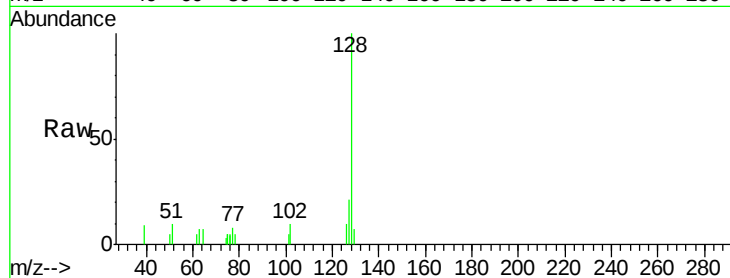
Tgt Ion:128 Resp: 3487

Ion Ratio Lower Upper

128 100

127 14.7 10.6 15.8

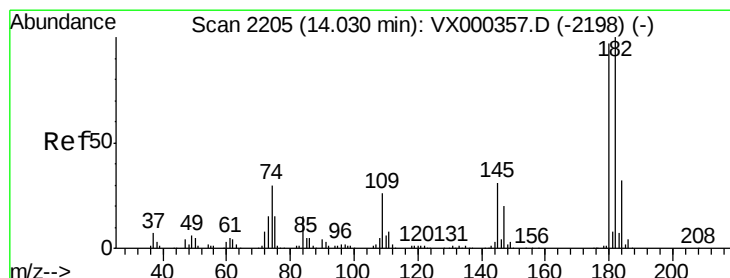
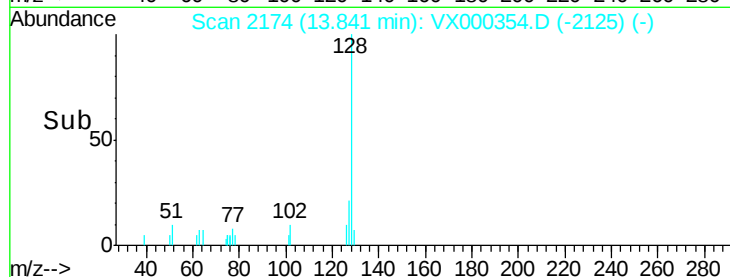
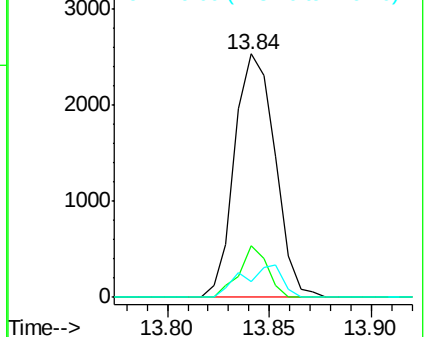
129 13.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VX000354.D

Acq: 20 Mar 2018 10:12

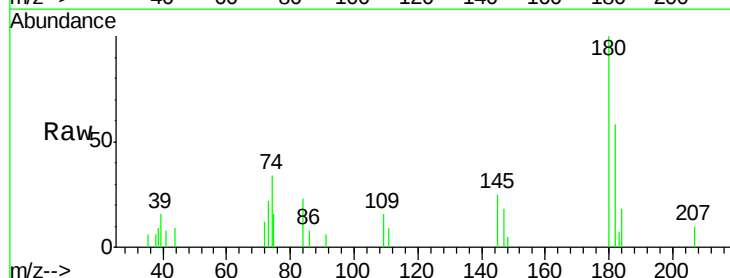
Tgt Ion:180 Resp: 1261

Ion Ratio Lower Upper

180 100

182 80.1 47.4 142.3

145 26.2 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

