

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
 Data File : VW006422.D
 Acq On : 27 Oct 2018 00:06
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Oct 27 04:49:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87412	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.88	113	91112	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.32	98	335184	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	129703	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55788	54.795	ug/l	91
3) Chloromethane	2.21	50	72190	55.083	ug/l	94
4) Vinyl Chloride	2.37	62	103841	55.482	ug/l	96
5) Bromomethane	2.78	94	95955	56.368	ug/l	98
6) Chloroethane	2.93	64	80438	59.972	ug/l	98
7) Trichlorofluoromethane	3.26	101	100724	57.770	ug/l	100
8) Diethyl Ether	3.68	74	50682	54.695	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104315	57.090	ug/l	98
10) Methyl Iodide	4.26	142	174491	57.376	ug/l	99
11) Tert butyl alcohol	5.23	59	28722	250.373	ug/l	100
12) 1,1-Dichloroethene	4.04	96	96859	56.345	ug/l	89
13) Acrolein	3.90	56	25020	225.398	ug/l	97
14) Allyl chloride	4.67	41	133875	54.466	ug/l	98
15) Acrylonitrile	5.38	53	98635	296.775	ug/l	100
16) Acetone	4.14	43	89815	282.600	ug/l	95
17) Carbon Disulfide	4.37	76	262080	50.515	ug/l	99
18) Methyl Acetate	4.68	43	48773	56.819	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	147425	56.306	ug/l	97
20) Methylene Chloride	4.91	84	108591	60.509	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	112590	58.678	ug/l	97
22) Diisopropyl ether	6.32	45	285419	58.761	ug/l	97
23) Vinyl Acetate	6.26	43	814468	284.128	ug/l	98
24) 1,1-Dichloroethane	6.21	63	188915	60.275	ug/l	99
25) 2-Butanone	7.18	43	130344	282.867	ug/l	98
26) 2,2-Dichloropropane	7.17	77	111873	50.609	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	129769	61.286	ug/l	97
28) Bromochloromethane	7.51	49	70465	58.236	ug/l	92
29) Tetrahydrofuran	7.54	42	79118	279.331	ug/l	98
30) Chloroform	7.68	83	209420	61.328	ug/l	100
31) Cyclohexane	7.95	56	156694	50.203	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	173920	56.462	ug/l	99
36) 1,1-Dichloropropene	8.08	75	157027	57.558	ug/l	99
37) Ethyl Acetate	7.26	43	57268	56.499	ug/l	99
38) Carbon Tetrachloride	8.07	117	166594	55.704	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199500	55.013	ug/l	99
40) Benzene	8.32	78	455286	60.839	ug/l	98
41) Methacrylonitrile	7.49	41	33259	54.430	ug/l	92
42) 1,2-Dichloroethane	8.40	62	132205	60.130	ug/l	99
43) Isopropyl Acetate	8.43	43	113343	54.690	ug/l	99
44) Trichloroethene	9.09	130	138475	60.313	ug/l	100
45) 1,2-Dichloropropane	9.37	63	108389	60.527	ug/l	97
46) Dibromomethane	9.46	93	62897	61.625	ug/l	99
47) Bromodichloromethane	9.65	83	146887	59.360	ug/l	99
48) Methyl methacrylate	9.44	41	54209	55.182	ug/l	93
49) 1,4-Dioxane	9.48	88	19103	1215.792	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	293259	282.419	ug/l	98
52) Toluene	10.39	92	302006	60.195	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	140666	57.056	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	164939	58.292	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	88668	62.080	ug/l	99
56) Ethyl methacrylate	10.65	69	103361	59.031	ug/l	96
57) 1,3-Dichloropropane	10.93	76	144458	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182955	273.453	ug/l	99
59) 2-Hexanone	10.97	43	201397	271.705	ug/l	96
60) Dibromochloromethane	11.13	129	106374	59.792	ug/l	100
61) 1,2-Dibromoethane	11.24	107	88058	61.704	ug/l	100
64) Tetrachloroethene	10.87	164	128065	59.792	ug/l	97
65) Chlorobenzene	11.66	112	355395	60.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	124573	59.350	ug/l	98
67) Ethyl Benzene	11.73	91	603310	58.942	ug/l	98
68) m/p-Xylenes	11.84	106	481669	119.058	ug/l	99
69) o-Xylene	12.17	106	231005	59.914	ug/l	97
70) Styrene	12.18	104	382065	60.937	ug/l	99
71) Bromoform	12.35	173	65979	56.357	ug/l #	100
73) Isopropylbenzene	12.47	105	639445	56.804	ug/l	99
74) N-amyl acetate	12.28	43	114614	52.421	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	101528	59.299	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	127702	104.927	ug/l #	100
77) Bromobenzene	12.75	156	163004	59.119	ug/l	99
78) n-propylbenzene	12.81	91	745321	56.910	ug/l	100
79) 2-Chlorotoluene	12.90	91	423120	57.502	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	547061	57.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	26460	51.970	ug/l	98
82) 4-Chlorotoluene	12.99	91	449132	58.267	ug/l	100
83) tert-Butylbenzene	13.21	119	485257	57.152	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	560508	58.369	ug/l	100
85) sec-Butylbenzene	13.39	105	685317	57.134	ug/l	100
86) p-Isopropyltoluene	13.51	119	626400	57.736	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	325447	59.309	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	322352	59.001	ug/l	99
89) n-Butylbenzene	13.83	91	565497	56.993	ug/l	100
90) Hexachloroethane	14.10	117	101743	55.363	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	292339	59.726	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15634	51.001	ug/l	94

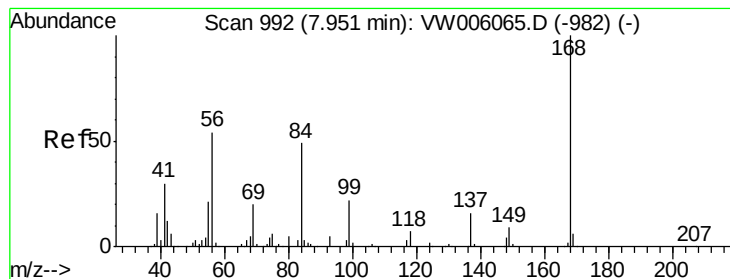
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	215362	57.184	ug/l	99
94) Hexachlorobutadiene	15.24	225	132795	56.130	ug/l	99
95) Naphthalene	15.38	128	353643	56.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187454	57.545	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

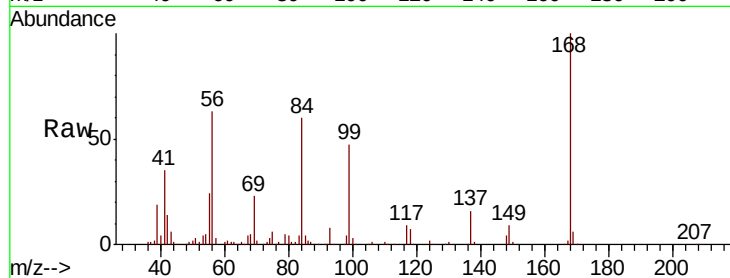
BFB

Tgt Ion:168 Resp: 205742

Ion Ratio Lower Upper

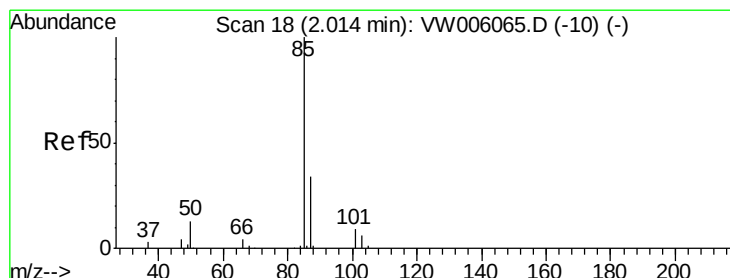
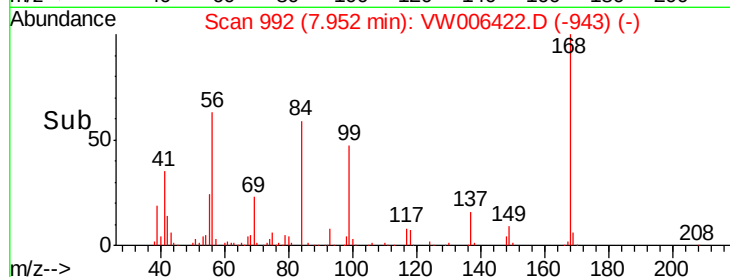
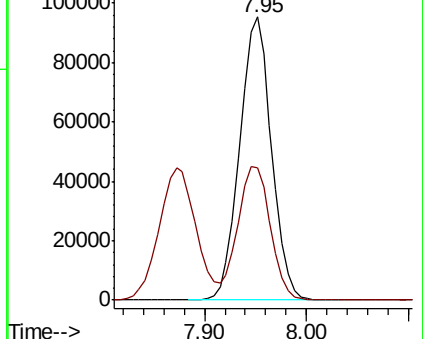
168 100

99 46.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.795 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006422.D

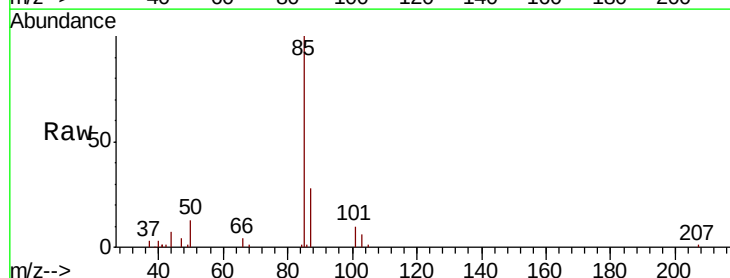
Acq: 27 Oct 2018 00:06

Tgt Ion: 85 Resp: 55788

Ion Ratio Lower Upper

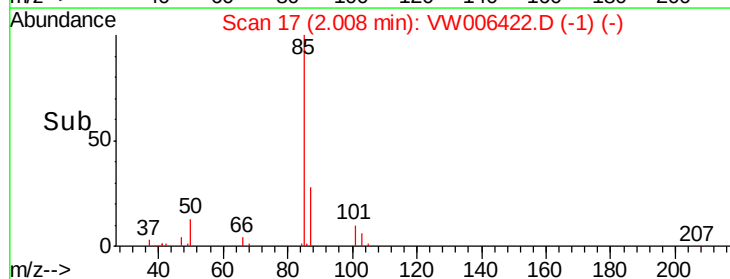
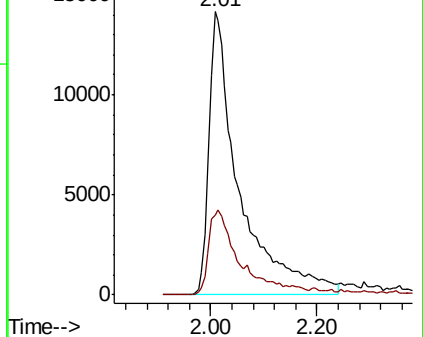
85 100

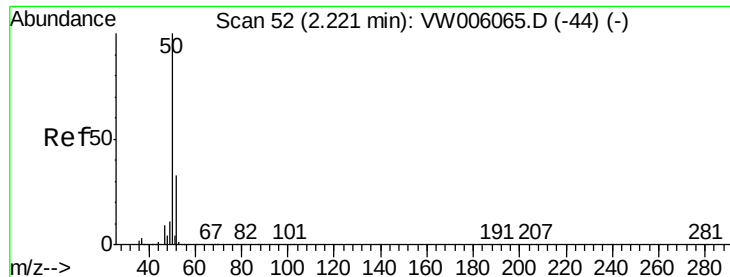
87 28.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.083 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

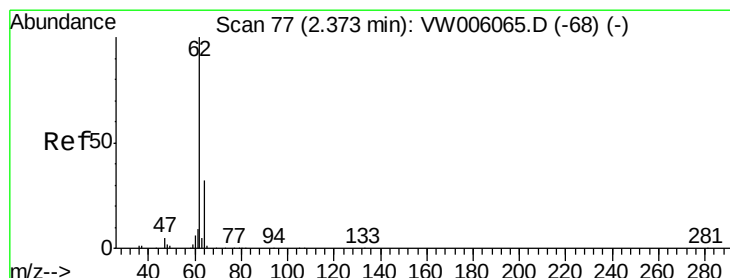
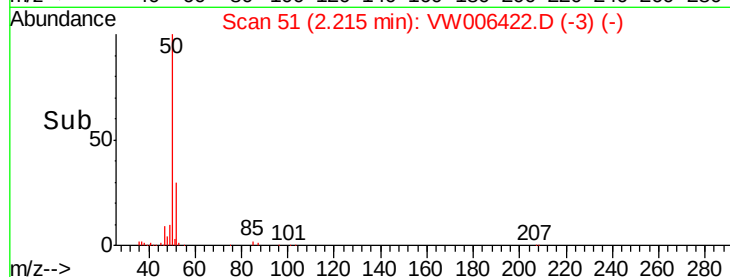
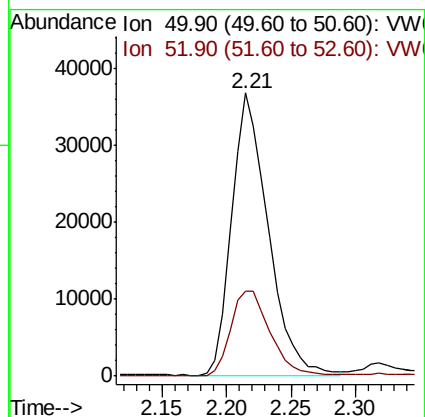
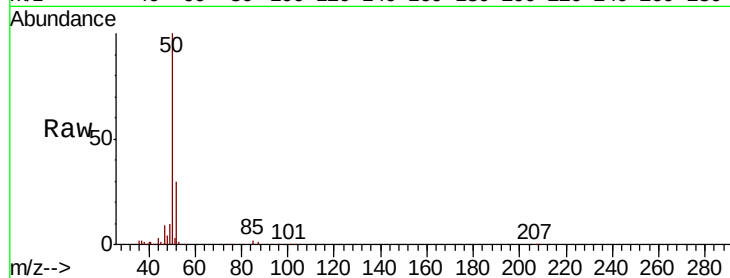
BFB

Tgt Ion: 50 Resp: 72190

Ion Ratio Lower Upper

50 100

52 30.2 26.8 40.2



#4

Vinyl Chloride

Concen: 55.482 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006422.D

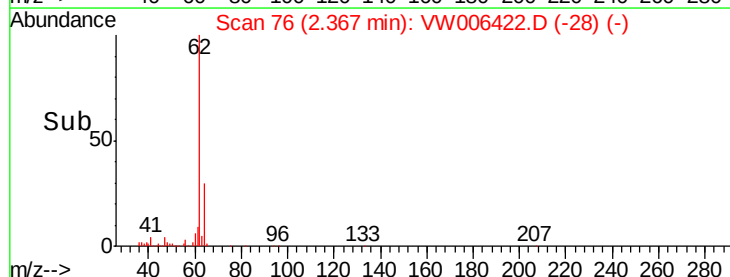
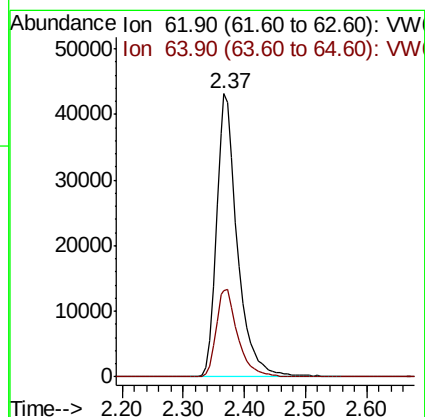
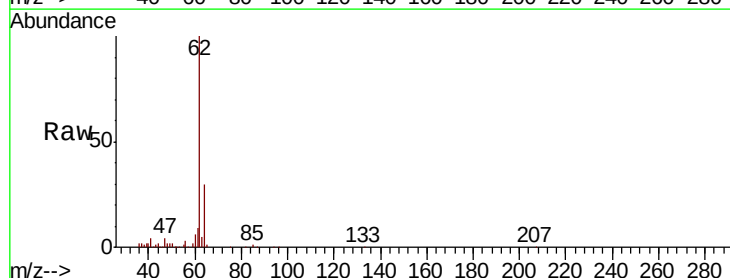
Acq: 27 Oct 2018 00:06

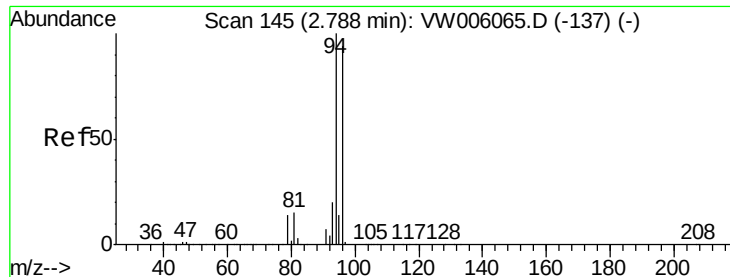
Tgt Ion: 62 Resp: 103841

Ion Ratio Lower Upper

62 100

64 30.3 25.9 38.9





#5

Bromomethane

Concen: 56.368 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

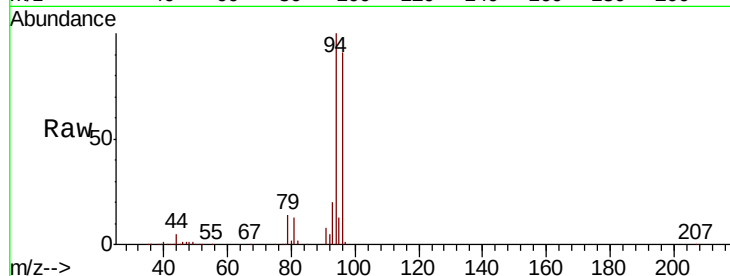
BFB

Tgt Ion: 94 Resp: 95955

Ion Ratio Lower Upper

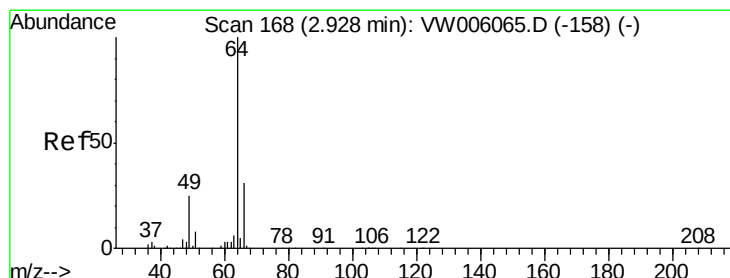
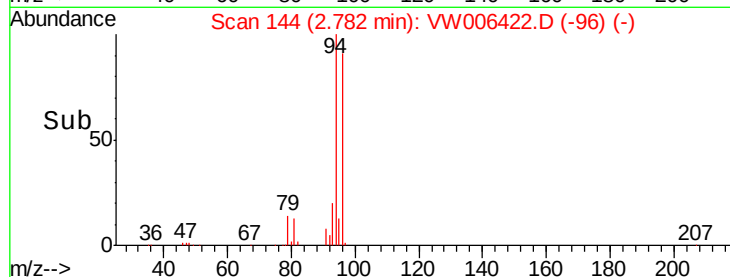
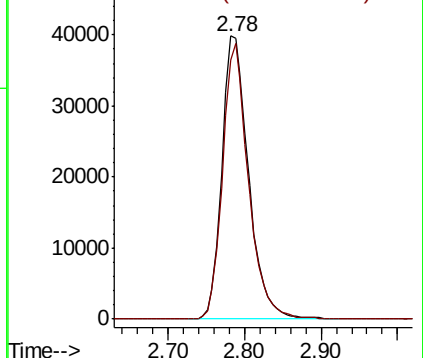
94 100

96 91.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 59.972 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006422.D

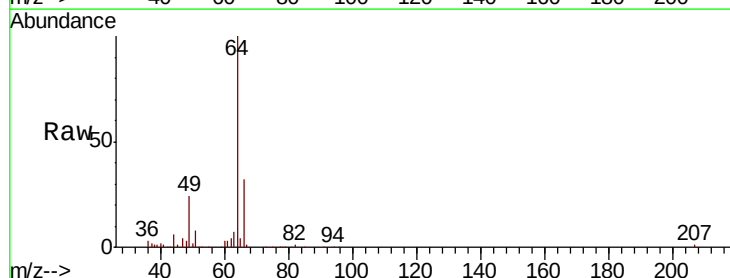
Acq: 27 Oct 2018 00:06

Tgt Ion: 64 Resp: 80438

Ion Ratio Lower Upper

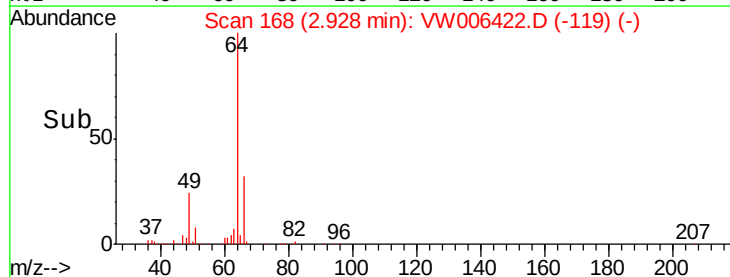
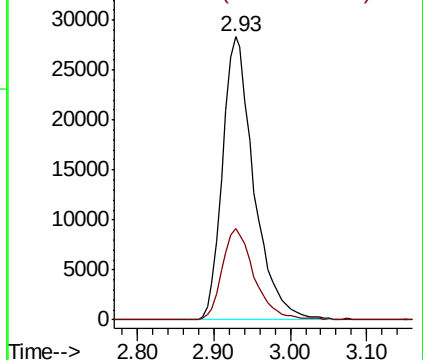
64 100

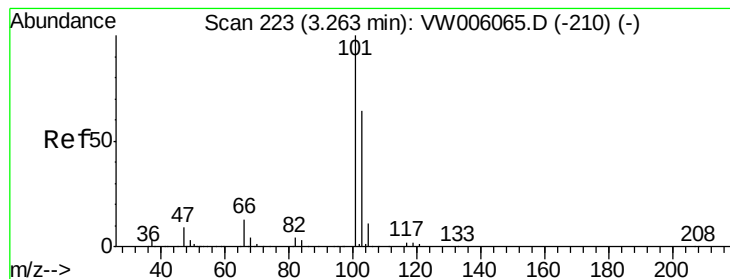
66 32.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



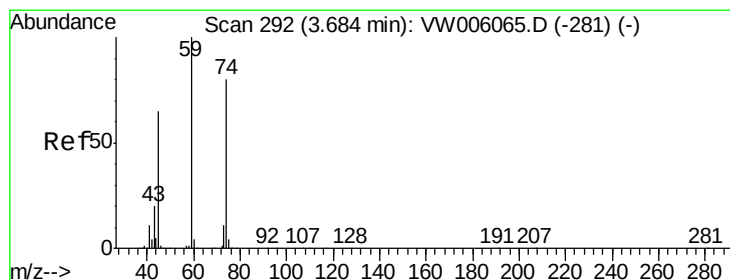
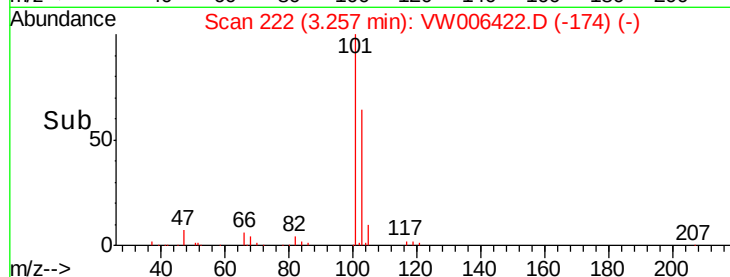
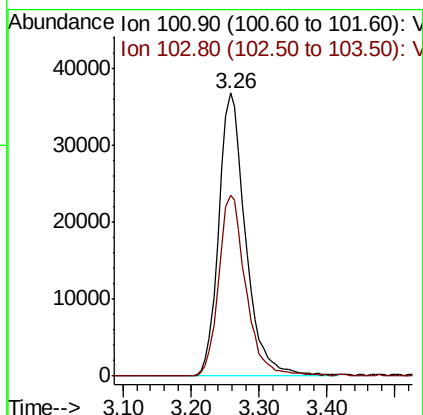
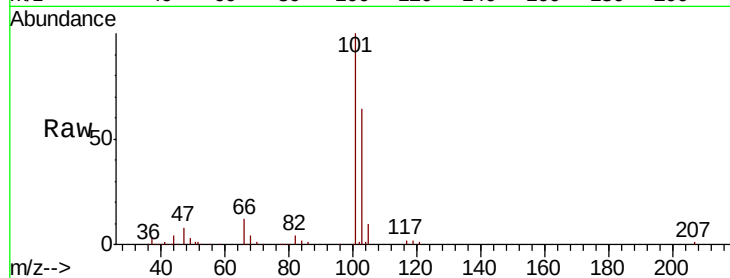


#7

Trichlorofluoromethane
 Concen: 57.770 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

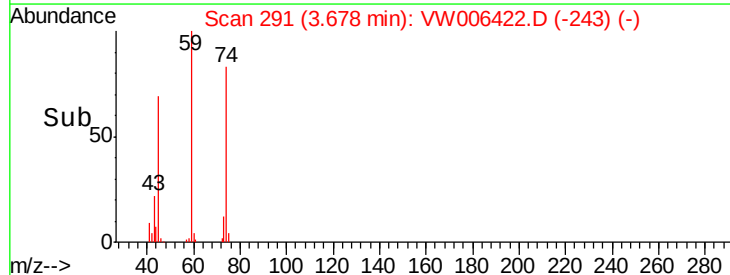
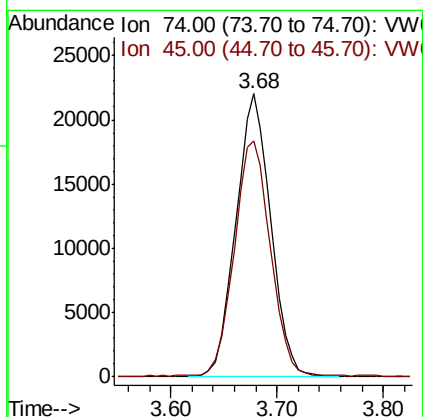
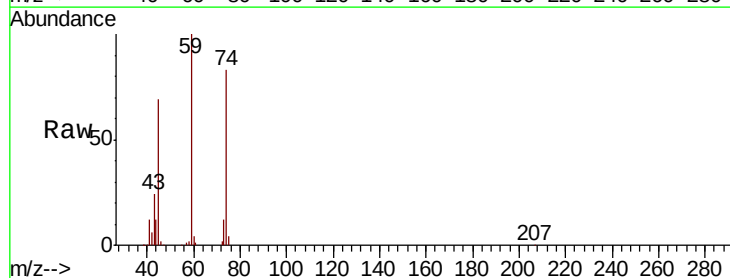
Tgt Ion:101 Resp: 100724
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.2 76.8

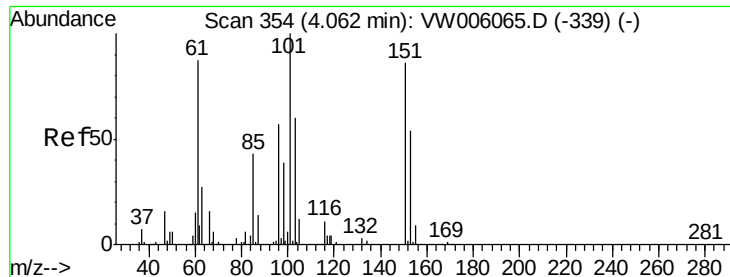


#8

Diethyl Ether
 Concen: 54.695 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 74 Resp: 50682
 Ion Ratio Lower Upper
 74 100
 45 85.6 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.090 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

BFB

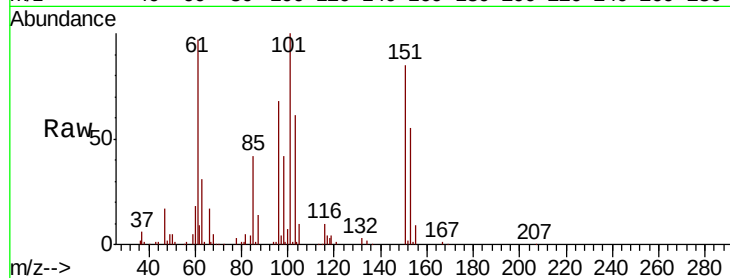
Tgt Ion:101 Resp: 104315

Ion Ratio Lower Upper

101 100

85 41.4 34.9 52.3

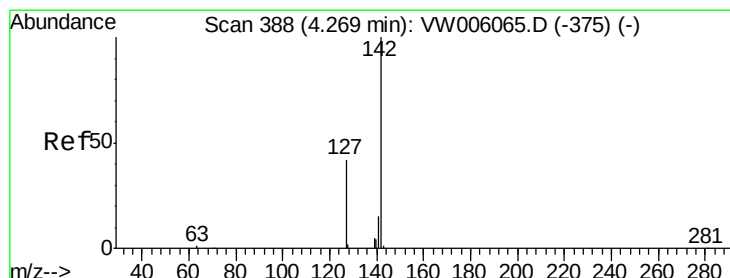
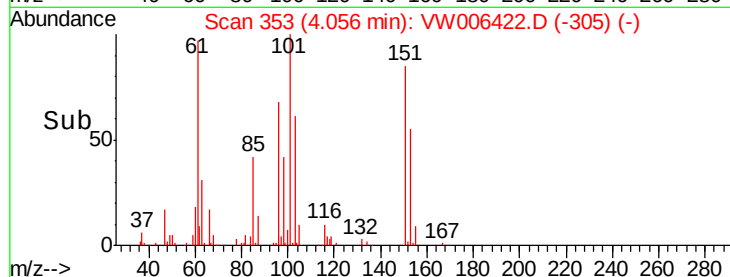
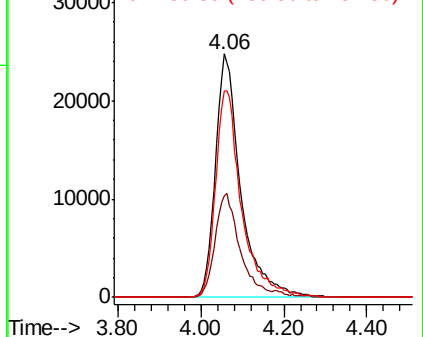
151 86.9 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.376 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

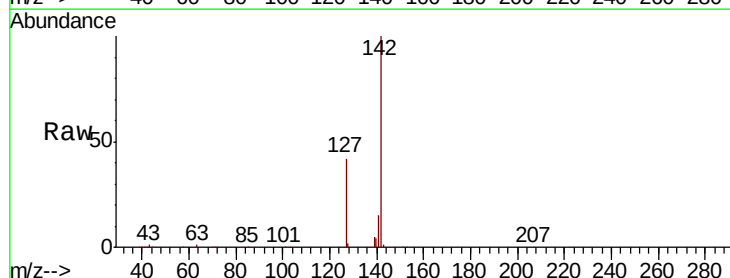
Tgt Ion:142 Resp: 174491

Ion Ratio Lower Upper

142 100

127 41.5 33.6 50.4

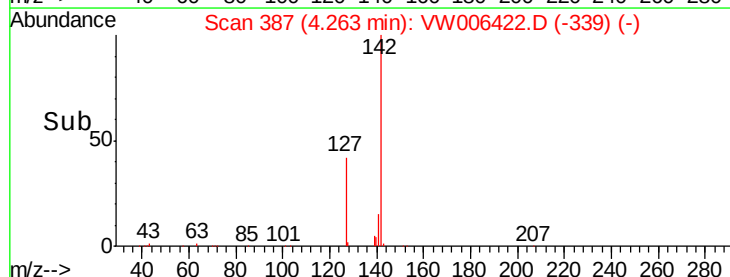
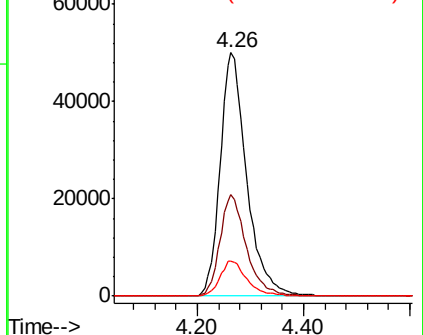
141 14.6 11.6 17.4

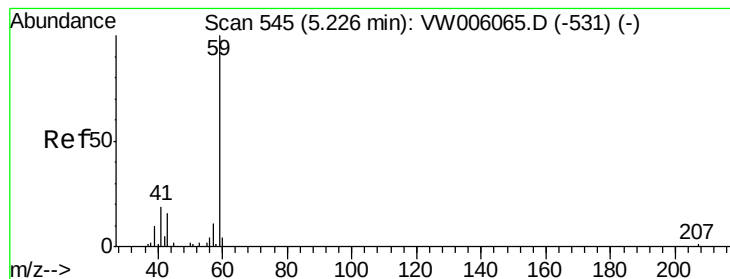


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 250.373 ug/l

RT: 5.23 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

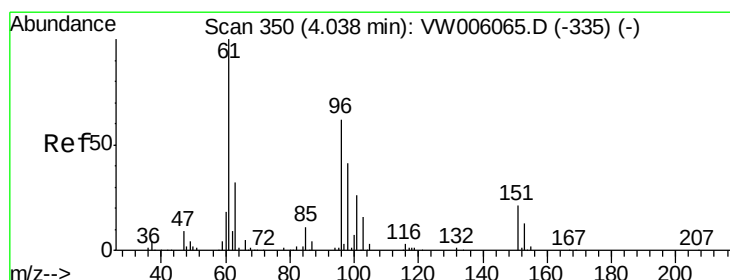
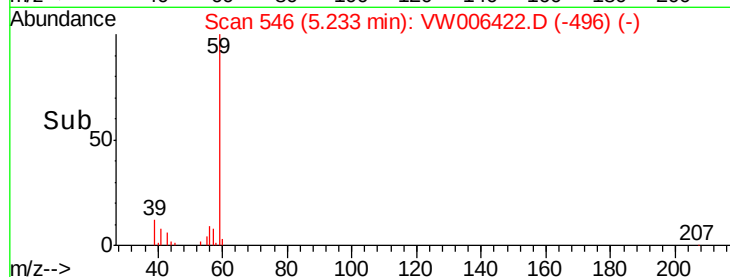
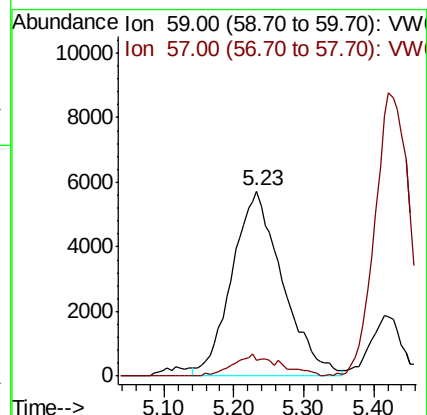
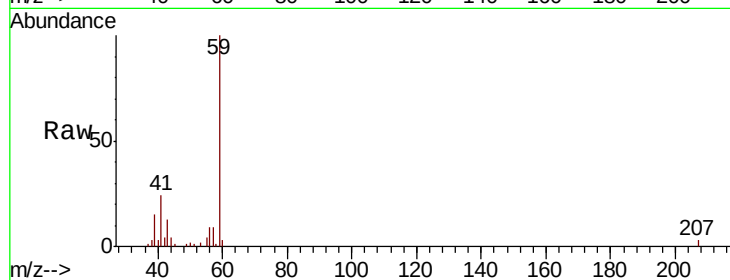
BFB

Tgt Ion: 59 Resp: 28722

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#12

1,1-Dichloroethene

Concen: 56.345 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

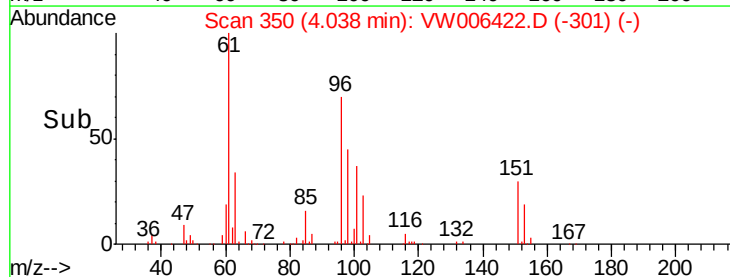
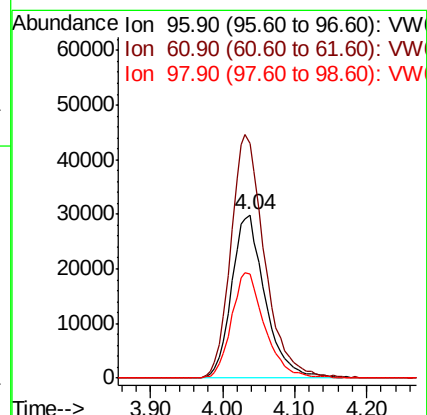
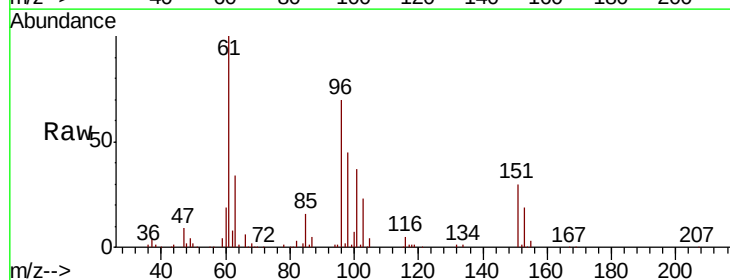
Tgt Ion: 96 Resp: 96859

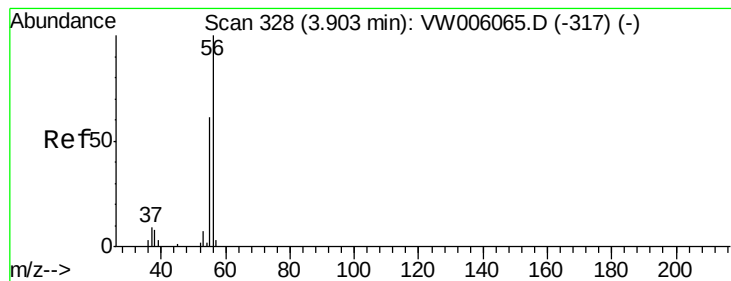
Ion Ratio Lower Upper

96 100

61 143.2 129.3 193.9

98 63.7 53.1 79.7





#13

Acrolein

Concen: 225.398 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

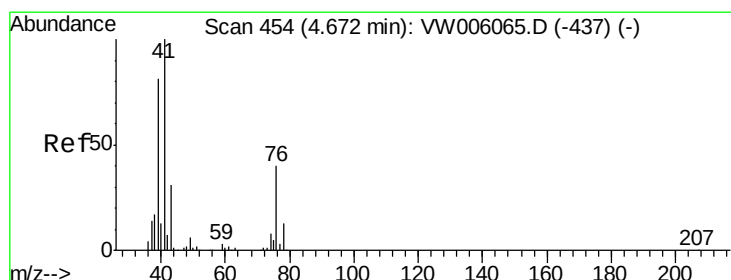
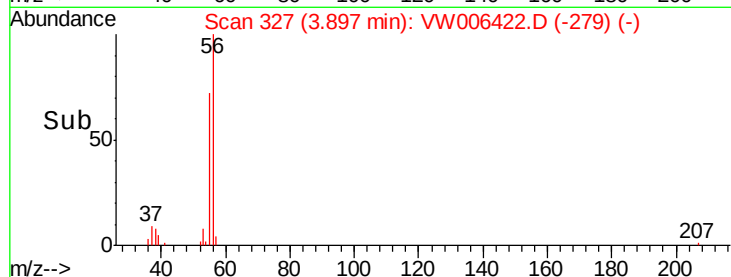
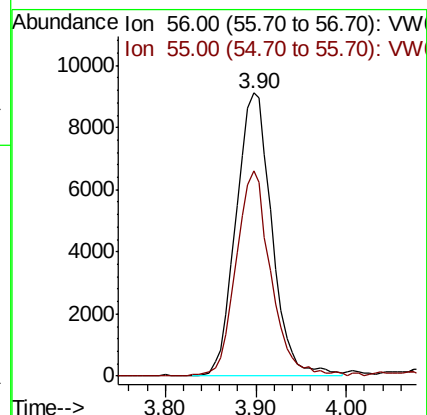
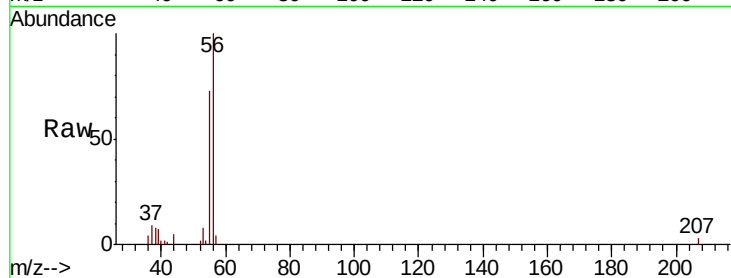
BFB

Tgt Ion: 56 Resp: 25020

Ion Ratio Lower Upper

56 100

55 70.2 54.5 81.7



#14

Allyl chloride

Concen: 54.466 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

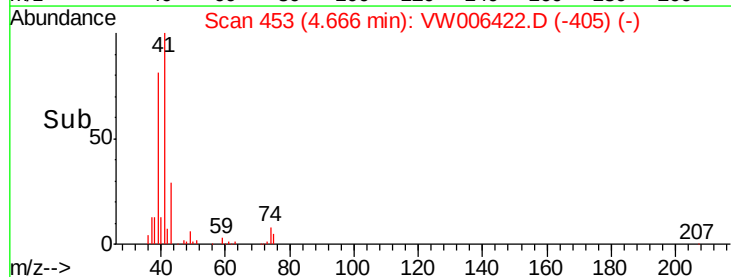
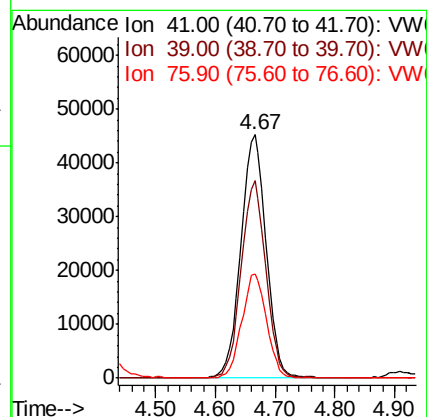
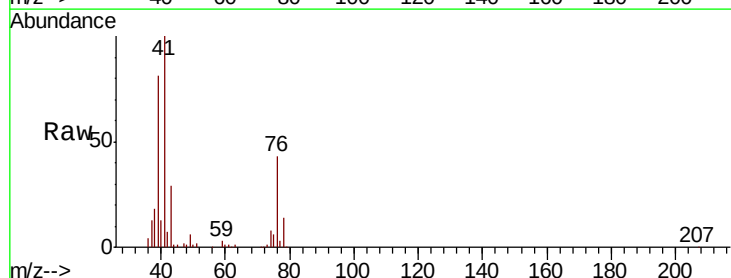
Tgt Ion: 41 Resp: 133875

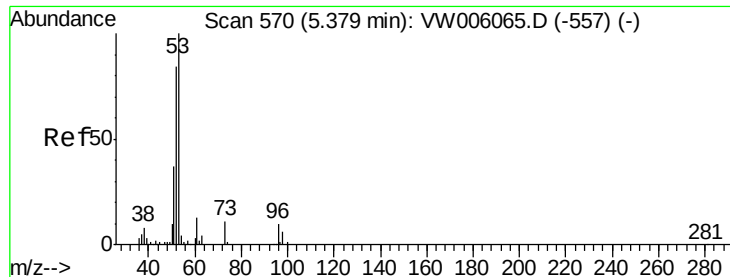
Ion Ratio Lower Upper

41 100

39 78.6 64.1 96.1

76 41.7 32.2 48.4

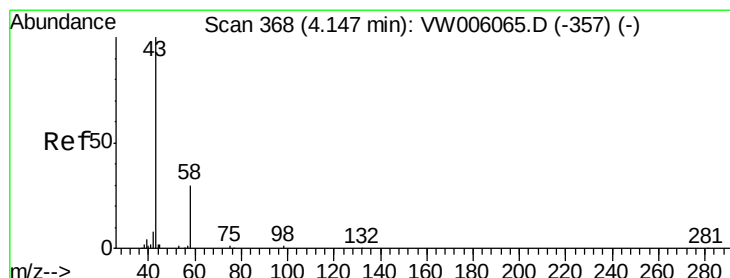
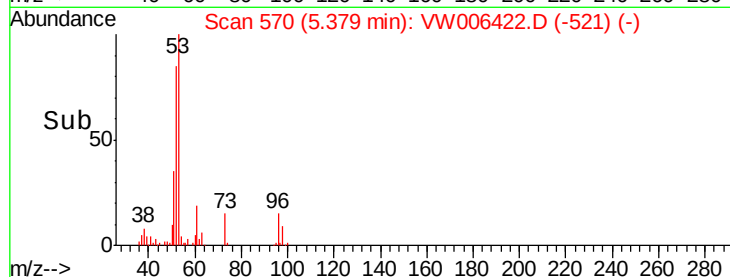
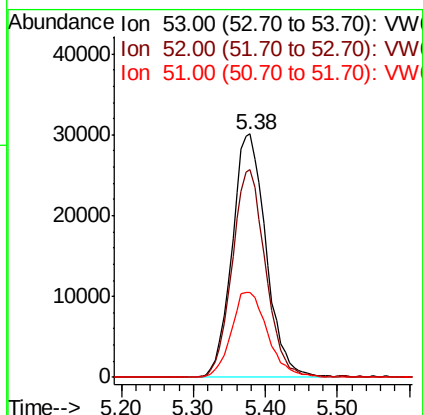
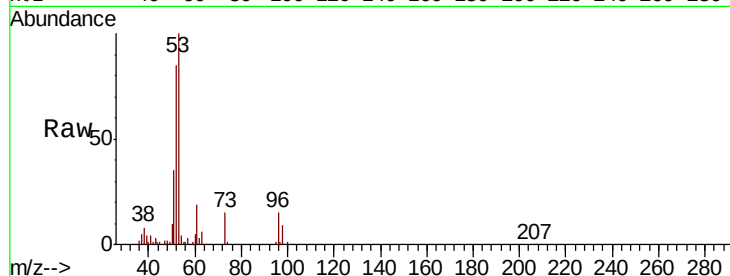




#15
 Acrylonitrile
 Concen: 296.775 ug/l
 RT: 5.38 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

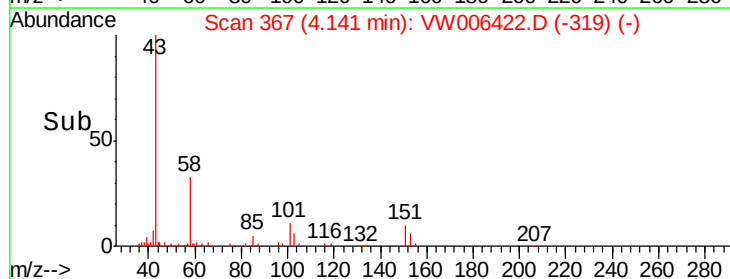
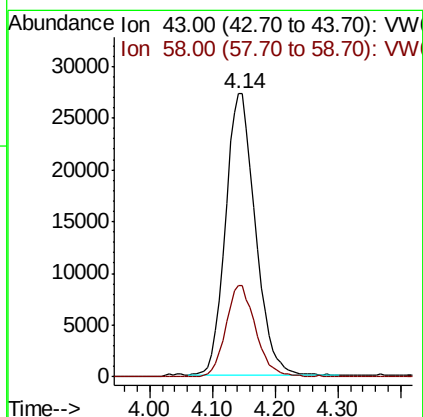
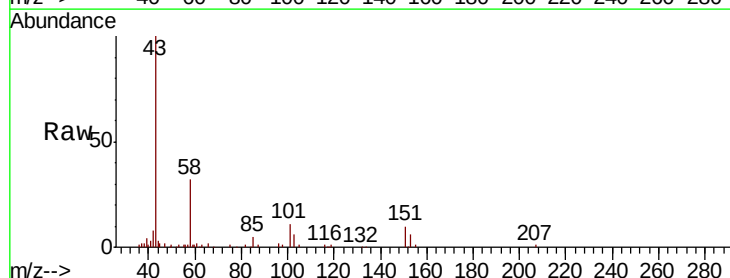
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

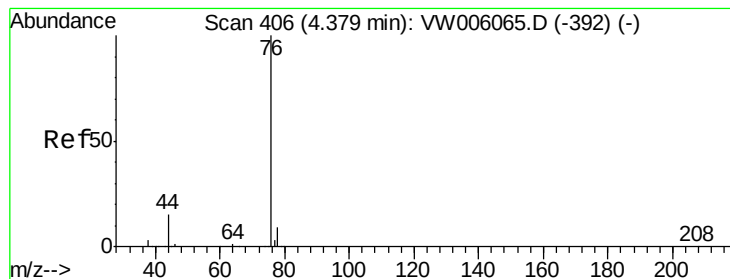
Tgt Ion: 53 Resp: 98635
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.9 100.3
 51 37.6 30.1 45.1



#16
 Acetone
 Concen: 282.600 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 43 Resp: 89815
 Ion Ratio Lower Upper
 43 100
 58 32.4 24.0 36.0





#17

Carbon Disulfide

Concen: 50.515 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

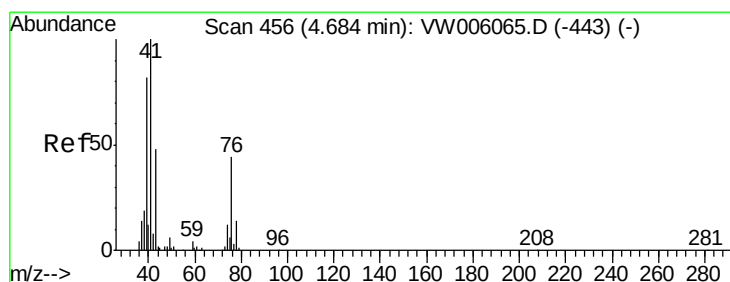
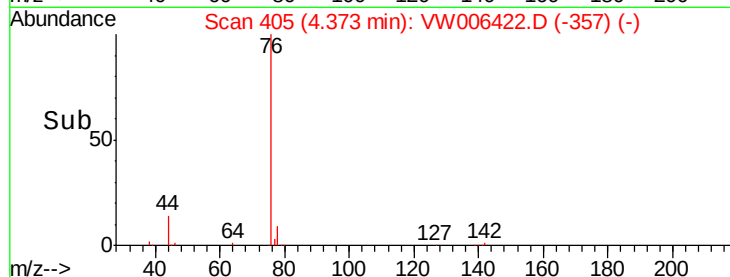
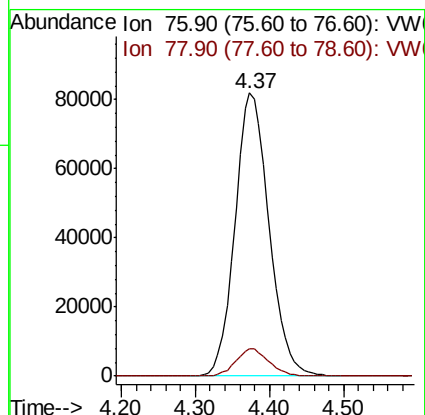
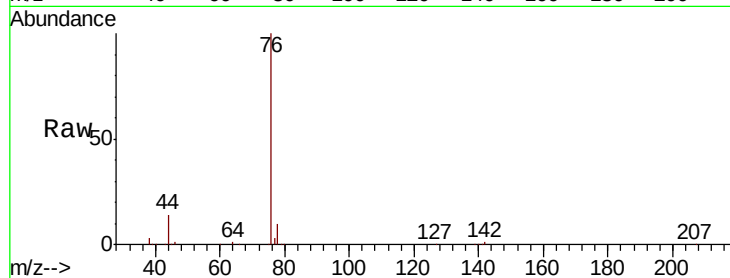
BFB

Tgt Ion: 76 Resp: 262080

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3



#18

Methyl Acetate

Concen: 56.819 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006422.D

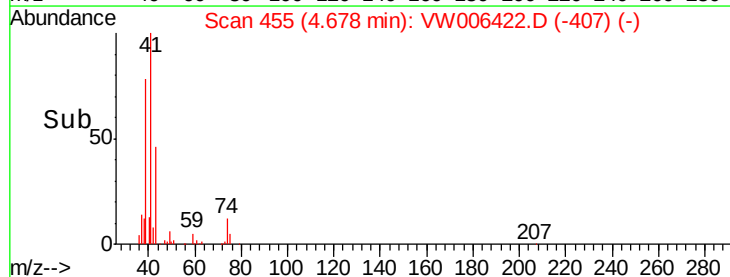
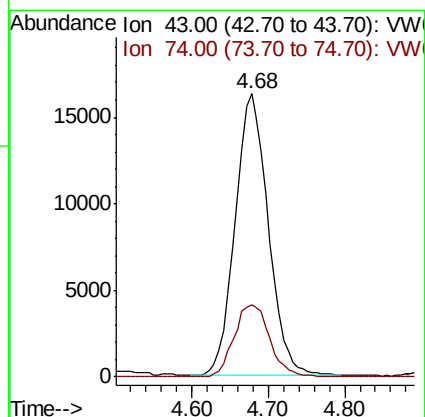
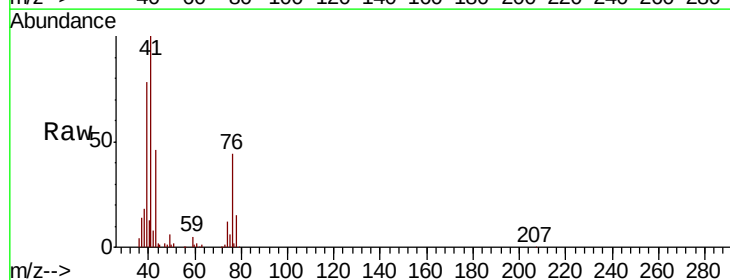
Acq: 27 Oct 2018 00:06

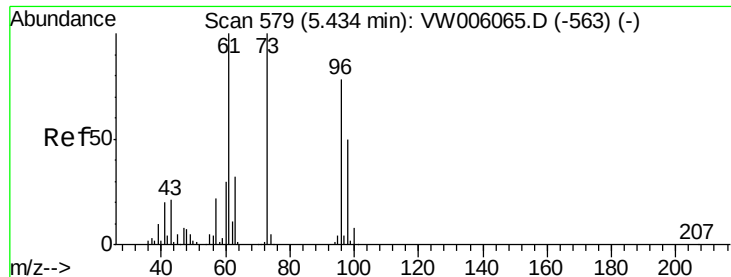
Tgt Ion: 43 Resp: 48773

Ion Ratio Lower Upper

43 100

74 27.5 20.5 30.7

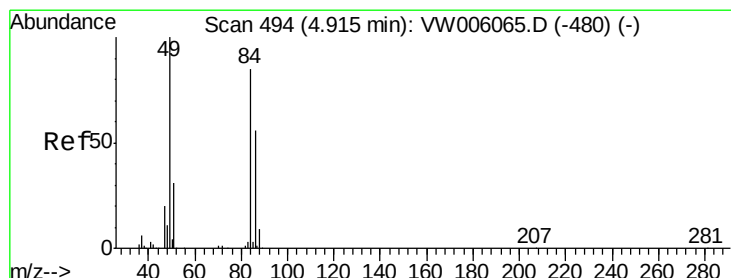
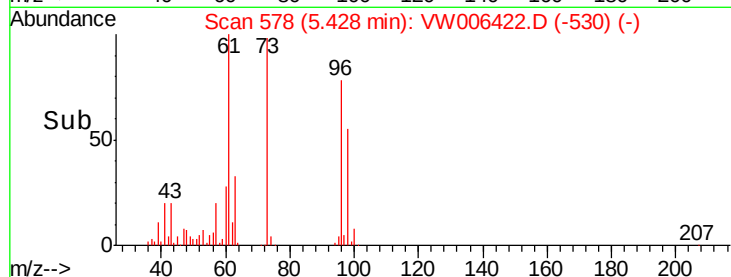
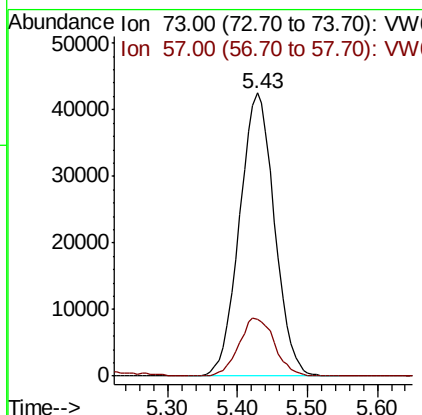
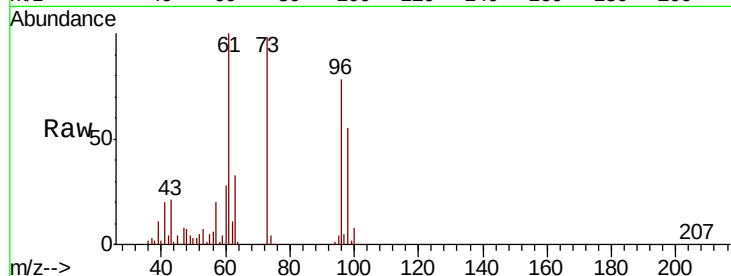




#19
Methyl tert-butyl Ether
Concen: 56.306 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

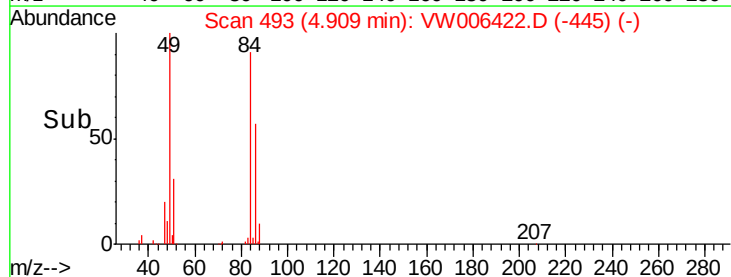
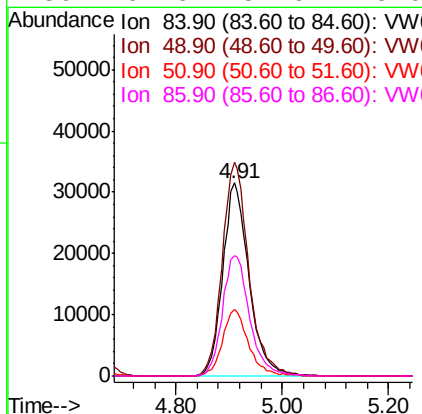
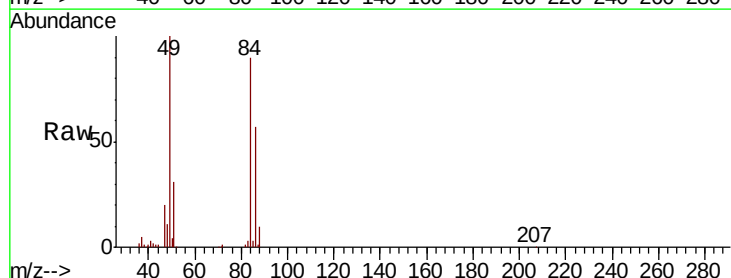
Instrument :
MSVOA_W
ClientSampleId :
BFB

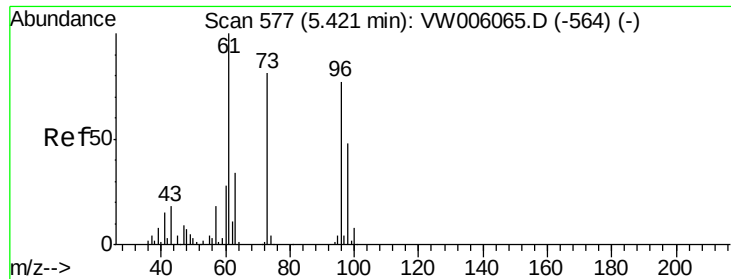
Tgt Ion: 73 Resp: 147425
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.2



#20
Methylene Chloride
Concen: 60.509 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 84 Resp: 108591
Ion Ratio Lower Upper
84 100
49 110.8 93.6 140.4
51 34.3 29.0 43.4
86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 58.678 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

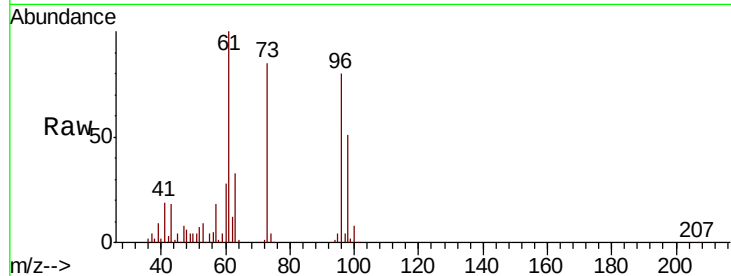
Tgt Ion: 96 Resp: 112590

Ion Ratio Lower Upper

96 100

61 125.4 104.5 156.7

98 63.8 50.6 75.8

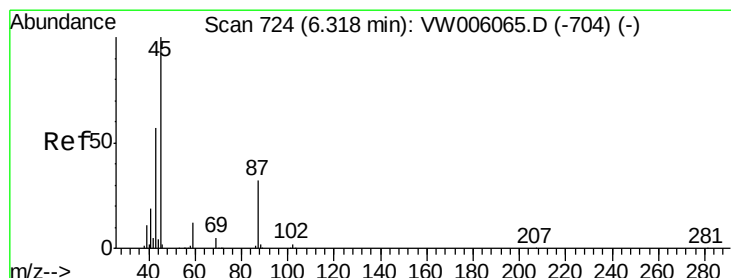
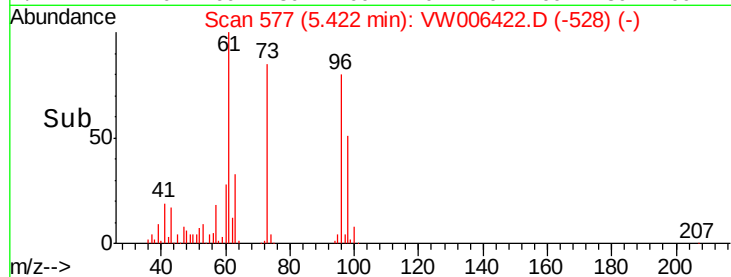
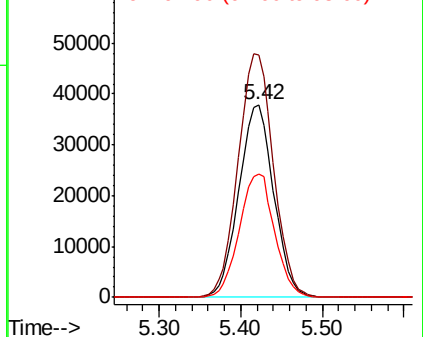


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 58.761 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion: 45 Resp: 285419

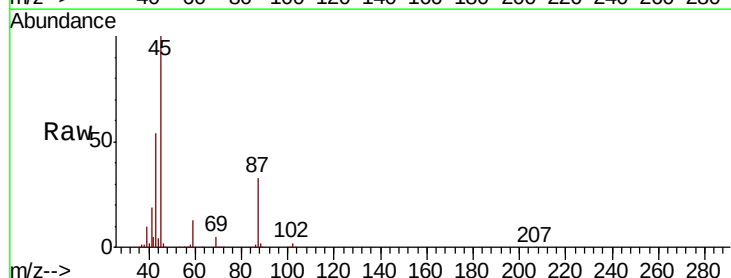
Ion Ratio Lower Upper

45 100

43 53.5 45.7 68.5

87 33.4 25.9 38.9

59 12.4 9.6 14.4



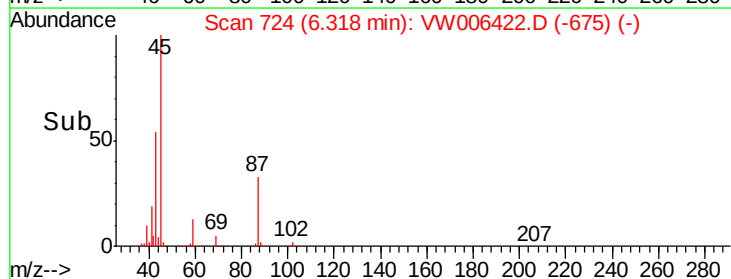
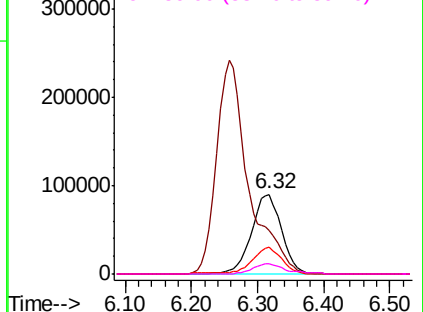
Abundance

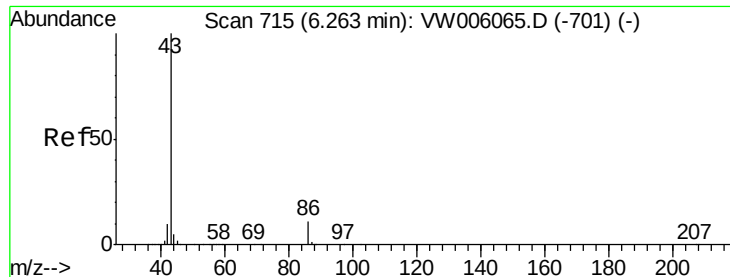
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 284.128 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

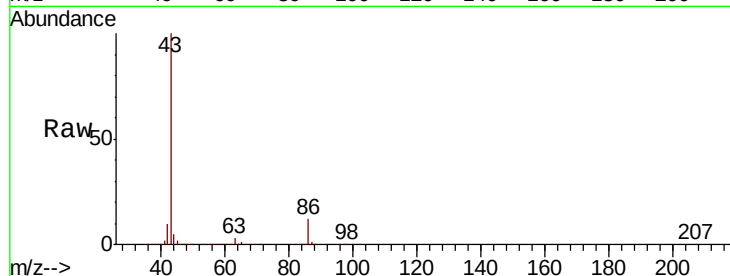
BFB

Tgt Ion: 43 Resp: 814468

Ion Ratio Lower Upper

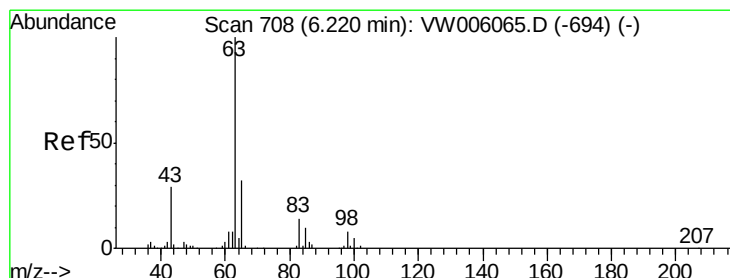
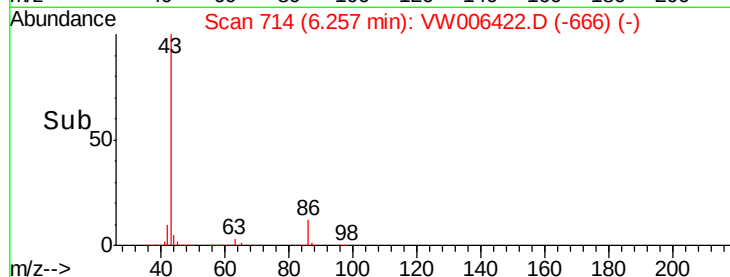
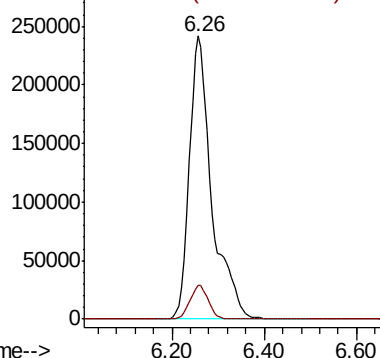
43 100

86 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 60.275 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

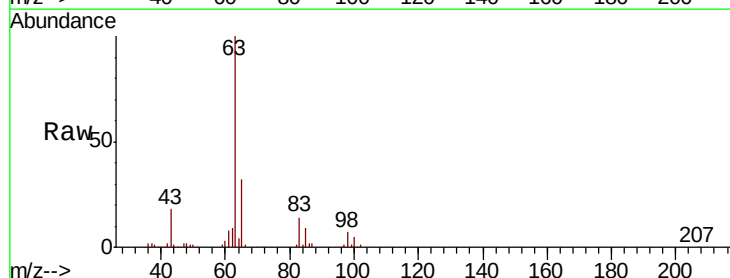
Tgt Ion: 63 Resp: 188915

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

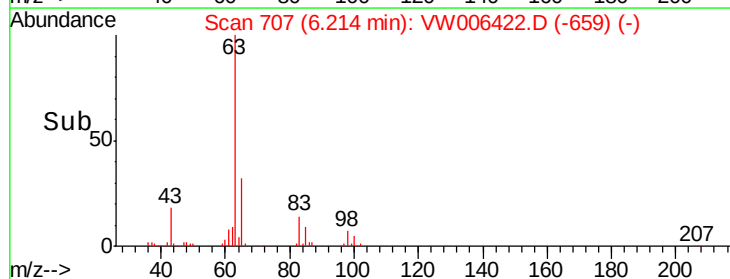
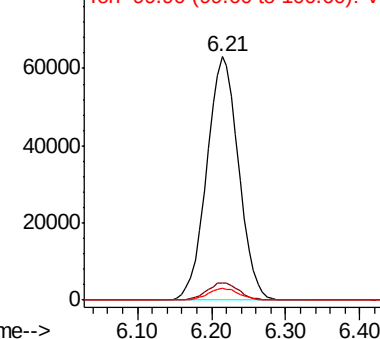
100 5.0 2.5 7.5

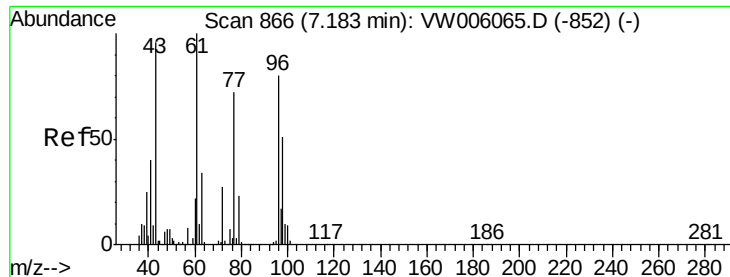


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 282.867 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

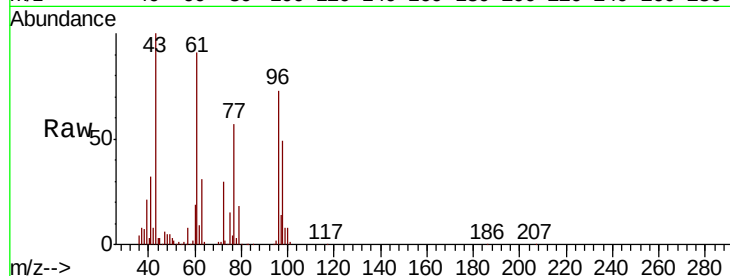
BFB

Tgt Ion: 43 Resp: 130344

Ion Ratio Lower Upper

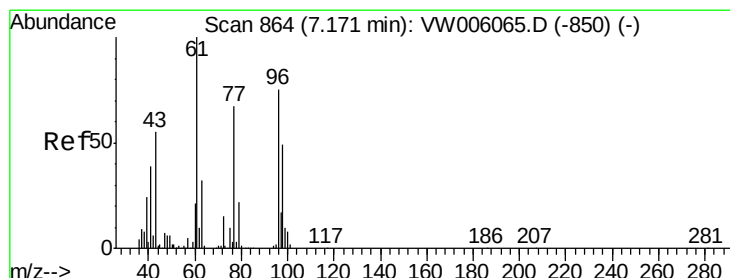
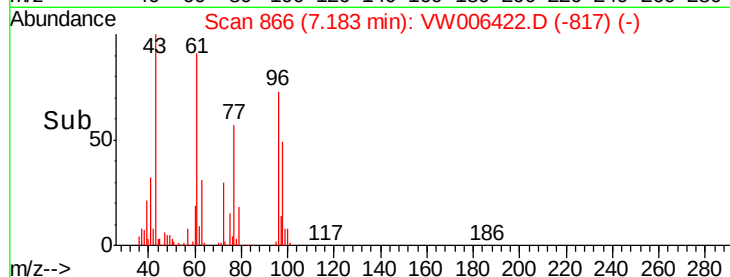
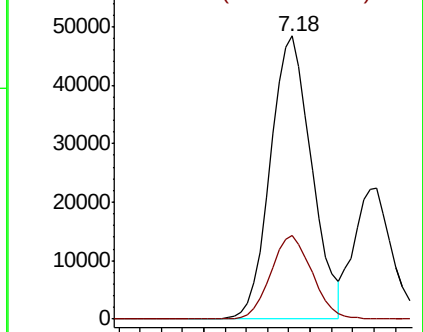
43 100

72 29.8 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 50.609 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006422.D

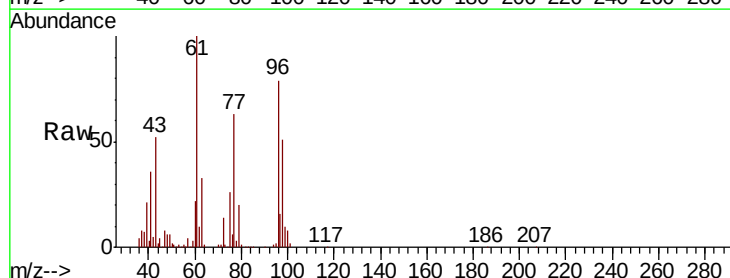
Acq: 27 Oct 2018 00:06

Tgt Ion: 77 Resp: 111873

Ion Ratio Lower Upper

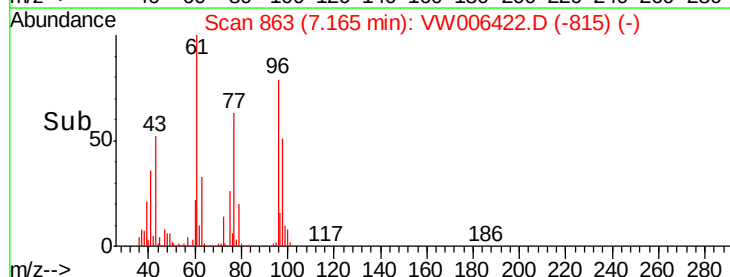
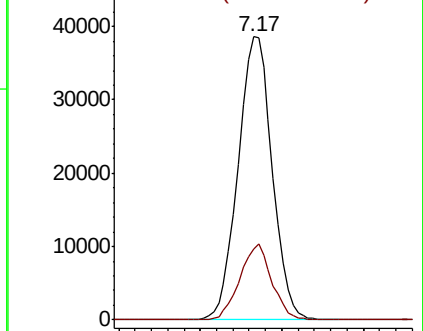
77 100

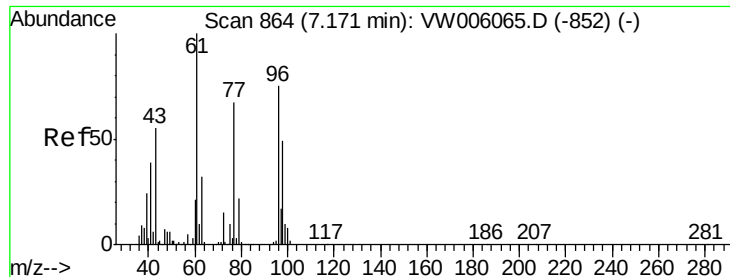
97 24.9 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



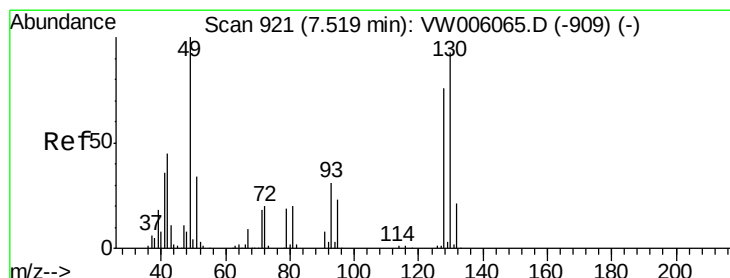
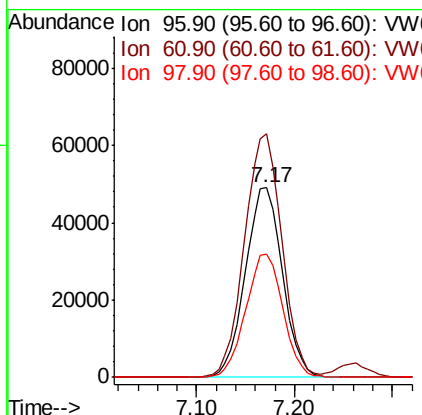
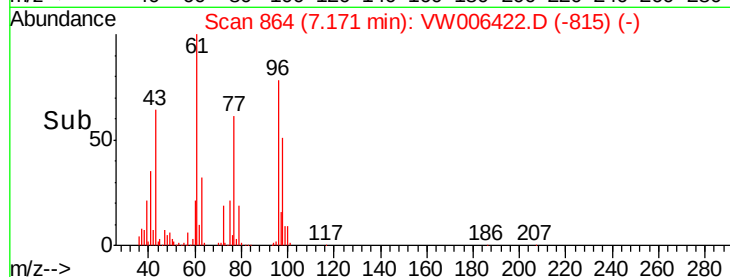
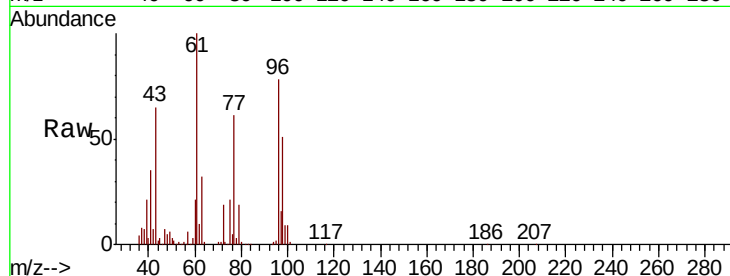


#27

cis-1,2-Dichloroethene
Concen: 61.286 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
BFB

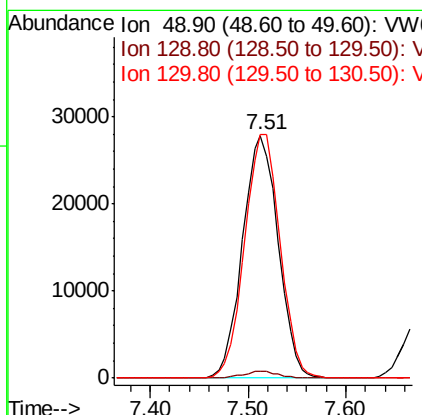
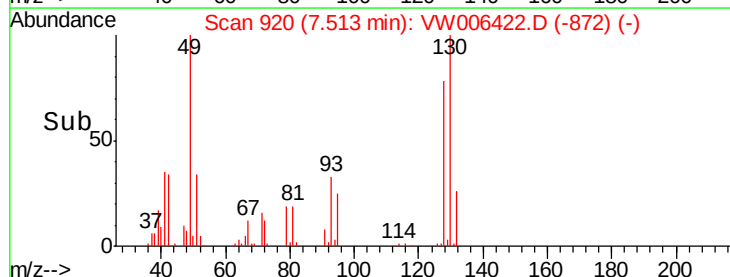
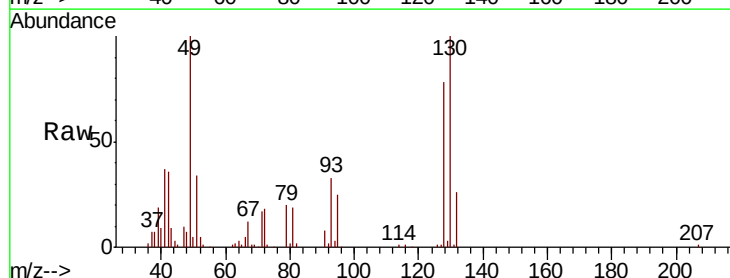
Tgt Ion	Resp	Lower	Upper
96	129769		
96	100		
61	129.6	0.0	267.2
98	65.0	0.0	128.6

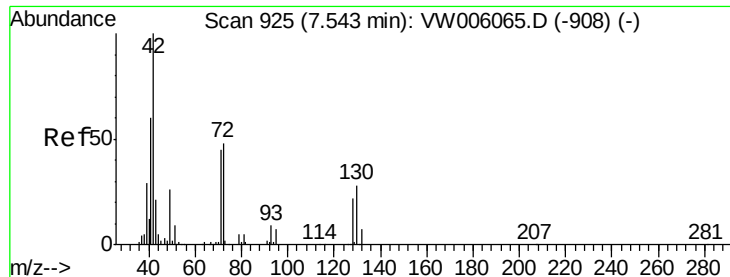


#28

Bromochloromethane
Concen: 58.236 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion	Resp	Lower	Upper
49	70465		
49	100		
129	2.7	0.0	5.0
130	99.7	73.8	110.8

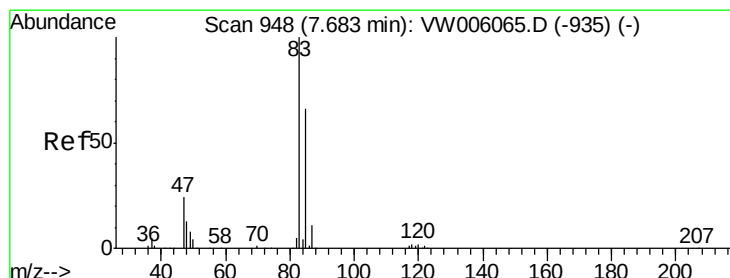
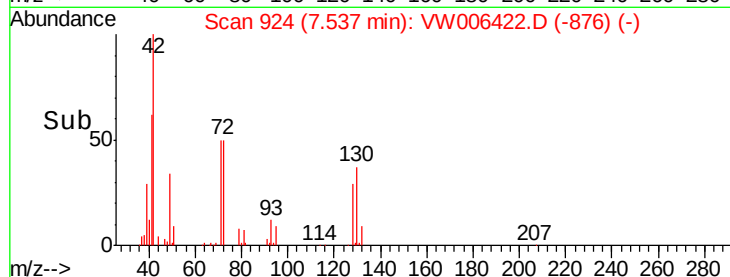
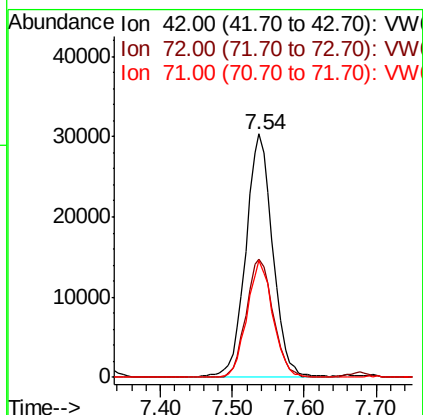
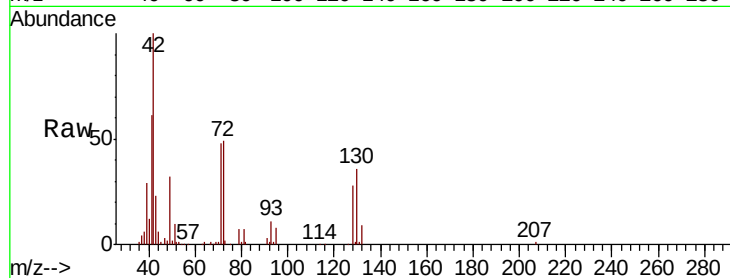




#29
Tetrahydrofuran
Concen: 279.331 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

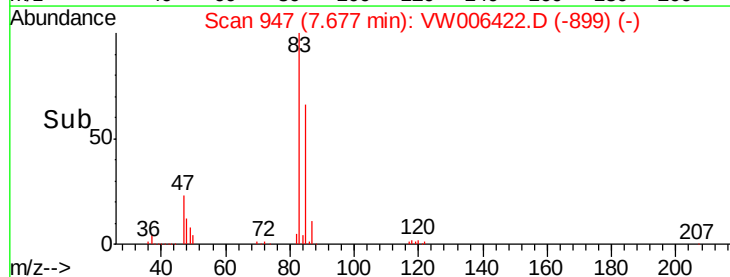
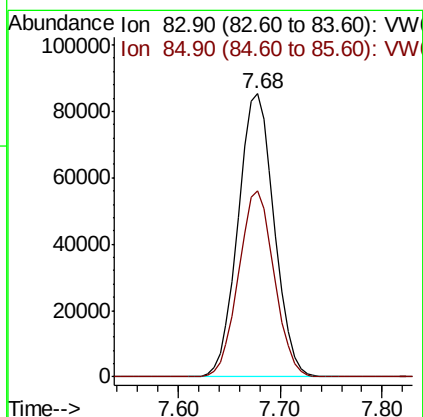
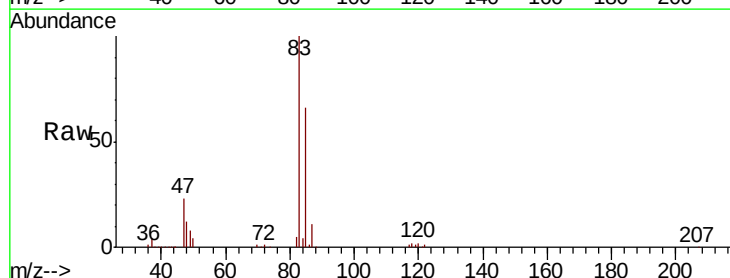
Instrument :
MSVOA_W
ClientSampled :
BFB

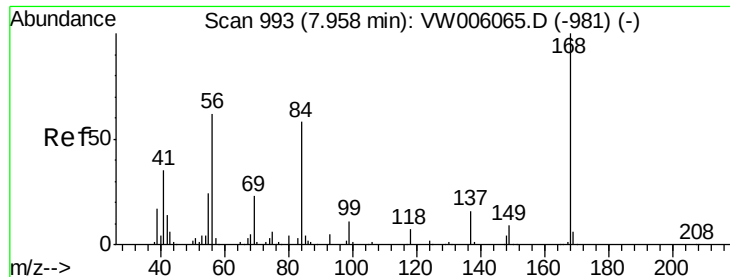
Tgt Ion: 42 Resp: 79118
Ion Ratio Lower Upper
42 100
72 48.6 38.0 57.0
71 45.9 35.3 52.9



#30
Chloroform
Concen: 61.328 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 83 Resp: 209420
Ion Ratio Lower Upper
83 100
85 65.6 52.6 79.0

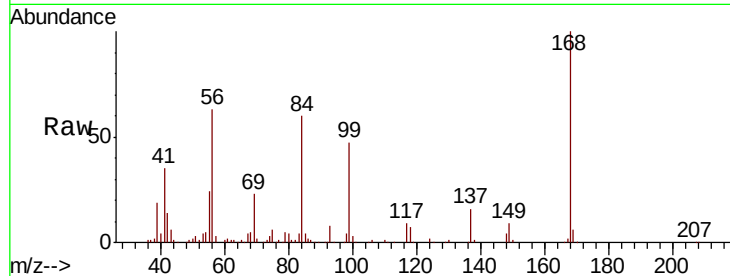




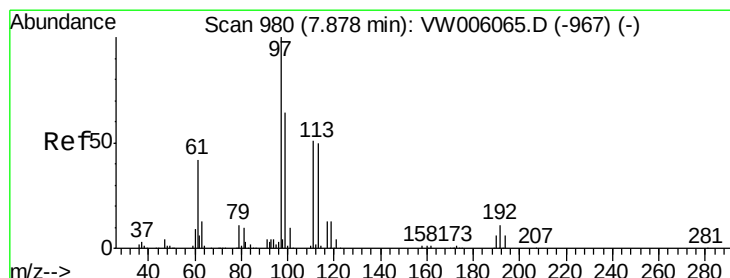
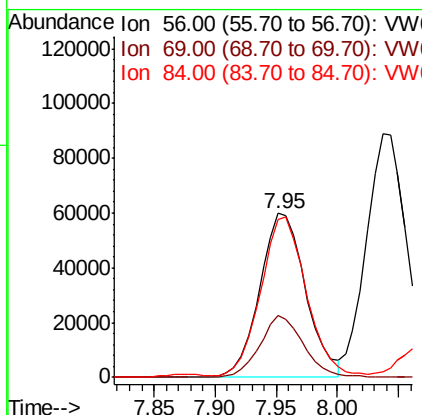
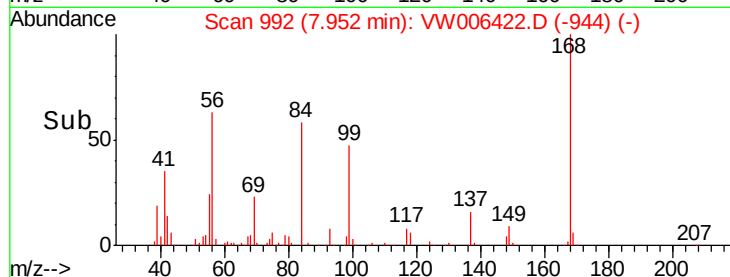
#31
Cyclohexane
Concen: 50.203 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 56 Resp: 156694
Ion Ratio Lower Upper
56 100
69 37.4 29.4 44.0
84 94.2 74.0 111.0

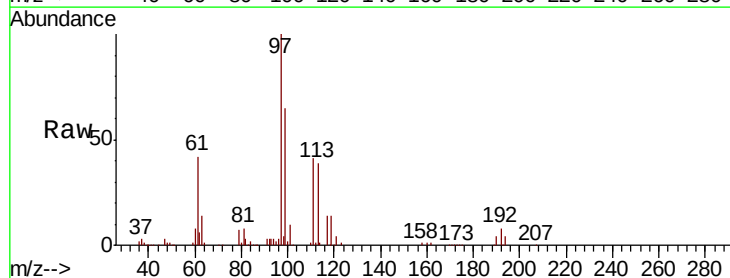


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

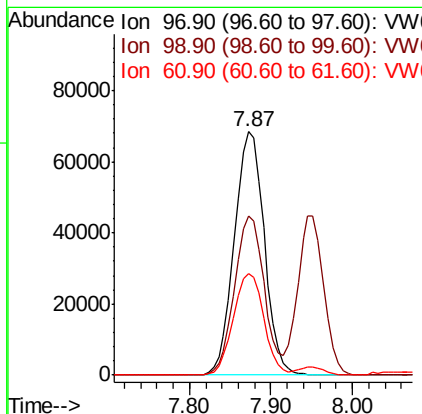
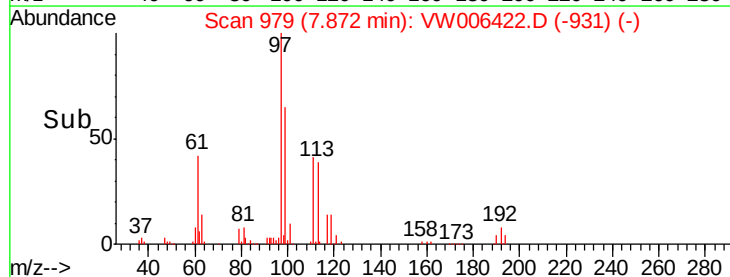


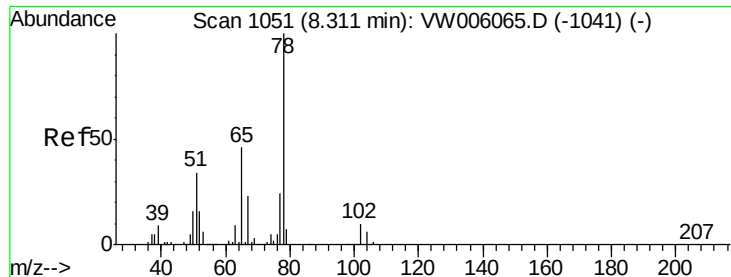
#32
1,1,1-Trichloroethane
Concen: 56.462 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 97 Resp: 173920
Ion Ratio Lower Upper
97 100
99 65.2 50.9 76.3
61 42.4 33.7 50.5



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

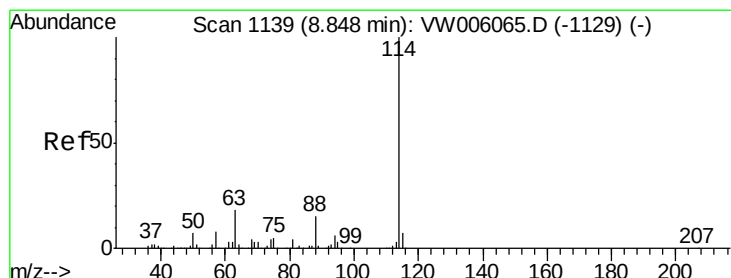
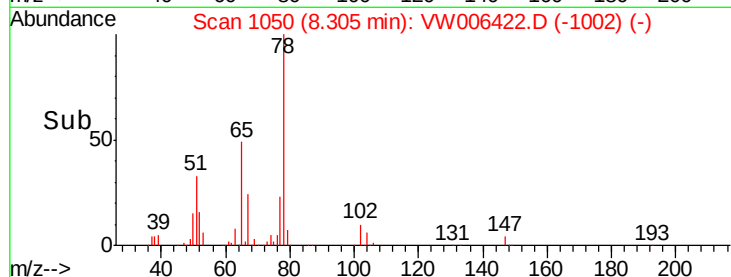
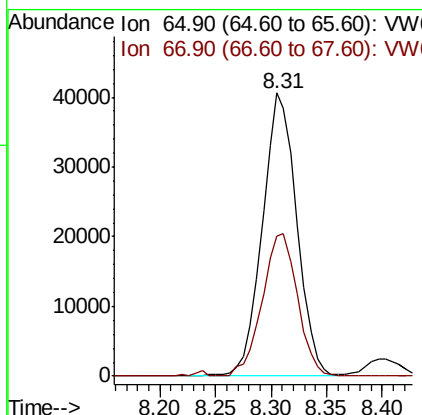
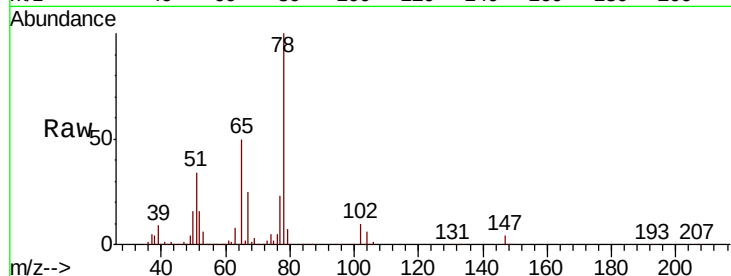




#33
 1,2-Dichloroethane-d4
 Concen: 51.247 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

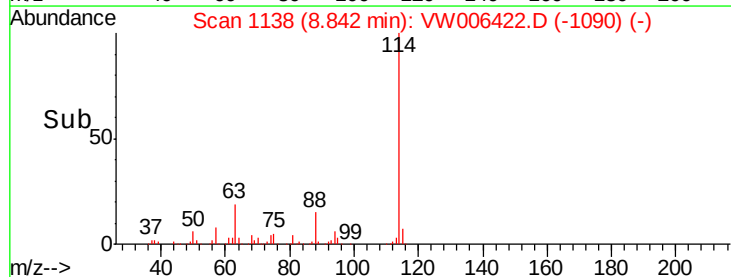
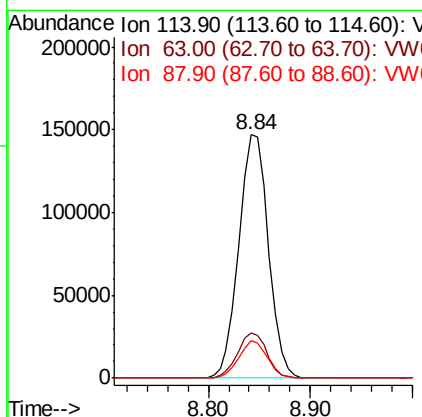
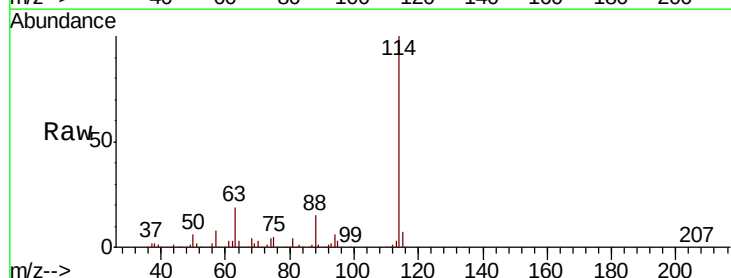
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

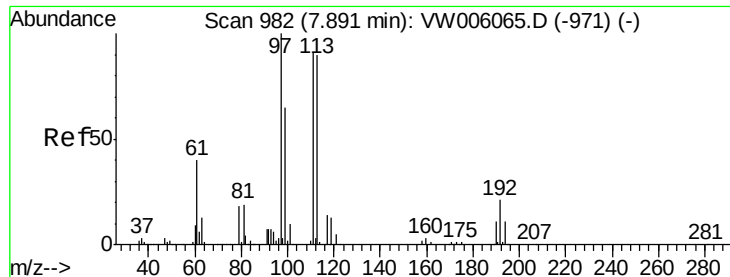
Tgt Ion: 65 Resp: 87412
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 114 Resp: 295983
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.095 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

BFB

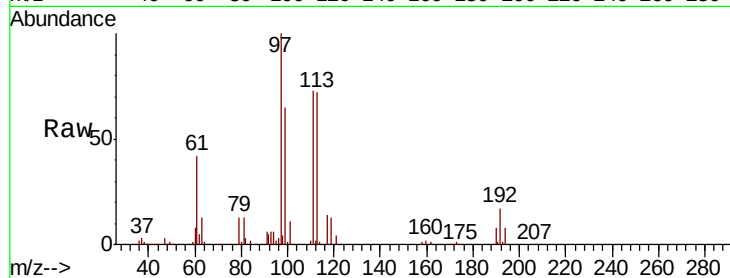
Tgt Ion:113 Resp: 91112

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

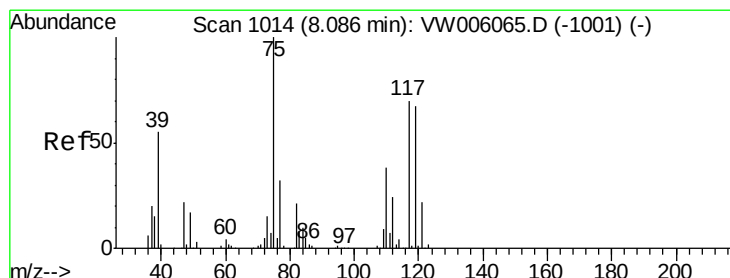
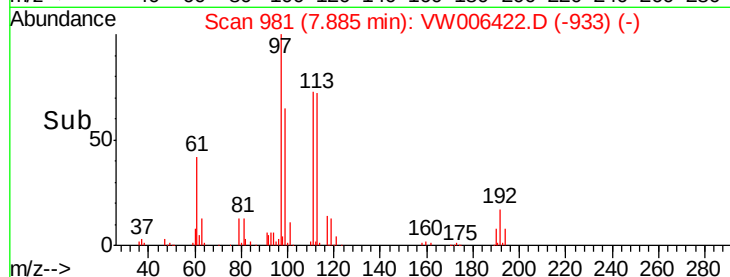
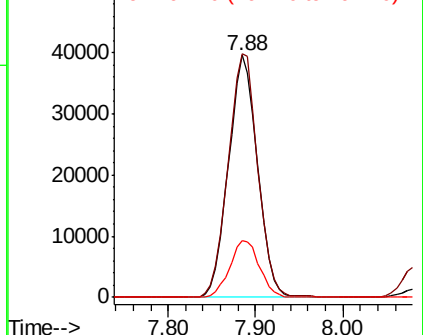
192 24.0 18.7 28.1



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: 57.558 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

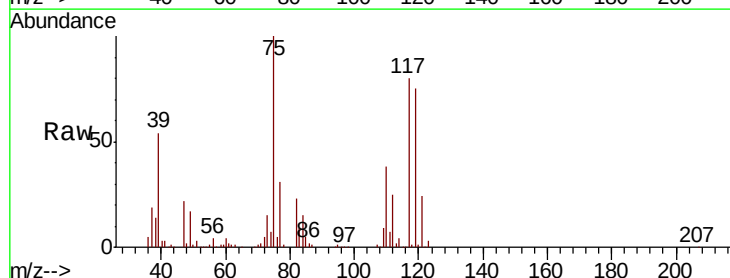
Tgt Ion: 75 Resp: 157027

Ion Ratio Lower Upper

75 100

110 38.8 19.1 57.1

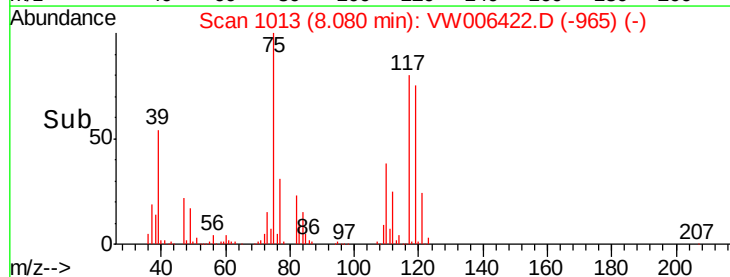
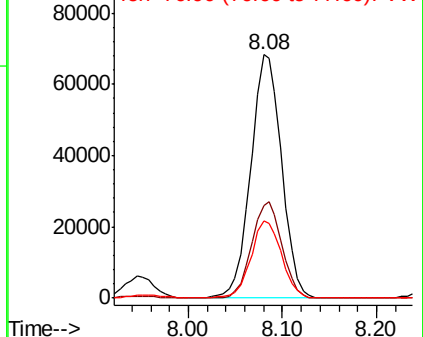
77 31.5 25.0 37.4

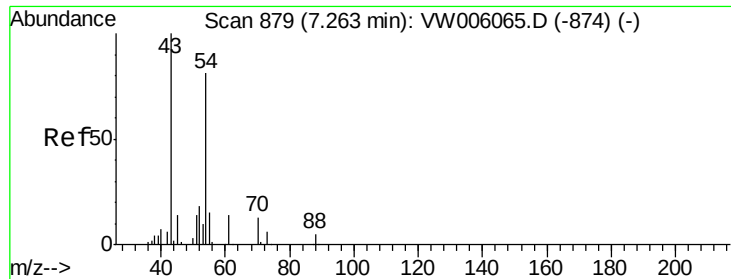


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

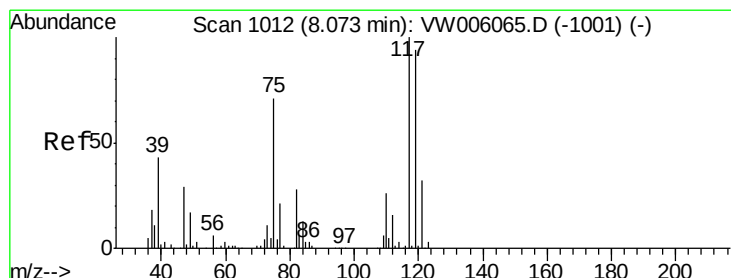
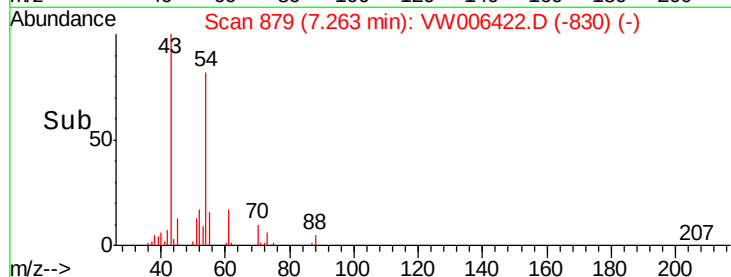
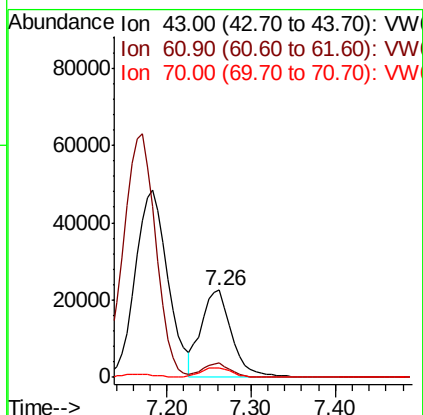
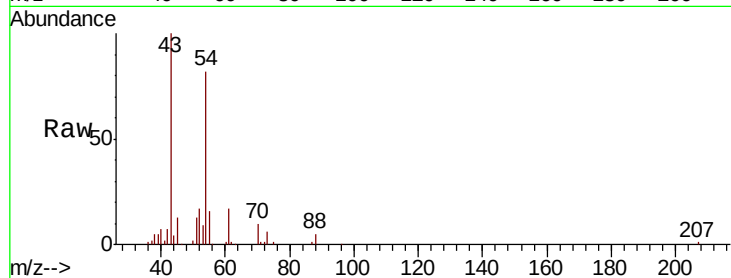




#37
 Ethyl Acetate
 Concen: 56.499 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

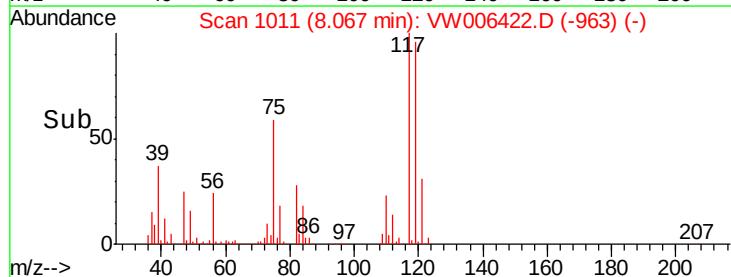
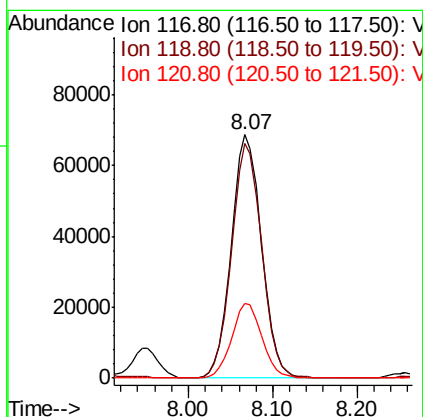
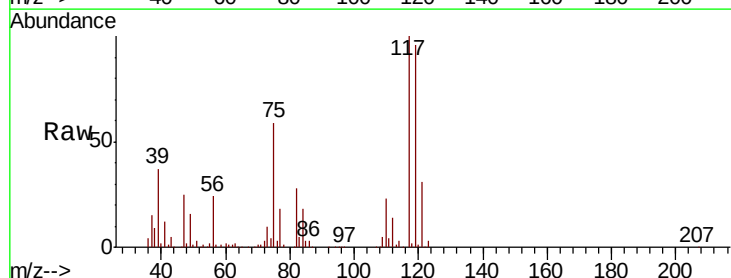
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

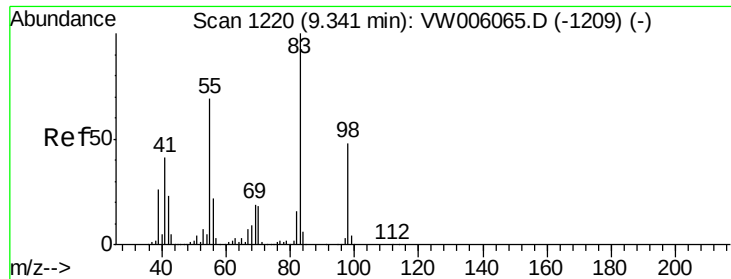
Tgt Ion: 43 Resp: 57268
 Ion Ratio Lower Upper
 43 100
 61 15.1 11.5 17.3
 70 11.1 9.2 13.8



#38
 Carbon Tetrachloride
 Concen: 55.704 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 117 Resp: 166594
 Ion Ratio Lower Upper
 117 100
 119 96.4 75.2 112.8
 121 30.8 25.3 37.9

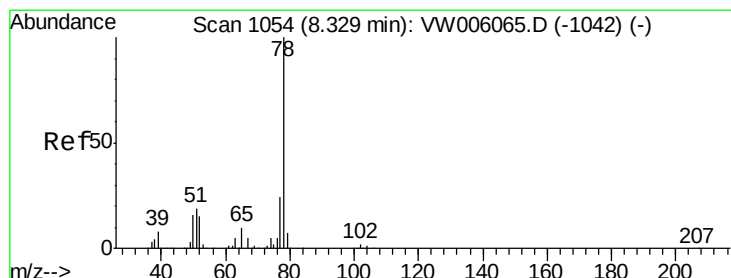
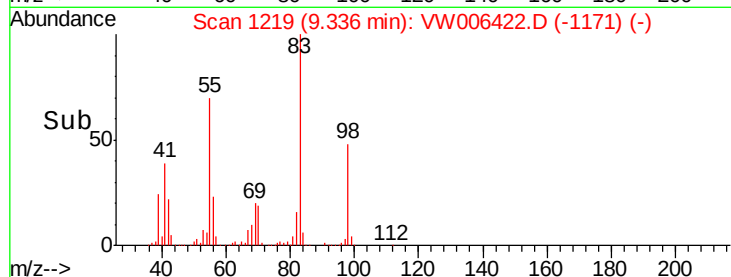
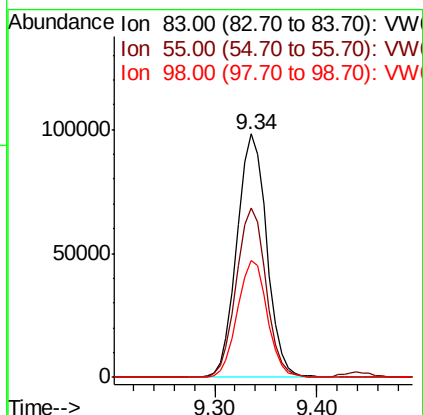
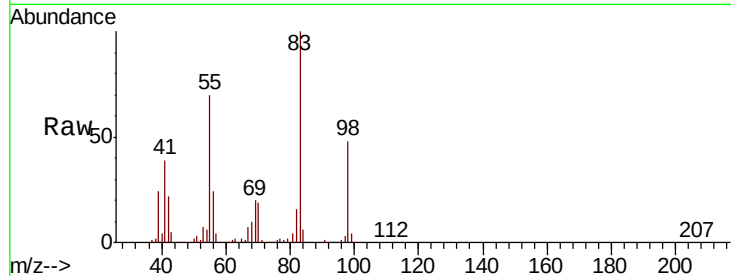




#39
Methylcyclohexane
Concen: 55.013 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

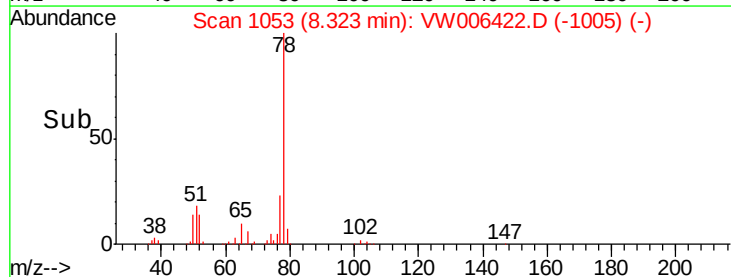
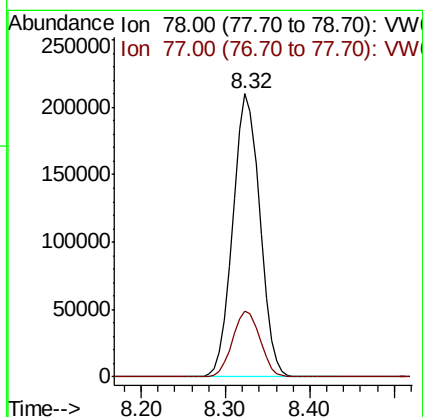
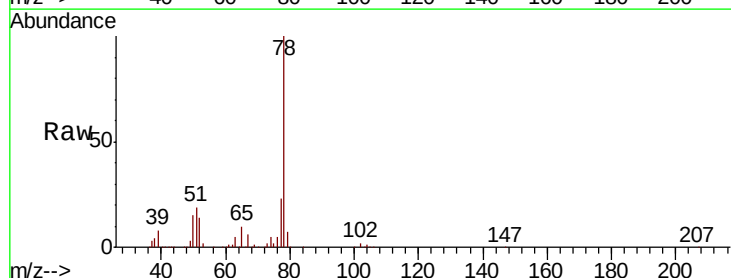
Instrument :
MSVOA_W
ClientSampled :
BFB

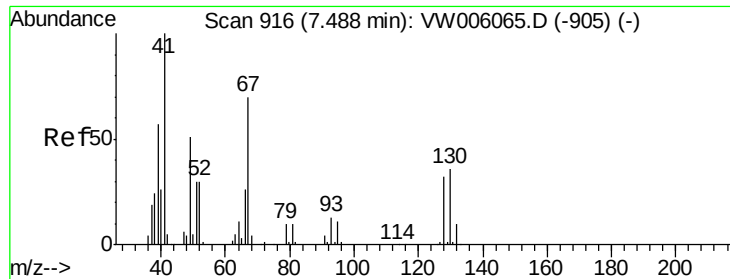
Tgt Ion: 83 Resp: 199500
Ion Ratio Lower Upper
83 100
55 69.8 55.0 82.6
98 47.8 38.6 57.8



#40
Benzene
Concen: 60.839 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 78 Resp: 455286
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0

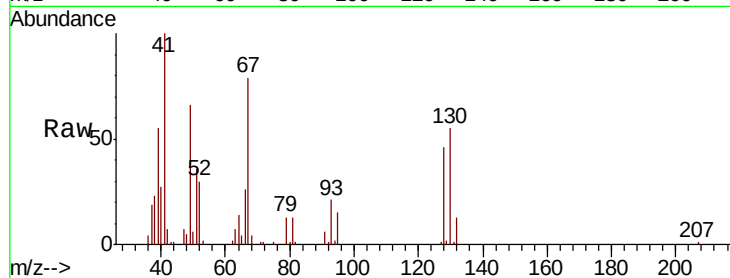




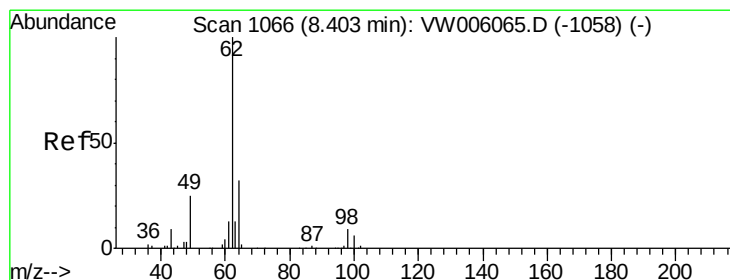
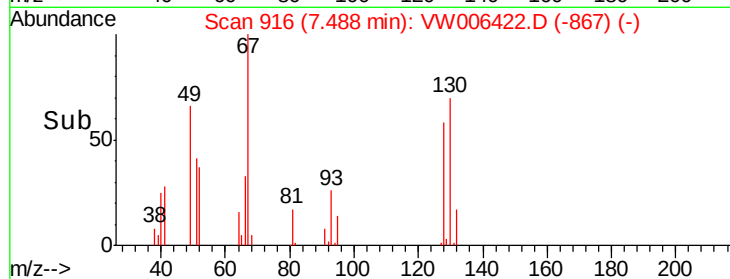
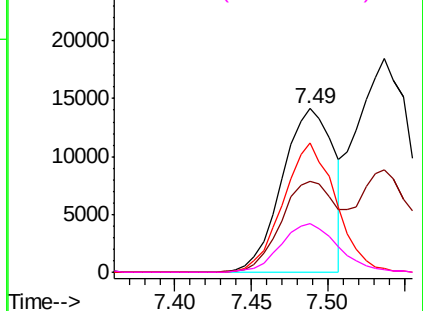
#41
Methacrylonitrile
Concen: 54.430 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:	41	Resp:	33259
Ion	Ratio	Lower	Upper
41	100		
39	62.6	46.2	69.4
67	80.5	57.7	86.5
52	32.9	24.7	37.1

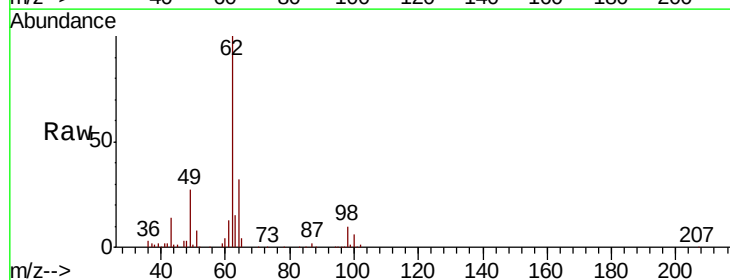


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

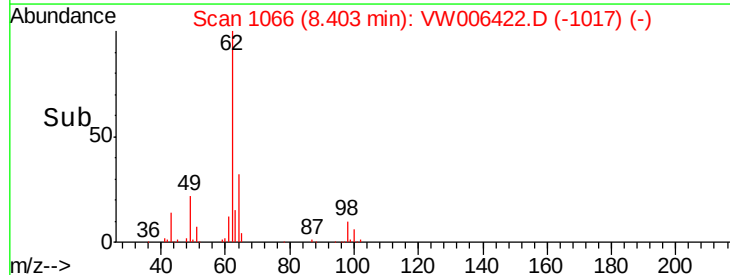
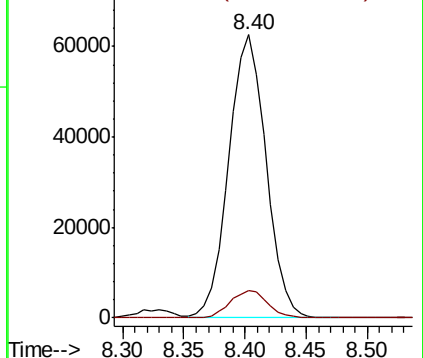


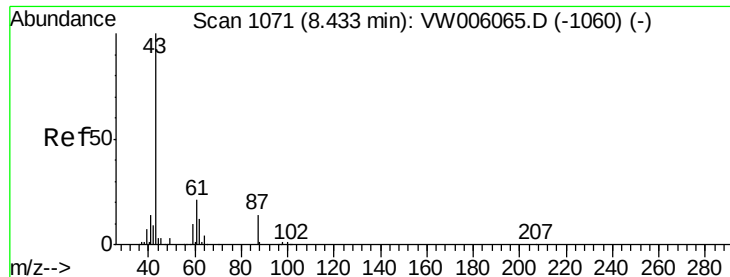
#42
1,2-Dichloroethane
Concen: 60.130 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:	62	Resp:	132205
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 54.690 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

BFB

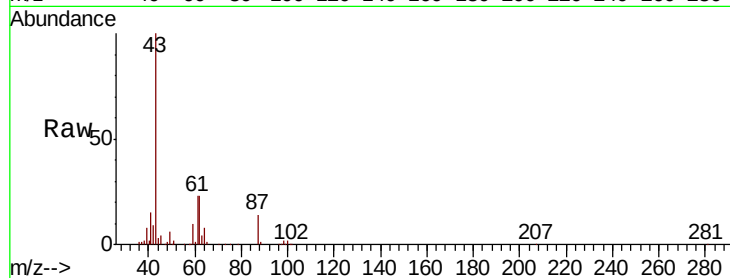
Tgt Ion: 43 Resp: 113343

Ion Ratio Lower Upper

43 100

61 32.6 25.5 38.3

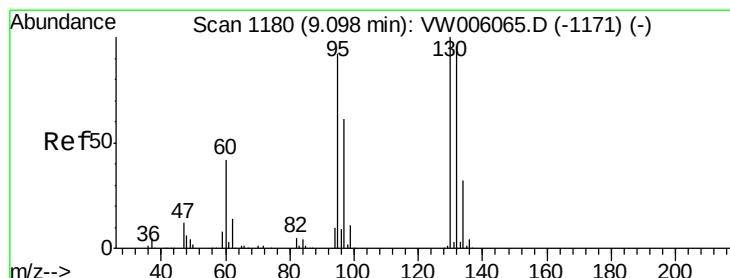
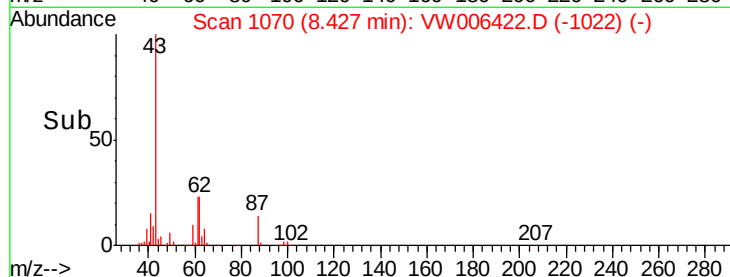
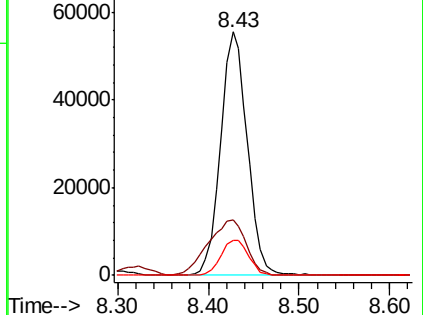
87 15.1 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 60.313 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006422.D

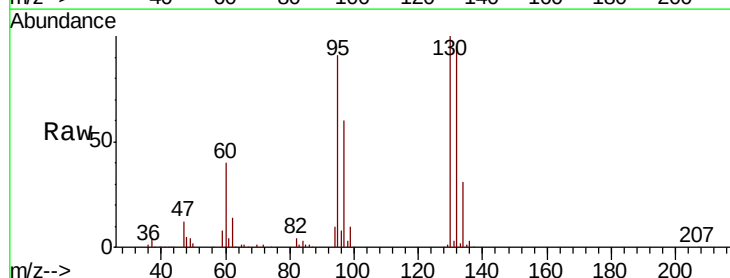
Acq: 27 Oct 2018 00:06

Tgt Ion: 130 Resp: 138475

Ion Ratio Lower Upper

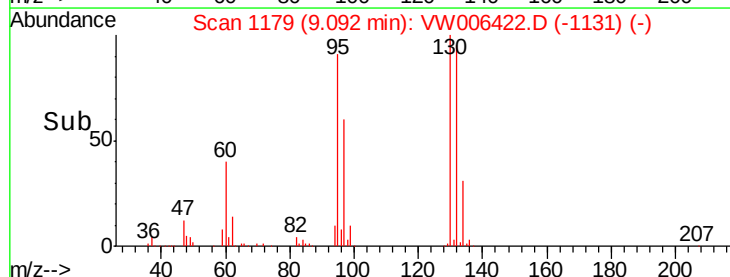
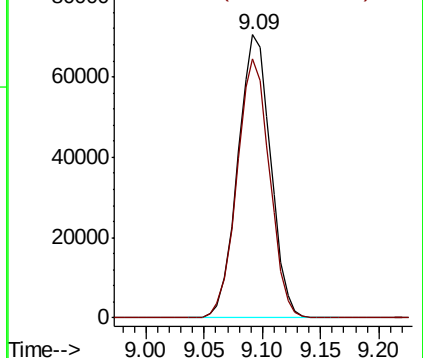
130 100

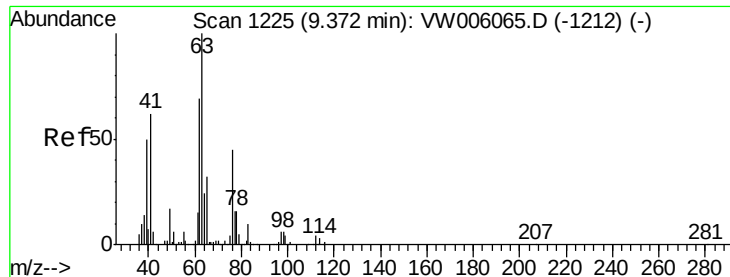
95 91.4 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

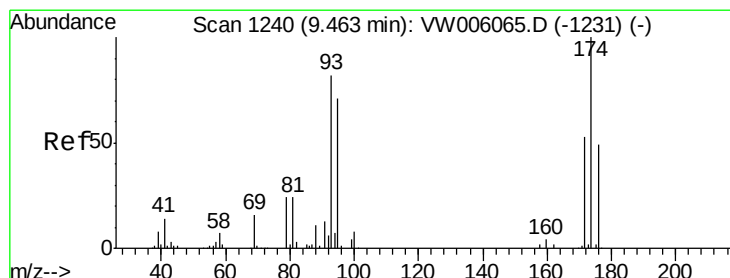
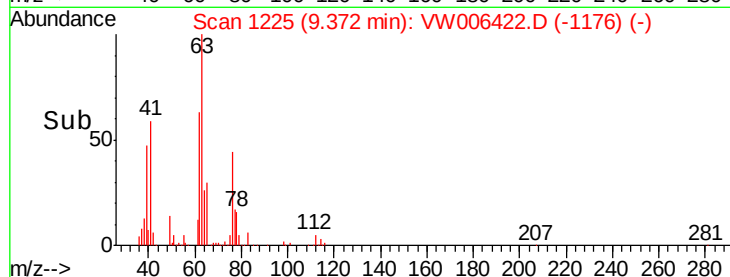
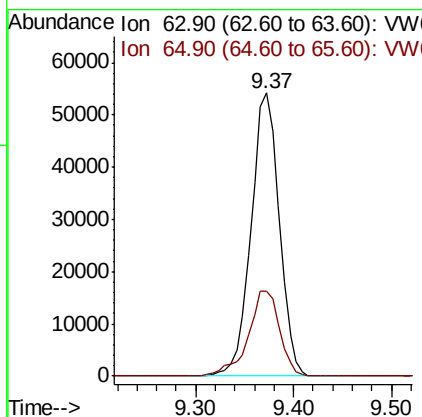
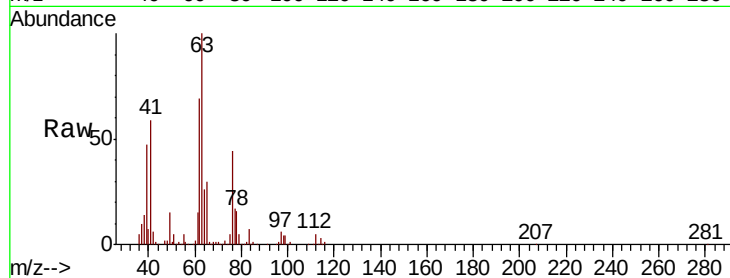




#45
 1,2-Dichloropropane
 Concen: 60.527 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

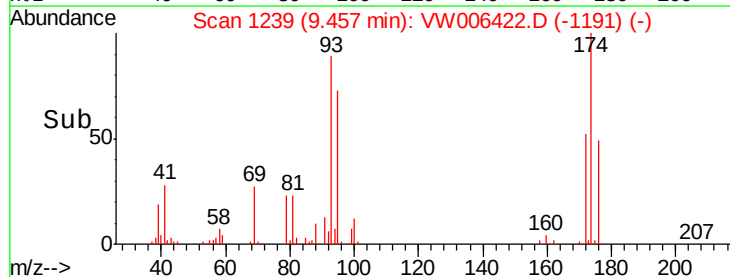
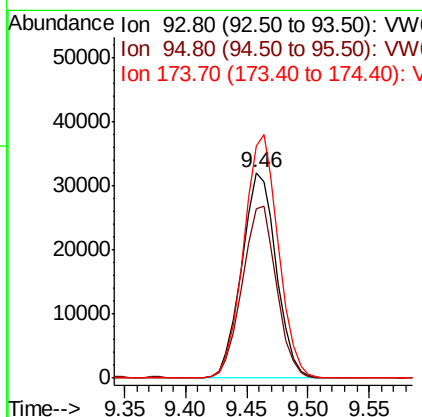
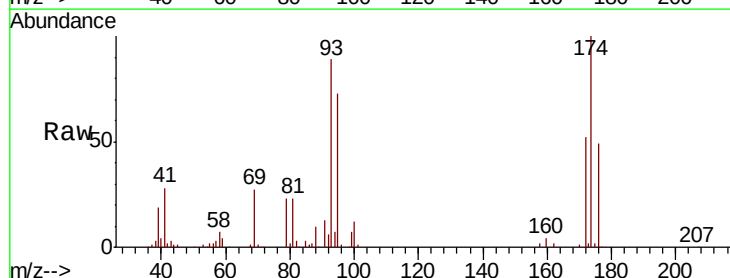
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

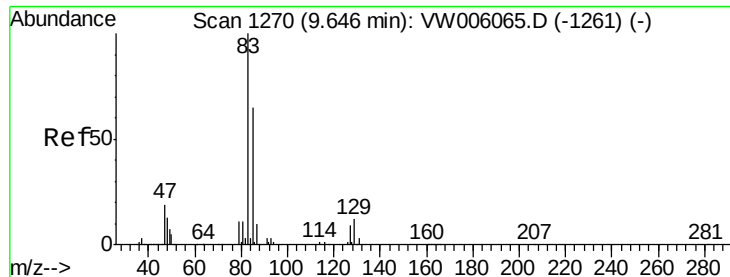
Tgt Ion: 63 Resp: 108389
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.4 38.0



#46
 Dibromomethane
 Concen: 61.625 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 93 Resp: 62897
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.7 101.5
 174 118.3 93.7 140.5





#47

Bromodichloromethane

Concen: 59.360 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

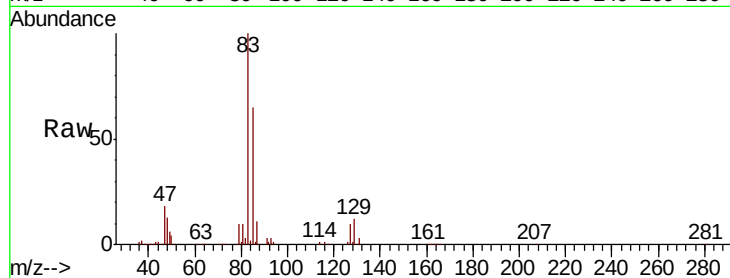
Tgt Ion: 83 Resp: 146887

Ion Ratio Lower Upper

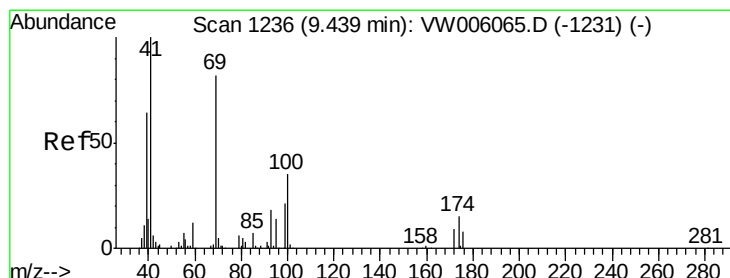
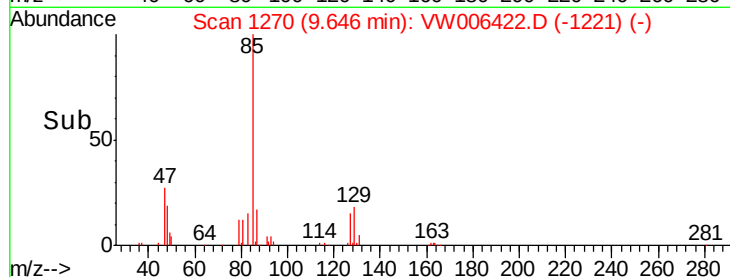
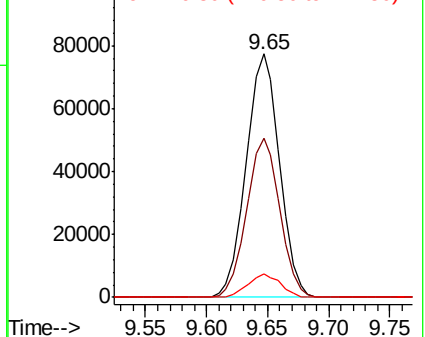
83 100

85 65.3 51.8 77.8

127 9.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 55.182 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

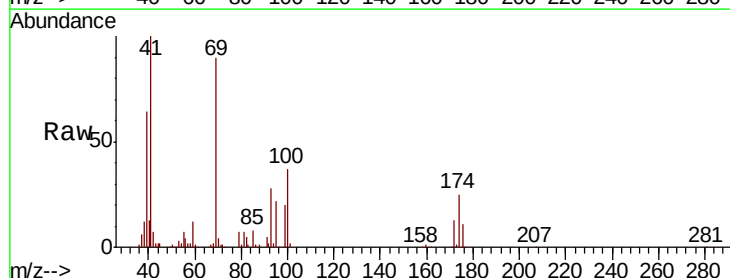
Tgt Ion: 41 Resp: 54209

Ion Ratio Lower Upper

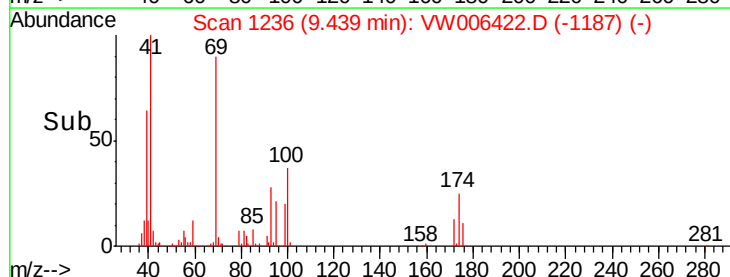
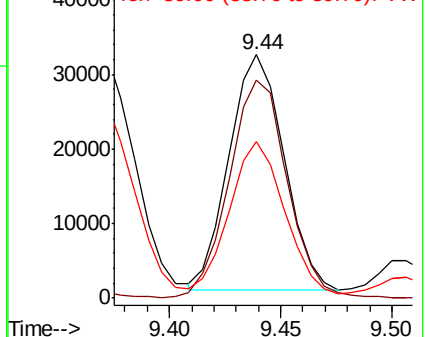
41 100

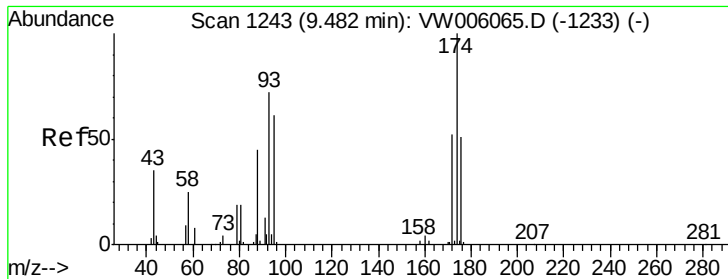
69 98.2 71.8 107.8

39 68.5 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1215.792 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

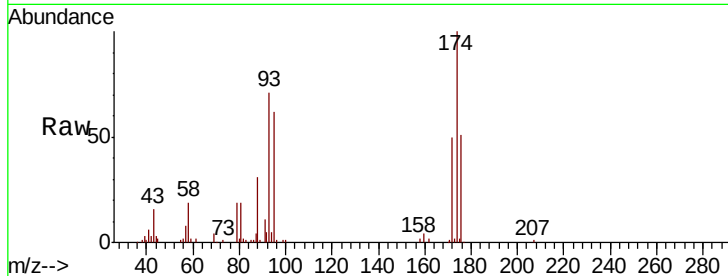
Tgt Ion: 88 Resp: 19103

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

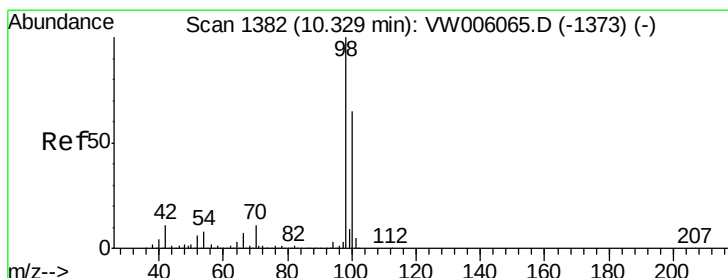
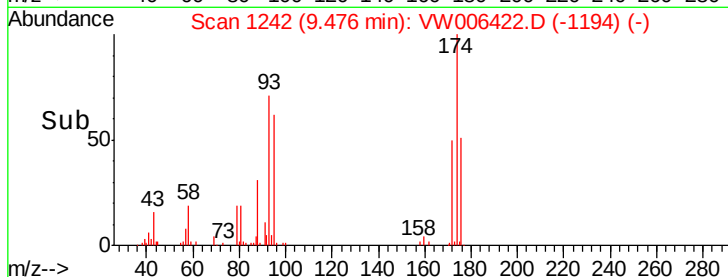
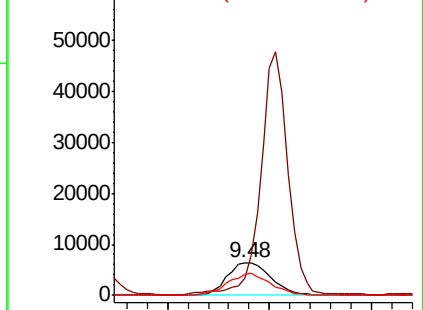
58 66.9 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.374 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006422.D

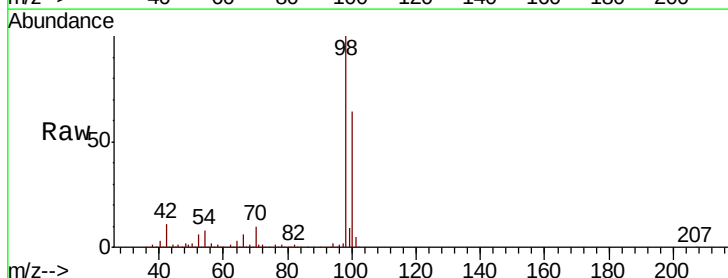
Acq: 27 Oct 2018 00:06

Tgt Ion: 98 Resp: 335184

Ion Ratio Lower Upper

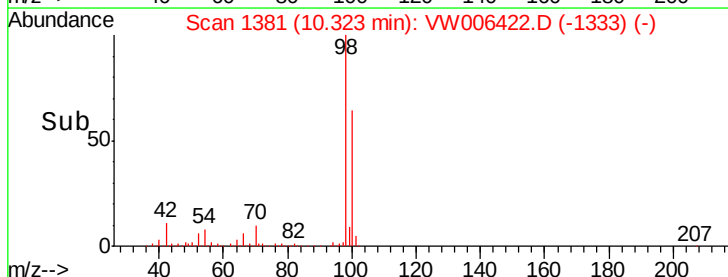
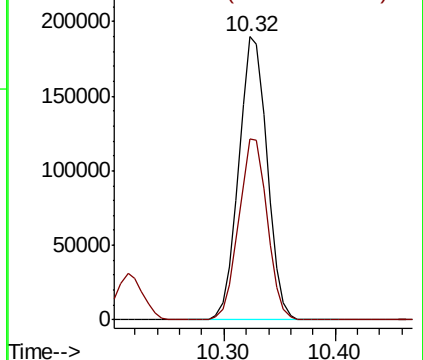
98 100

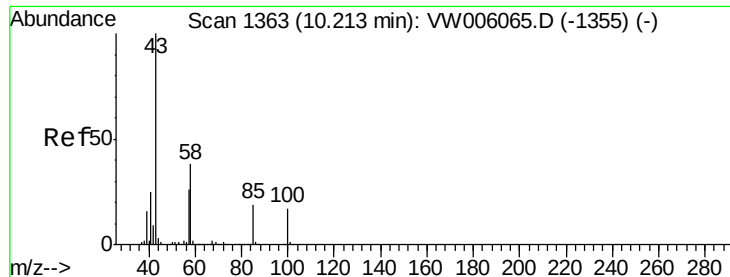
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

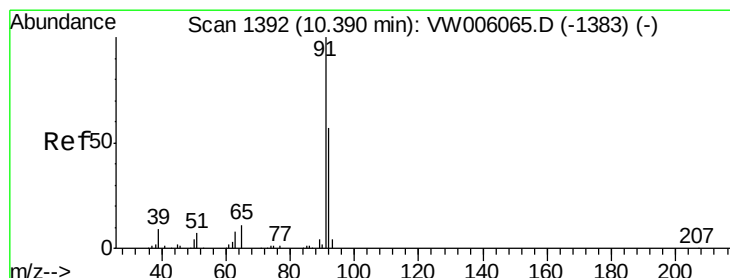
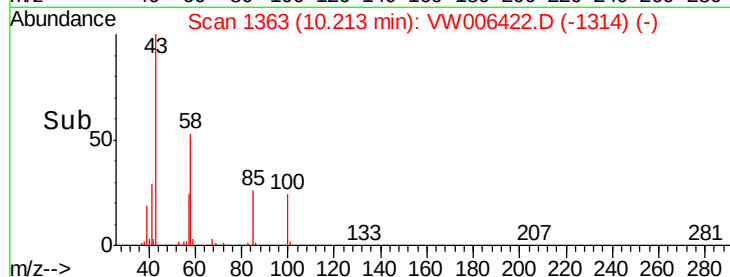
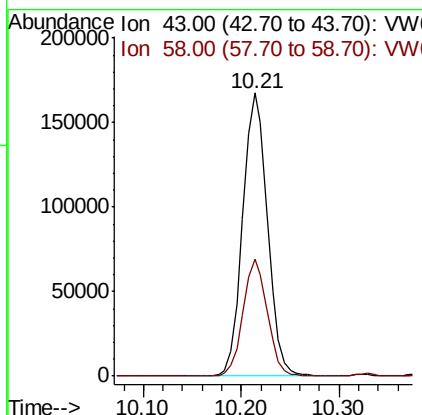
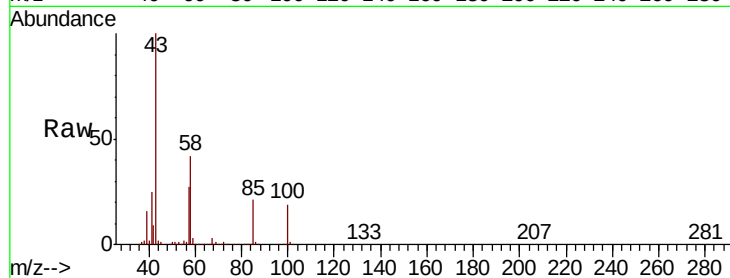




#51
 4-Methyl-2-Pentanone
 Concen: 282.419 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

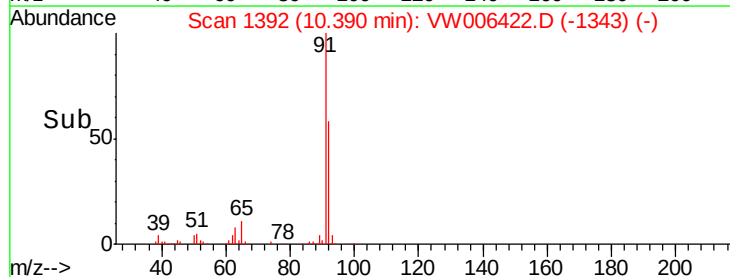
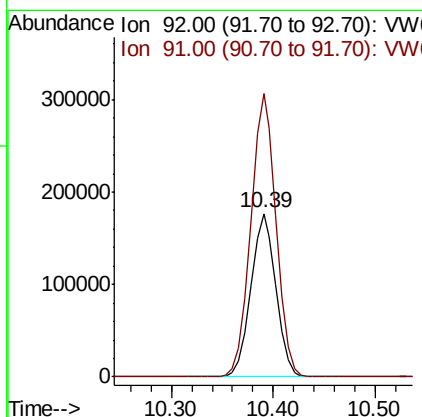
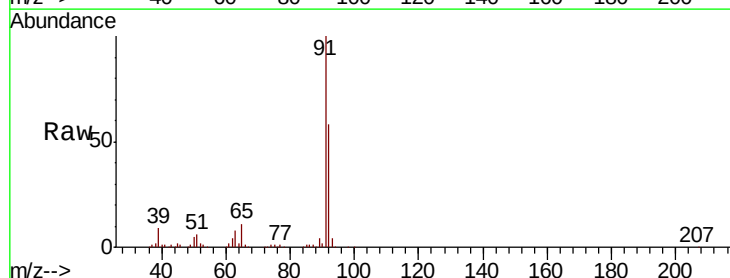
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

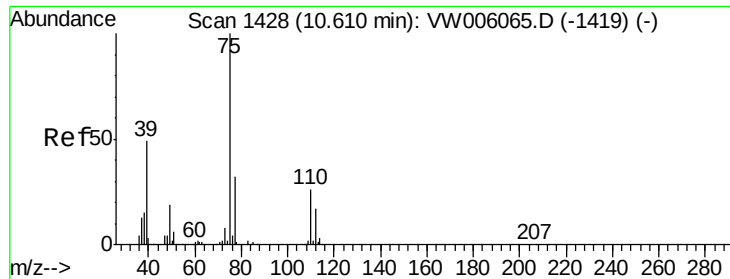
Tgt Ion: 43 Resp: 293259
 Ion Ratio Lower Upper
 43 100
 58 40.7 31.5 47.3



#52
 Toluene
 Concen: 60.195 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 92 Resp: 302006
 Ion Ratio Lower Upper
 92 100
 91 174.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 57.056 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

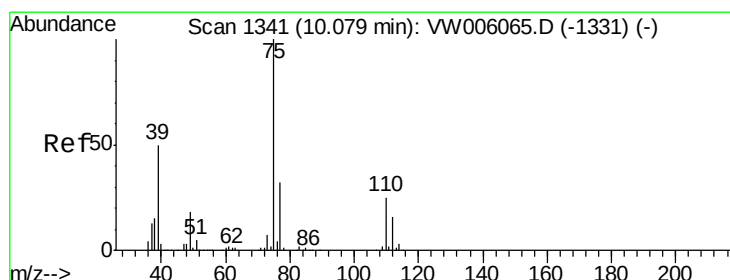
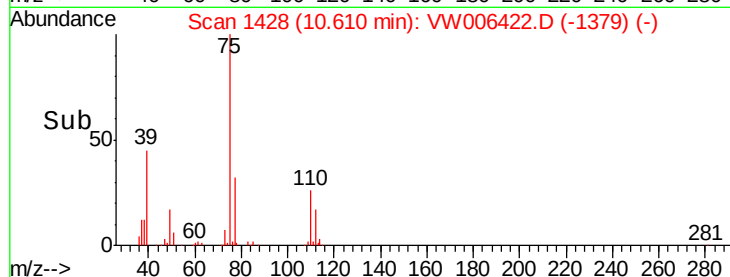
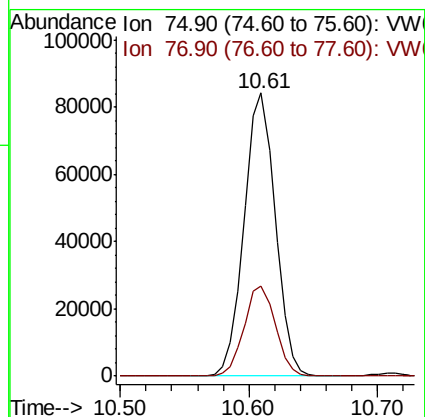
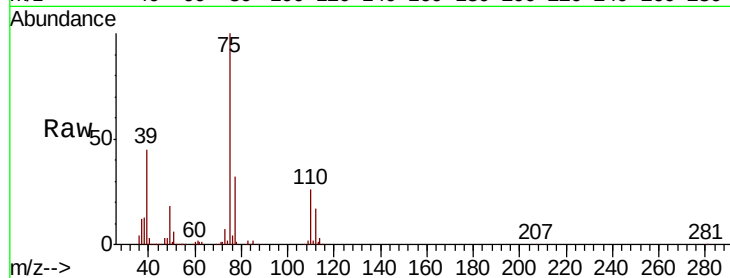
BFB

Tgt Ion: 75 Resp: 140666

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 58.292 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

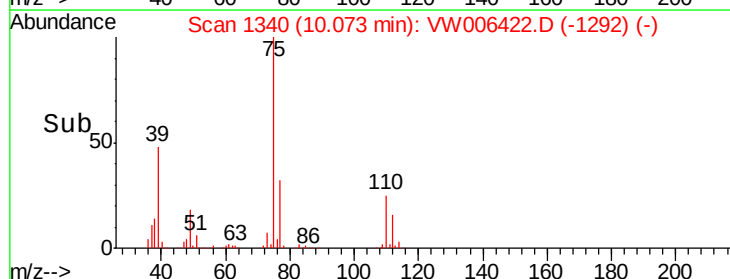
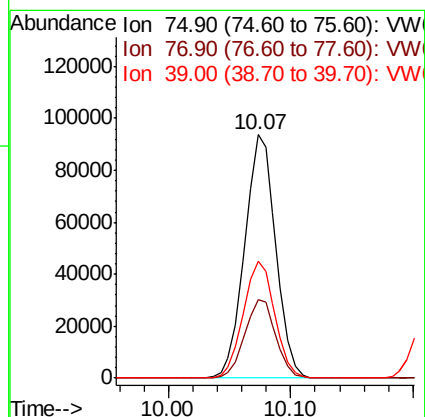
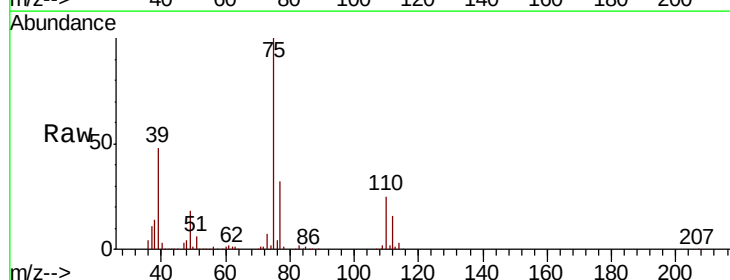
Tgt Ion: 75 Resp: 164939

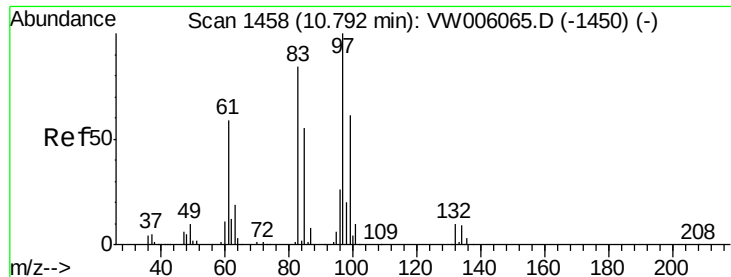
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 48.0 39.9 59.9

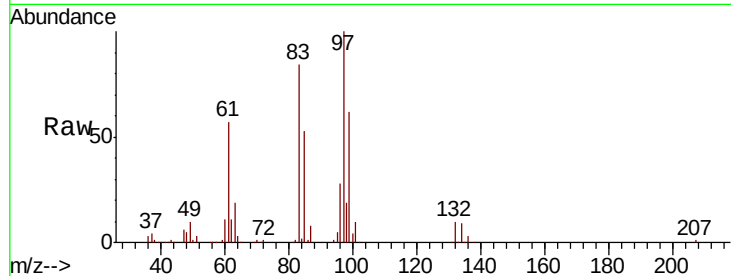




#55
 1,1,2-Trichloroethane
 Concen: 62.080 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion	Resp	Lower	Upper
97	100		
83	84.4	67.2	100.8
85	53.1	43.7	65.5
99	61.7	48.5	72.7



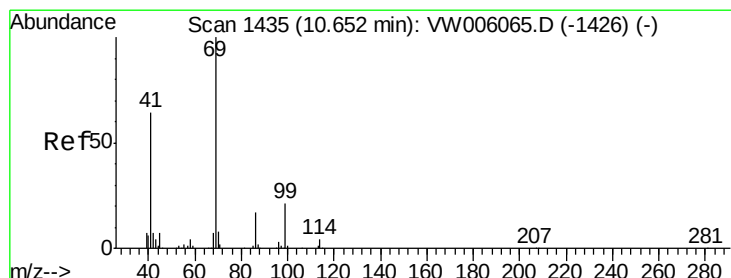
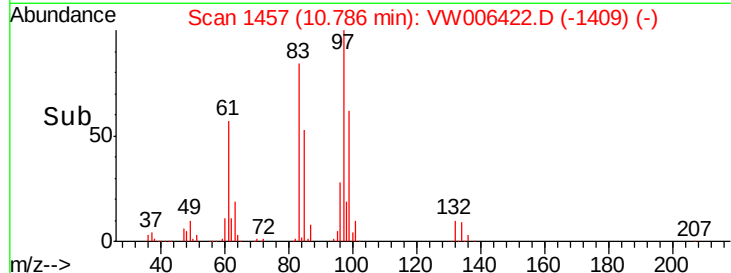
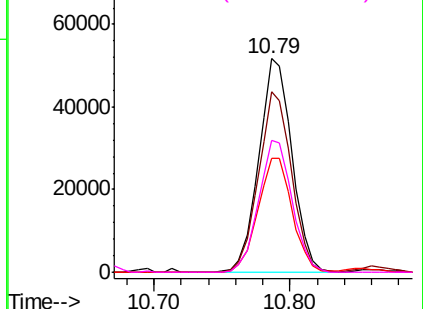
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

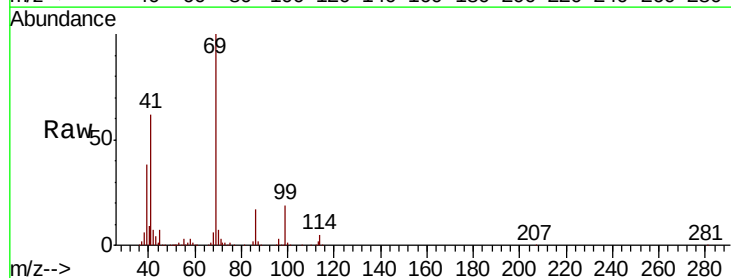
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 59.031 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Resp	Lower	Upper
69	100		
41	61.3	52.8	79.2
39	37.1	30.6	45.8

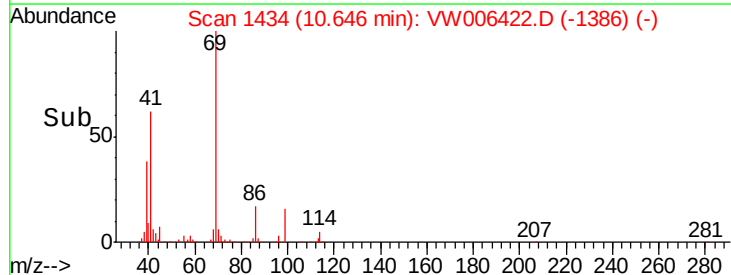
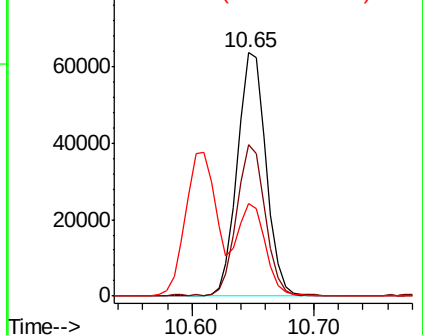


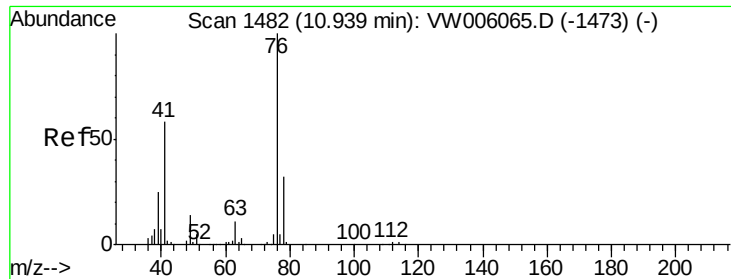
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

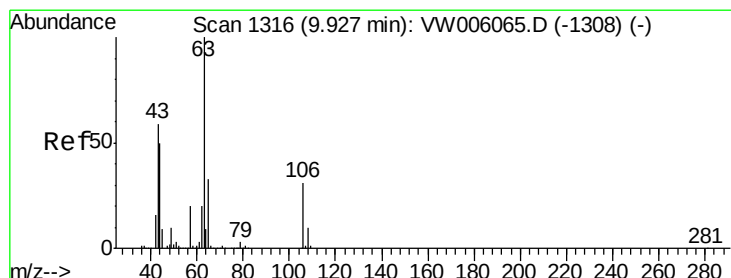
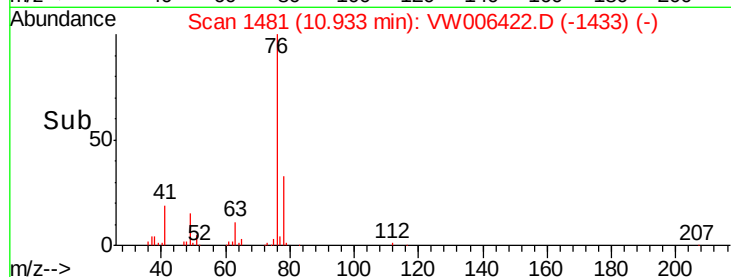
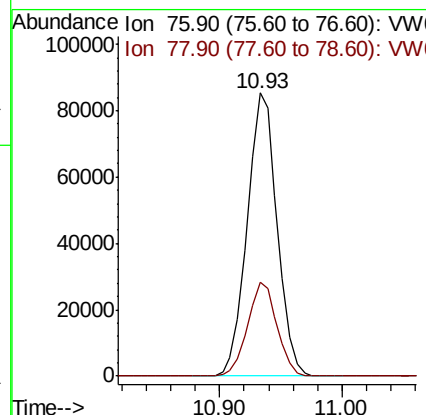
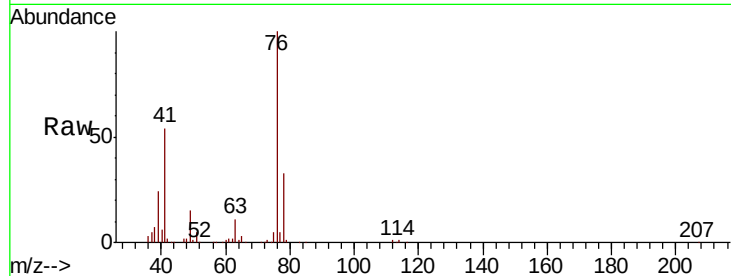




#57
 1,3-Dichloropropane
 Concen: 61.098 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

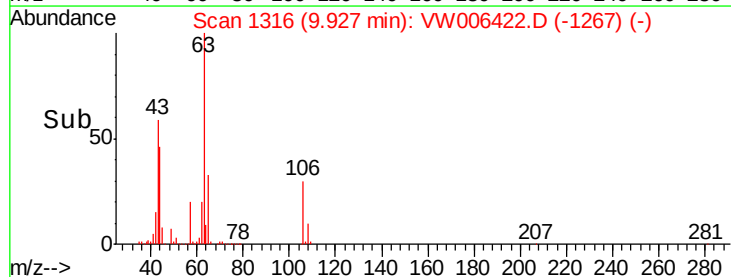
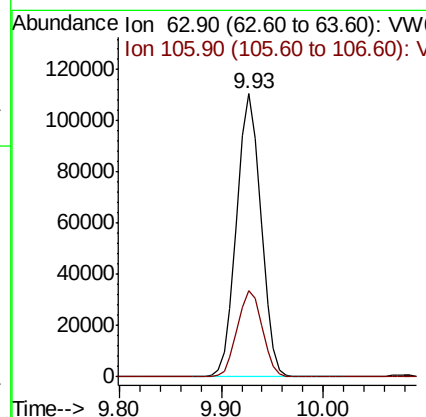
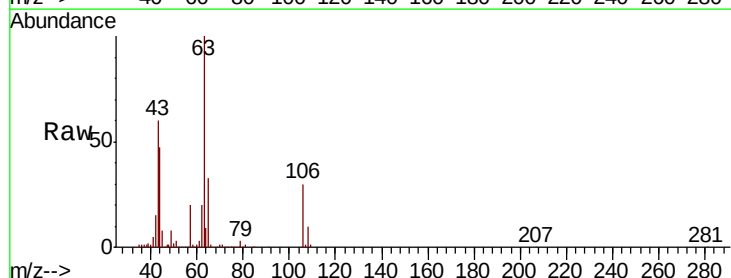
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

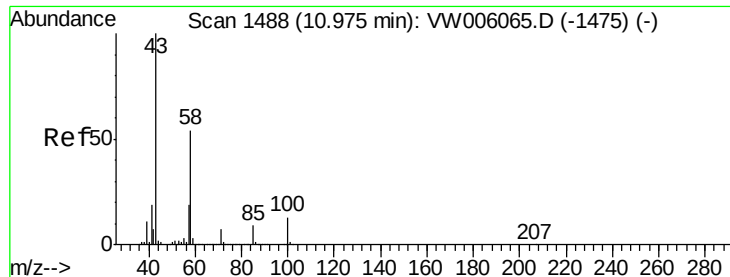
Tgt Ion: 76 Resp: 144458
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.453 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion: 63 Resp: 182955
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.5 36.7

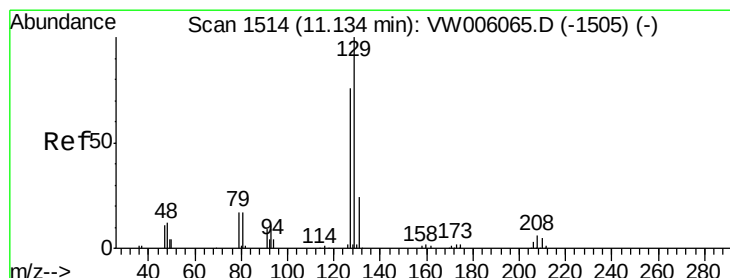
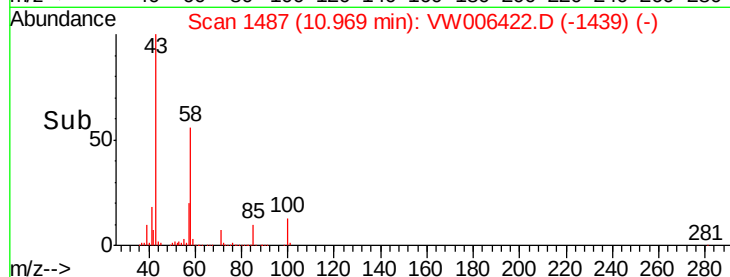
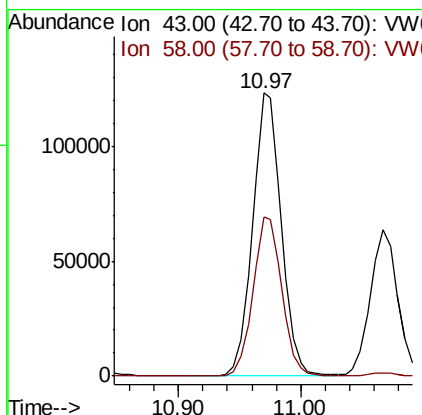
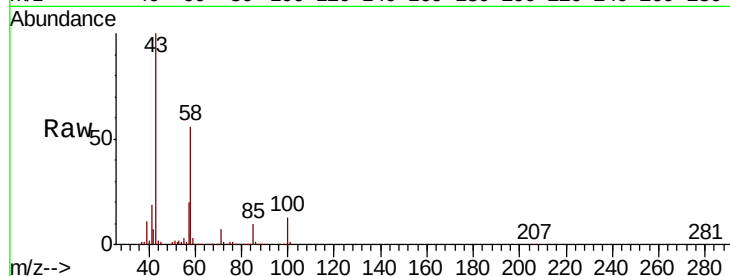




#59
2-Hexanone
Concen: 271.705 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

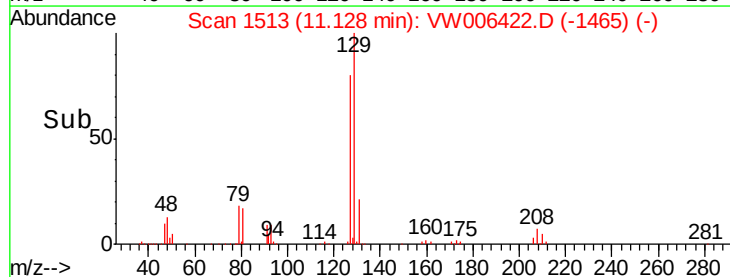
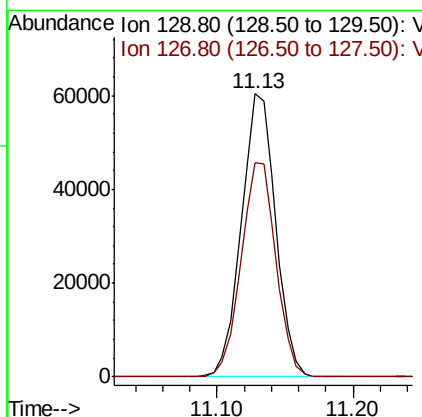
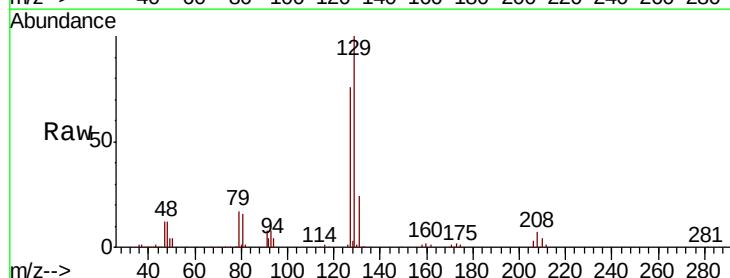
Instrument :
MSVOA_W
ClientSampled :
BFB

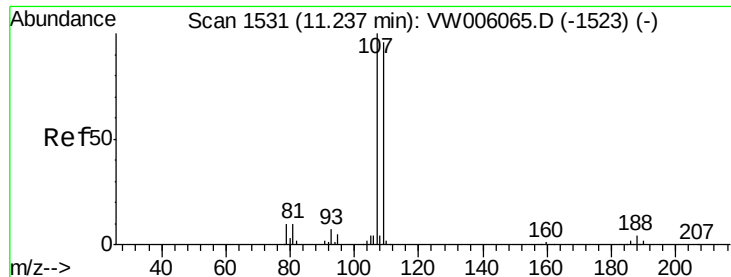
Tgt Ion: 43 Resp: 201397
Ion Ratio Lower Upper
43 100
58 56.4 26.9 80.6



#60
Dibromochloromethane
Concen: 59.792 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 129 Resp: 106374
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 61.704 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

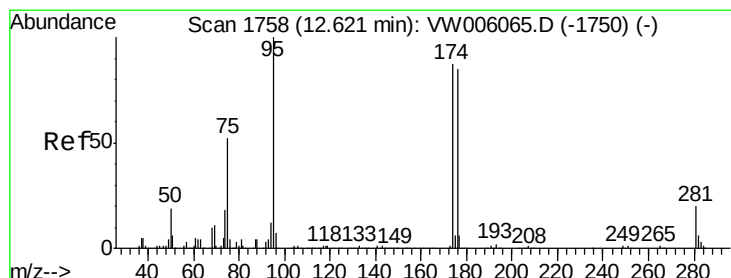
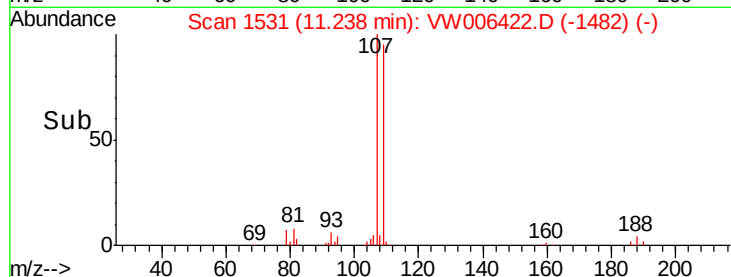
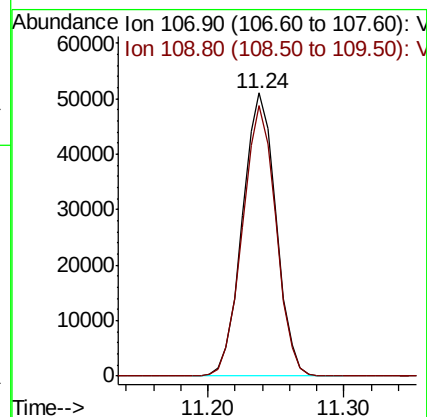
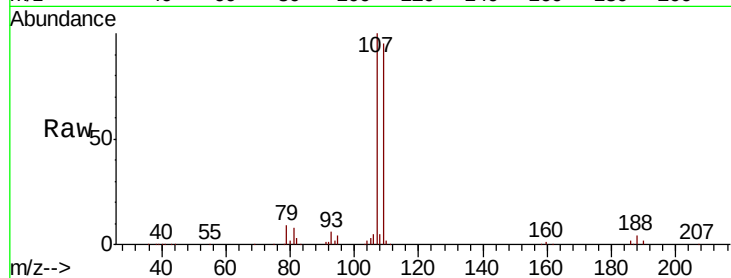
BFB

Tgt Ion: 107 Resp: 88058

Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 51.899 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

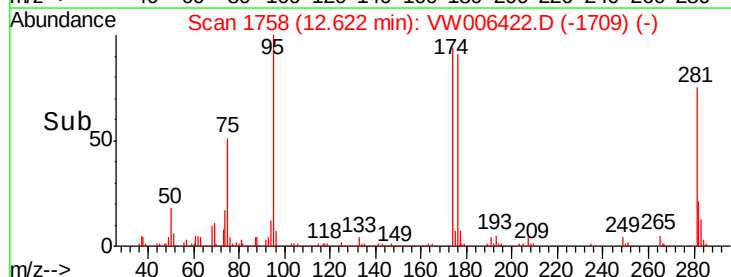
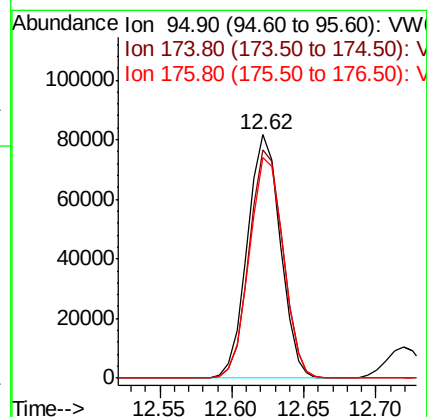
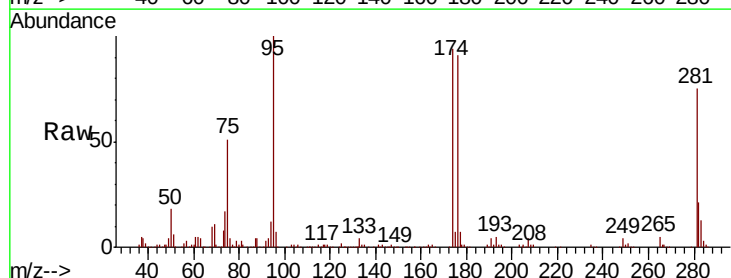
Tgt Ion: 95 Resp: 129703

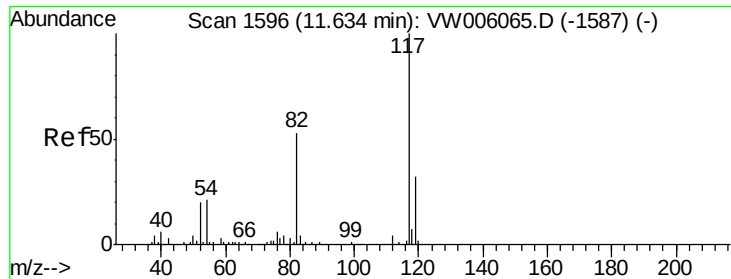
Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

176 92.9 0.0 181.6

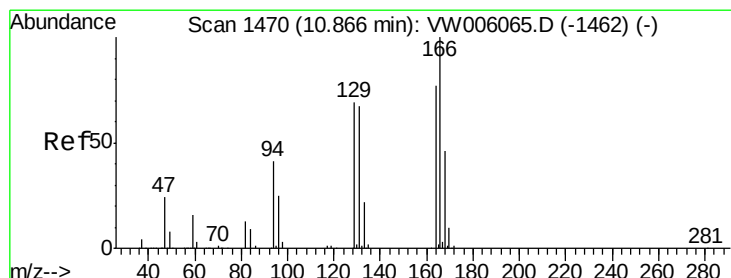
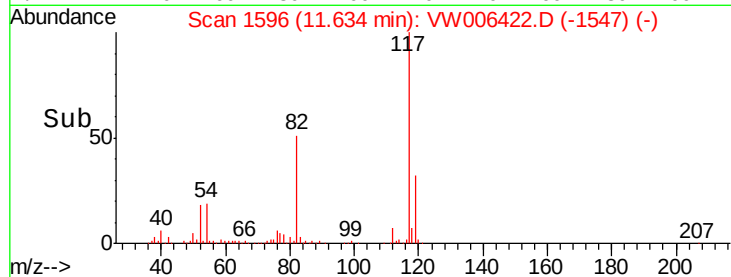
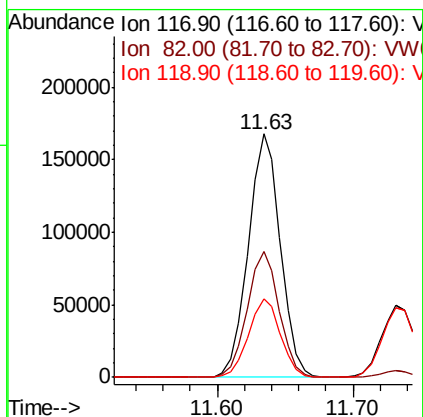
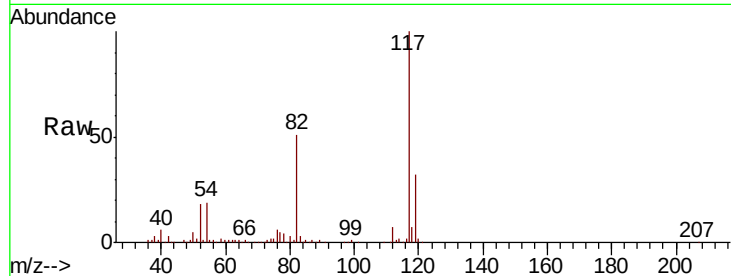




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

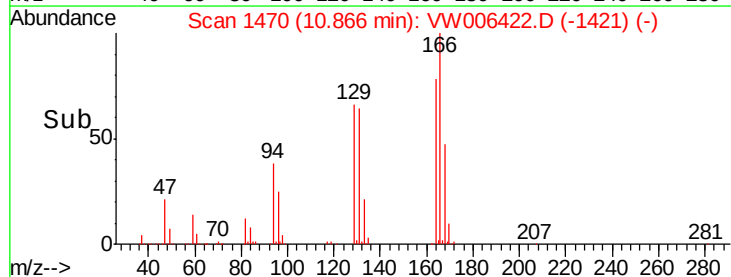
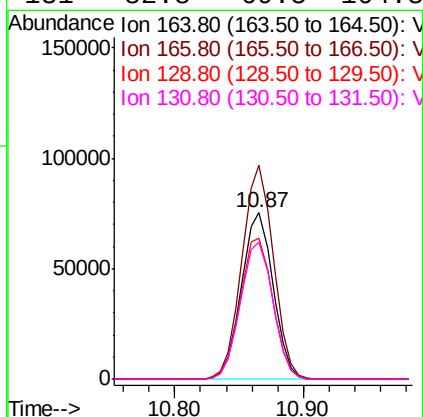
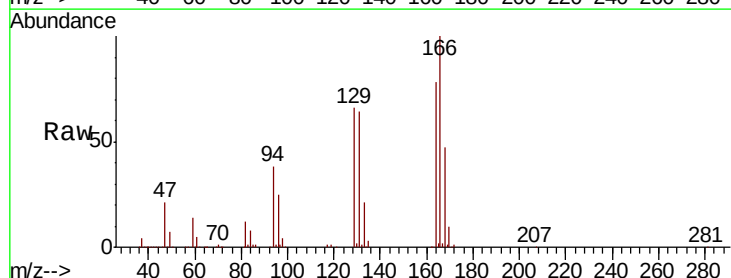
Instrument :
MSVOA_W
ClientSampled :
BFB

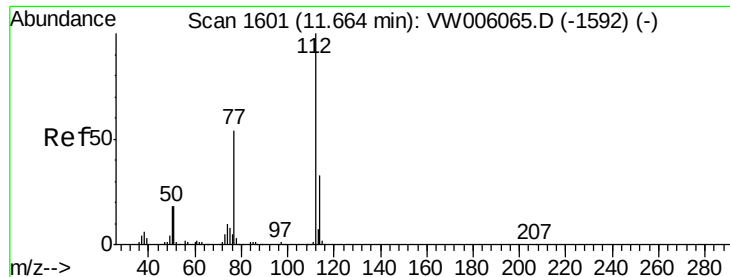
Tgt Ion:117 Resp: 275900
Ion Ratio Lower Upper
117 100
82 51.5 42.1 63.1
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 59.792 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:164 Resp: 128065
Ion Ratio Lower Upper
164 100
166 128.6 103.4 155.0
129 85.0 71.8 107.8
131 82.8 69.5 104.3

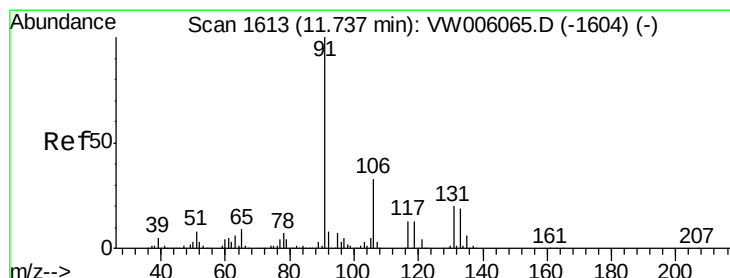
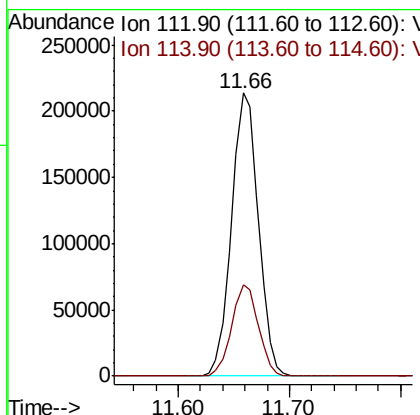
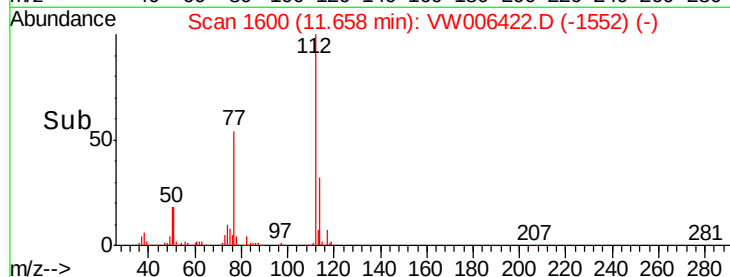
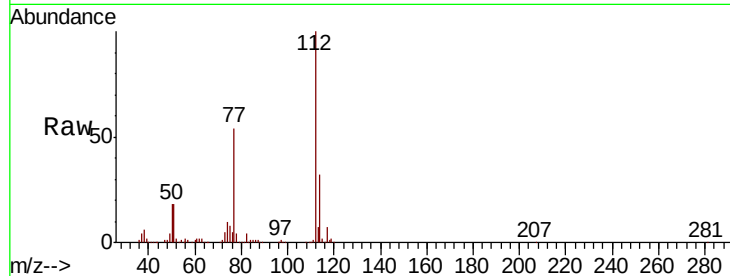




#65
Chlorobenzene
Concen: 60.173 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

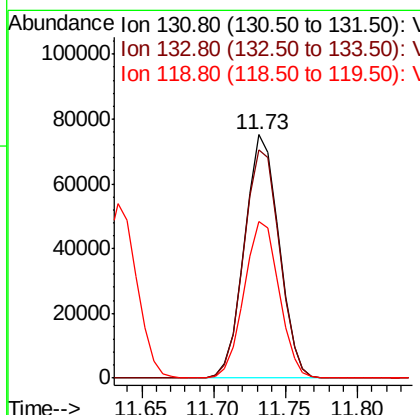
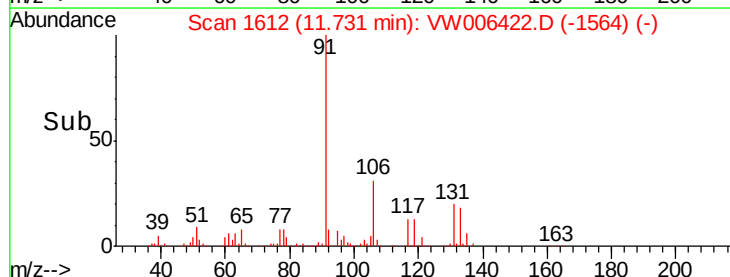
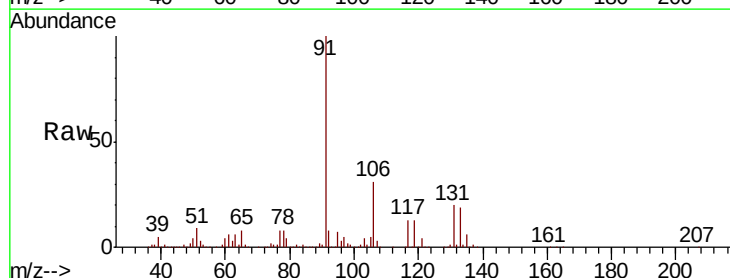
Instrument :
MSVOA_W
ClientSampleId :
BFB

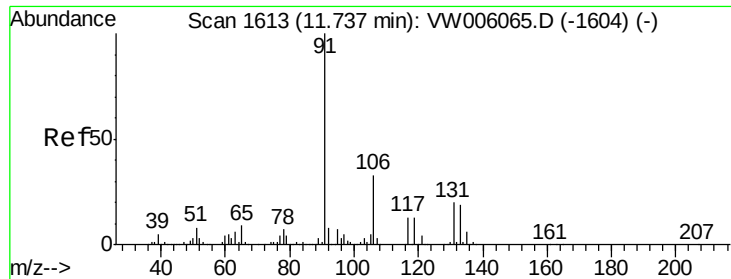
Tgt Ion:112 Resp: 355395
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 59.350 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:131 Resp: 124573
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 65.1 31.6 94.7

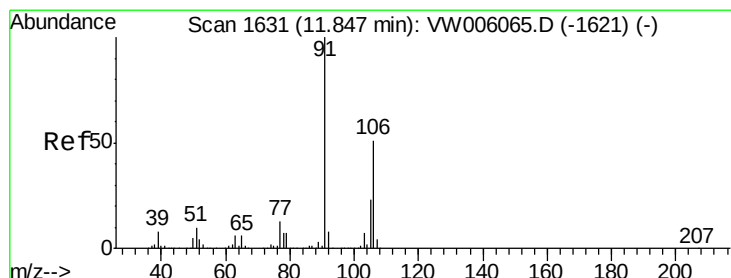
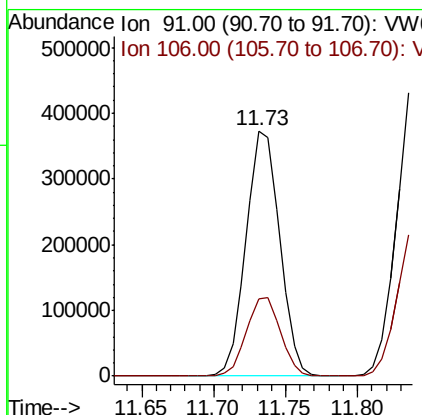
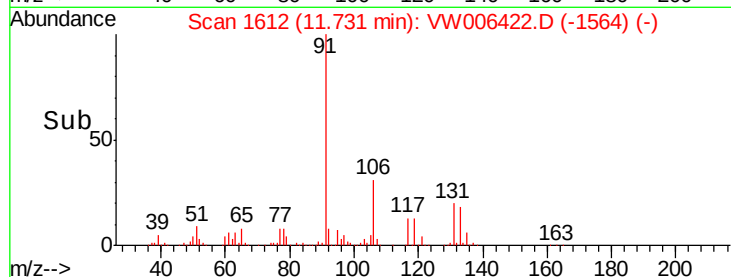
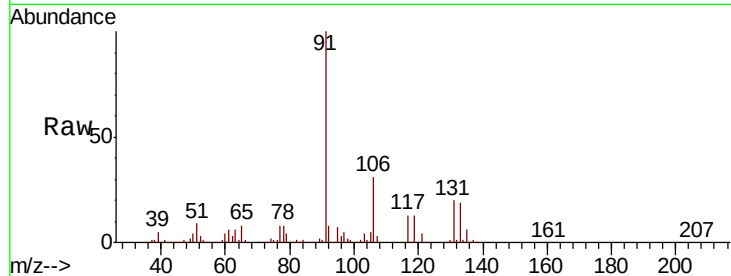




#67
Ethyl Benzene
Concen: 58.942 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

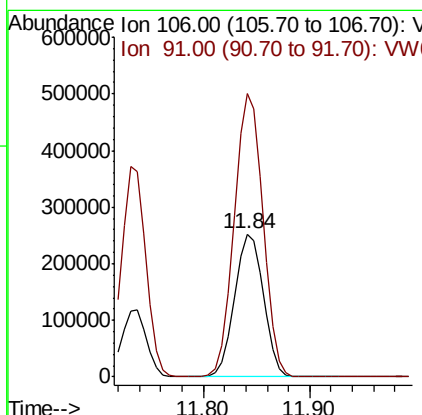
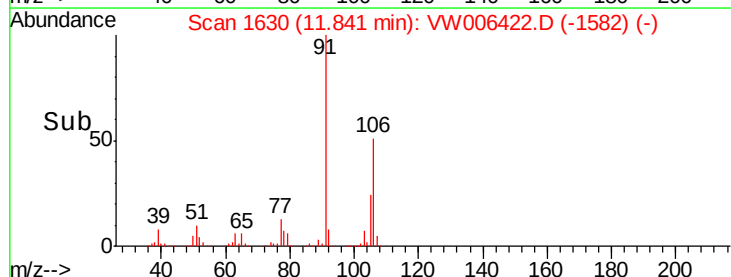
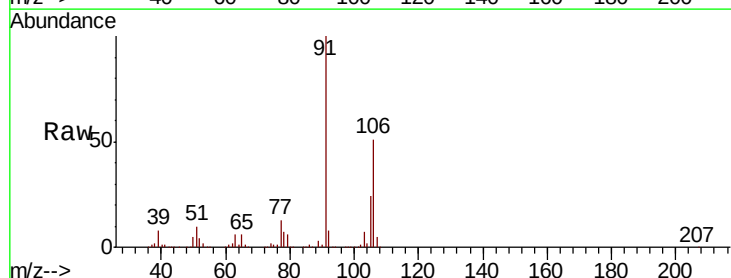
Instrument :
MSVOA_W
ClientSampled :
BFB

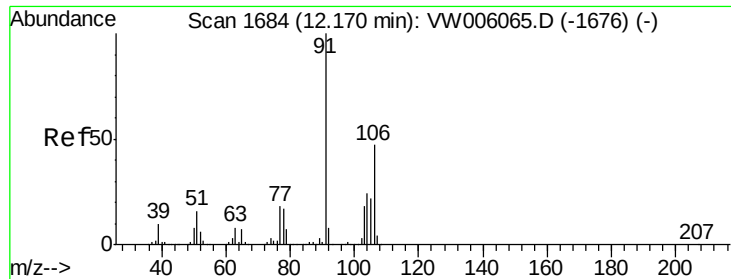
Tgt Ion: 91 Resp: 603310
Ion Ratio Lower Upper
91 100
106 31.5 26.1 39.1



#68
m/p-Xylenes
Concen: 119.058 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 106 Resp: 481669
Ion Ratio Lower Upper
106 100
91 197.2 159.1 238.7

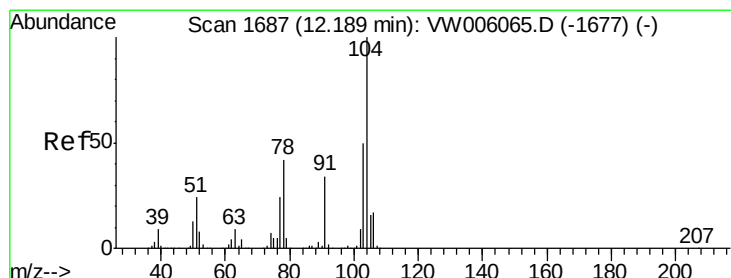
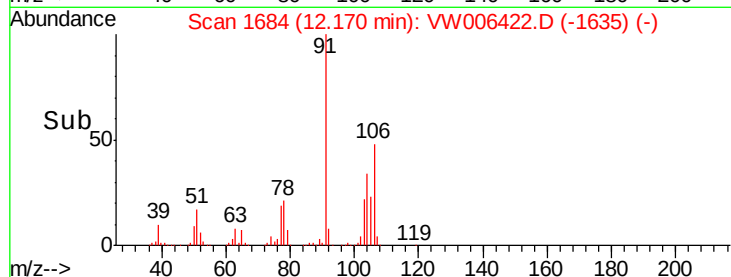
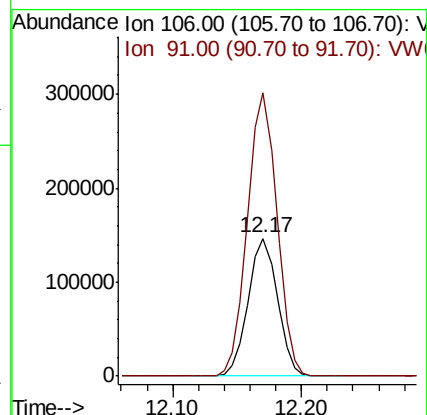
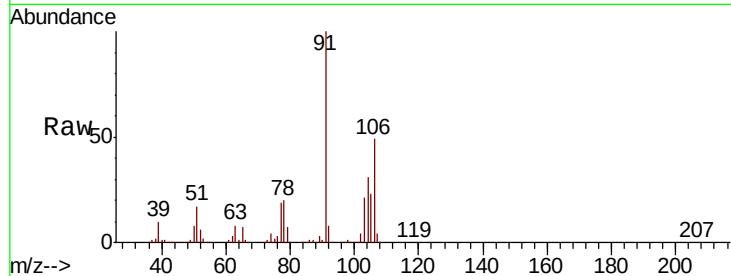




#69
o-Xylene
Concen: 59.914 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

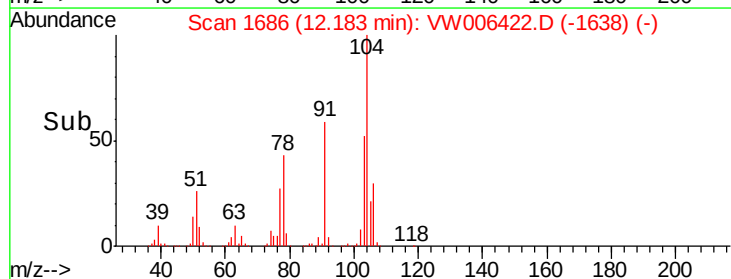
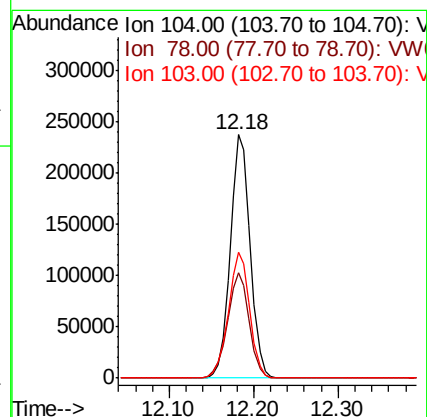
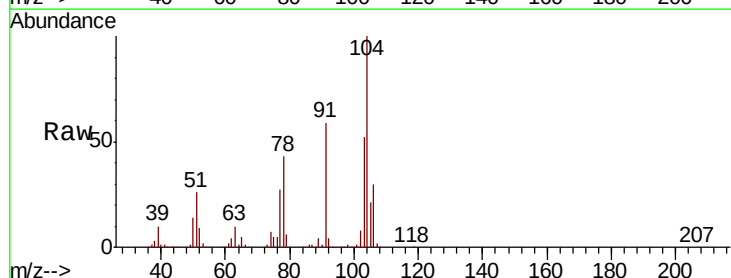
Instrument :
MSVOA_W
ClientSampleId :
BFB

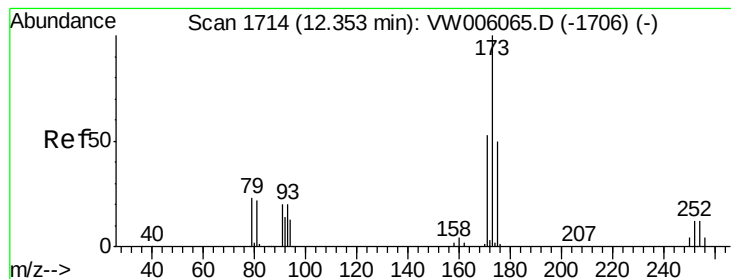
Tgt Ion:106 Resp: 231005
Ion Ratio Lower Upper
106 100
91 206.7 105.4 316.1



#70
Styrene
Concen: 60.937 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:104 Resp: 382065
Ion Ratio Lower Upper
104 100
78 47.2 39.1 58.7
103 55.3 44.3 66.5





#71

Bromoform

Concen: 56.357 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

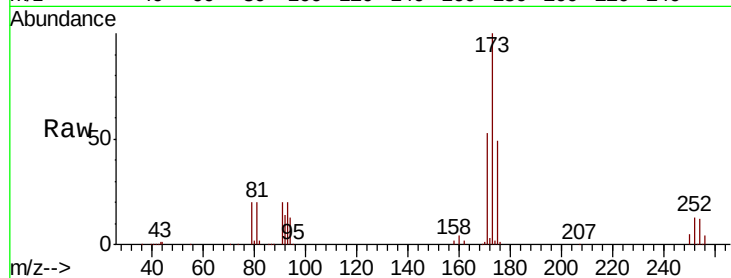
Tgt Ion:173 Resp: 65979

Ion Ratio Lower Upper

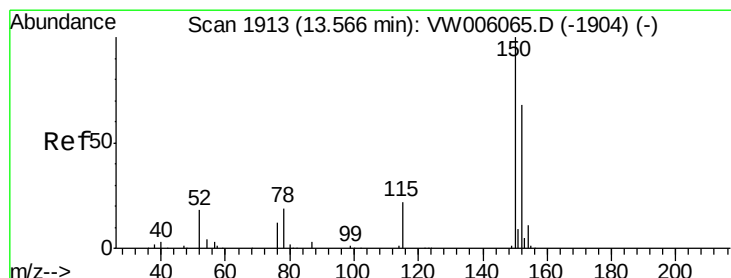
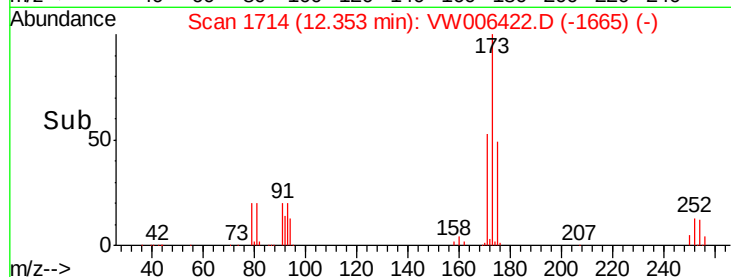
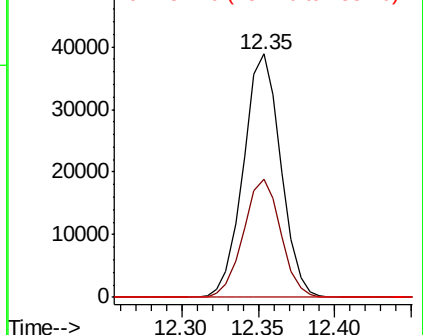
173 100

175 48.4 24.2 72.6

254 0.1 0.1 0.1#



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: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

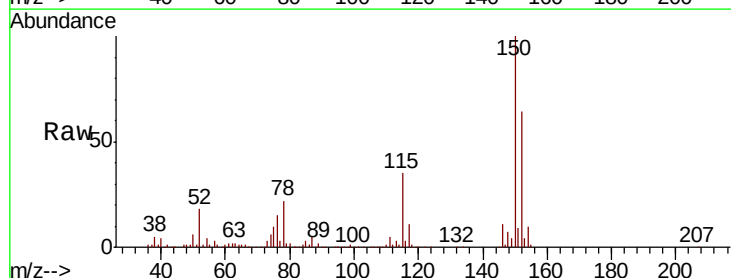
Tgt Ion:152 Resp: 159341

Ion Ratio Lower Upper

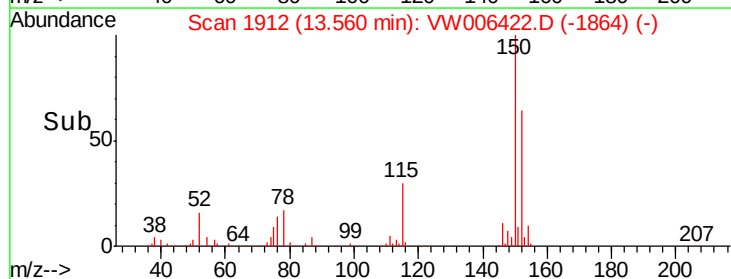
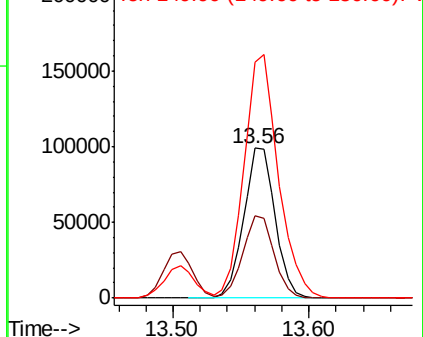
152 100

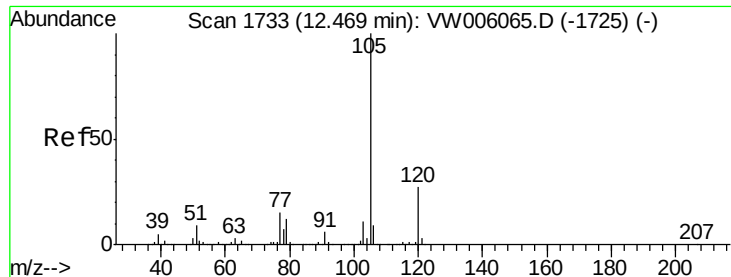
115 54.4 27.8 83.3

150 177.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 56.804 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

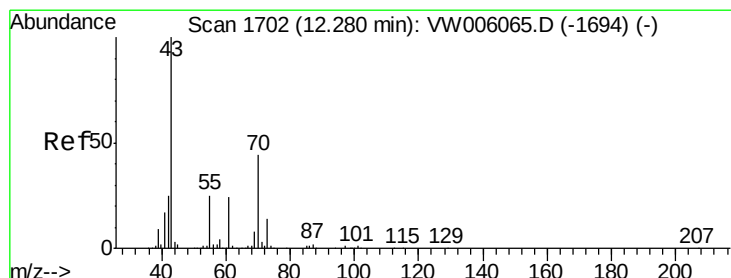
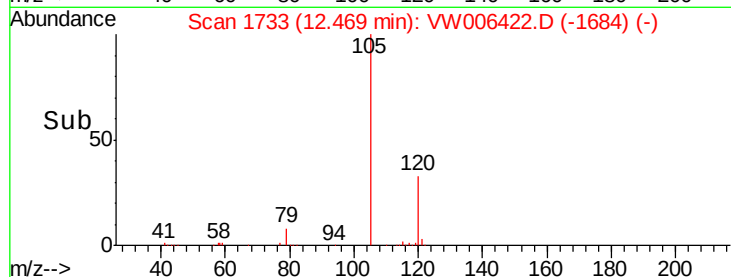
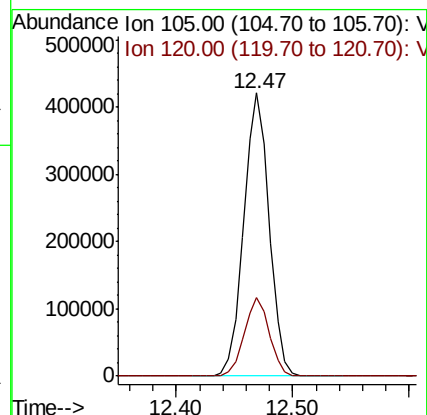
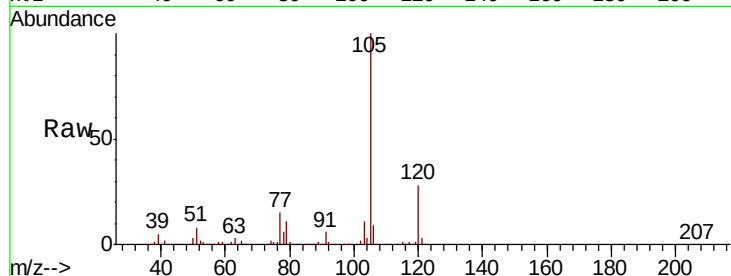
BFB

Tgt Ion: 105 Resp: 639445

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 52.421 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Tgt Ion: 43 Resp: 114614

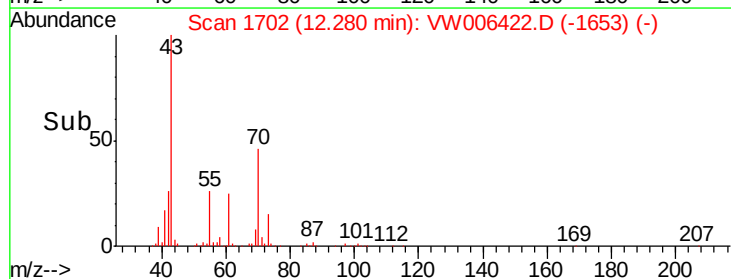
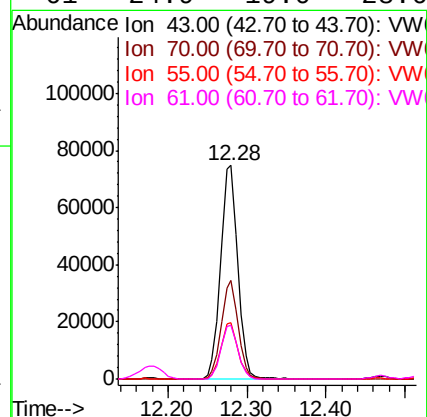
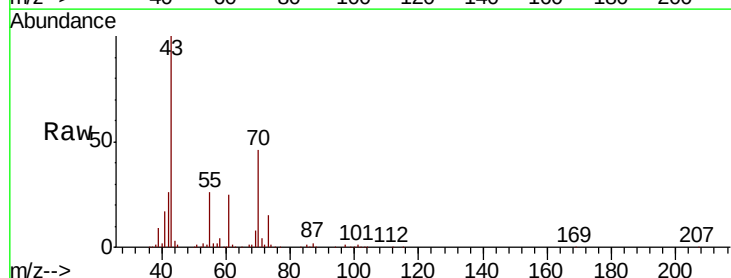
Ion Ratio Lower Upper

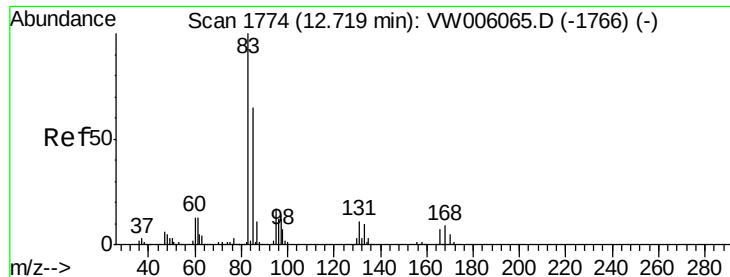
43 100

70 45.1 34.2 51.4

55 26.0 19.2 28.8

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 59.299 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

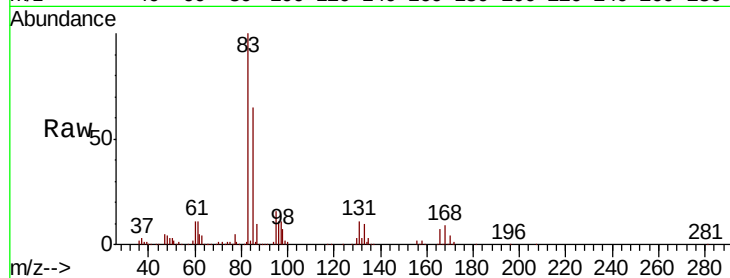
Tgt Ion: 83 Resp: 101528

Ion Ratio Lower Upper

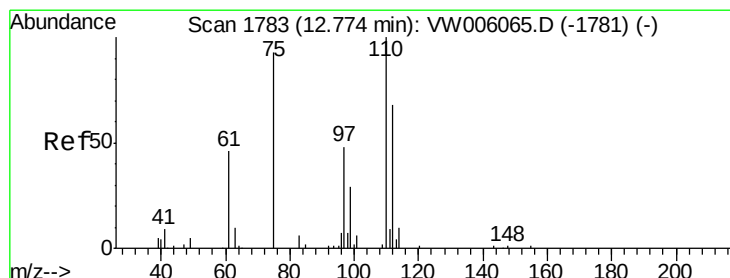
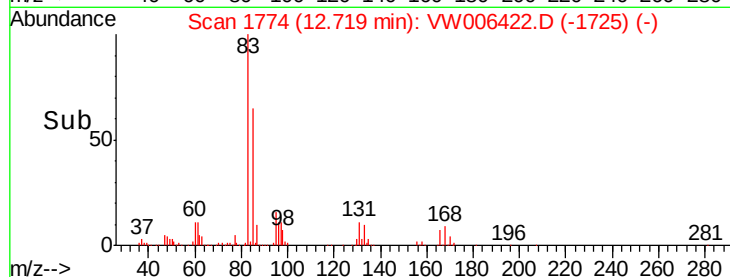
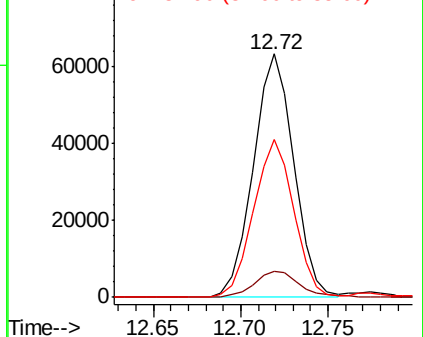
83 100

131 12.1 5.9 17.7

85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 104.927 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006422.D

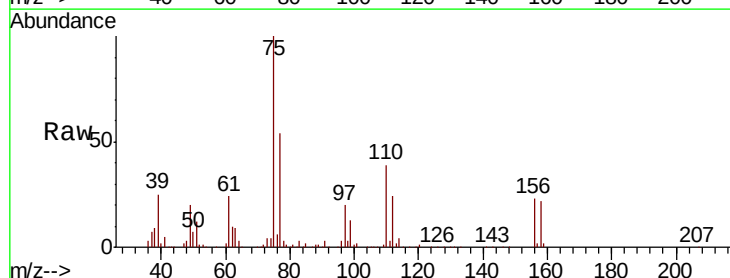
Acq: 27 Oct 2018 00:06

Tgt Ion: 75 Resp: 127702

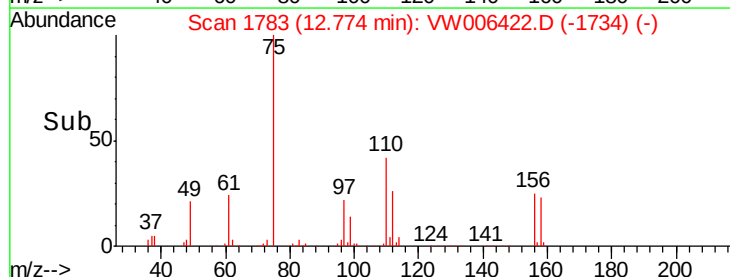
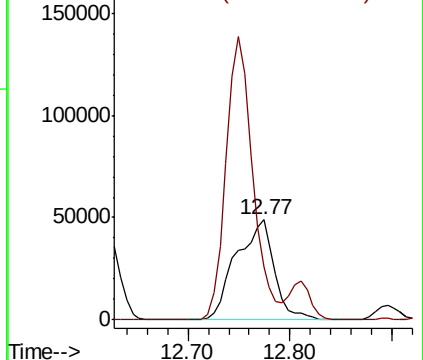
Ion Ratio Lower Upper

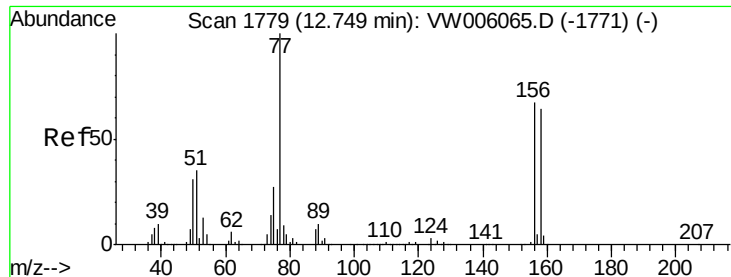
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 59.119 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

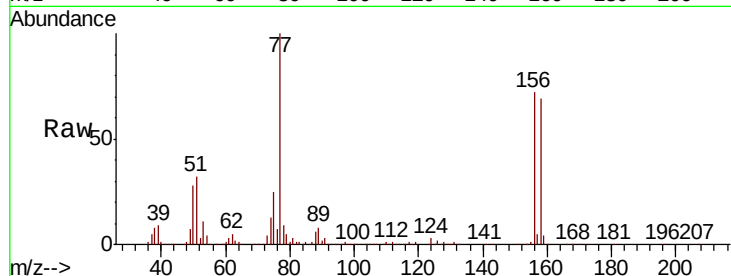
Tgt Ion:156 Resp: 163004

Ion Ratio Lower Upper

156 100

77 155.3 79.1 237.4

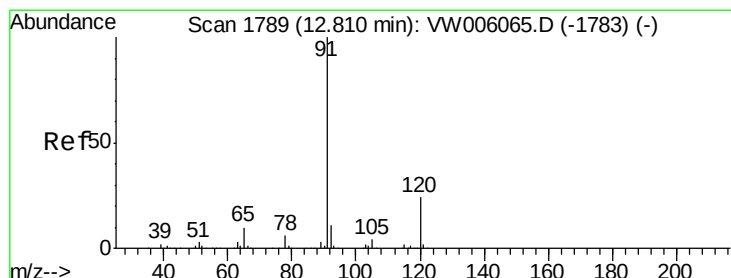
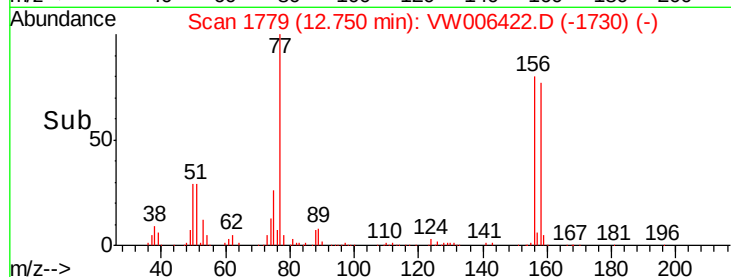
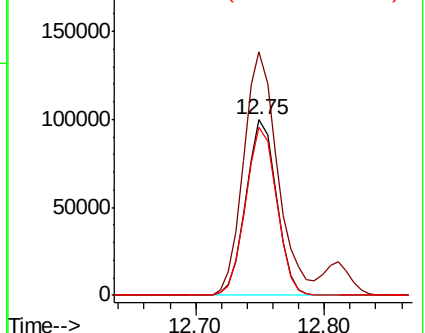
158 97.0 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 56.910 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006422.D

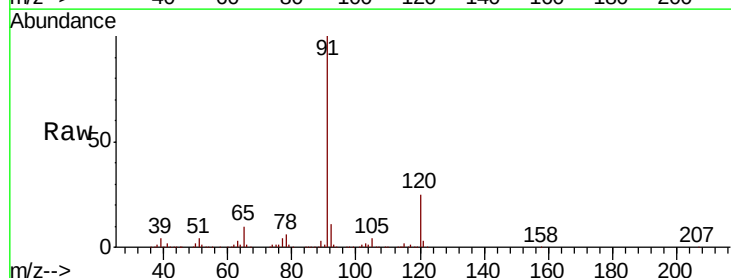
Acq: 27 Oct 2018 00:06

Tgt Ion: 91 Resp: 745321

Ion Ratio Lower Upper

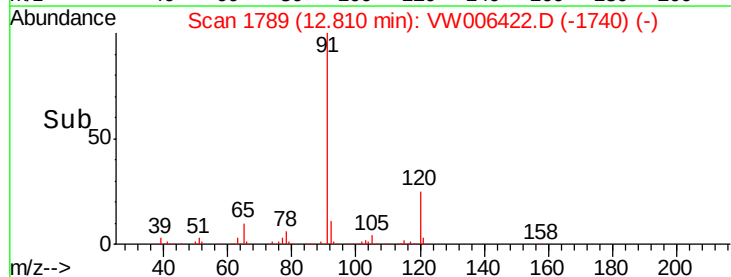
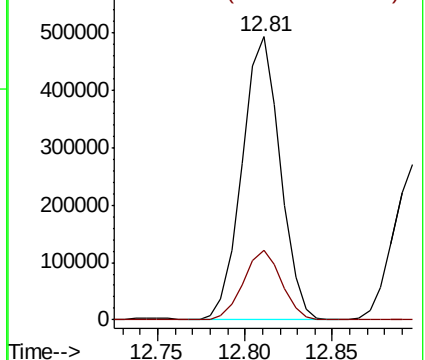
91 100

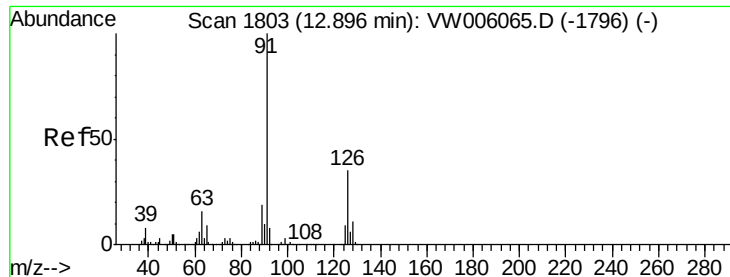
120 24.5 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.502 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampleId :

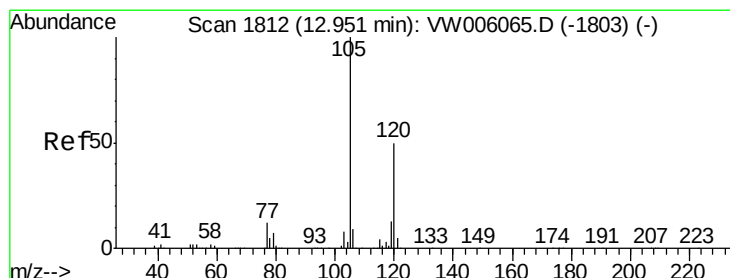
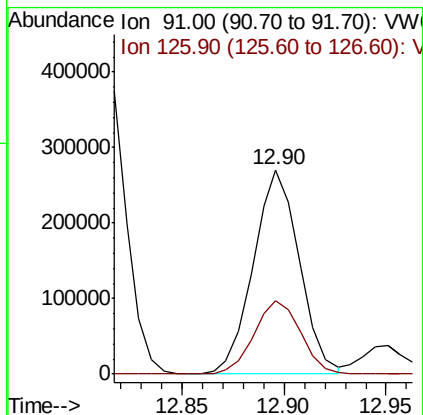
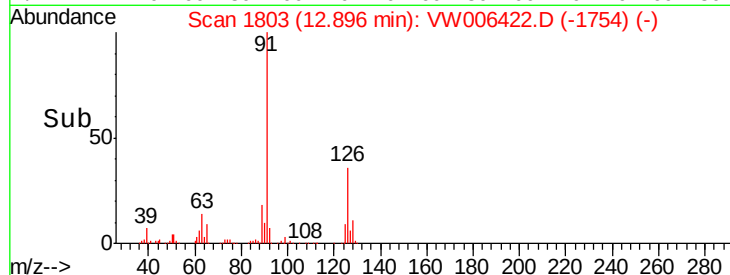
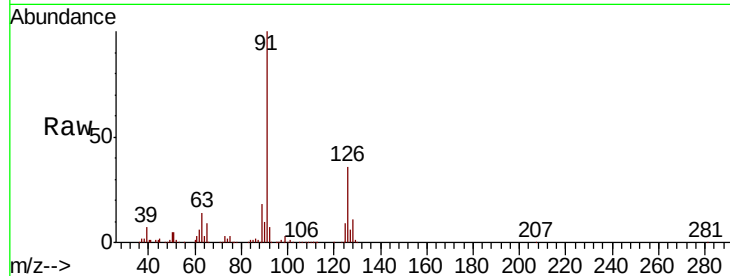
BFB

Tgt Ion: 91 Resp: 423120

Ion Ratio Lower Upper

91 100

126 36.7 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 57.647 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006422.D

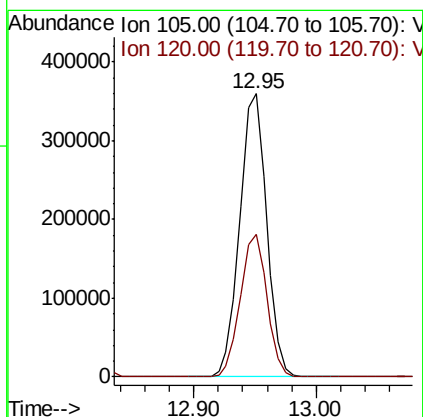
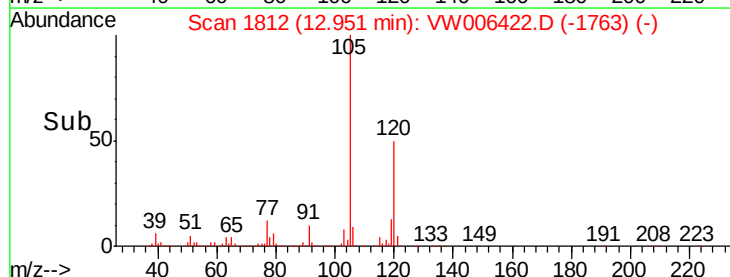
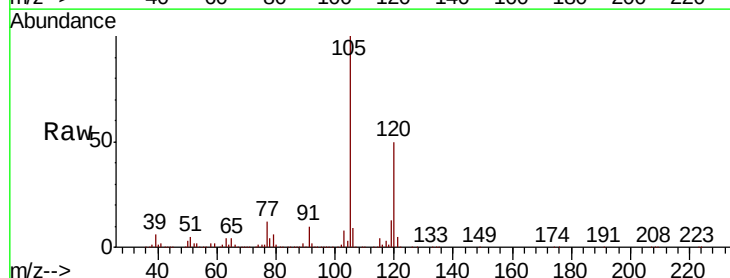
Acq: 27 Oct 2018 00:06

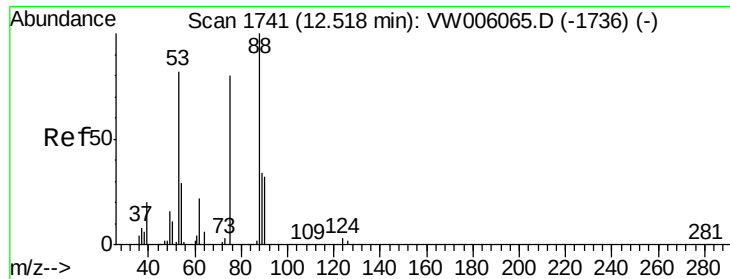
Tgt Ion: 105 Resp: 547061

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.970 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006422.D

Acq: 27 Oct 2018 00:06

Instrument :

MSVOA_W

ClientSampled :

BFB

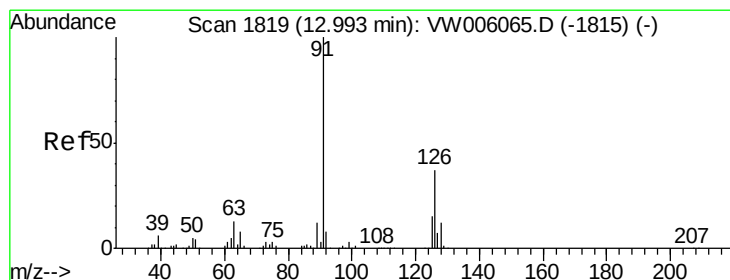
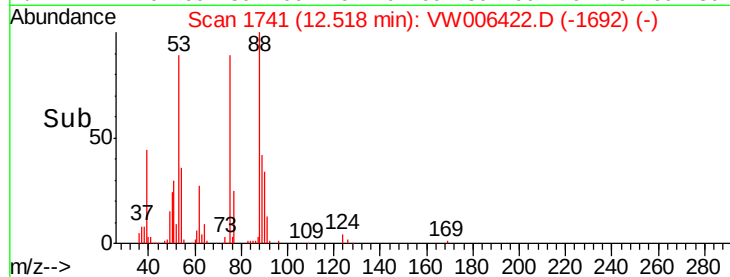
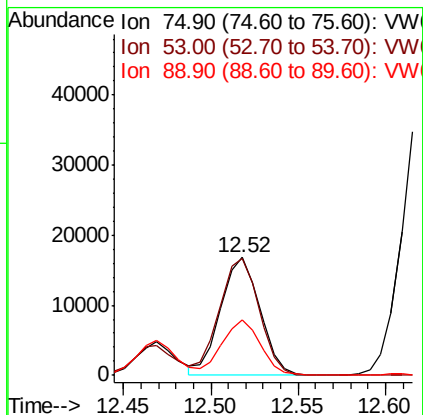
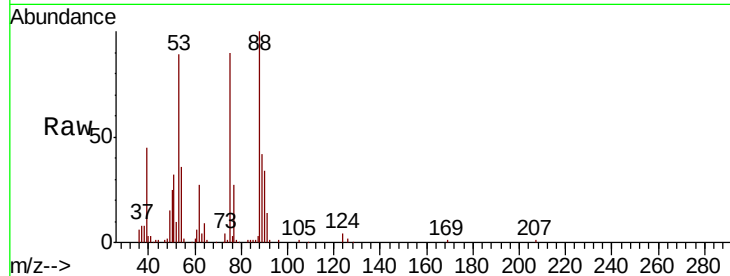
Tgt Ion: 75 Resp: 26460

Ion Ratio Lower Upper

75 100

53 100.8 79.8 119.6

89 45.1 37.5 56.3



#82

4-Chlorotoluene

Concen: 58.267 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006422.D

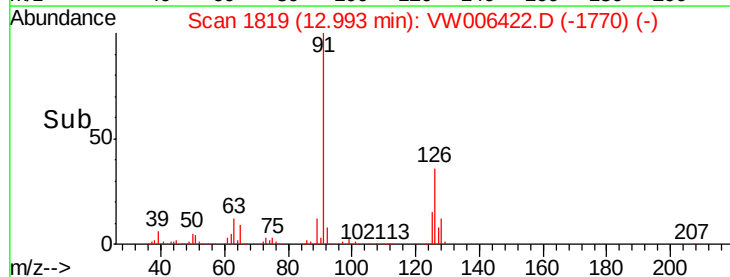
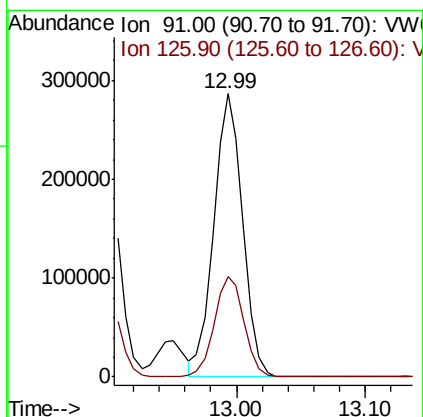
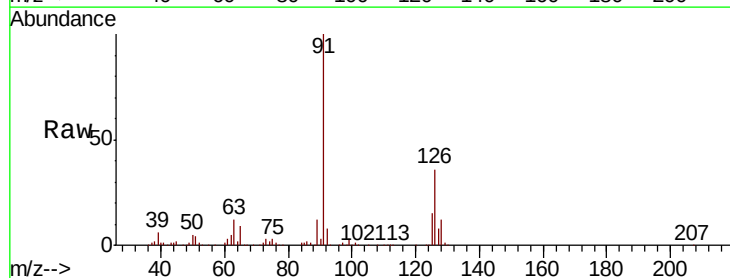
Acq: 27 Oct 2018 00:06

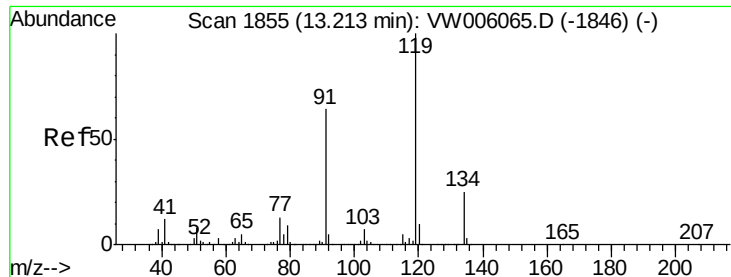
Tgt Ion: 91 Resp: 449132

Ion Ratio Lower Upper

91 100

126 36.4 18.1 54.3

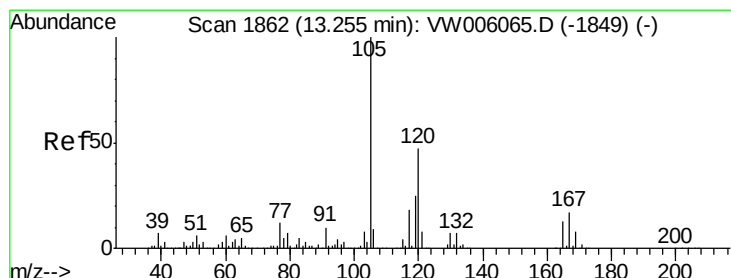
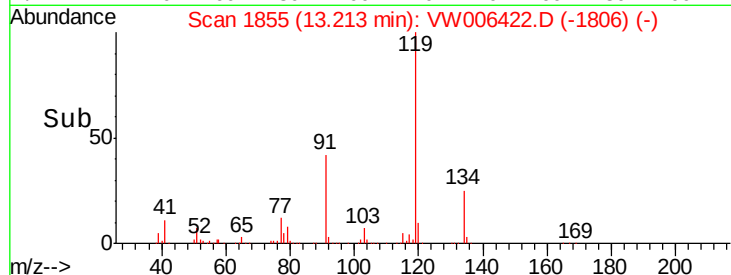
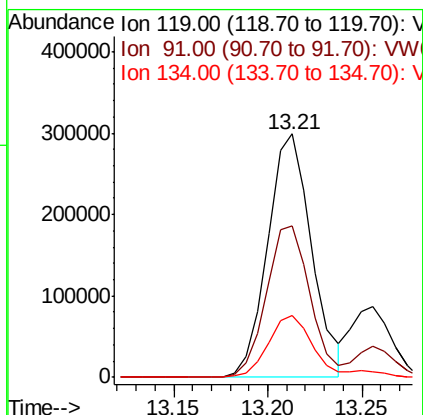
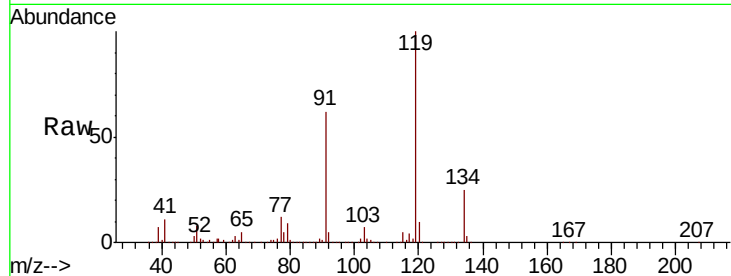




#83
 tert-Butylbenzene
 Concen: 57.152 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

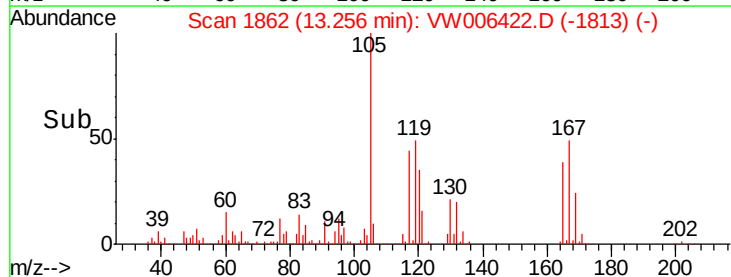
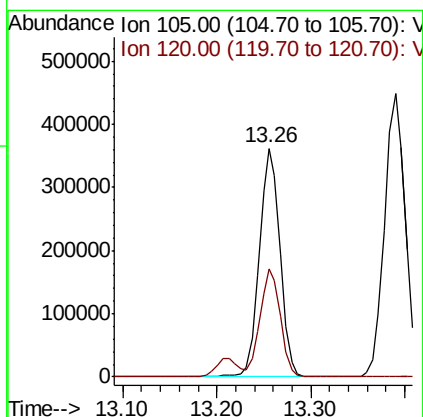
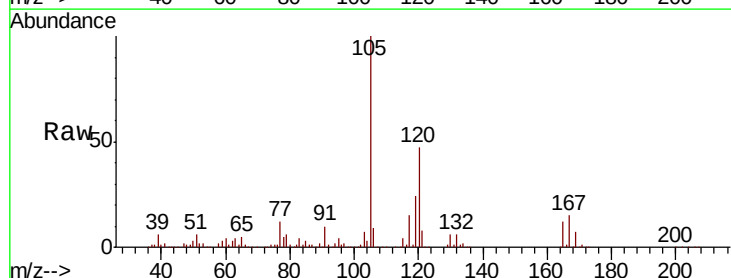
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

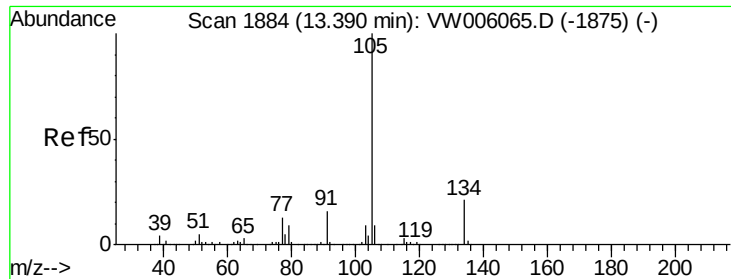
Tgt Ion:119 Resp: 485257
 Ion Ratio Lower Upper
 119 100
 91 61.6 32.3 96.9
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 58.369 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion:105 Resp: 560508
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3

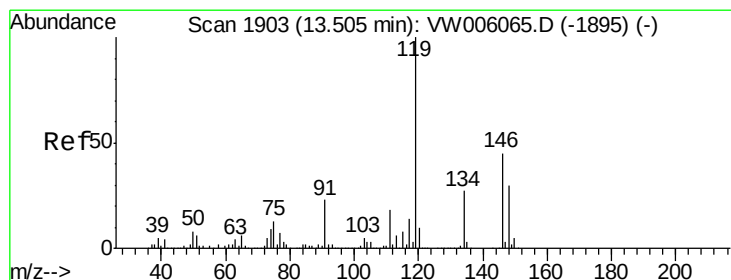
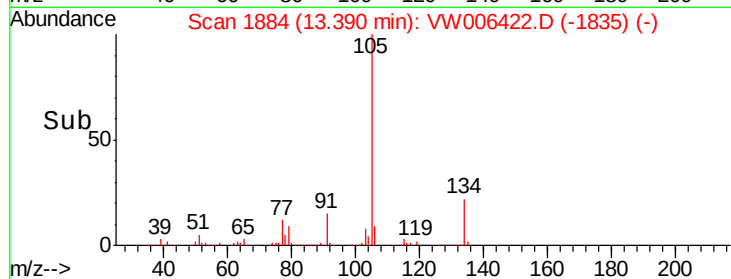
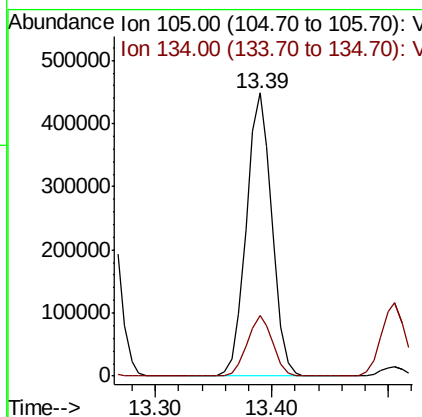
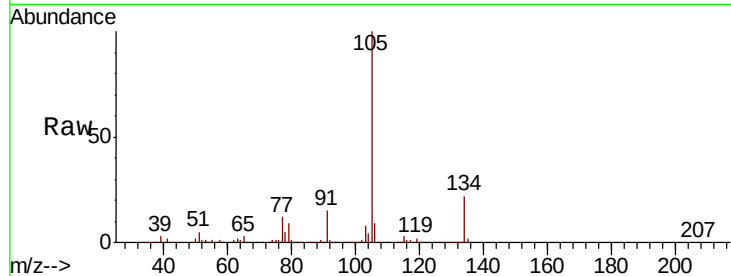




#85
 sec-Butylbenzene
 Concen: 57.134 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

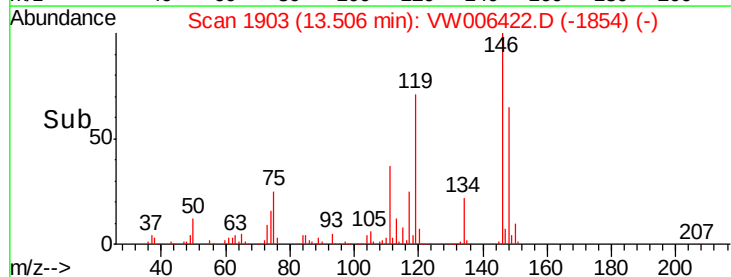
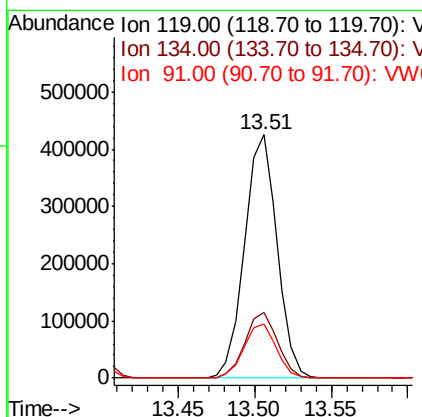
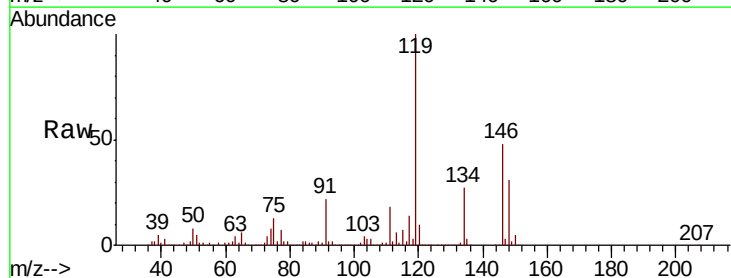
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

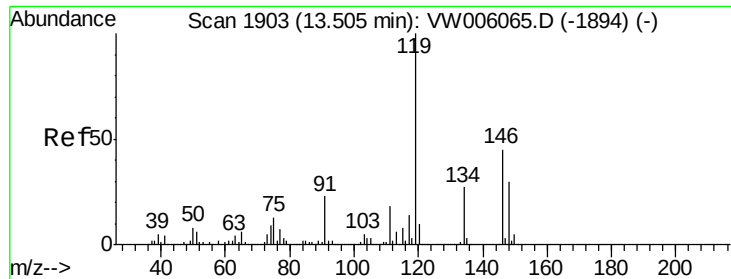
Tgt Ion:105 Resp: 685317
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 57.736 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion:119 Resp: 626400
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.2
 91 22.1 11.4 34.1

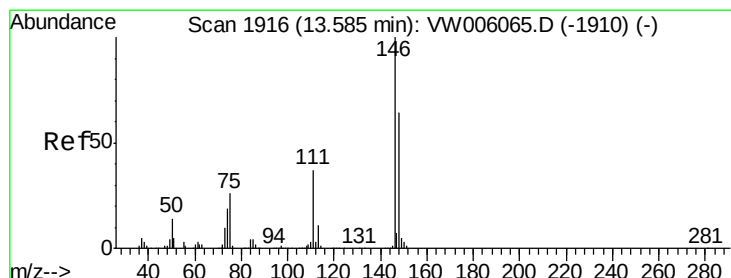
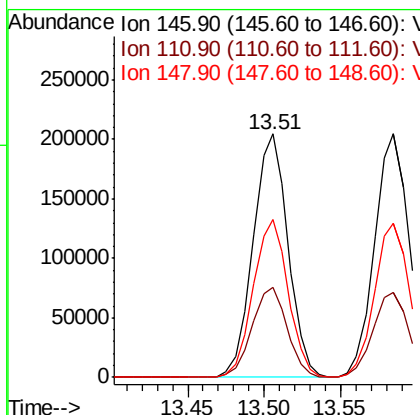
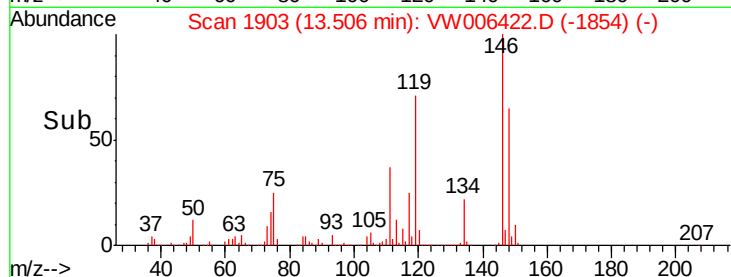
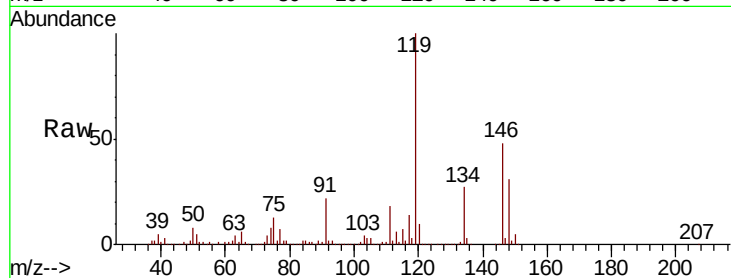




#87
 1,3-Dichlorobenzene
 Concen: 59.309 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

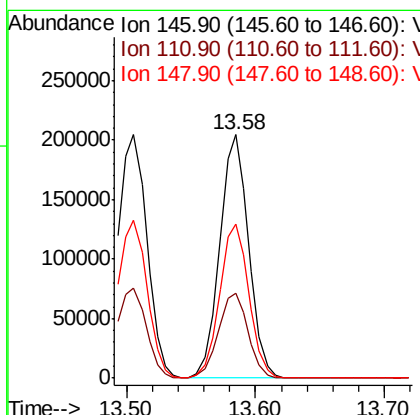
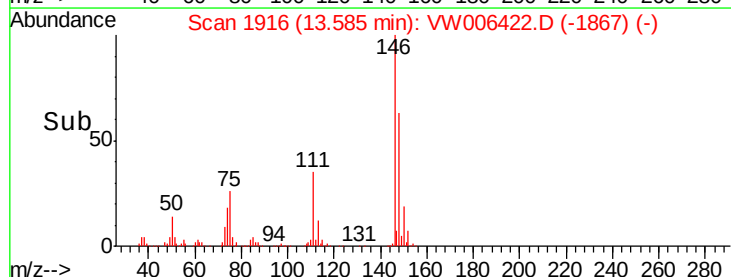
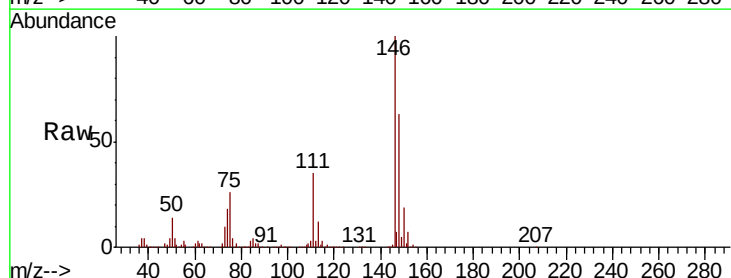
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

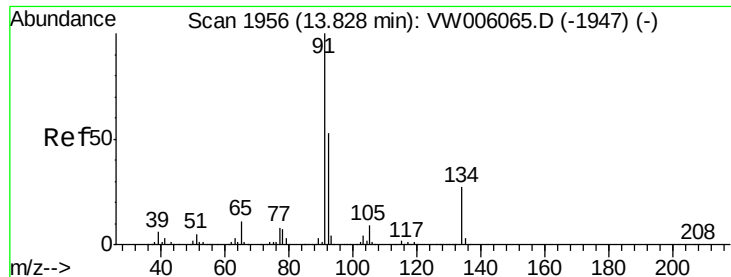
Tgt Ion:146 Resp: 325447
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.5
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 59.001 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion:146 Resp: 322352
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.6 56.0
 148 63.9 32.1 96.5

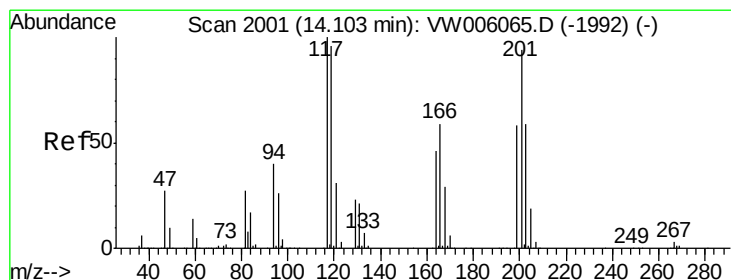
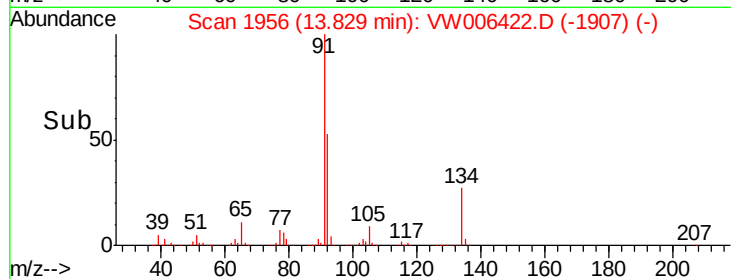
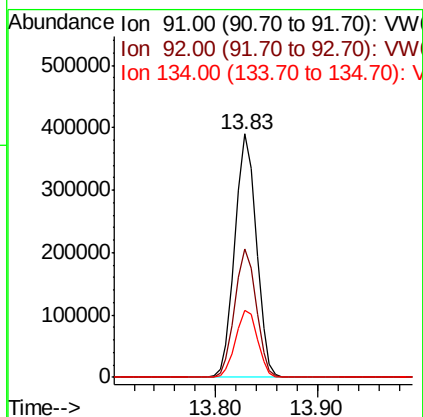
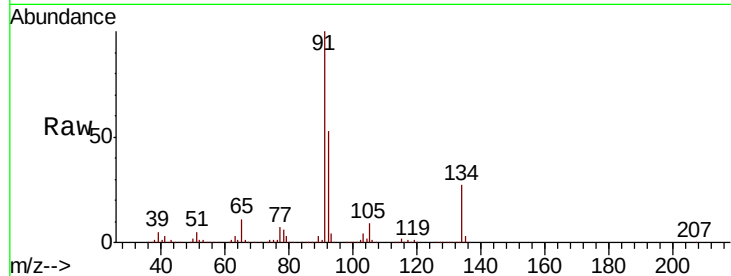




#89
n-Butylbenzene
Concen: 56.993 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

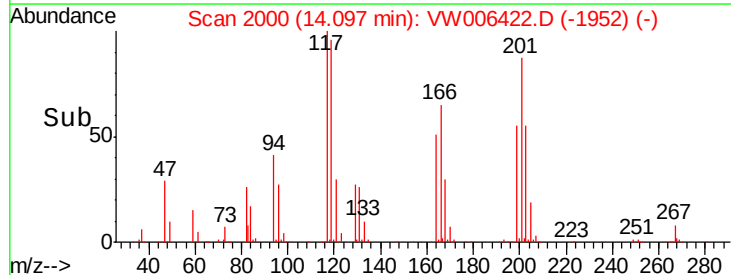
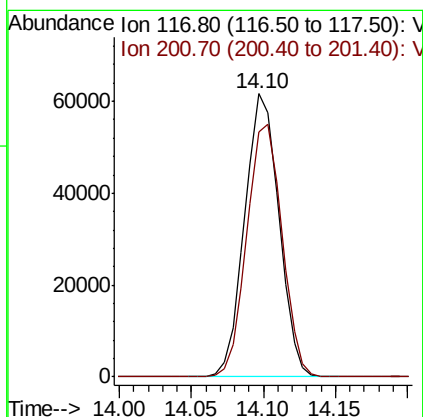
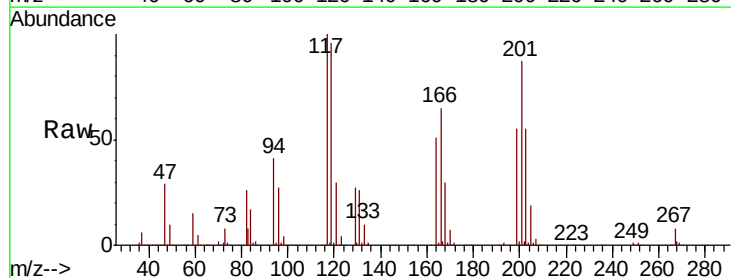
Instrument :
MSVOA_W
ClientSampled :
BFB

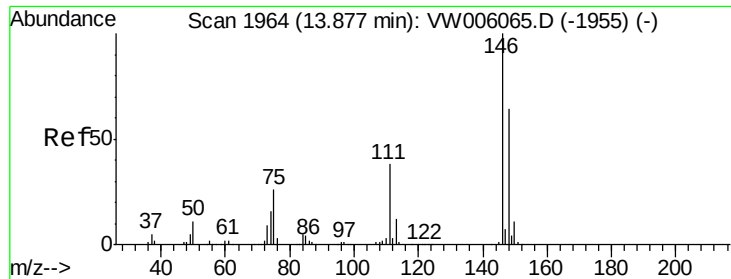
Tgt Ion: 91 Resp: 565497
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.7
134 28.1 14.0 41.9



#90
Hexachloroethane
Concen: 55.363 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion: 117 Resp: 101743
Ion Ratio Lower Upper
117 100
201 91.3 45.3 135.9

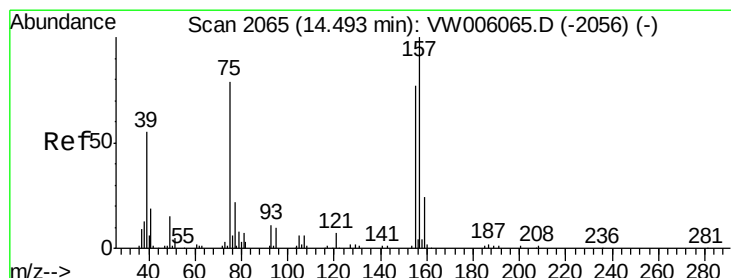
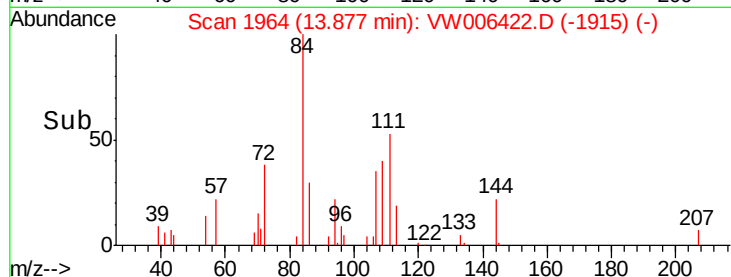
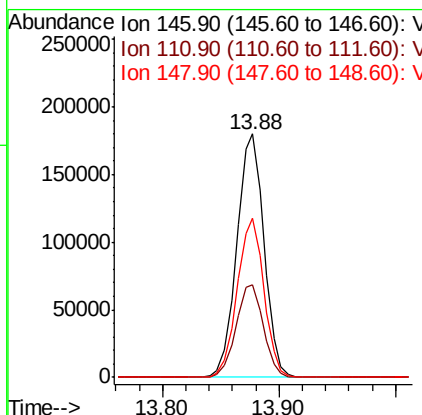
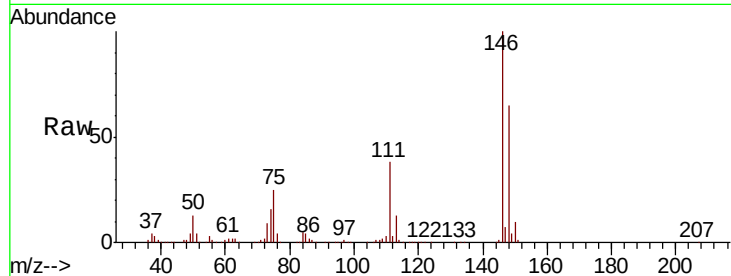




#91
 1,2-Dichlorobenzene
 Concen: 59.726 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

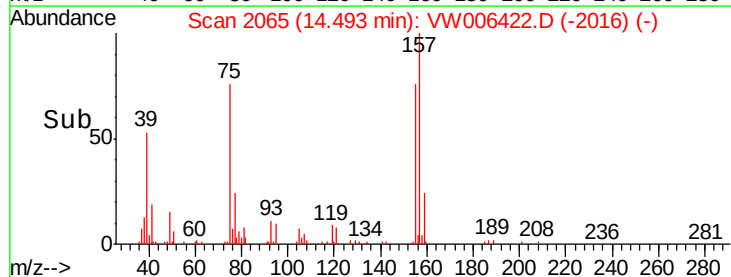
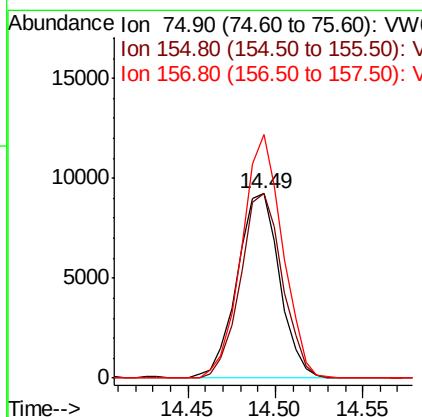
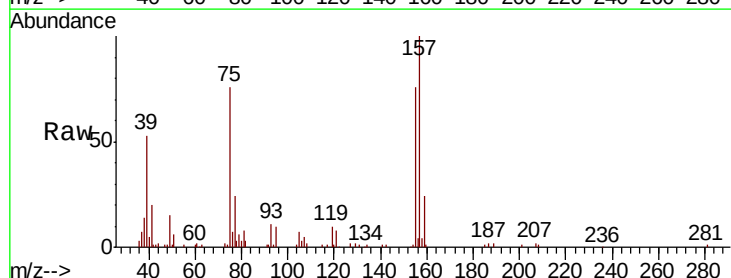
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

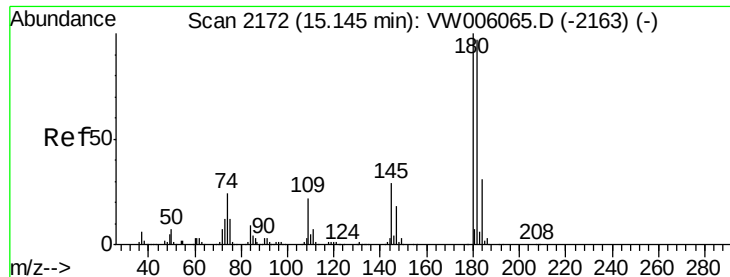
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	64.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.001 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.5	46.5	139.5
157	126.1	59.8	179.4

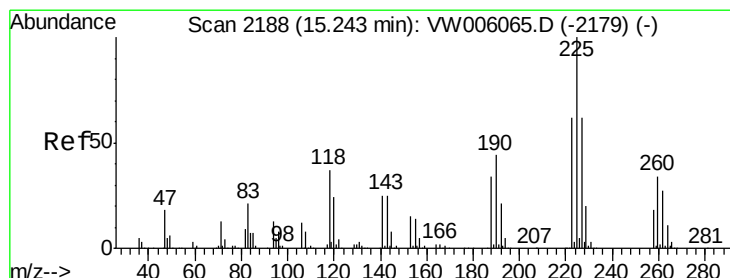
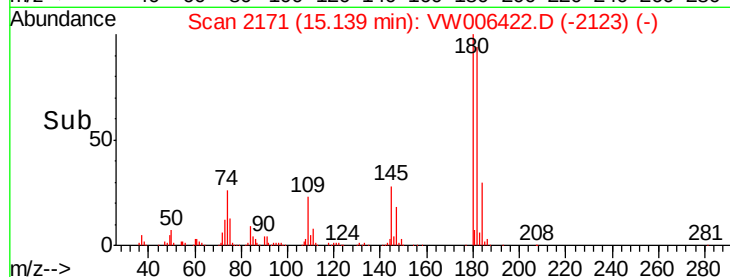
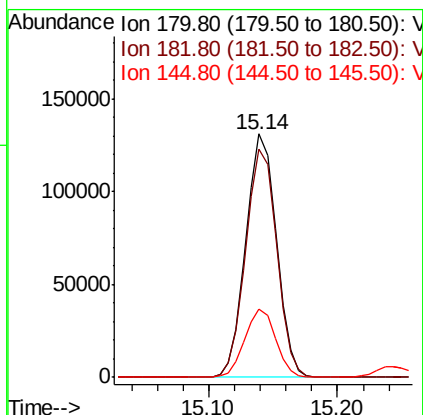
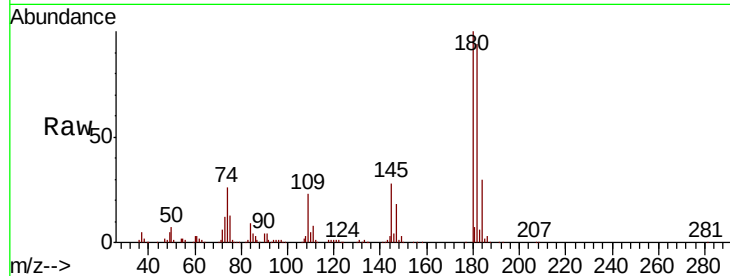




#93
 1,2,4-Trichlorobenzene
 Concen: 57.184 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

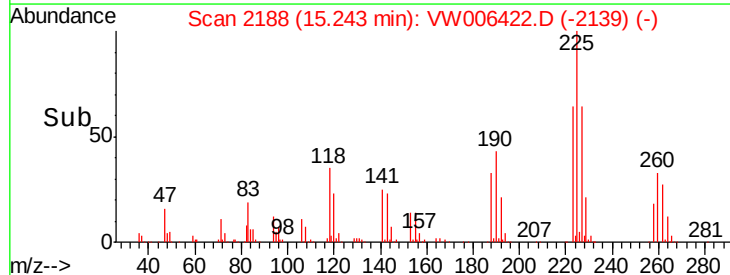
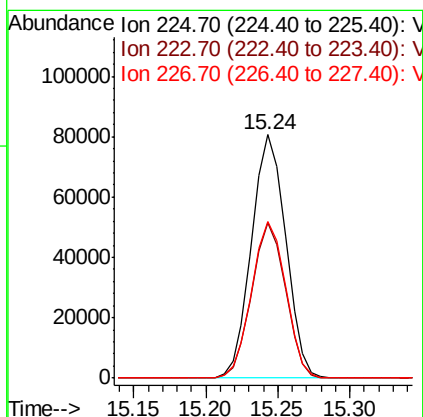
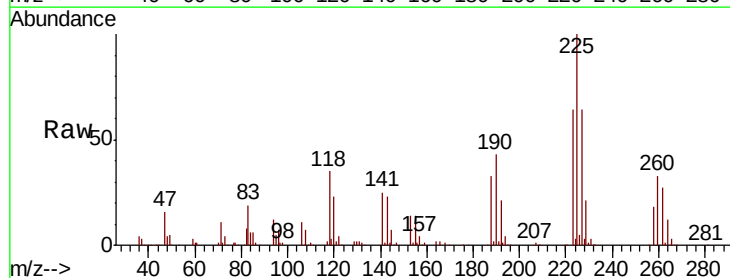
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

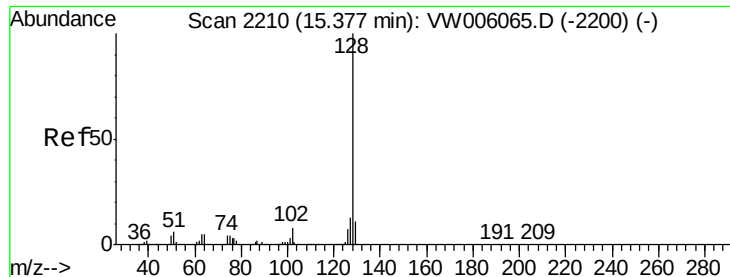
Tgt Ion:180 Resp: 215362
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.6
 145 28.1 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 56.130 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006422.D
 Acq: 27 Oct 2018 00:06

Tgt Ion:225 Resp: 132795
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.5
 227 64.3 32.4 97.0

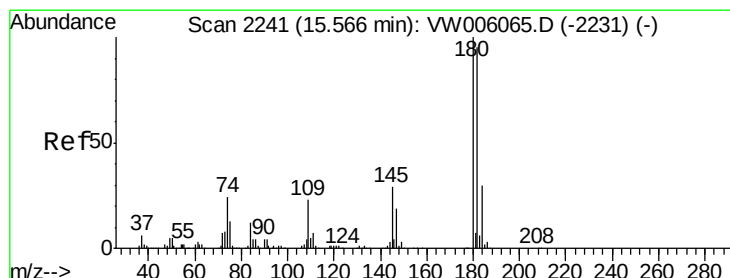
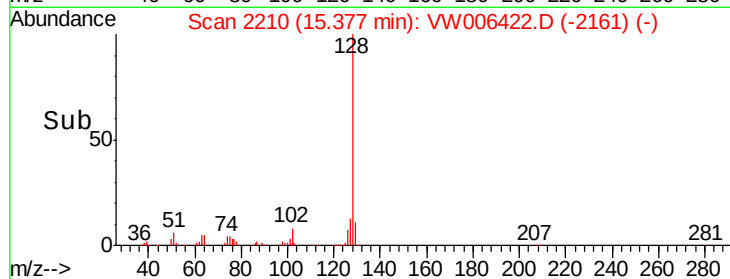
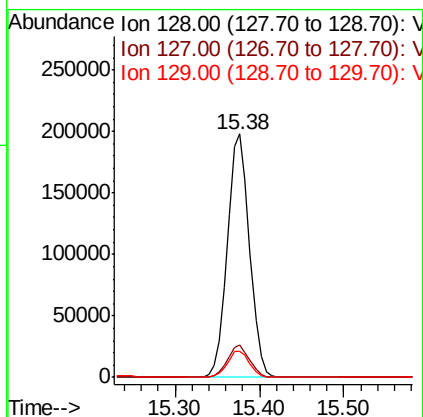
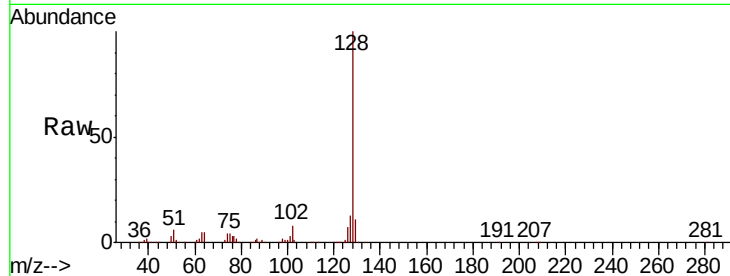




#95
Naphthalene
Concen: 56.447 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:128 Resp: 353643
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.545 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006422.D
Acq: 27 Oct 2018 00:06

Tgt Ion:180 Resp: 187454
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 29.9 15.0 45.1

