

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006601.D
 Acq On : 02 Nov 2018 14:51
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Nov 03 00:24:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	365682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	196013	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	105871	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.88	113	113021	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.32	98	440515	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	157597	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	68894	50.159	ug/l	96
3) Chloromethane	2.21	50	85777	50.474	ug/l	99
4) Vinyl Chloride	2.37	62	123242	51.937	ug/l	100
5) Bromomethane	2.78	94	97130	48.775	ug/l	95
6) Chloroethane	2.93	64	79879	48.179	ug/l	95
7) Trichlorofluoromethane	3.26	101	107014	51.070	ug/l	95
8) Diethyl Ether	3.67	74	52031	45.424	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113604	50.771	ug/l	100
10) Methyl Iodide	4.26	142	183907	45.329	ug/l	99
11) Tert butyl alcohol	5.17	59	31467	256.431	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	107554	49.767	ug/l	95
13) Acrolein	3.89	56	39421	255.421	ug/l	98
14) Allyl chloride	4.66	41	140170	49.688	ug/l	99
15) Acrylonitrile	5.37	53	101654	247.508	ug/l	100
16) Acetone	4.12	43	116309	316.311	ug/l	98
17) Carbon Disulfide	4.37	76	313122	50.914	ug/l	99
18) Methyl Acetate	4.67	43	50023	47.310	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	142688	44.356	ug/l	100
20) Methylene Chloride	4.91	84	112891	47.018	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120436	49.249	ug/l	98
22) Diisopropyl ether	6.31	45	277268	47.145	ug/l	98
23) Vinyl Acetate	6.26	43	808923	248.032	ug/l	100
24) 1,1-Dichloroethane	6.21	63	193670	48.589	ug/l	100
25) 2-Butanone	7.17	43	141596	269.861	ug/l	95
26) 2,2-Dichloropropane	7.17	77	125210	52.149	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	133206	48.688	ug/l	99
28) Bromochloromethane	7.51	49	76134	48.104	ug/l	99
29) Tetrahydrofuran	7.52	42	80776	244.758	ug/l	100
30) Chloroform	7.68	83	208940	47.812	ug/l	96
31) Cyclohexane	7.95	56	177378	48.895	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	184482	49.890	ug/l	99
36) 1,1-Dichloropropene	8.08	75	170543	53.032	ug/l	100
37) Ethyl Acetate	7.26	43	56054	50.299	ug/l	99
38) Carbon Tetrachloride	8.07	117	180003	53.568	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	224115	54.917	ug/l	98
40) Benzene	8.32	78	473600	51.850	ug/l	99
41) Methacrylonitrile	7.48	41	32430	47.457	ug/l	93
42) 1,2-Dichloroethane	8.40	62	129721	49.521	ug/l	100
43) Isopropyl Acetate	8.43	43	112675	50.668	ug/l	98
44) Trichloroethene	9.09	130	144762	51.359	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109166	51.356	ug/l	100
46) Dibromomethane	9.46	93	62503	50.020	ug/l	98
47) Bromodichloromethane	9.65	83	150098	51.734	ug/l	97
48) Methyl methacrylate	9.44	41	53929	50.334	ug/l	99
49) 1,4-Dioxane	9.45	88	20708	1132.386	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	291393	255.136	ug/l	100
52) Toluene	10.39	92	314544	51.342	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147692	52.893	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	173004	52.430	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	88149	49.719	ug/l	98
56) Ethyl methacrylate	10.65	69	101001	50.121	ug/l	96
57) 1,3-Dichloropropane	10.93	76	143286	49.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	230164	234.965	ug/l	100
59) 2-Hexanone	10.97	43	215446	277.740	ug/l	99
60) Dibromochloromethane	11.13	129	109083	51.929	ug/l	98
61) 1,2-Dibromoethane	11.24	107	87050	49.442	ug/l	100
64) Tetrachloroethene	10.87	164	129220	48.179	ug/l	99
65) Chlorobenzene	11.66	112	363087	51.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	127657	51.298	ug/l	99
67) Ethyl Benzene	11.73	91	625558	52.860	ug/l	99
68) m/p-Xylenes	11.84	106	504094	106.618	ug/l	100
69) o-Xylene	12.17	106	237956	52.865	ug/l	99
70) Styrene	12.18	104	386139	52.618	ug/l	100
71) Bromoform	12.35	173	68992	52.300	ug/l #	99
73) Isopropylbenzene	12.47	105	666026	51.580	ug/l	100
74) N-amyl acetate	12.27	43	113124	50.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	100168	49.116	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	129693	84.803	ug/l #	100
77) Bromobenzene	12.75	156	164084	49.080	ug/l	99
78) n-propylbenzene	12.81	91	788256	53.074	ug/l	100
79) 2-Chlorotoluene	12.90	91	436296	51.187	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	569221	52.473	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29240	49.539	ug/l	98
82) 4-Chlorotoluene	12.99	91	464488	51.509	ug/l	100
83) tert-Butylbenzene	13.21	119	510100	52.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	574534	51.635	ug/l	100
85) sec-Butylbenzene	13.39	105	724814	53.496	ug/l	100
86) p-Isopropyltoluene	13.51	119	658838	53.440	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	336149	51.056	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	332973	51.020	ug/l	100
89) n-Butylbenzene	13.83	91	603511	55.146	ug/l	100
90) Hexachloroethane	14.10	117	107879	53.241	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	293843	49.616	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15947	48.190	ug/l	98

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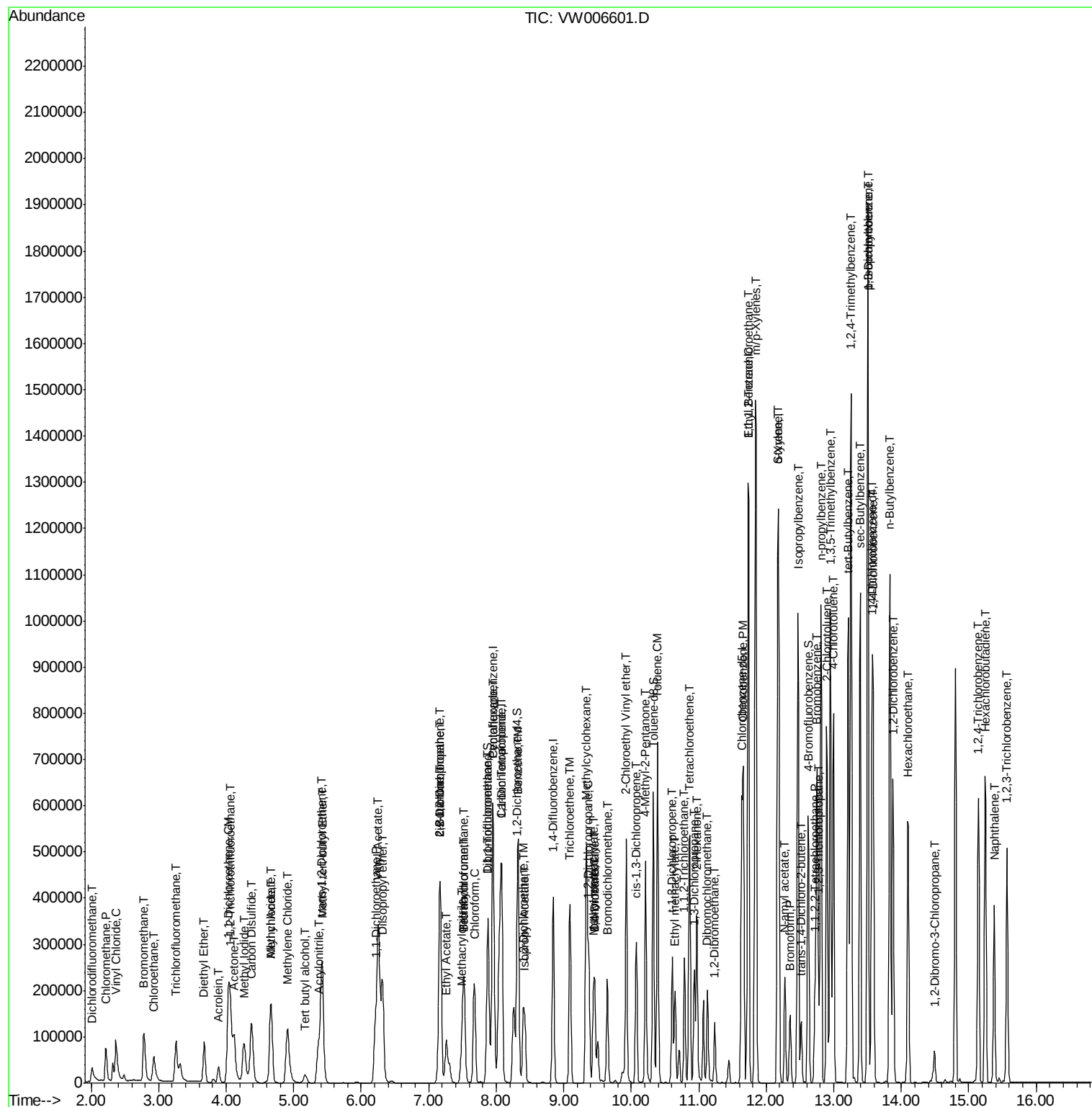
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	222644	50.558	ug/l	100
94) Hexachlorobutadiene	15.24	225	141913	51.706	ug/l	100
95) Naphthalene	15.38	128	351763	49.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	191802	49.557	ug/l	99

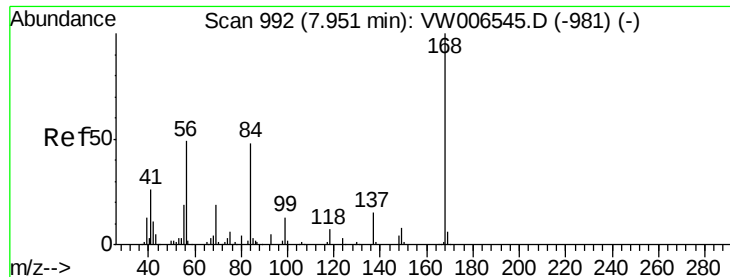
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

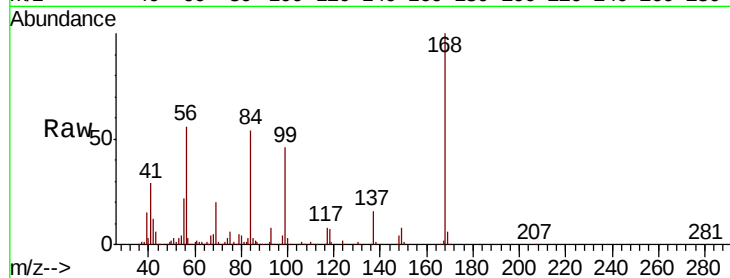
BFB

Tgt Ion:168 Resp: 264953

Ion Ratio Lower Upper

168 100

99 46.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

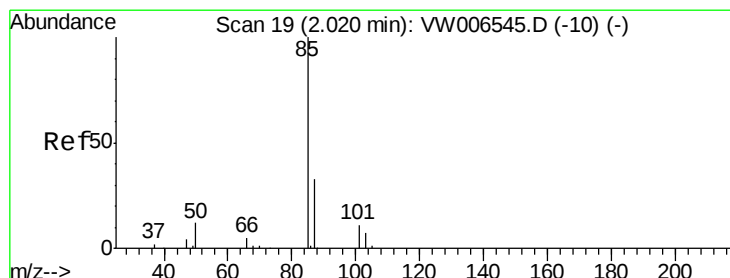
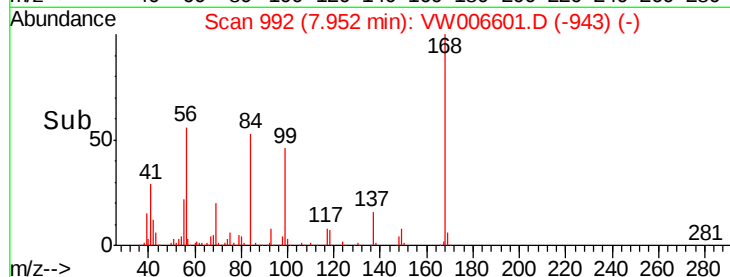
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.159 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006601.D

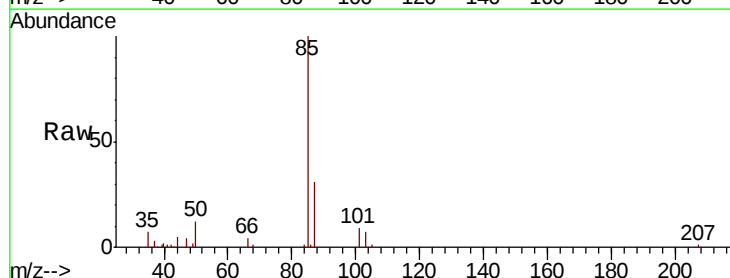
Acq: 02 Nov 2018 14:51

Tgt Ion: 85 Resp: 68894

Ion Ratio Lower Upper

85 100

87 31.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

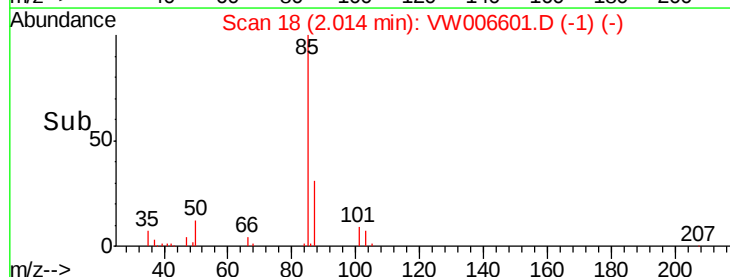
15000

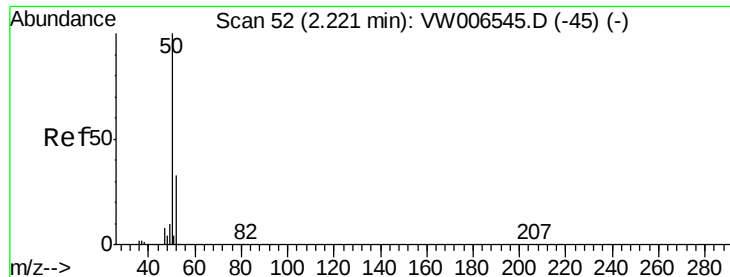
10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.474 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

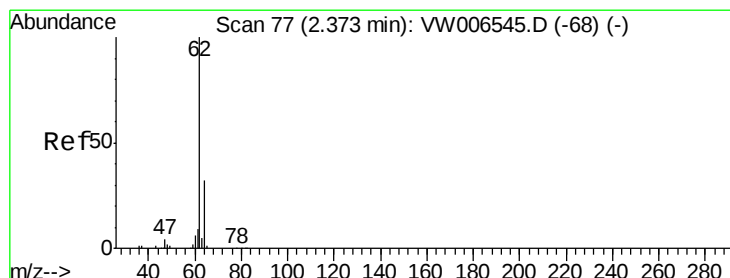
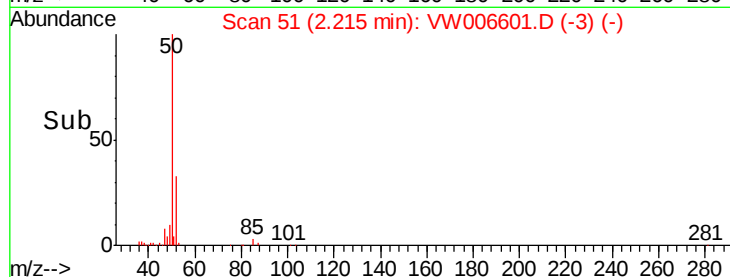
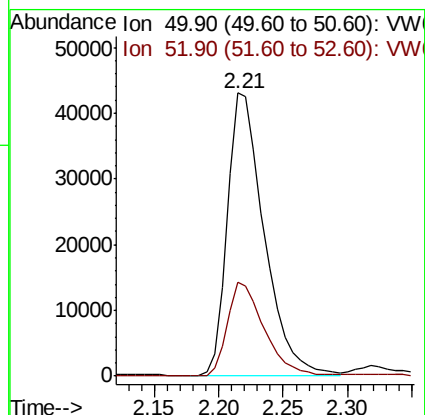
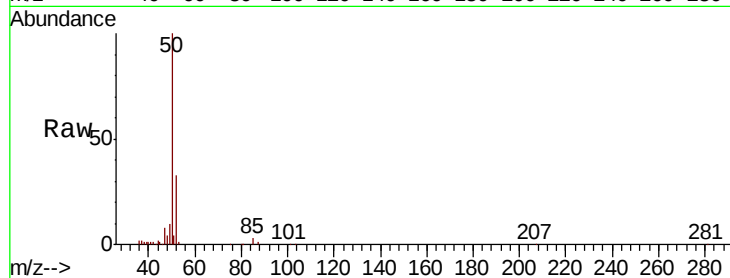
BFB

Tgt Ion: 50 Resp: 85777

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



#4

Vinyl Chloride

Concen: 51.937 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006601.D

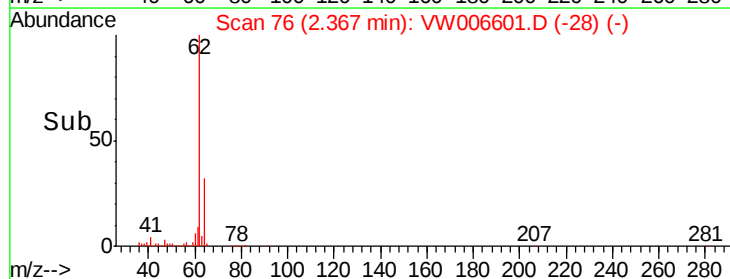
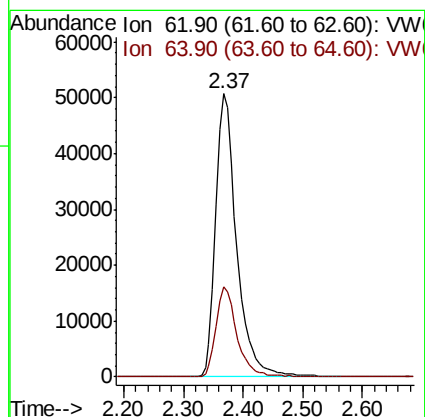
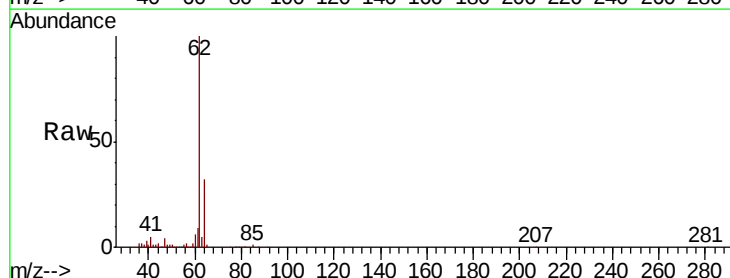
Acq: 02 Nov 2018 14:51

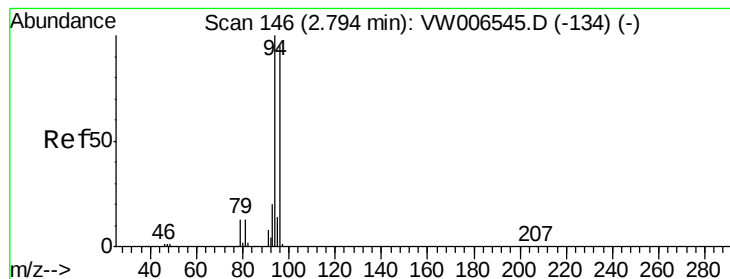
Tgt Ion: 62 Resp: 123242

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 48.775 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

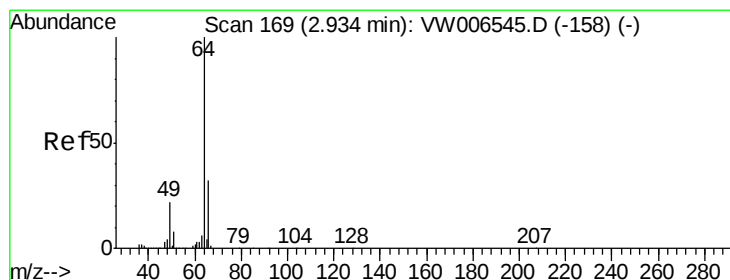
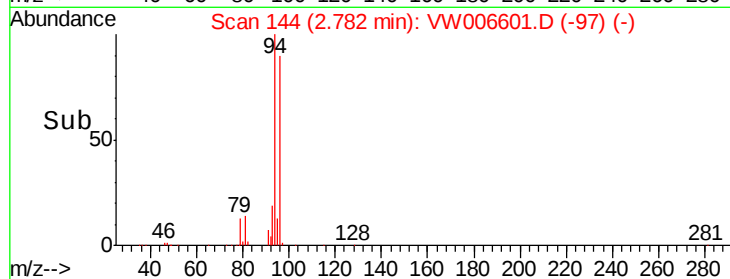
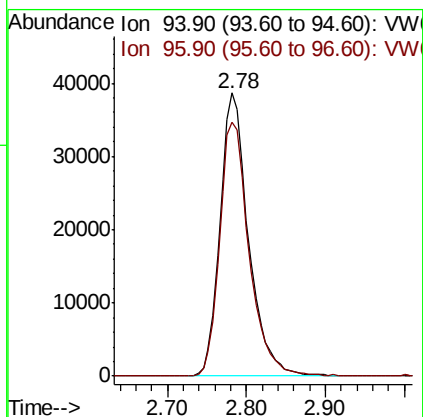
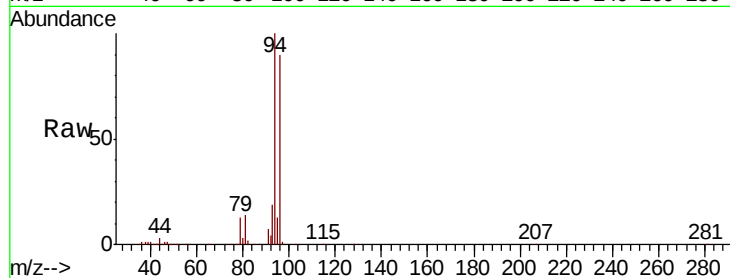
BFB

Tgt Ion: 94 Resp: 97130

Ion Ratio Lower Upper

94 100

96 89.5 75.7 113.5



#6

Chloroethane

Concen: 48.179 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006601.D

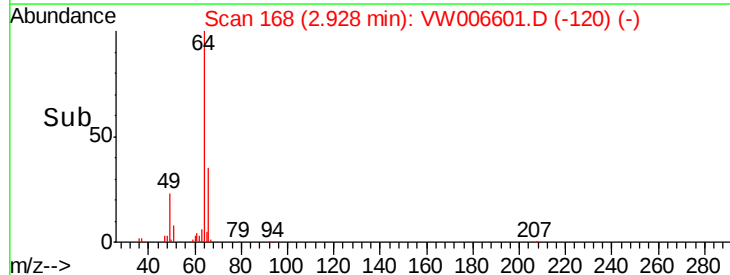
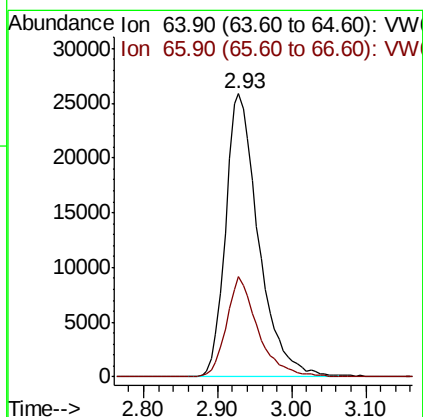
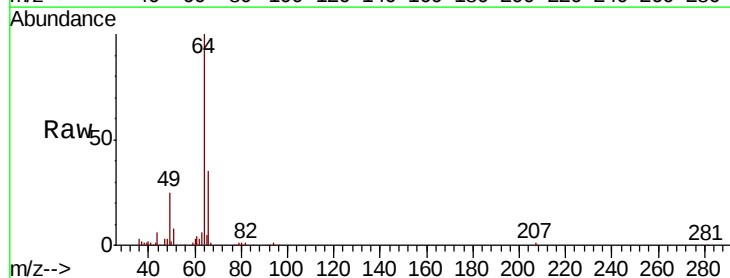
Acq: 02 Nov 2018 14:51

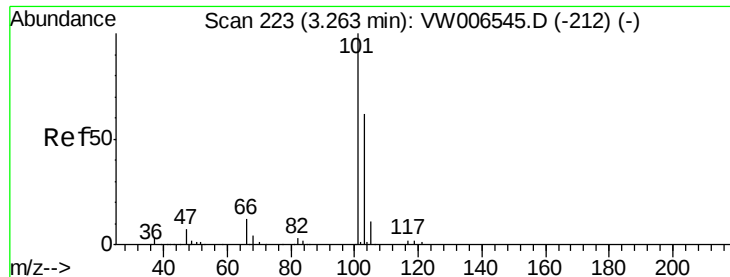
Tgt Ion: 64 Resp: 79879

Ion Ratio Lower Upper

64 100

66 35.2 25.9 38.9



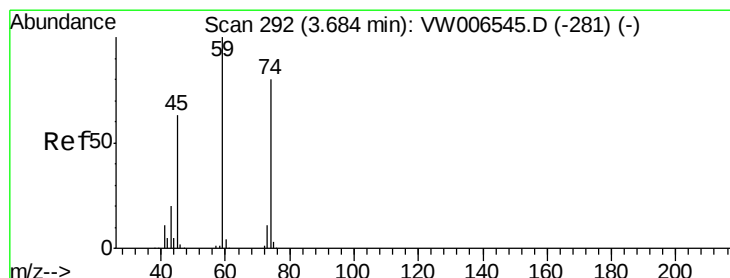
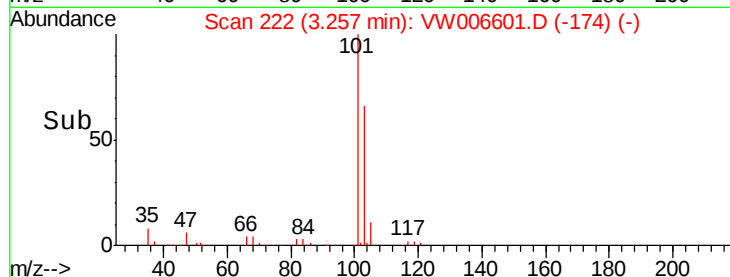
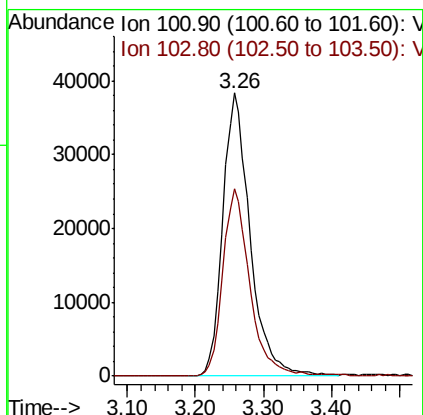
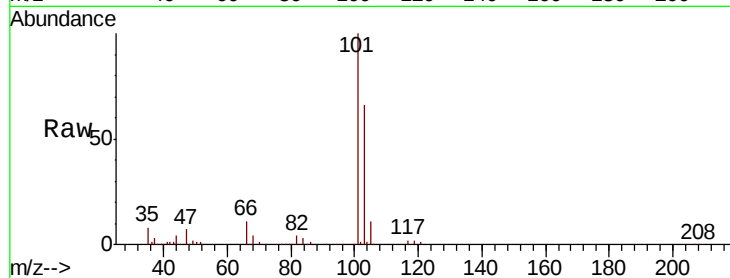


#7

Trichlorofluoromethane
 Concen: 51.070 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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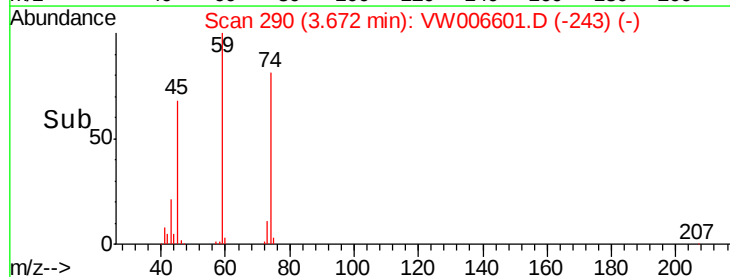
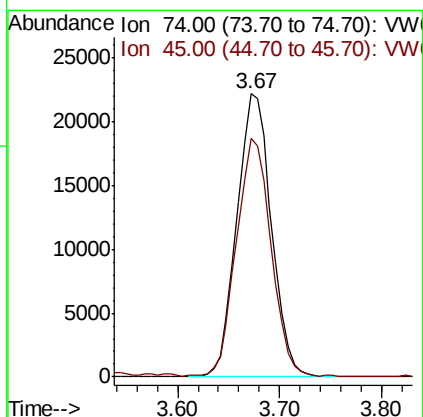
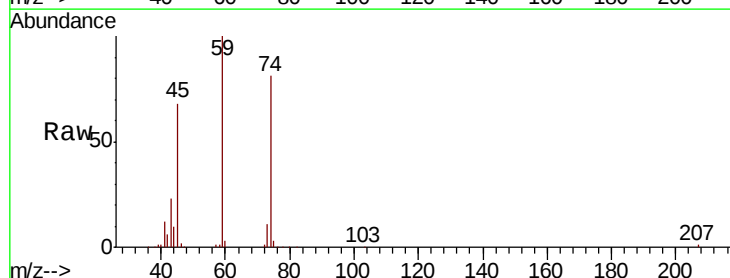
Tgt Ion: 101 Resp: 107014
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.8 74.8

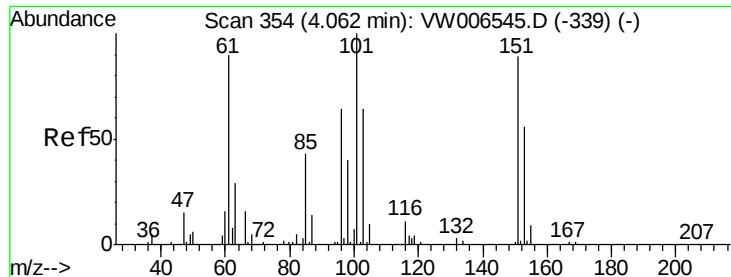


#8

Diethyl Ether
 Concen: 45.424 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 74 Resp: 52031
 Ion Ratio Lower Upper
 74 100
 45 85.5 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.771 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

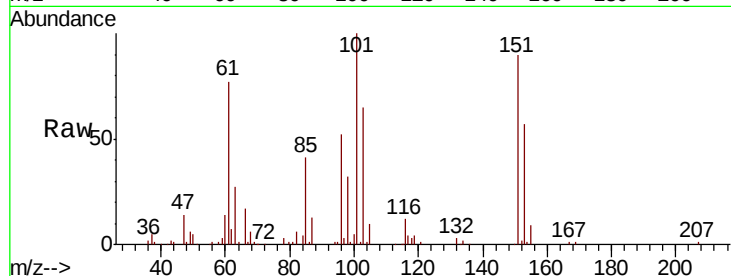
Tgt Ion:101 Resp: 113604

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.2

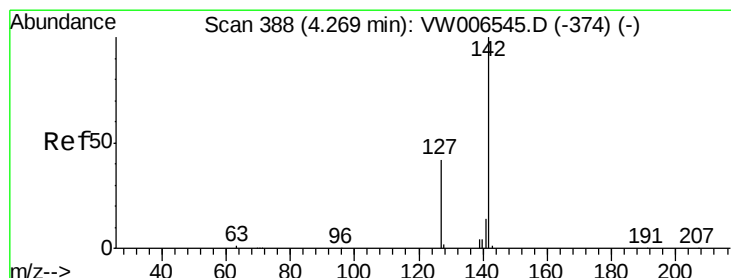
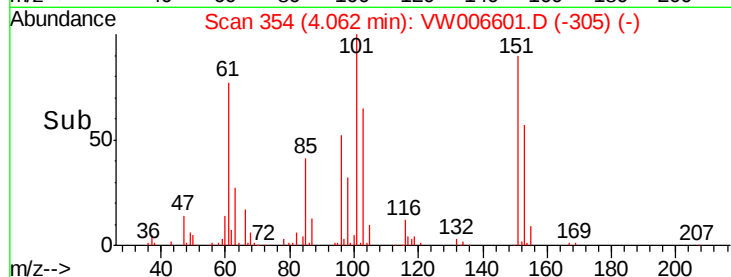
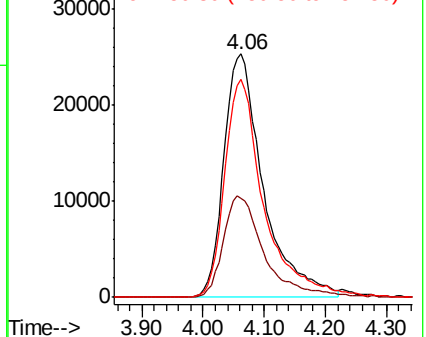
151 88.8 70.7 106.1



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: 45.329 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

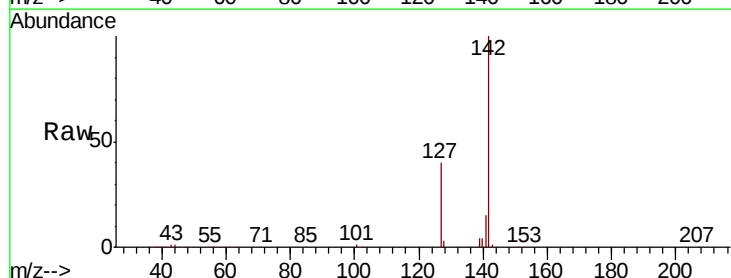
Tgt Ion:142 Resp: 183907

Ion Ratio Lower Upper

142 100

127 40.9 32.3 48.5

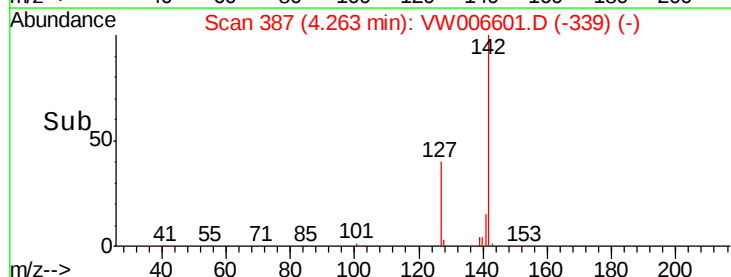
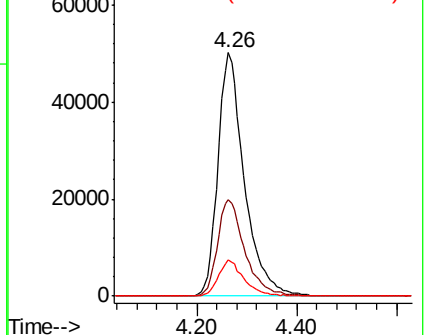
141 14.5 11.3 16.9

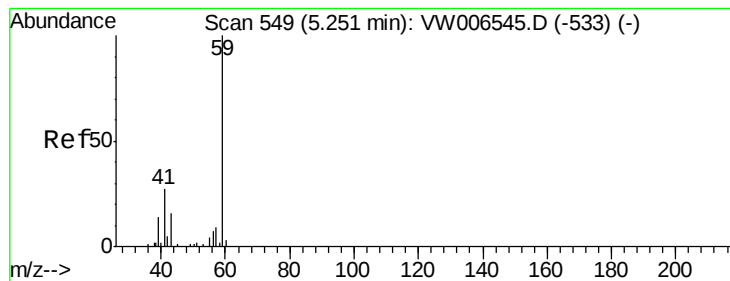


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



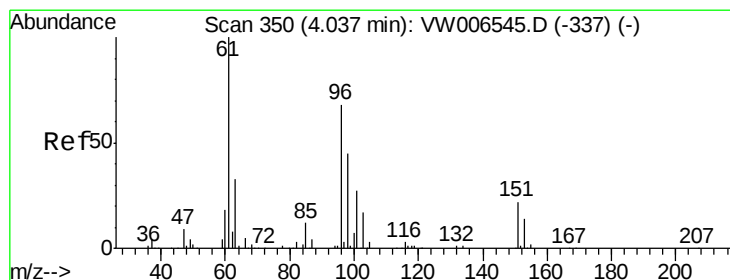
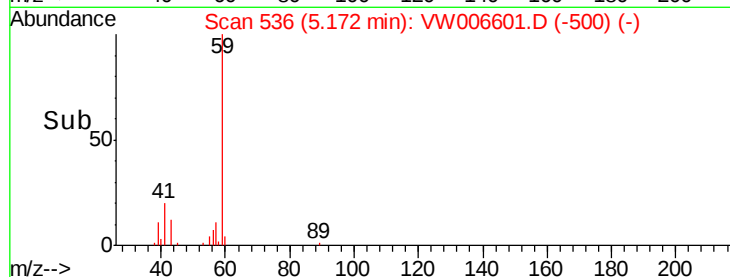
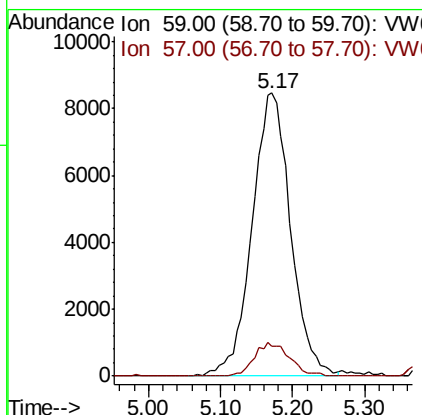
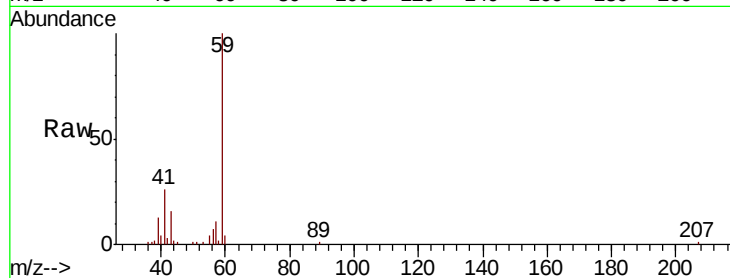


#11

Tert butyl alcohol
 Concen: 256.431 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.08 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

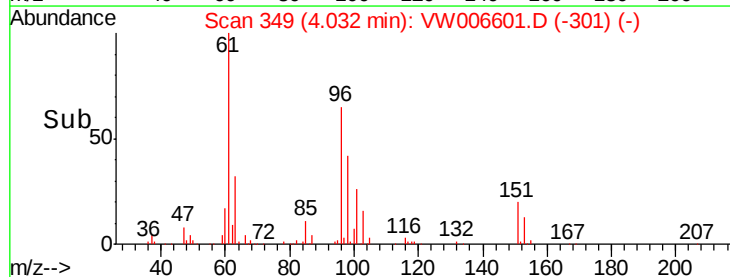
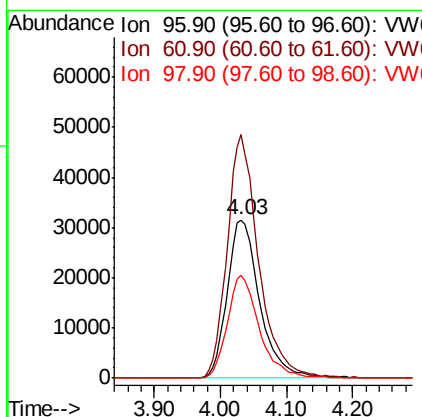
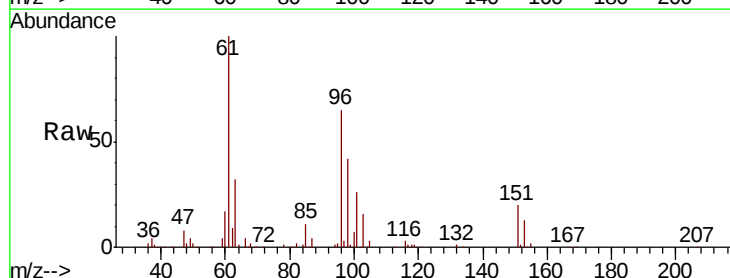
Tgt Ion: 59 Resp: 31467
 Ion Ratio Lower Upper
 59 100
 57 10.8 4.3 6.5#

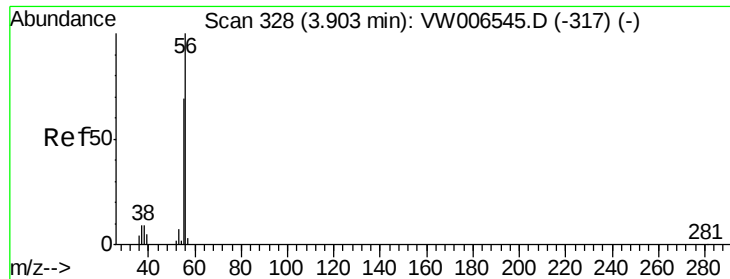


#12

1,1-Dichloroethene
 Concen: 49.767 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 96 Resp: 107554
 Ion Ratio Lower Upper
 96 100
 61 154.3 117.0 175.4
 98 65.3 52.5 78.7





#13

Acrolein

Concen: 255.421 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.02 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

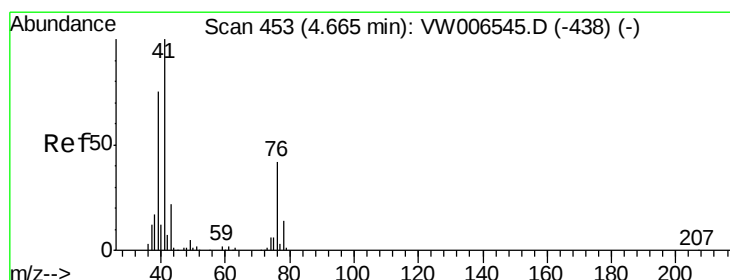
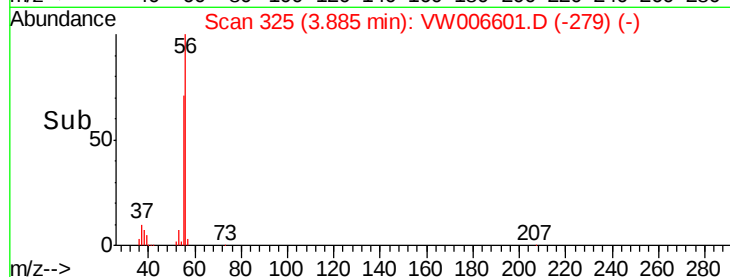
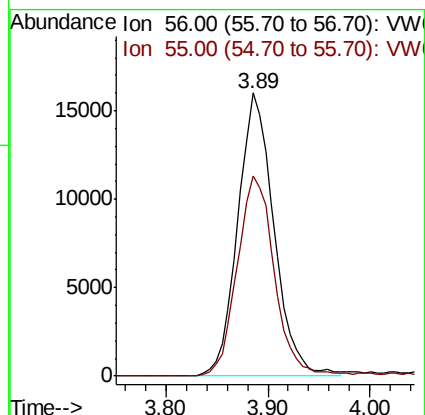
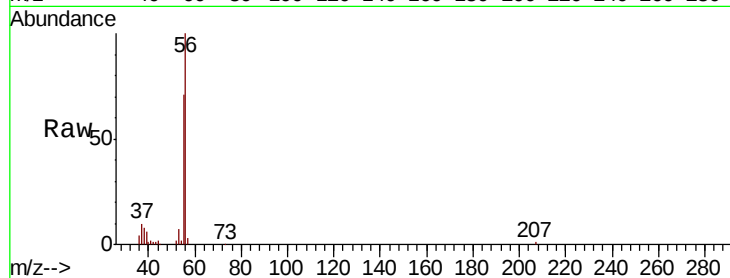
BFB

Tgt Ion: 56 Resp: 39421

Ion Ratio Lower Upper

56 100

55 72.7 56.9 85.3



#14

Allyl chloride

Concen: 49.688 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

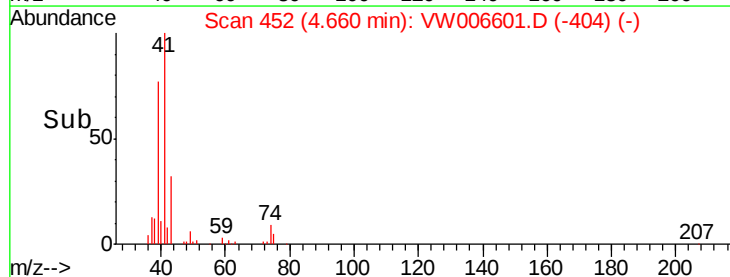
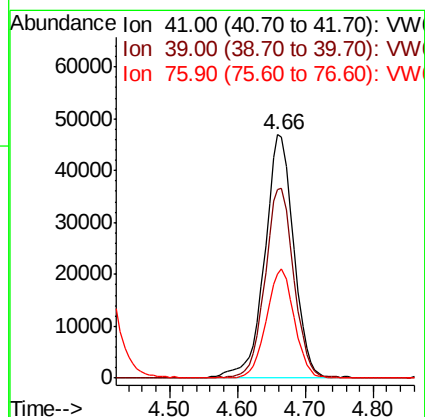
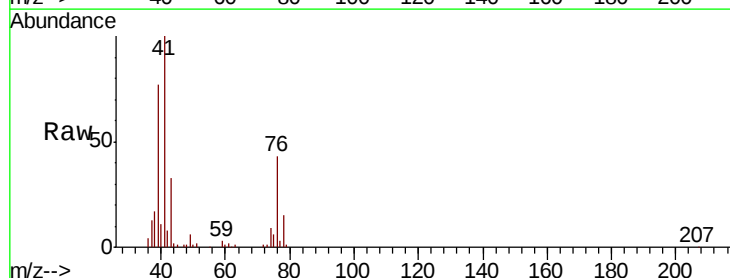
Tgt Ion: 41 Resp: 140170

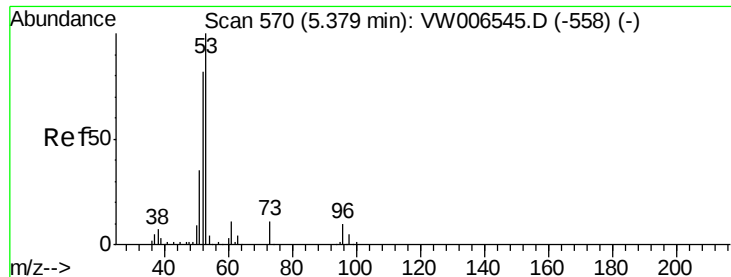
Ion Ratio Lower Upper

41 100

39 76.9 62.1 93.1

76 43.1 34.2 51.2





#15

Acrylonitrile

Concen: 247.508 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

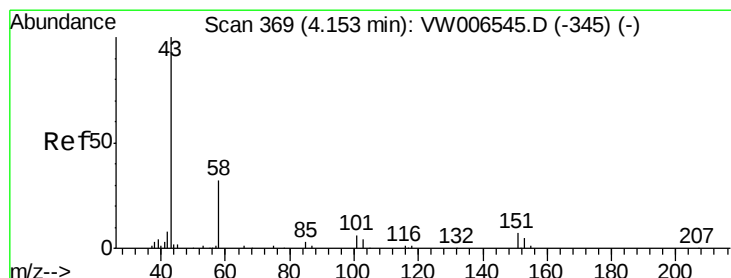
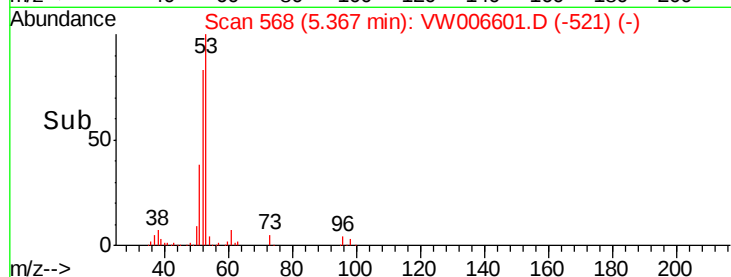
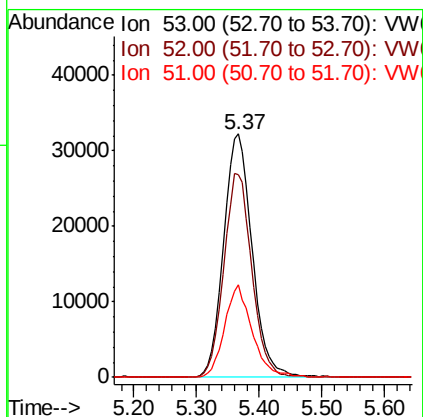
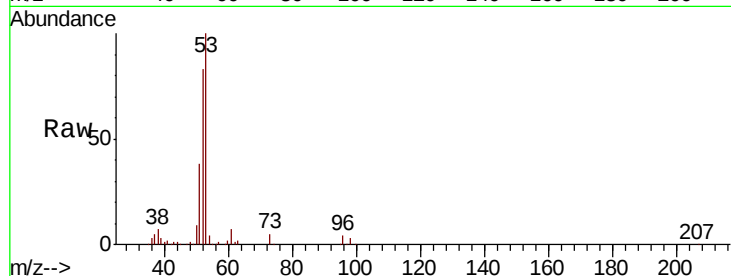
Tgt Ion: 53 Resp: 101654

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.8

51 36.9 29.6 44.4



#16

Acetone

Concen: 316.311 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006601.D

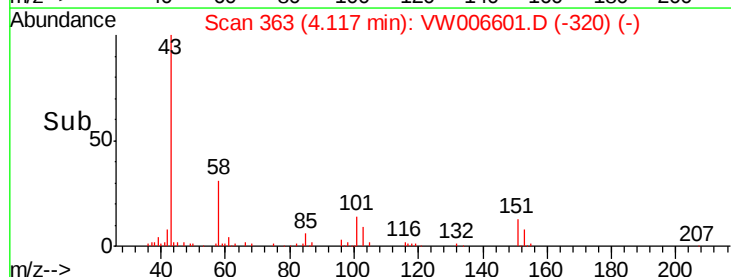
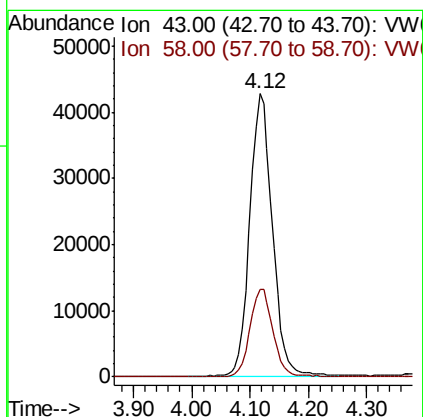
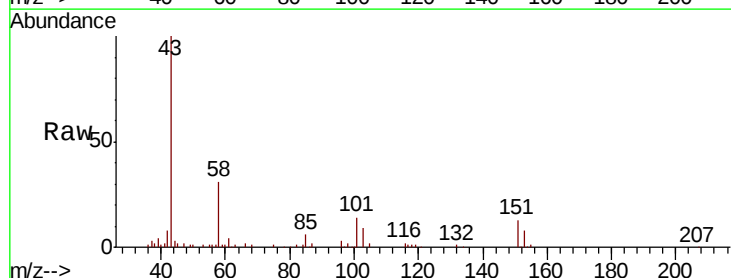
Acq: 02 Nov 2018 14:51

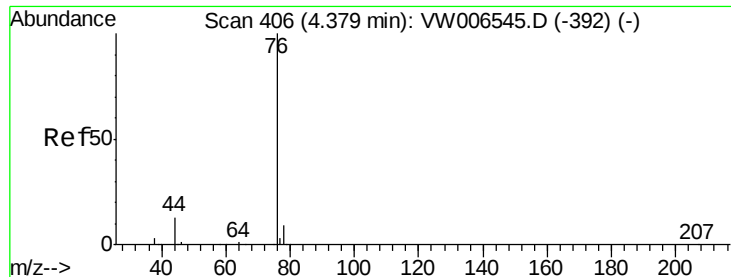
Tgt Ion: 43 Resp: 116309

Ion Ratio Lower Upper

43 100

58 31.0 25.8 38.8

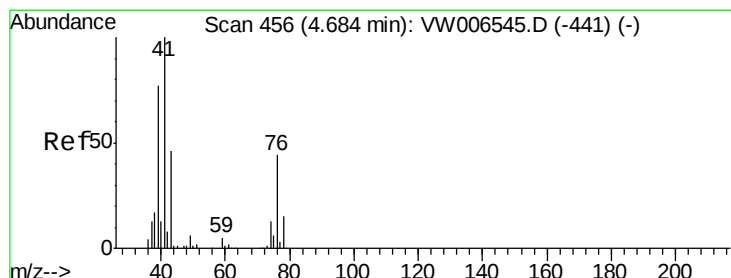
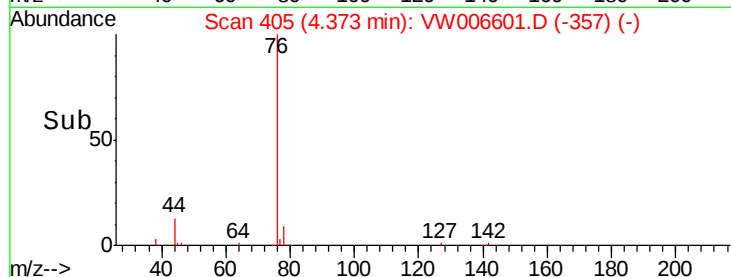
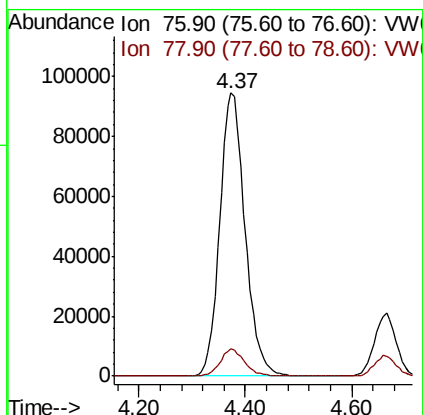
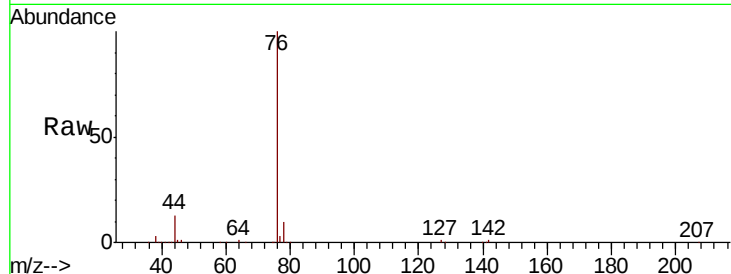




#17
Carbon Disulfide
Concen: 50.914 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

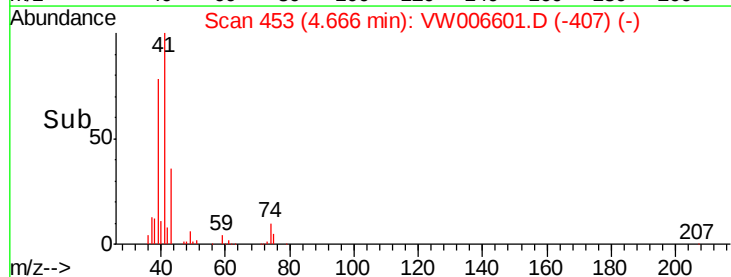
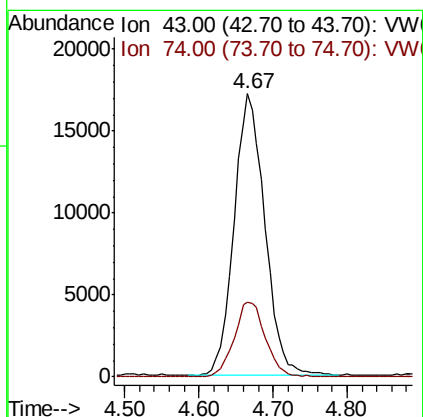
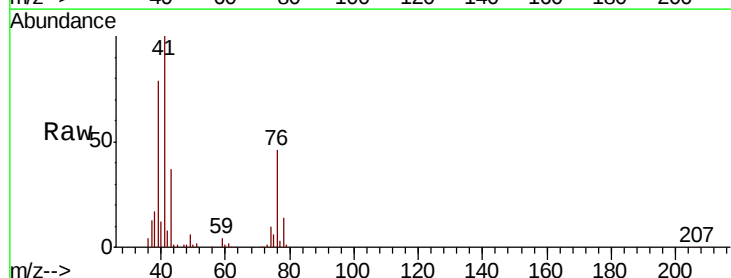
Instrument :
MSVOA_W
ClientSampled :
BFB

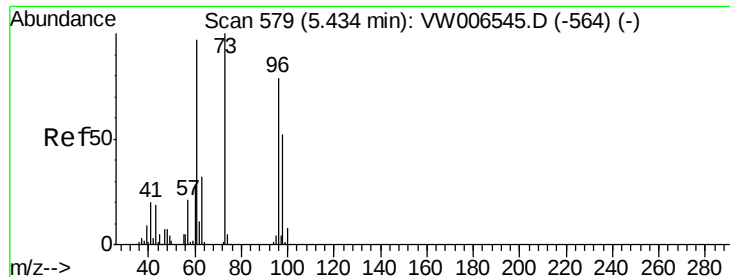
Tgt Ion: 76 Resp: 313122
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 47.310 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 43 Resp: 50023
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9



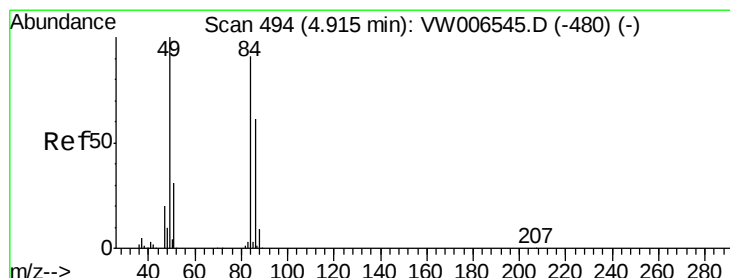
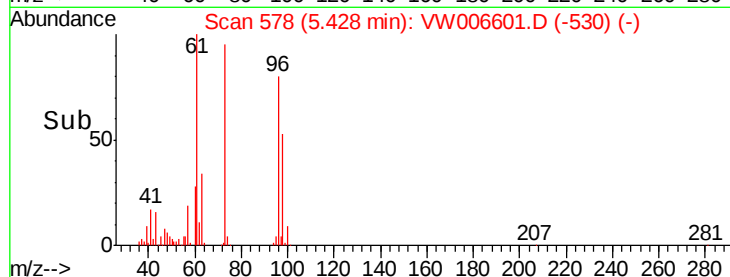
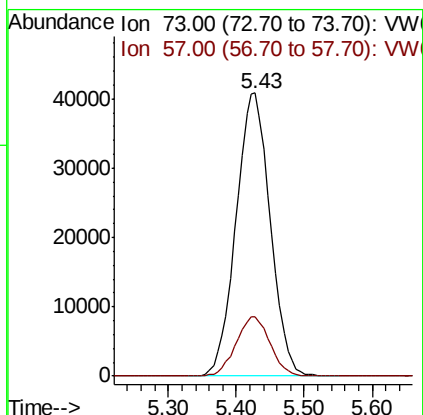
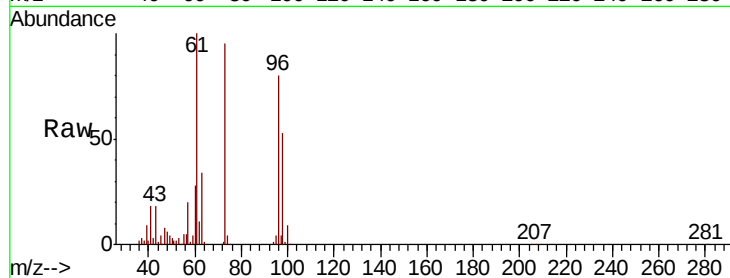


#19

Methyl tert-butyl Ether
 Concen: 44.356 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

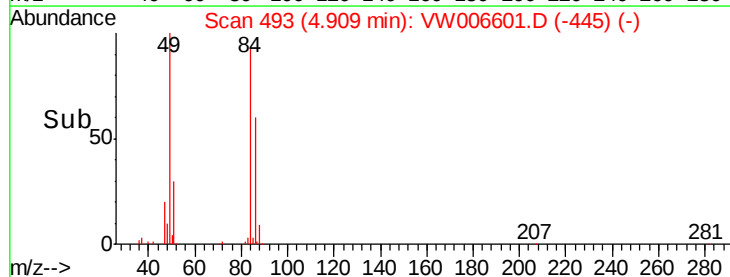
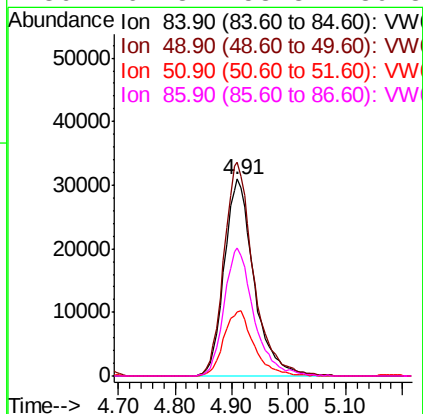
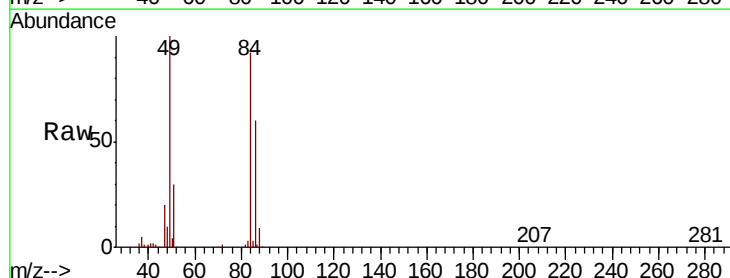
Tgt Ion: 73 Resp: 142688
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.7 25.1

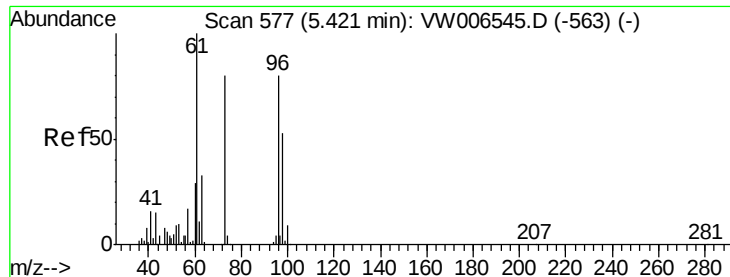


#20

Methylene Chloride
 Concen: 47.018 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 84 Resp: 112891
 Ion Ratio Lower Upper
 84 100
 49 108.6 88.2 132.4
 51 32.7 27.0 40.6
 86 64.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 49.249 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

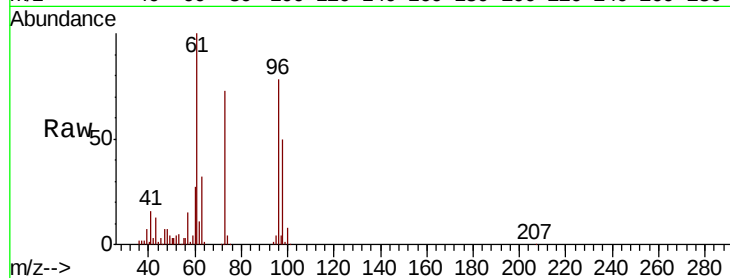
Tgt Ion: 96 Resp: 120436

Ion Ratio Lower Upper

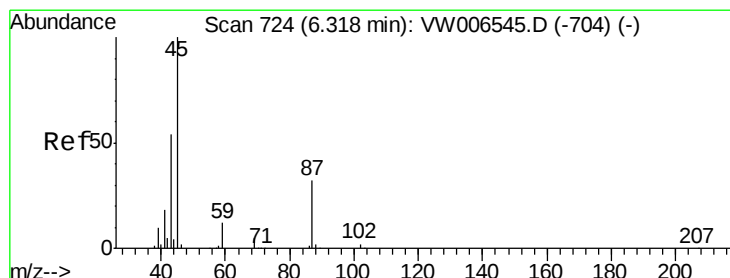
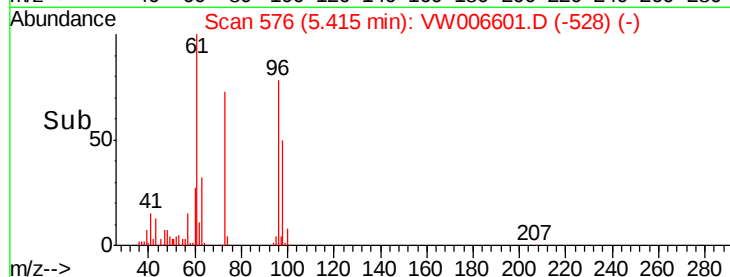
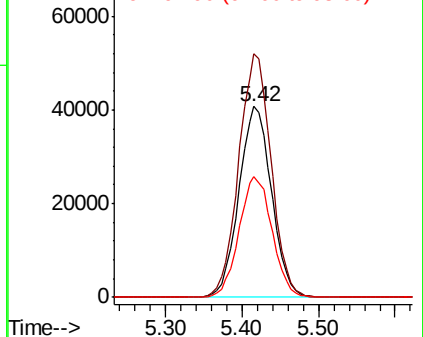
96 100

61 127.7 100.6 150.8

98 63.3 52.9 79.3



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: 47.145 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion: 45 Resp: 277268

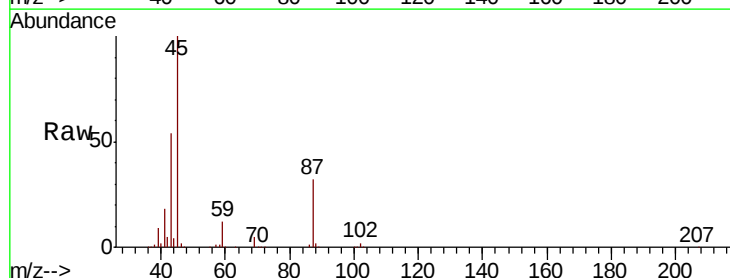
Ion Ratio Lower Upper

45 100

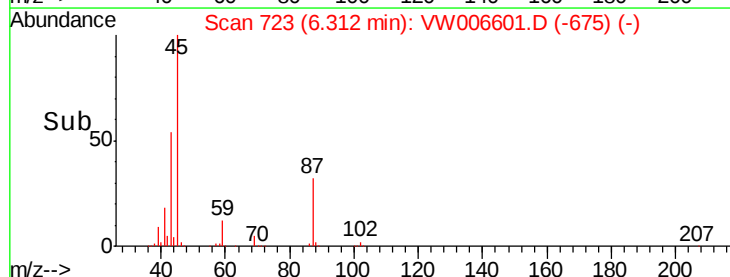
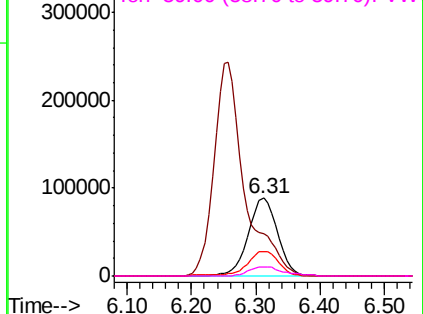
43 53.4 43.6 65.4

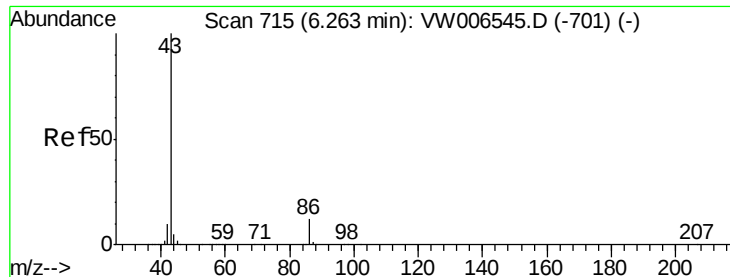
87 32.0 26.3 39.5

59 11.9 9.8 14.8



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: 248.032 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

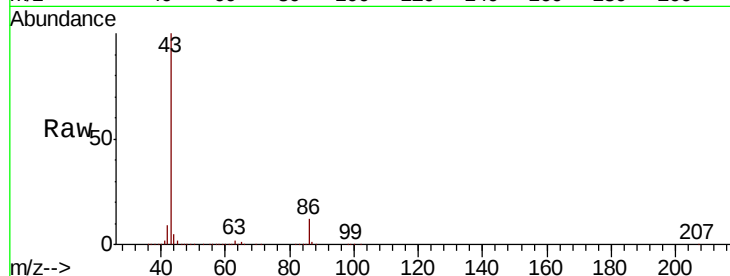
BFB

Tgt Ion: 43 Resp: 808923

Ion Ratio Lower Upper

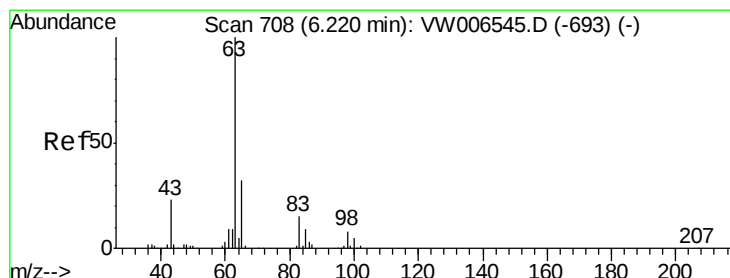
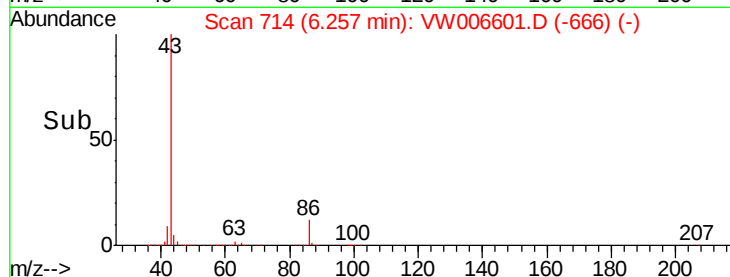
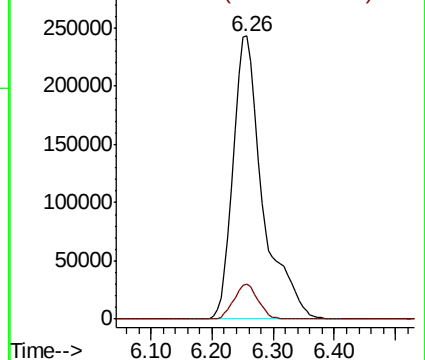
43 100

86 12.4 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.589 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

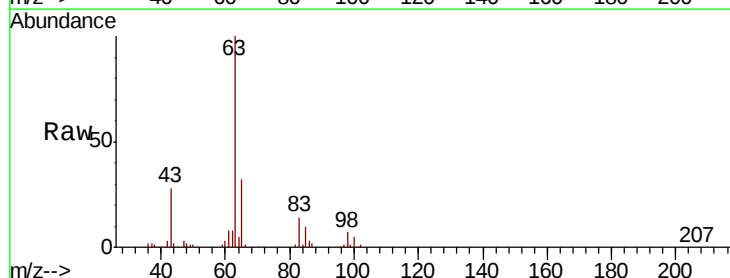
Tgt Ion: 63 Resp: 193670

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

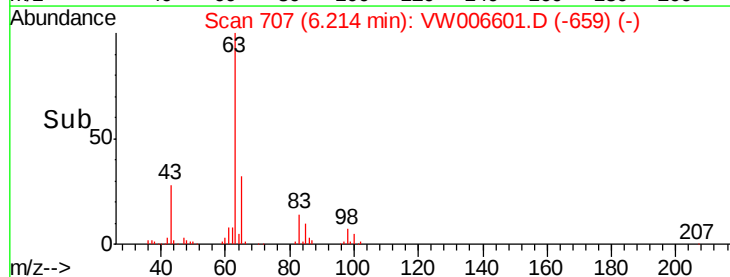
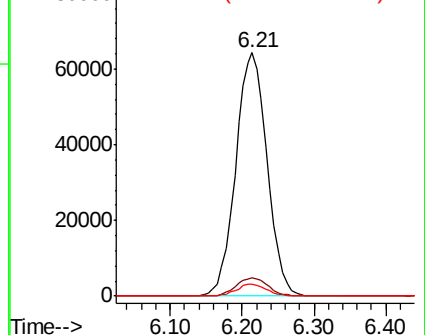
100 4.8 2.4 7.2

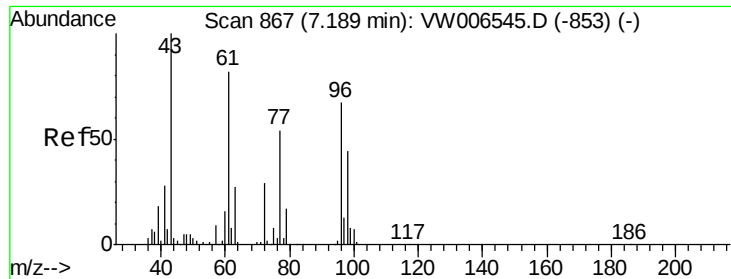


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

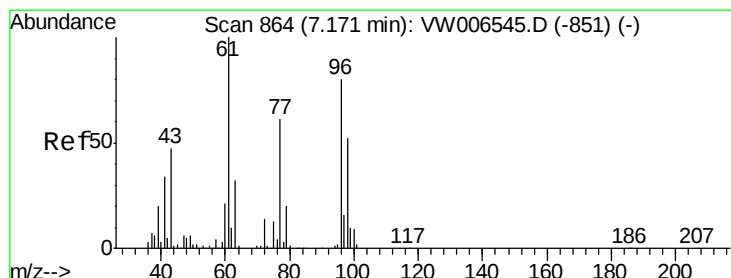
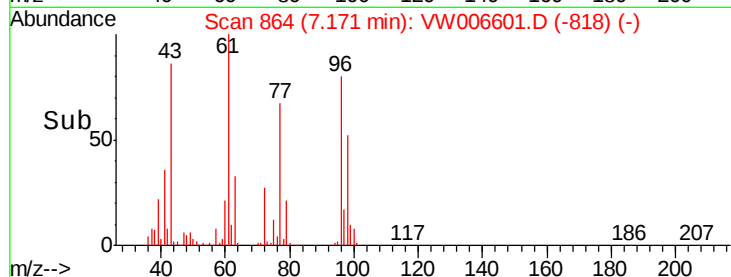
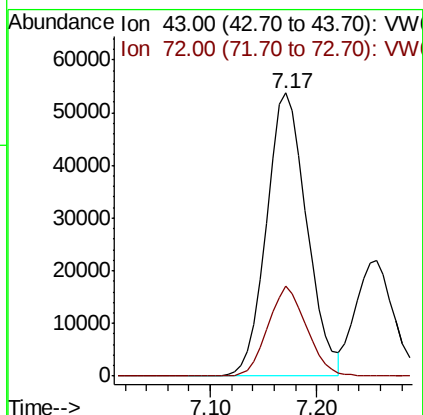
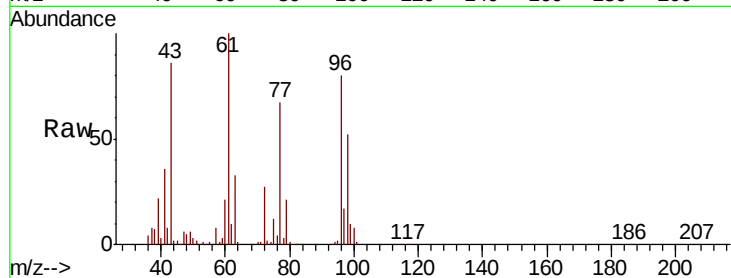




#25
2-Butanone
Concen: 269.861 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

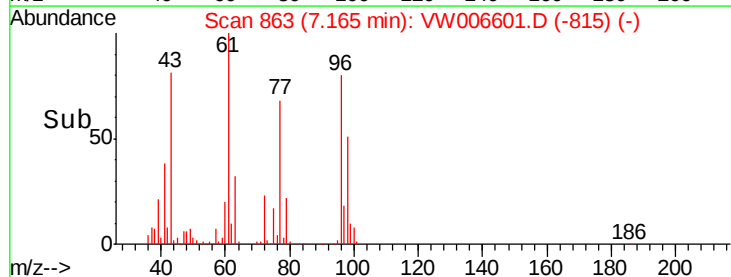
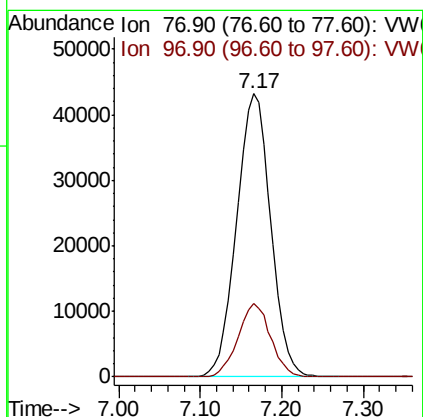
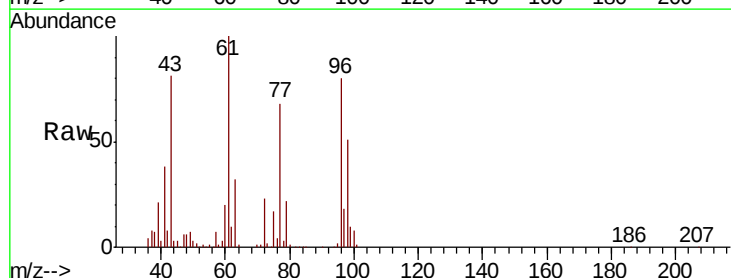
Instrument :
MSVOA_W
ClientSampled :
BFB

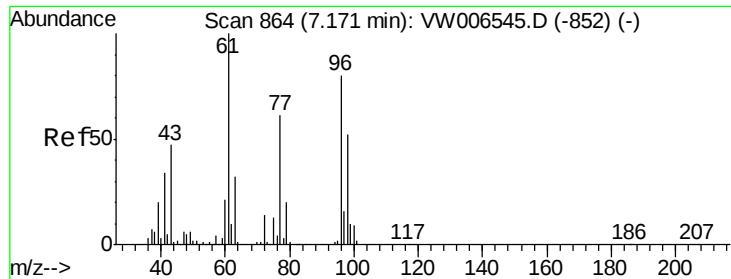
Tgt Ion: 43 Resp: 141596
Ion Ratio Lower Upper
43 100
72 31.8 23.2 34.8



#26
2,2-Dichloropropane
Concen: 52.149 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 77 Resp: 125210
Ion Ratio Lower Upper
77 100
97 24.7 12.8 38.4



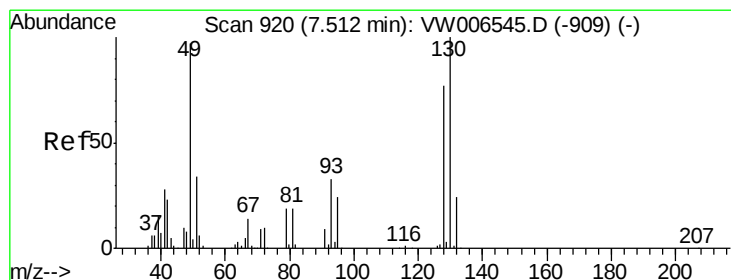
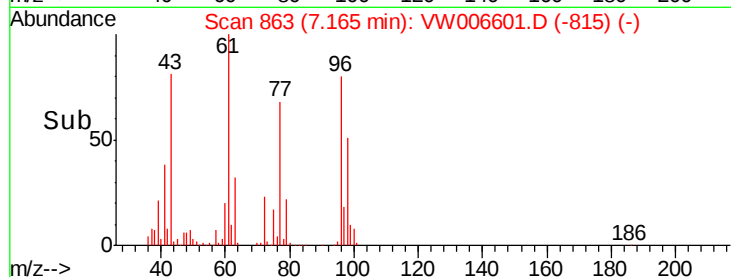
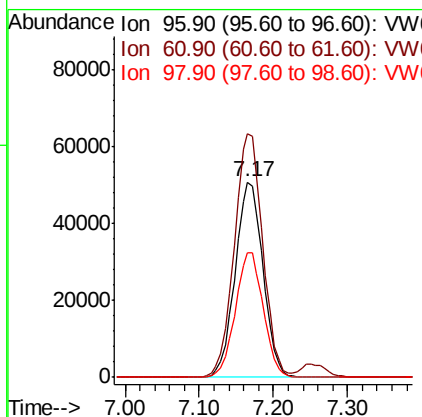
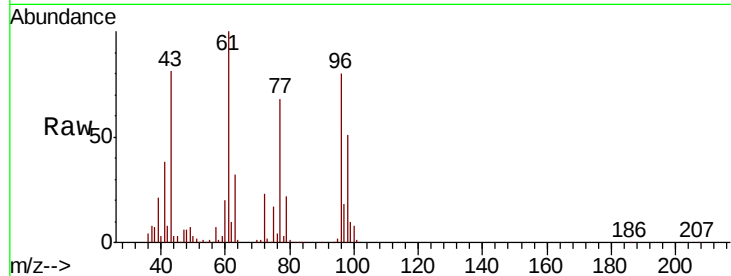


#27

cis-1,2-Dichloroethene
 Concen: 48.688 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

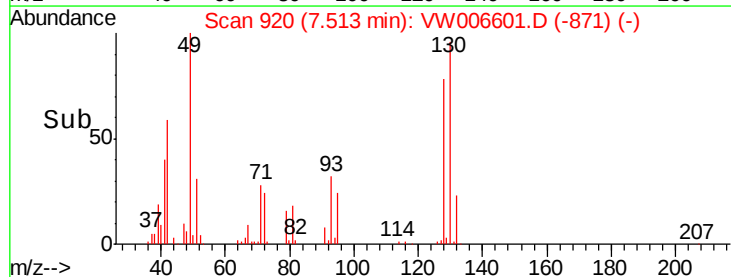
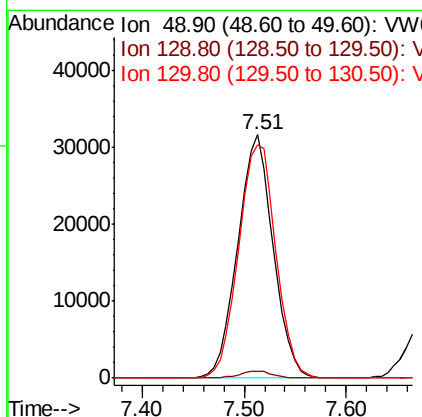
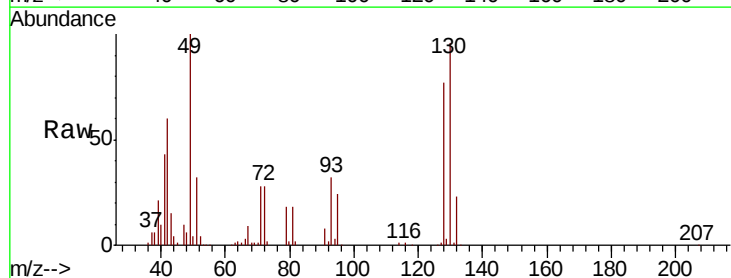
Tgt Ion: 96 Resp: 133206
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 254.2
 98 64.0 0.0 129.6

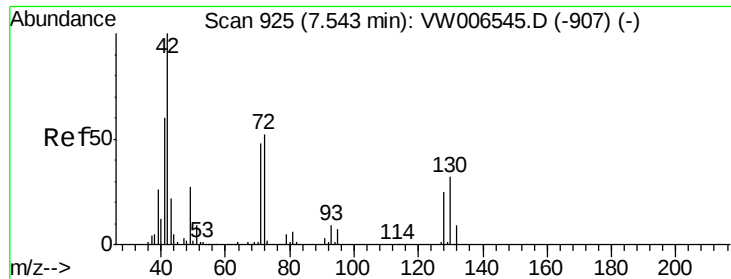


#28

Bromochloromethane
 Concen: 48.104 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 49 Resp: 76134
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.6
 130 101.2 82.2 123.2

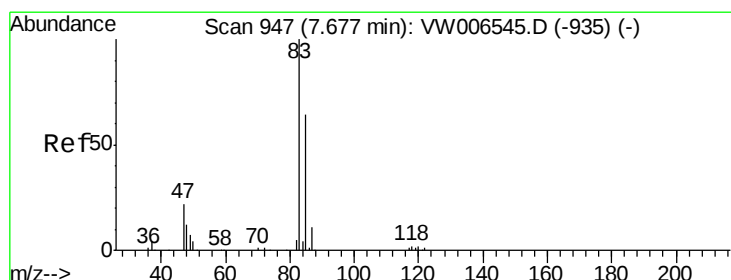
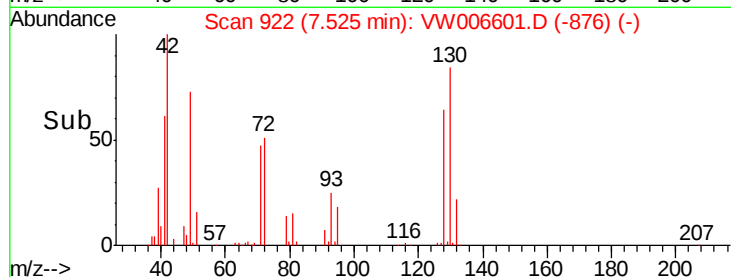
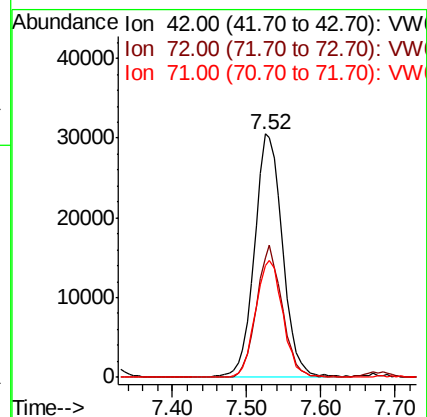
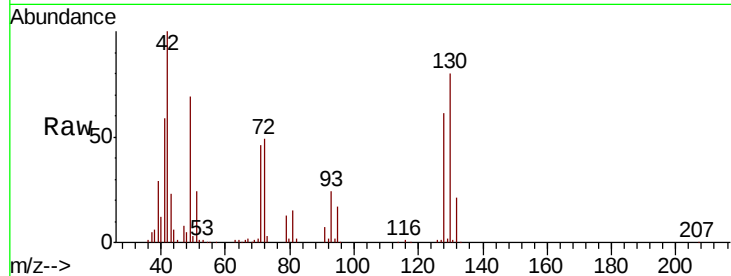




#29
Tetrahydrofuran
Concen: 244.758 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.02 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

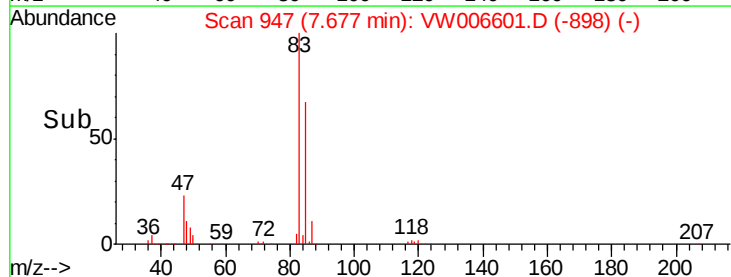
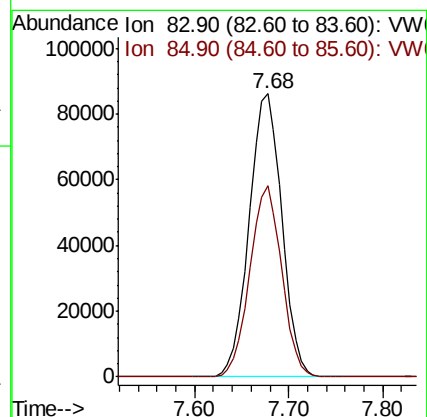
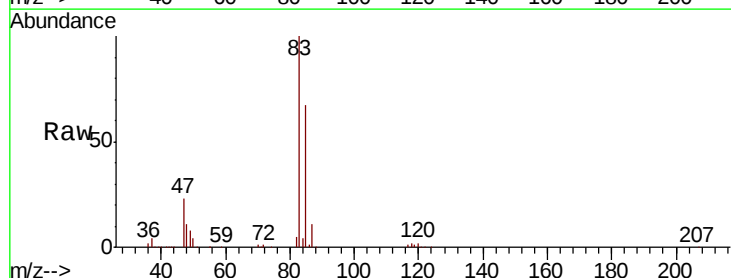
Instrument :
MSVOA_W
ClientSampled :
BFB

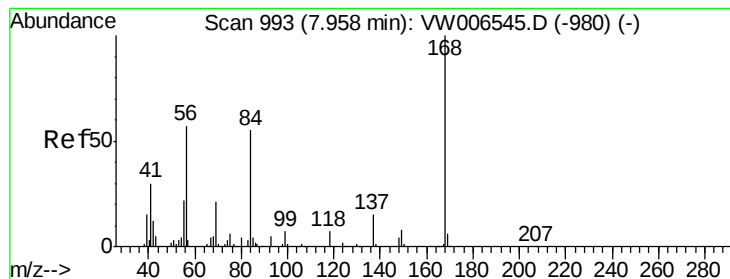
Tgt Ion: 42 Resp: 80776
Ion Ratio Lower Upper
42 100
72 49.3 39.2 58.8
71 46.9 37.6 56.4



#30
Chloroform
Concen: 47.812 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 83 Resp: 208940
Ion Ratio Lower Upper
83 100
85 67.4 51.3 76.9





#31

Cyclohexane

Concen: 48.895 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

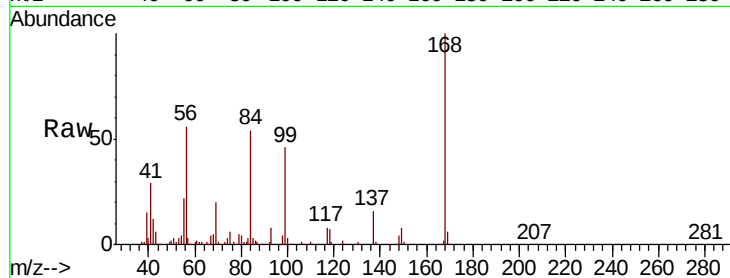
Tgt Ion: 56 Resp: 177378

Ion Ratio Lower Upper

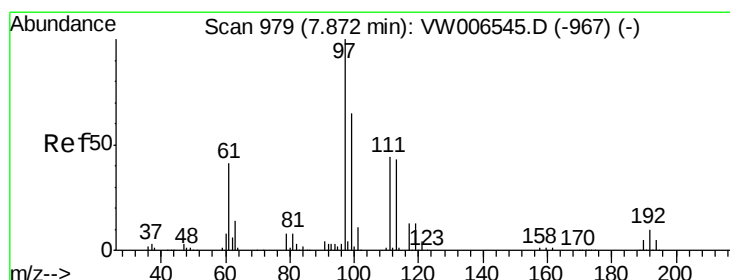
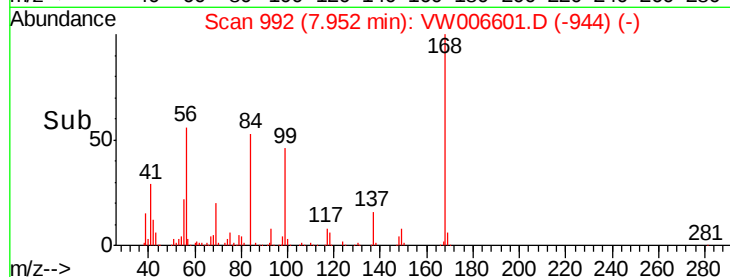
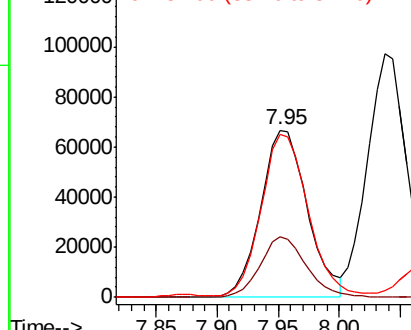
56 100

69 36.4 29.0 43.4

84 95.5 77.8 116.6



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: 49.890 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

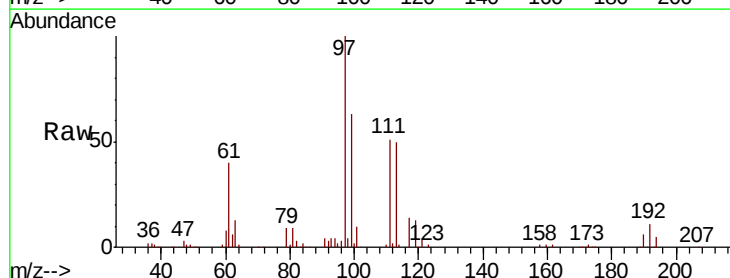
Tgt Ion: 97 Resp: 184482

Ion Ratio Lower Upper

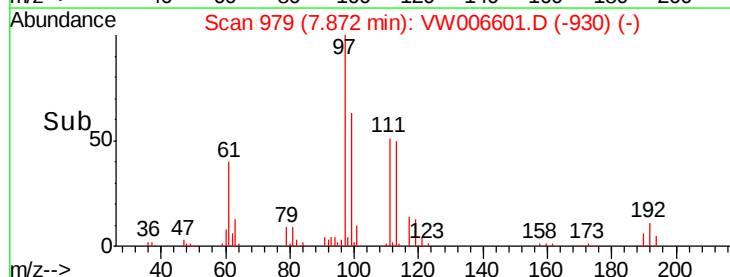
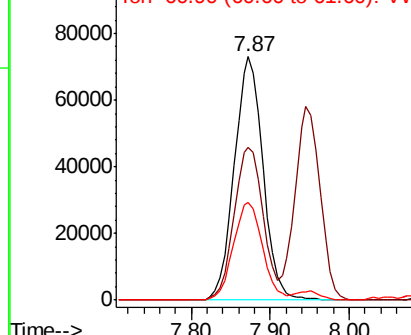
97 100

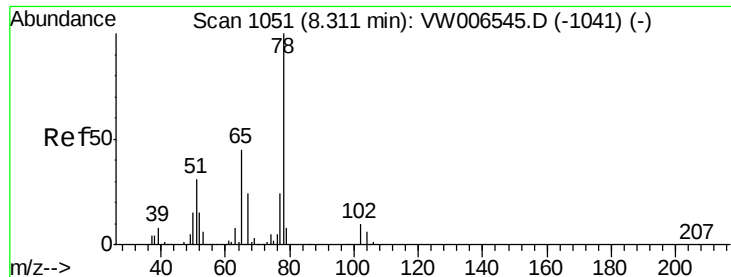
99 63.4 51.7 77.5

61 40.8 32.9 49.3



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

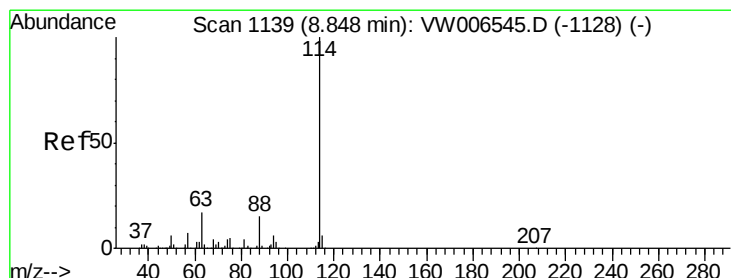
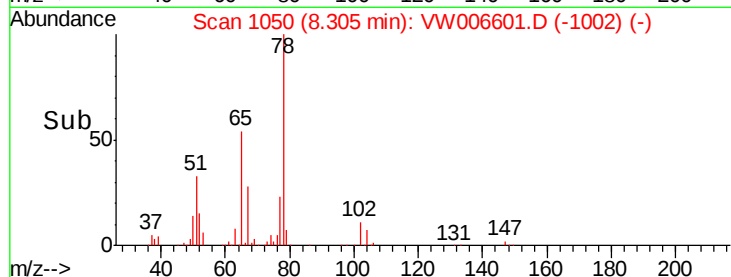
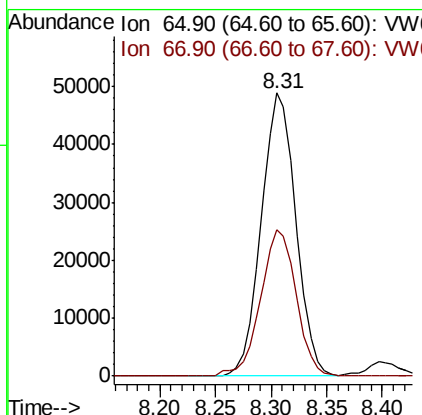
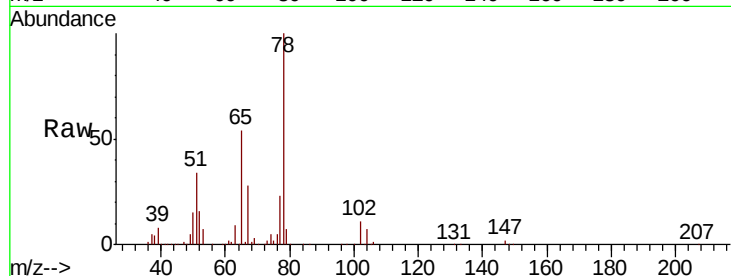




#33
 1,2-Dichloroethane-d4
 Concen: 46.485 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

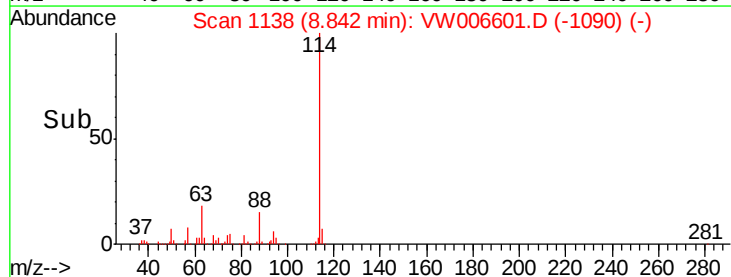
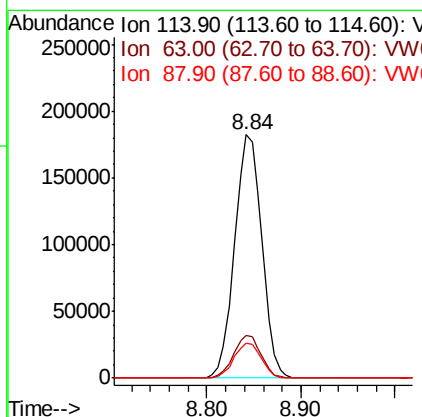
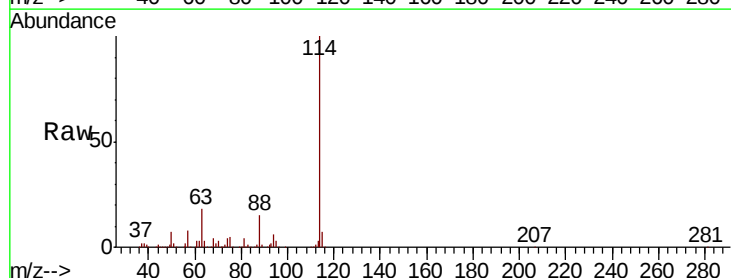
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

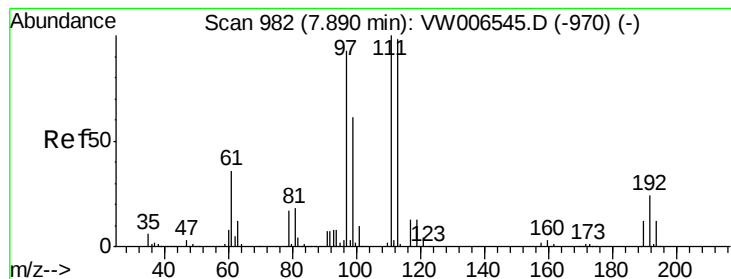
Tgt Ion: 65 Resp: 105871
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 114 Resp: 365682
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.4
 88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.248 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
BFB

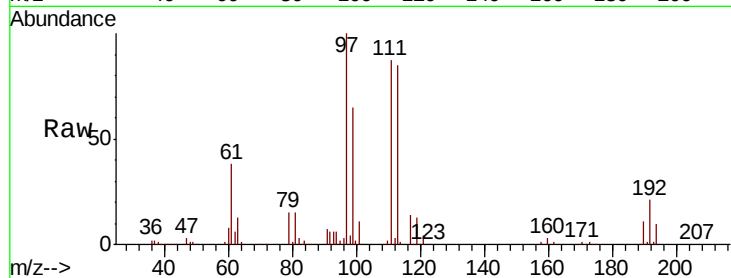
Tgt Ion: 113 Resp: 113021

Ion Ratio Lower Upper

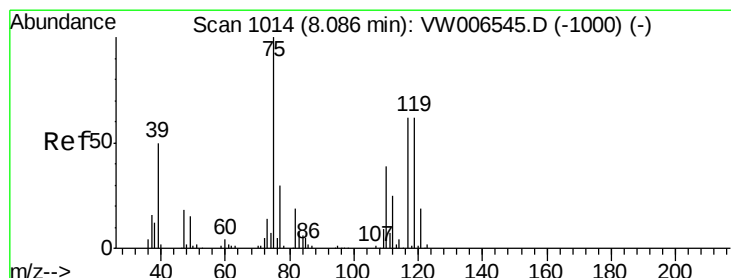
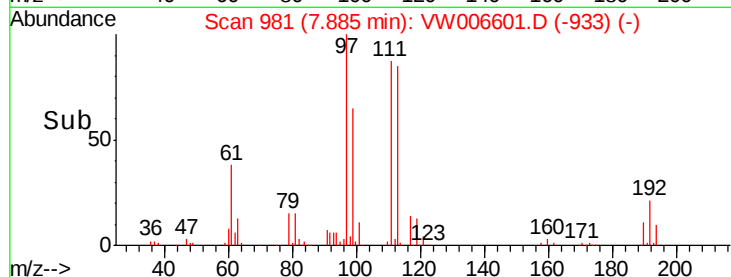
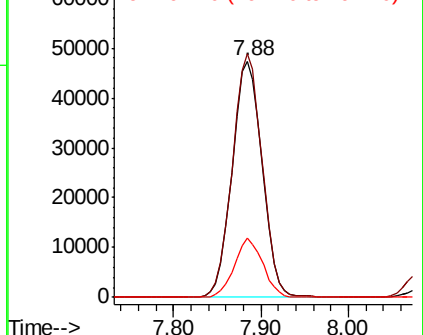
113 100

111 102.0 82.2 123.2

192 23.7 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.032 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

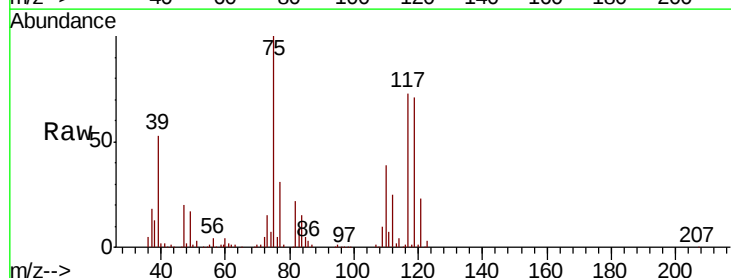
Tgt Ion: 75 Resp: 170543

Ion Ratio Lower Upper

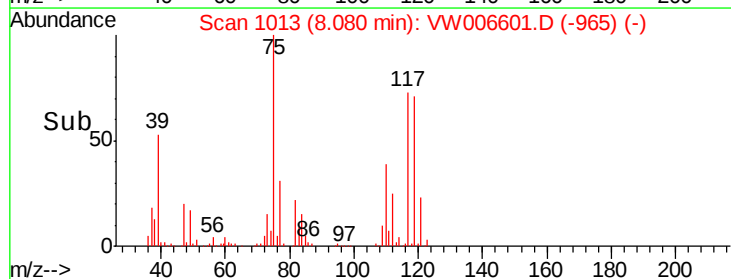
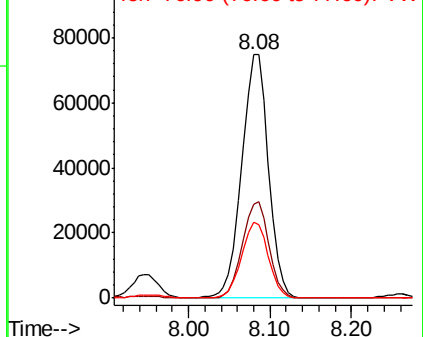
75 100

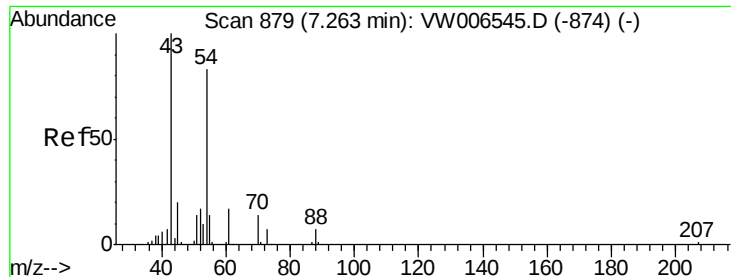
110 39.1 19.5 58.5

77 31.2 24.6 37.0



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

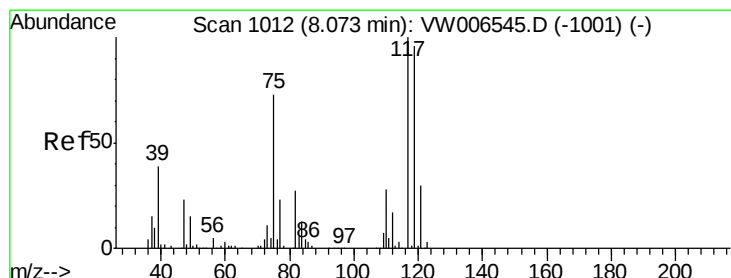
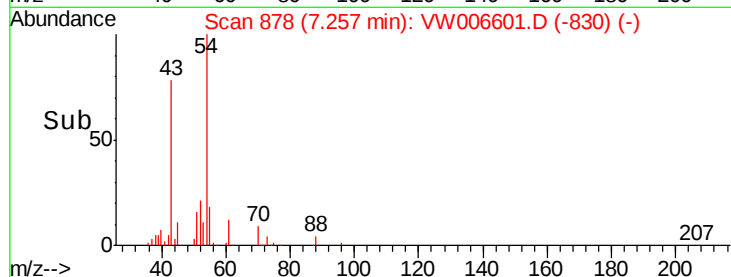
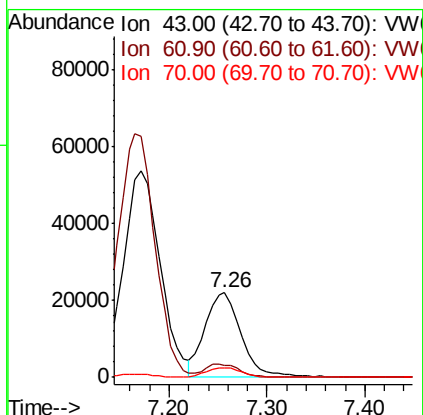
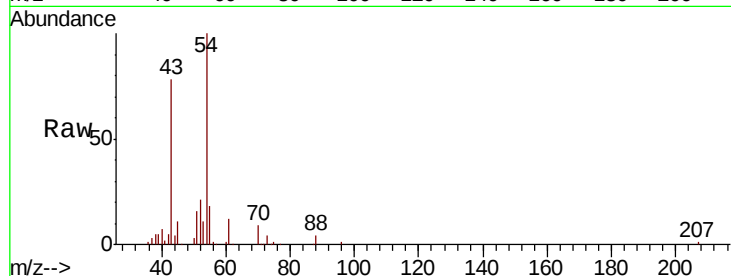




#37
 Ethyl Acetate
 Concen: 50.299 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

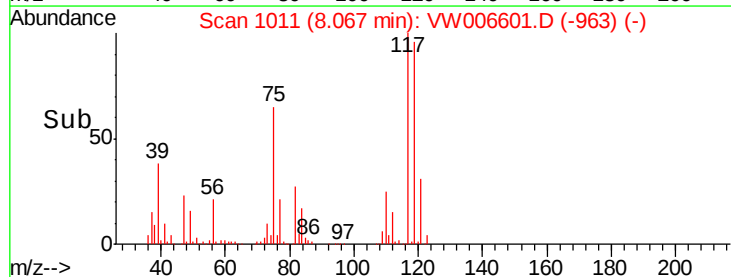
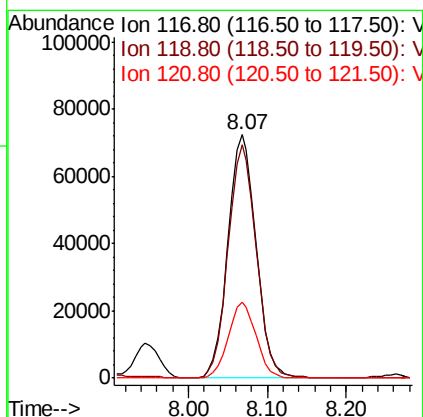
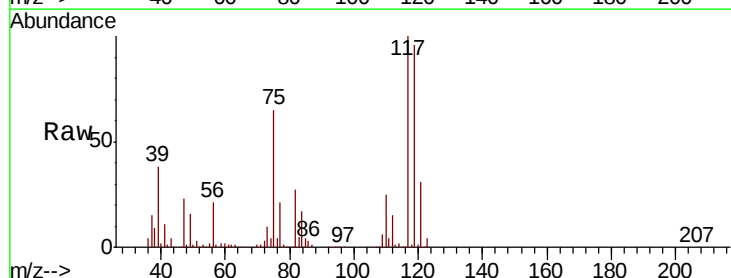
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

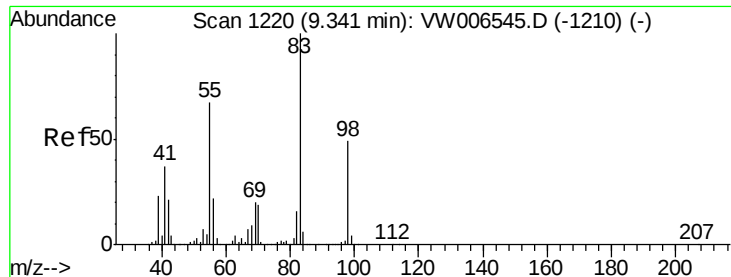
Tgt Ion: 43 Resp: 56054
 Ion Ratio Lower Upper
 43 100
 61 14.8 12.1 18.1
 70 11.7 9.8 14.6



#38
 Carbon Tetrachloride
 Concen: 53.568 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 117 Resp: 180003
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.3 114.5
 121 30.9 24.1 36.1

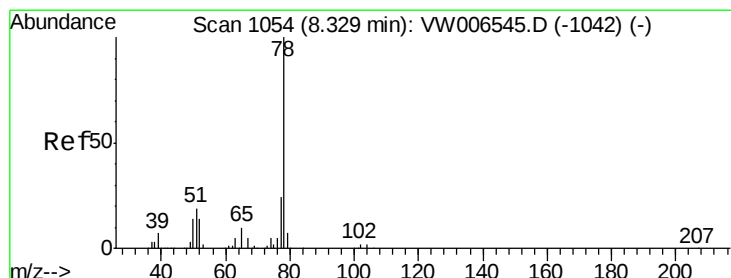
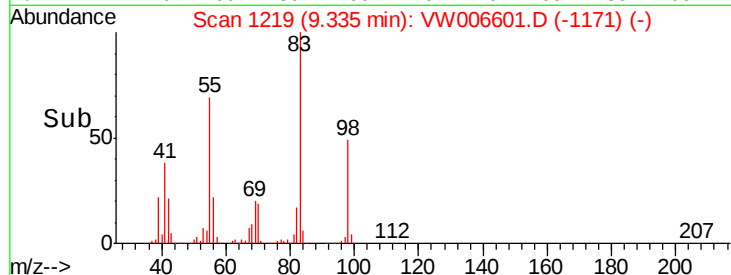
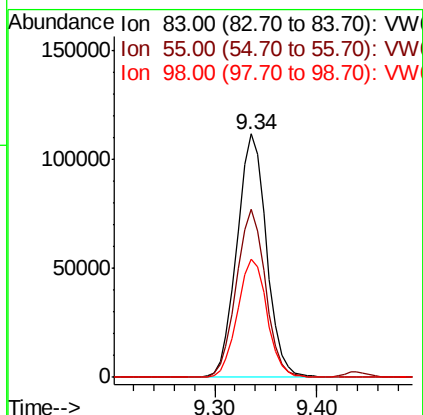
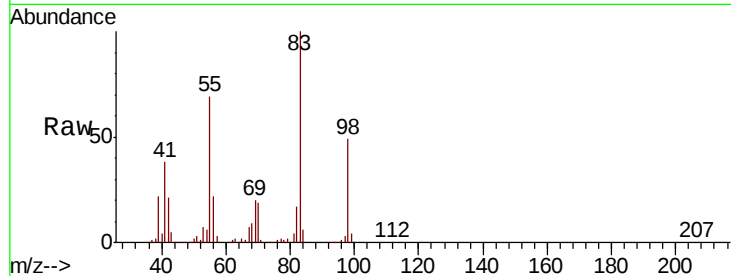




#39
Methylcyclohexane
Concen: 54.917 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

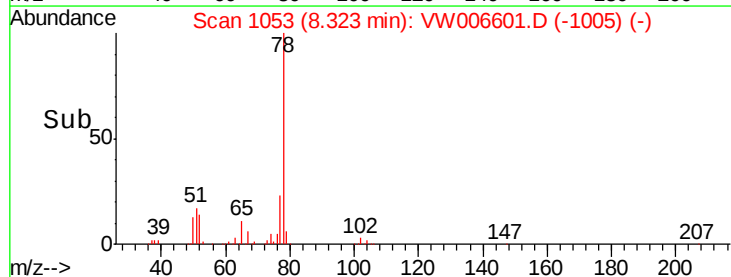
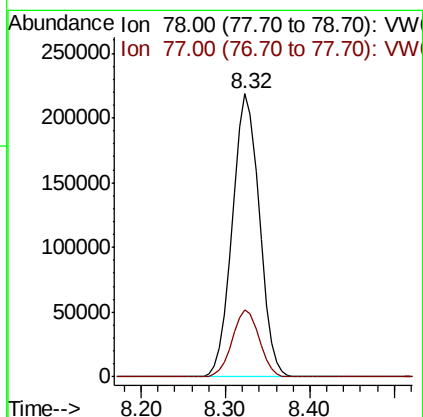
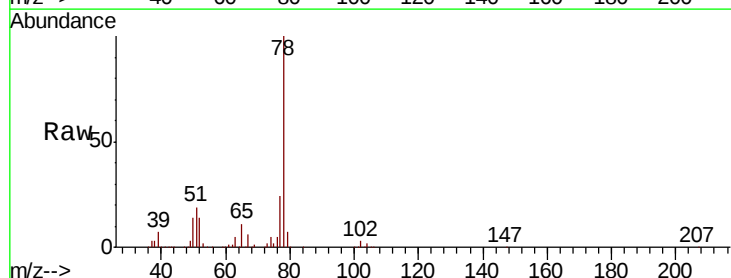
Instrument :
MSVOA_W
ClientSampled :
BFB

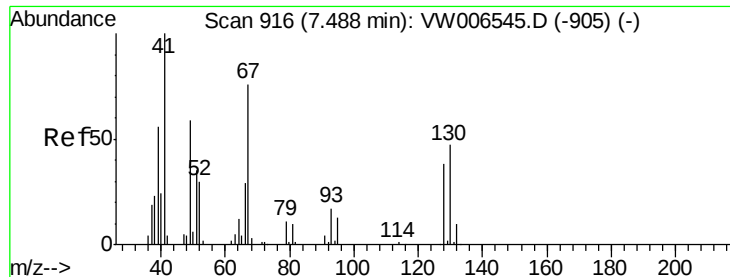
Tgt Ion: 83 Resp: 224115
Ion Ratio Lower Upper
83 100
55 68.8 53.7 80.5
98 48.5 39.2 58.8



#40
Benzene
Concen: 51.850 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 78 Resp: 473600
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 47.457 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion: 41 Resp: 32430

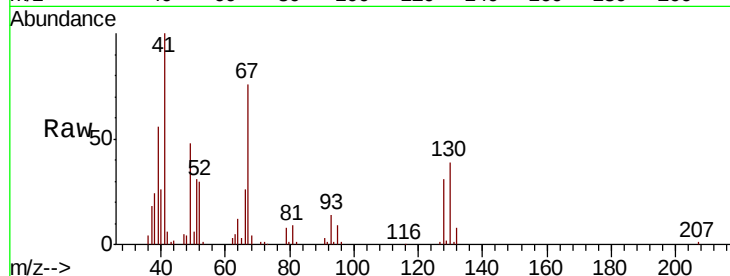
Ion Ratio Lower Upper

41 100

39 64.4 44.5 66.7

67 84.1 63.8 95.8

52 34.2 26.3 39.5

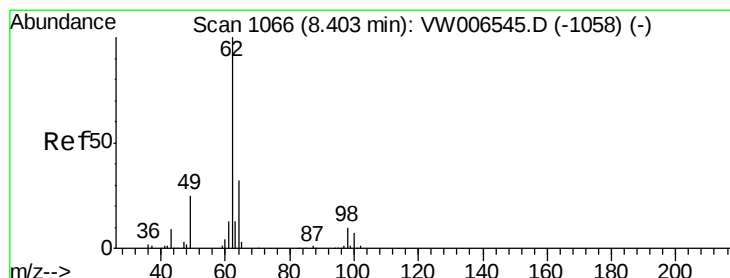
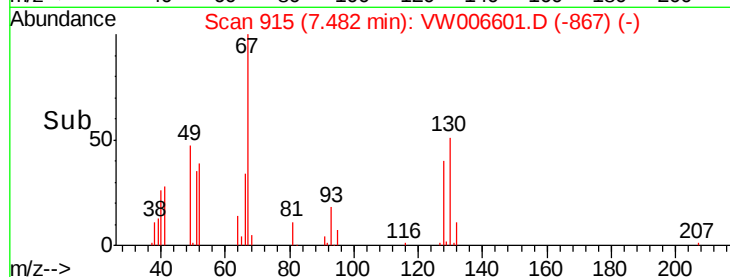
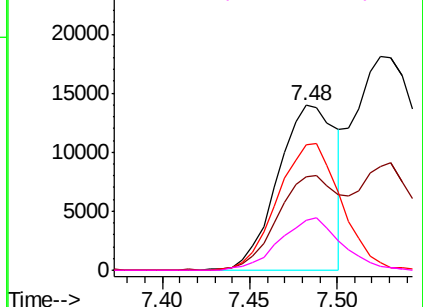


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 49.521 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW006601.D

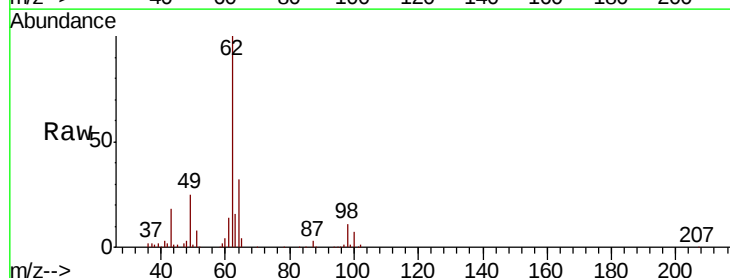
Acq: 02 Nov 2018 14:51

Tgt Ion: 62 Resp: 129721

Ion Ratio Lower Upper

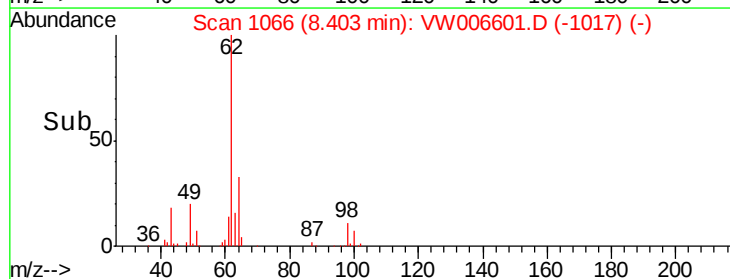
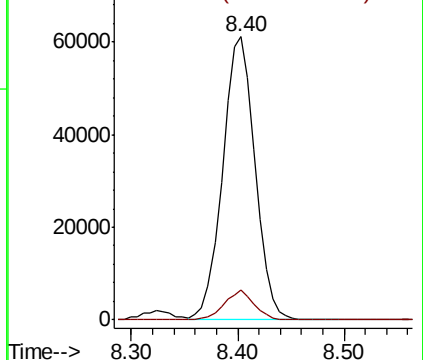
62 100

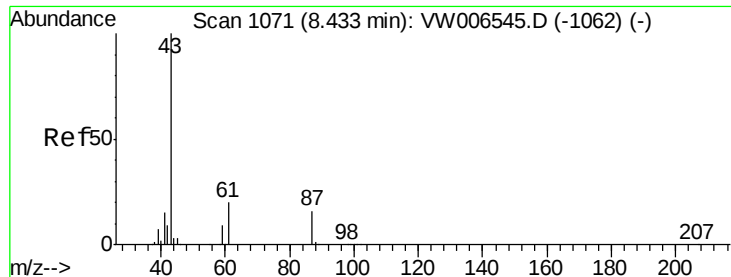
98 9.8 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 50.668 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

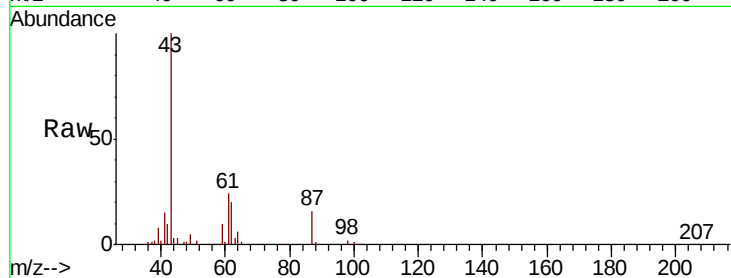
Tgt Ion: 43 Resp: 112675

Ion Ratio Lower Upper

43 100

61 32.9 27.2 40.8

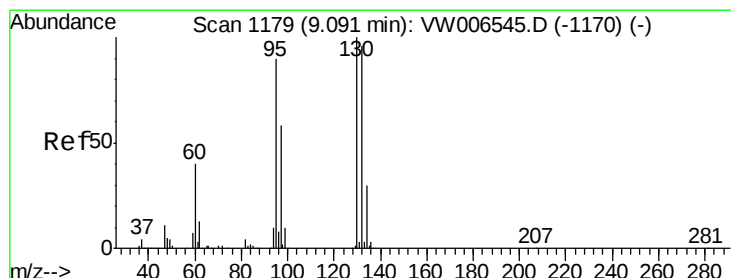
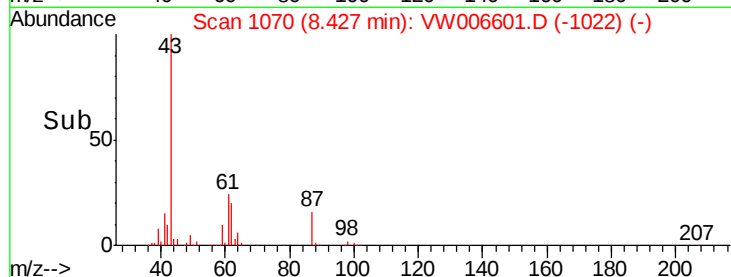
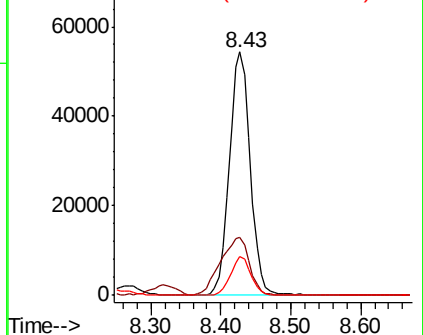
87 15.4 12.9 19.3



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: 51.359 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006601.D

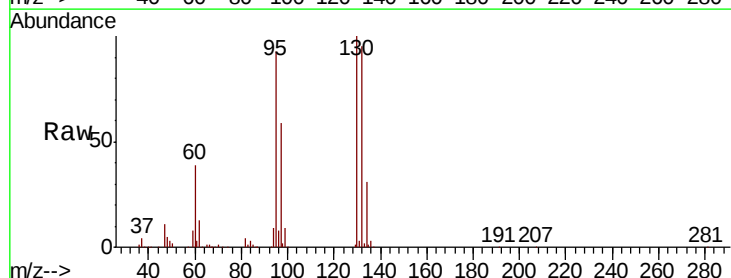
Acq: 02 Nov 2018 14:51

Tgt Ion: 130 Resp: 144762

Ion Ratio Lower Upper

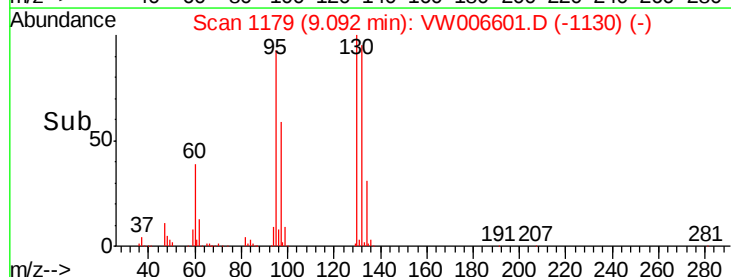
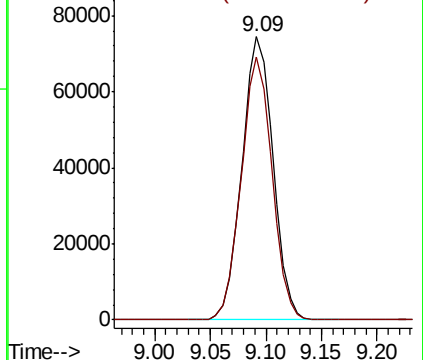
130 100

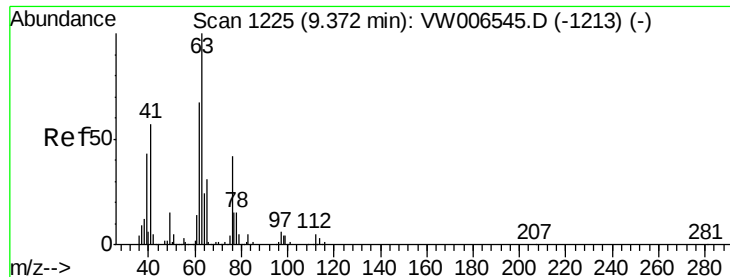
95 92.7 0.0 179.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 51.356 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

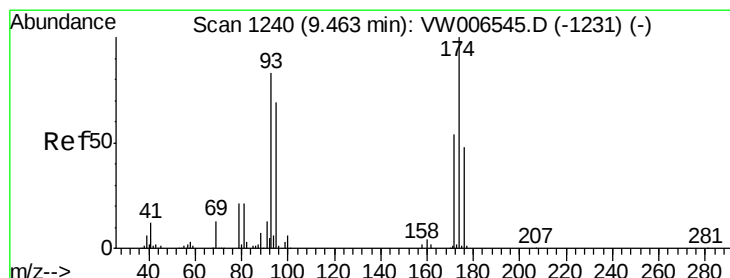
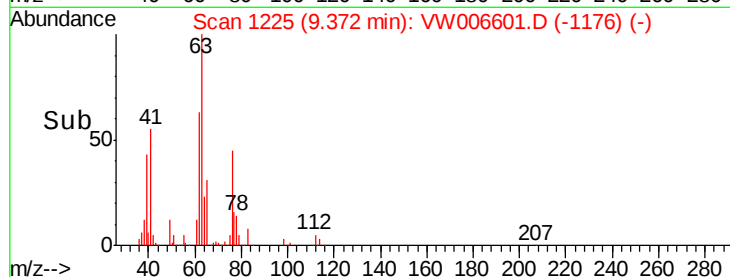
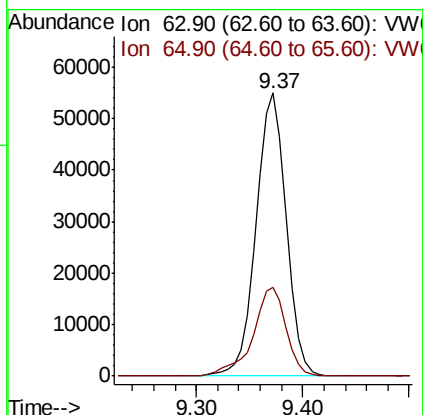
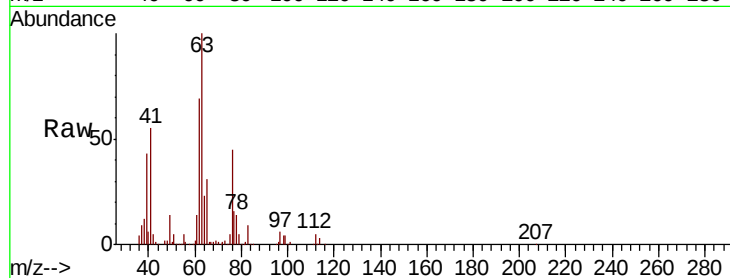
BFB

Tgt Ion: 63 Resp: 109166

Ion Ratio Lower Upper

63 100

65 31.3 25.1 37.7



#46

Dibromomethane

Concen: 50.020 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

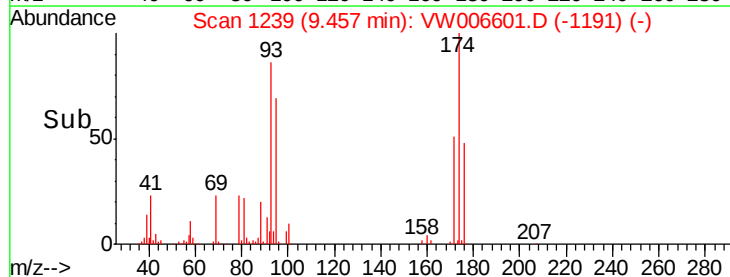
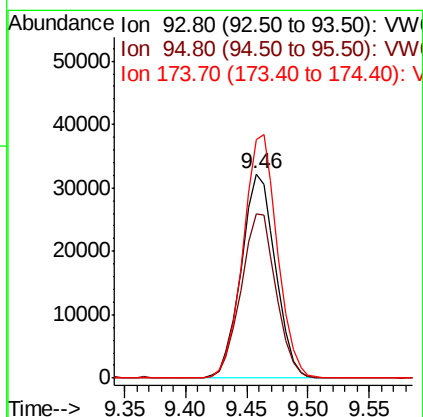
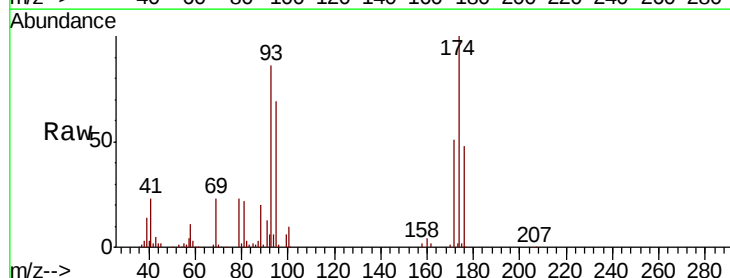
Tgt Ion: 93 Resp: 62503

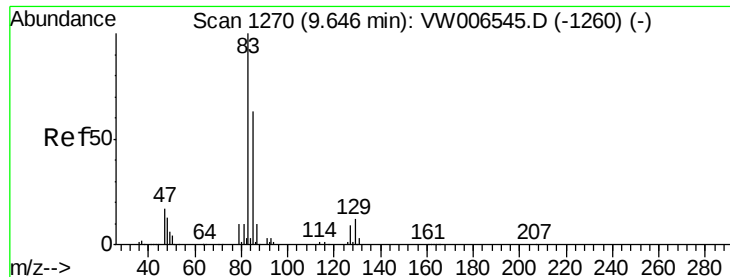
Ion Ratio Lower Upper

93 100

95 82.2 67.2 100.8

174 119.3 97.3 145.9





#47

Bromodichloromethane

Concen: 51.734 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

BFB

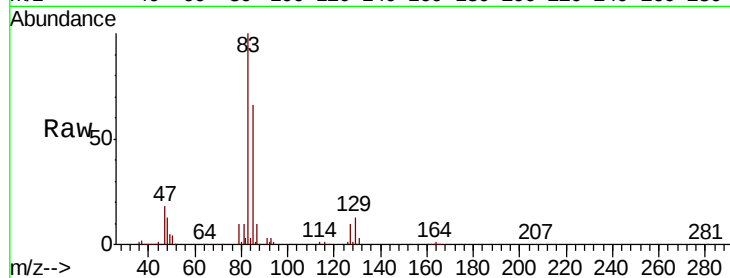
Tgt Ion: 83 Resp: 150098

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8

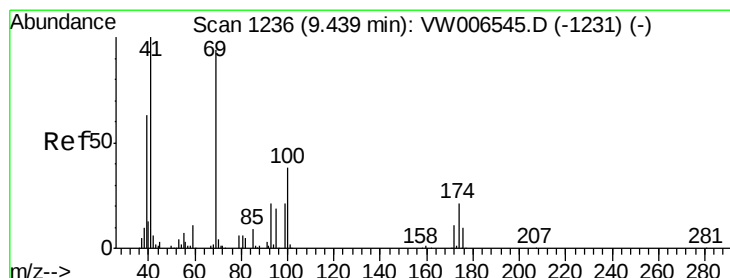
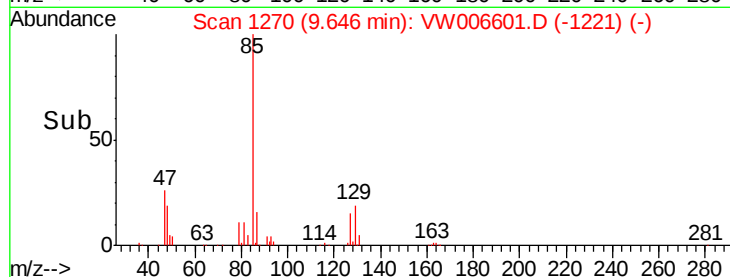
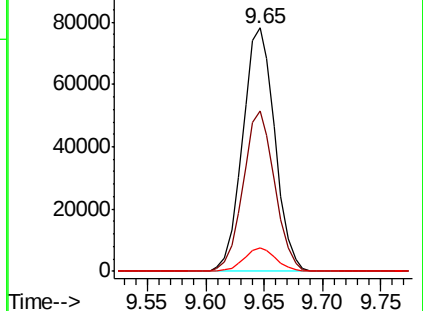
127 9.8 7.5 11.3



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: 50.334 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

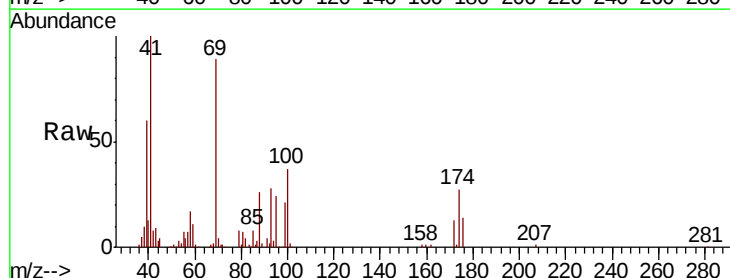
Tgt Ion: 41 Resp: 53929

Ion Ratio Lower Upper

41 100

69 96.5 77.8 116.8

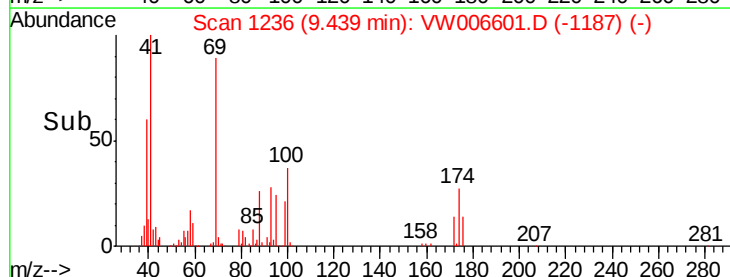
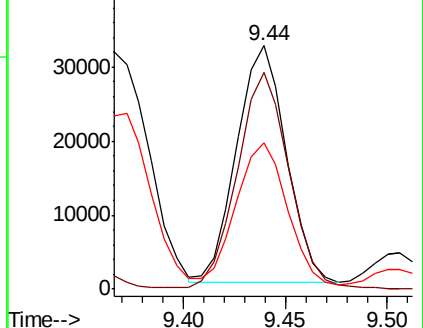
39 62.4 48.7 73.1

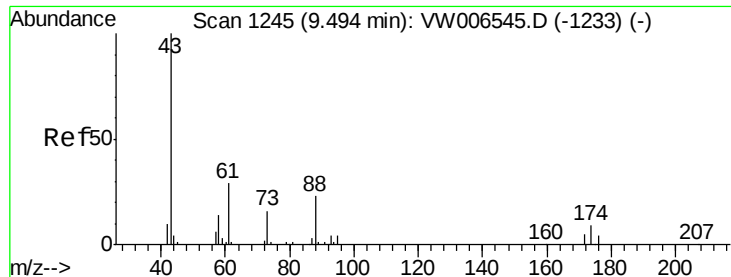


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

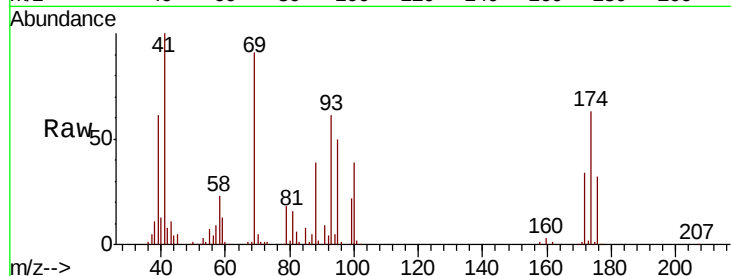




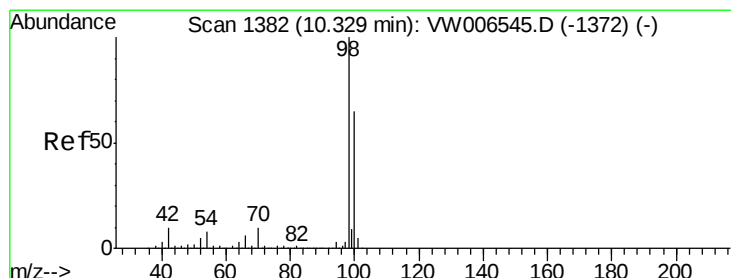
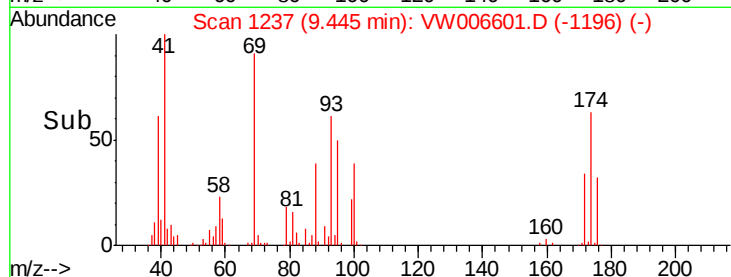
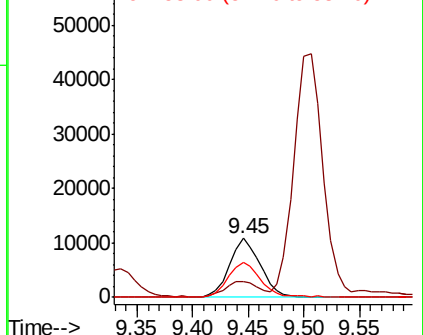
#49
1,4-Dioxane
Concen: 1132.386 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.05 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 88 Resp: 20708
Ion Ratio Lower Upper
88 100
43 28.4 356.6 534.8#
58 63.9 51.4 77.2

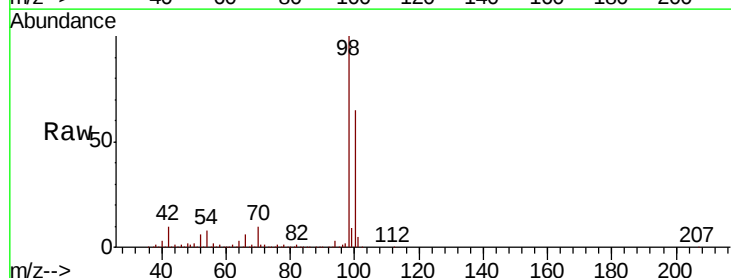


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

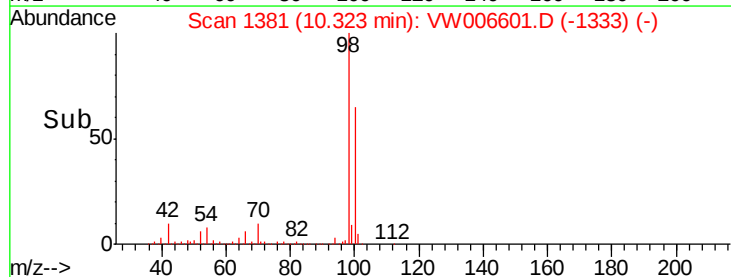
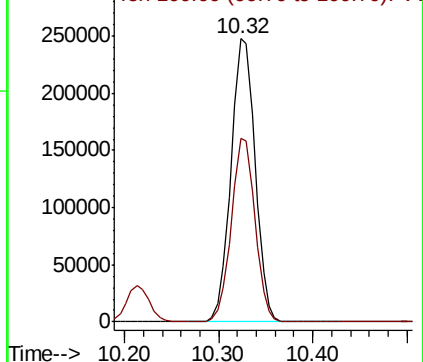


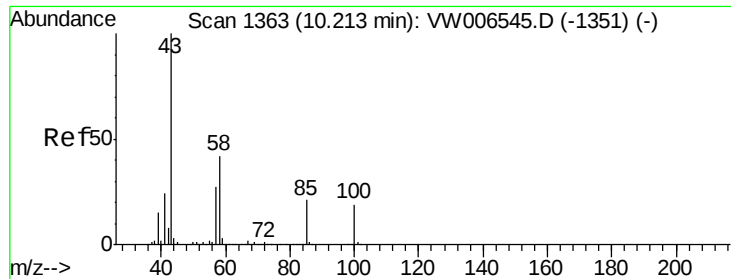
#50
Toluene-d8
Concen: 50.423 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 98 Resp: 440515
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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

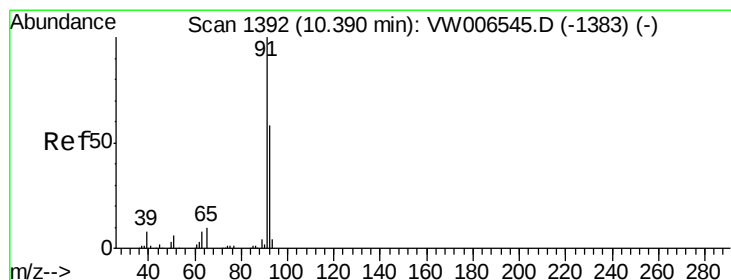
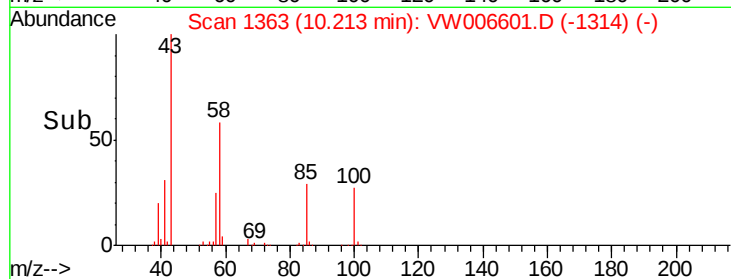
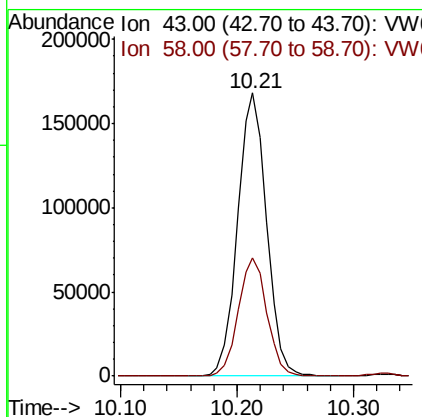
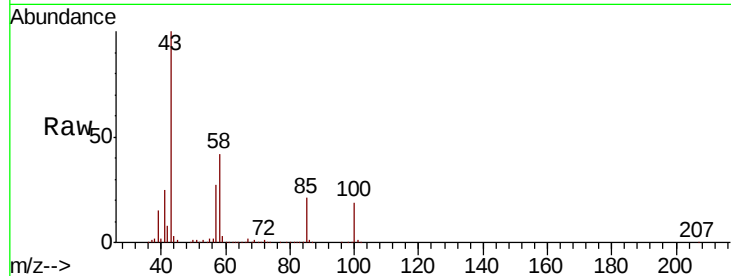




#51
 4-Methyl-2-Pentanone
 Concen: 255.136 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

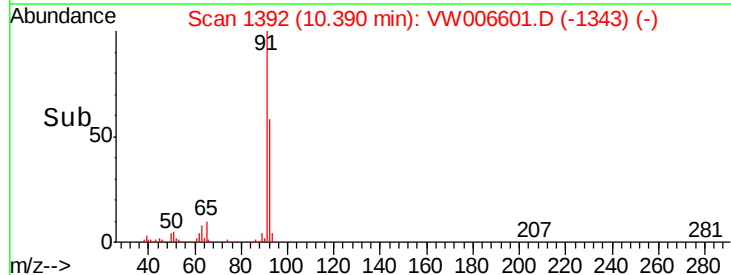
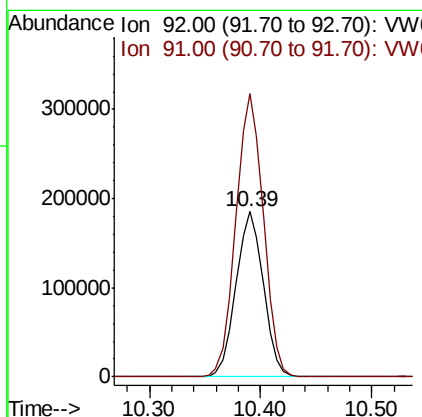
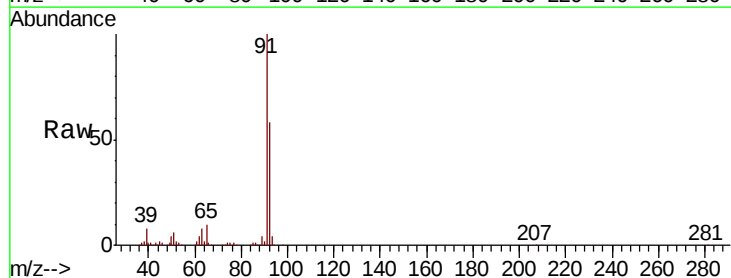
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

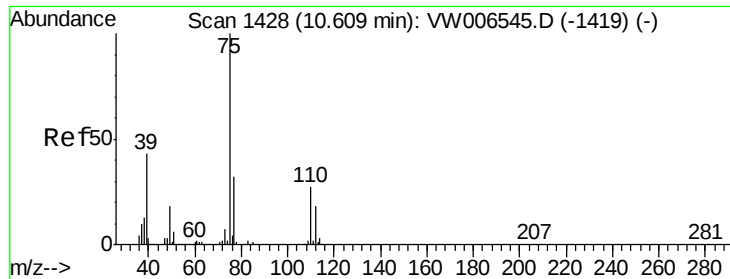
Tgt Ion: 43 Resp: 291393
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.4 50.0



#52
 Toluene
 Concen: 51.342 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 92 Resp: 314544
 Ion Ratio Lower Upper
 92 100
 91 172.8 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 52.893 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

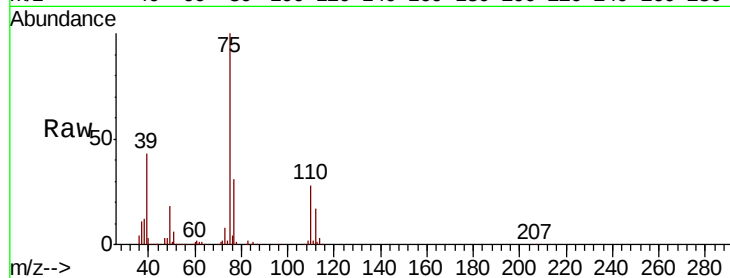
BFB

Tgt Ion: 75 Resp: 147692

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

80000

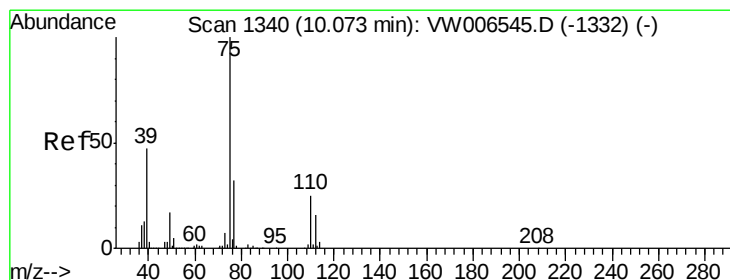
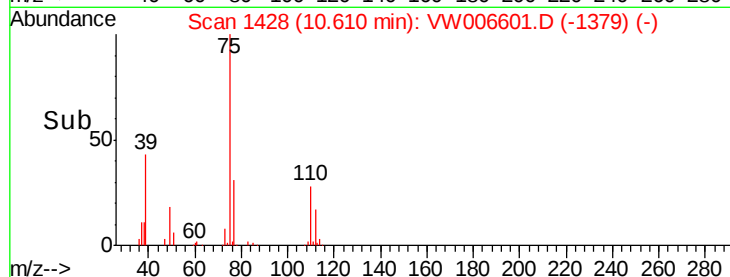
60000

40000

20000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 52.430 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

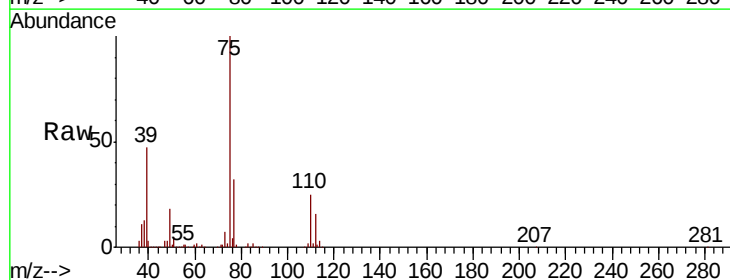
Tgt Ion: 75 Resp: 173004

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 46.8 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

10.07

120000

100000

80000

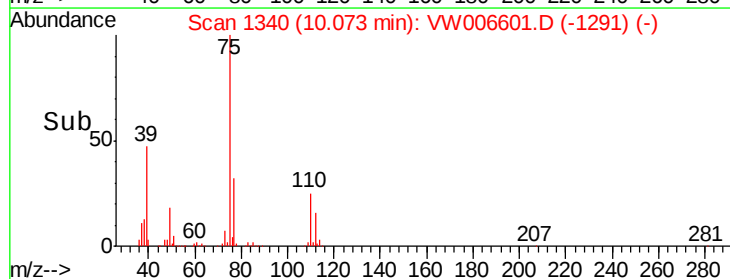
60000

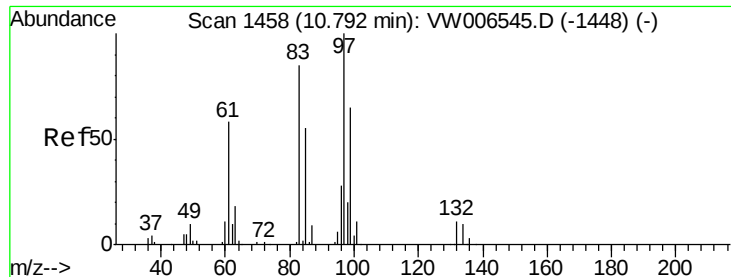
40000

20000

0

Time--> 10.00 10.10 10.20

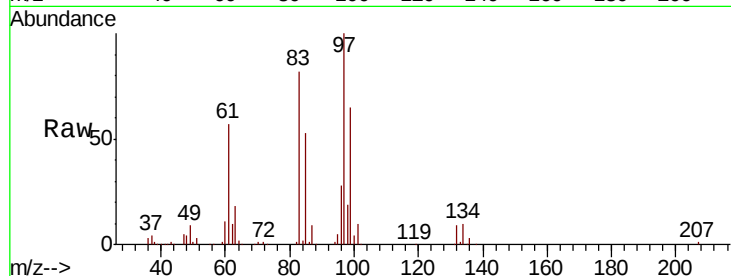




#55
 1,1,2-Trichloroethane
 Concen: 49.719 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:	97	Resp:	88149
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.9	101.9
85	53.3	44.0	66.0
99	64.5	52.2	78.2



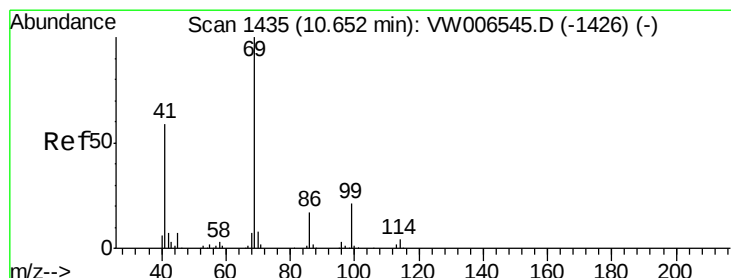
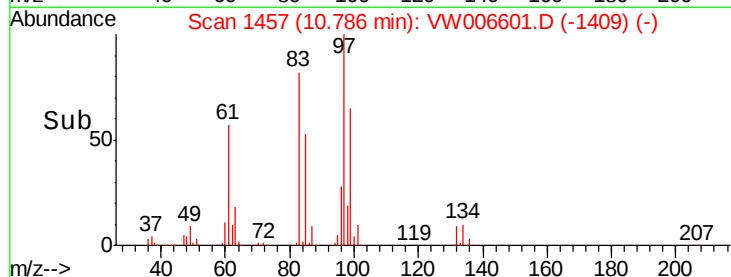
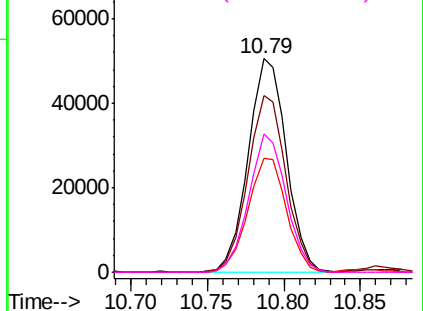
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

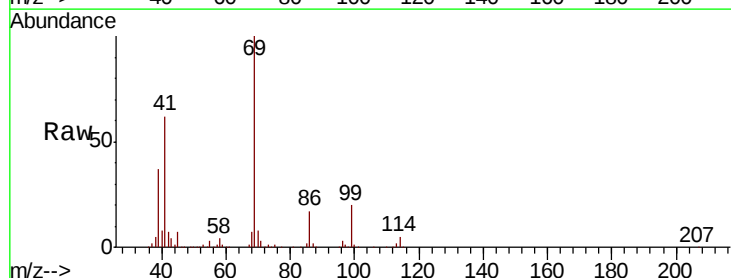
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 50.121 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion:	69	Resp:	101001
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.4	71.2
39	35.5	25.3	37.9

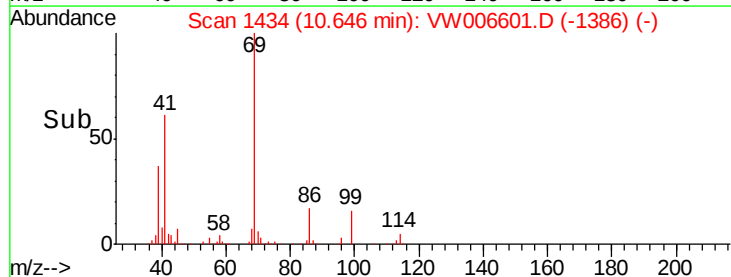
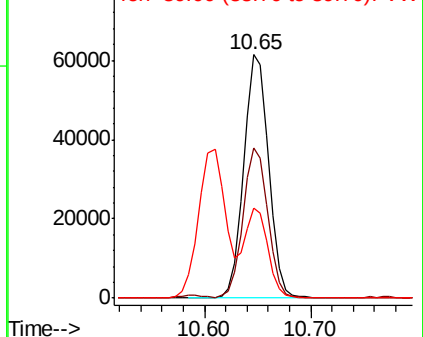


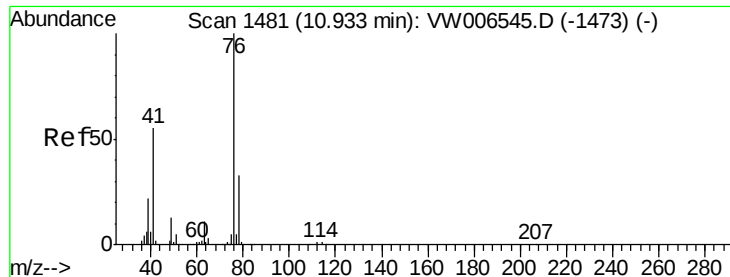
Abundance

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

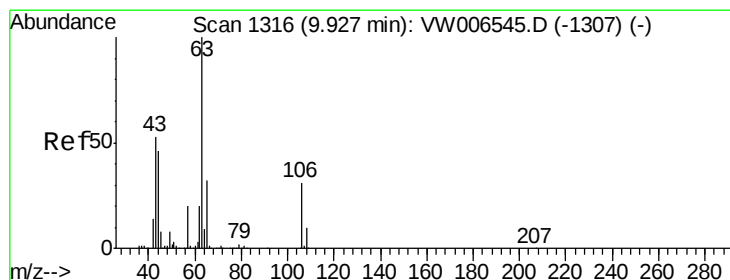
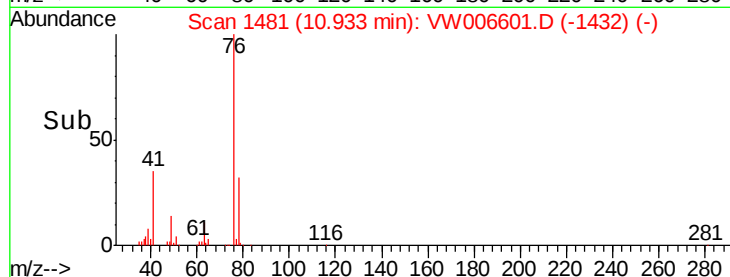
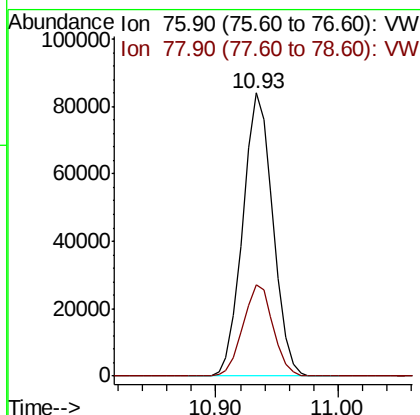
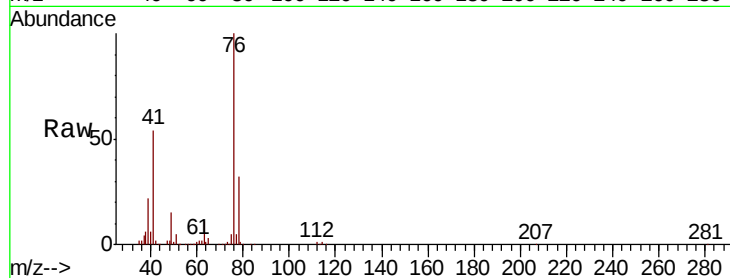




#57
 1,3-Dichloropropane
 Concen: 49.770 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

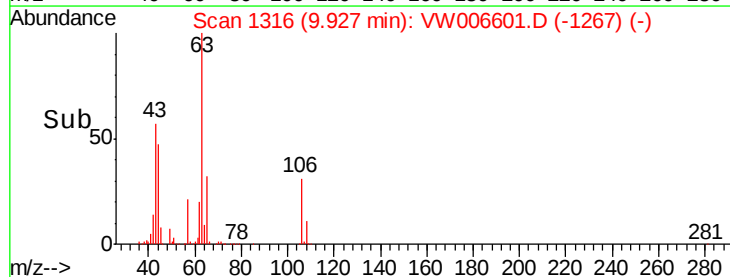
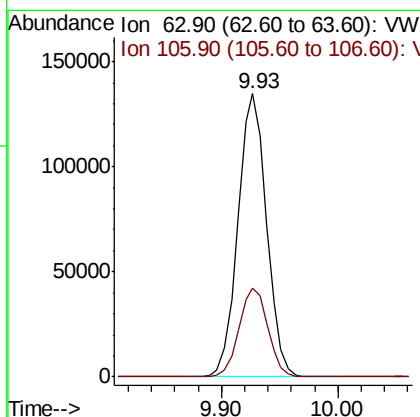
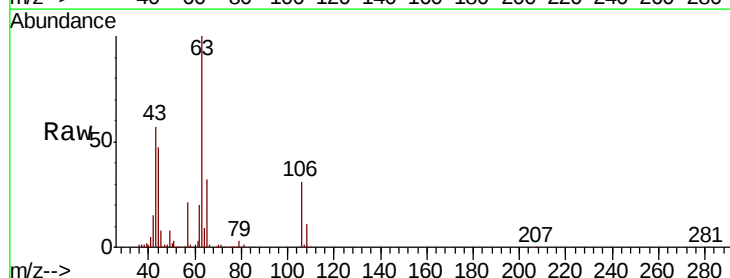
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

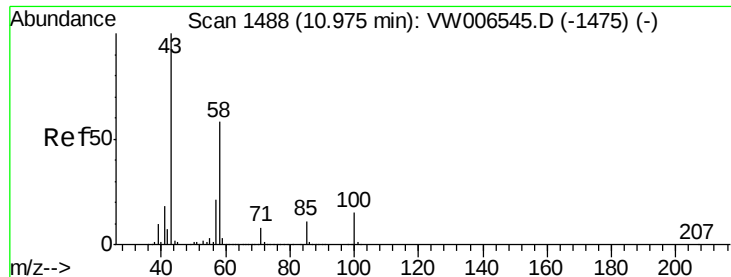
Tgt Ion: 76 Resp: 143286
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.965 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 63 Resp: 230164
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.2





#59

2-Hexanone

Concen: 277.740 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

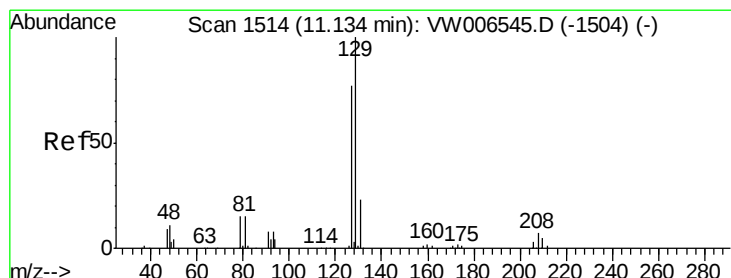
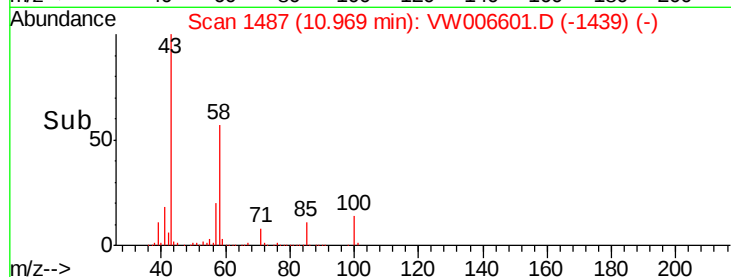
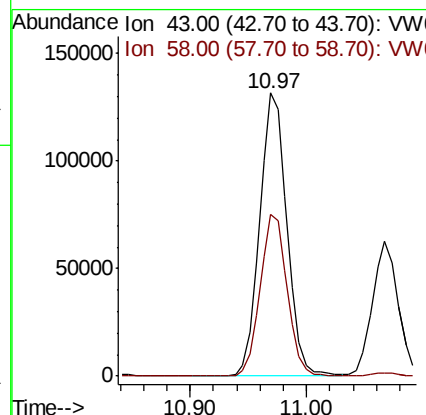
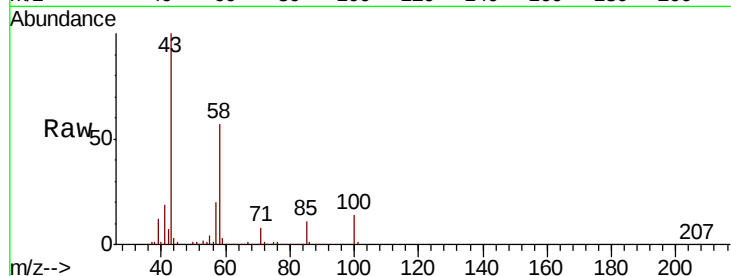
BFB

Tgt Ion: 43 Resp: 215446

Ion Ratio Lower Upper

43 100

58 56.5 28.8 86.4



#60

Dibromochloromethane

Concen: 51.929 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW006601.D

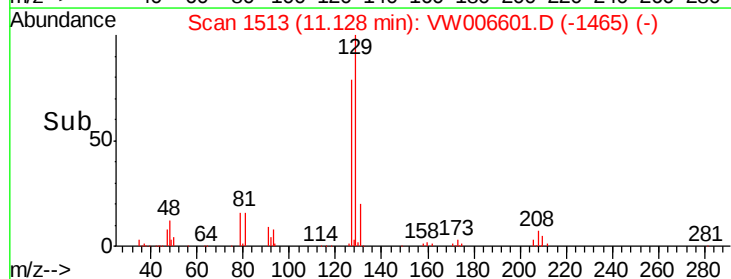
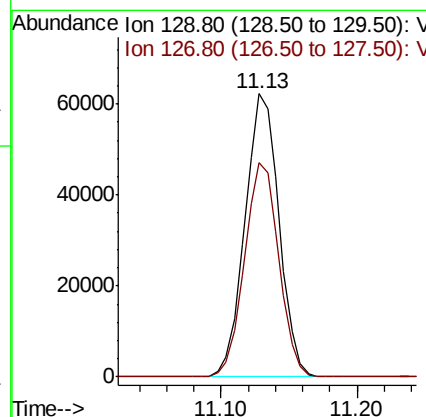
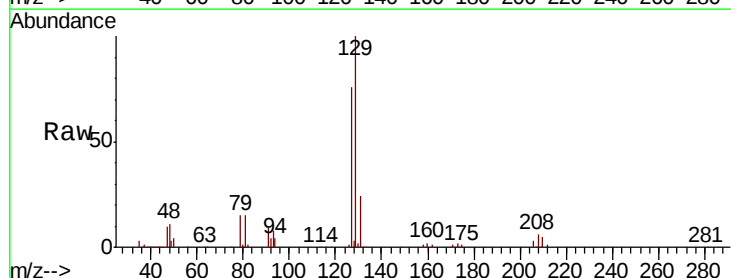
Acq: 02 Nov 2018 14:51

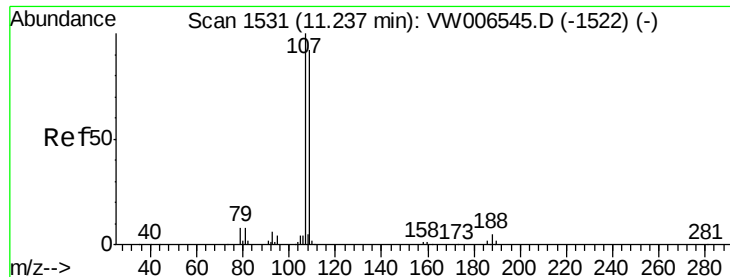
Tgt Ion: 129 Resp: 109083

Ion Ratio Lower Upper

129 100

127 76.2 38.8 116.3

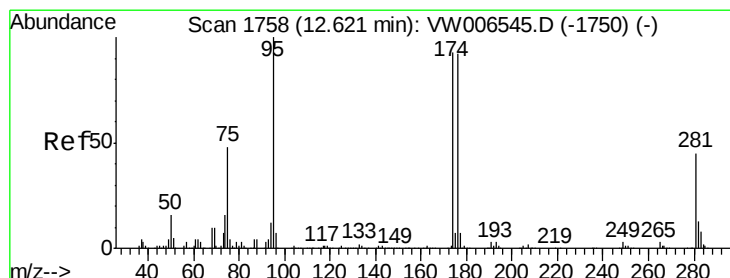
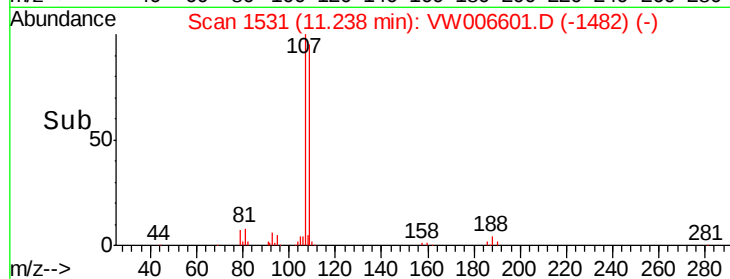
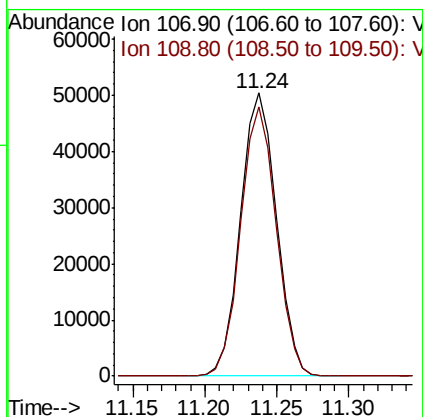
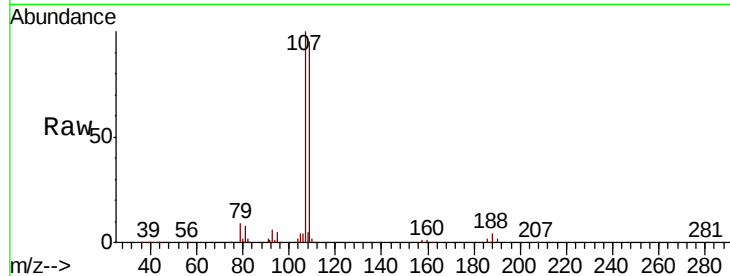




#61
 1,2-Dibromoethane
 Concen: 49.442 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

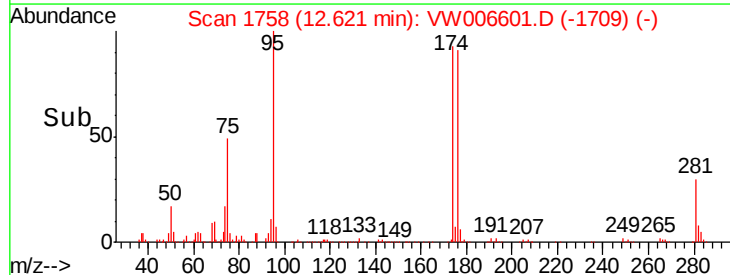
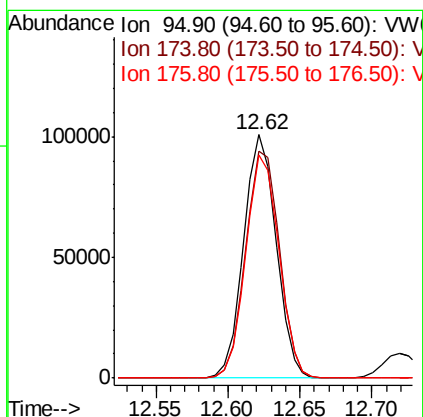
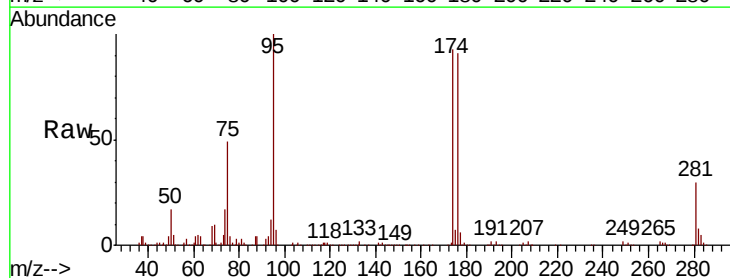
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

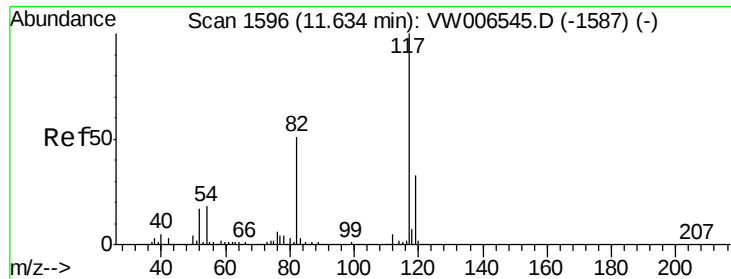
Tgt Ion: 107 Resp: 87050
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 49.758 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion: 95 Resp: 157597
 Ion Ratio Lower Upper
 95 100
 174 96.8 0.0 192.4
 176 93.3 0.0 187.4

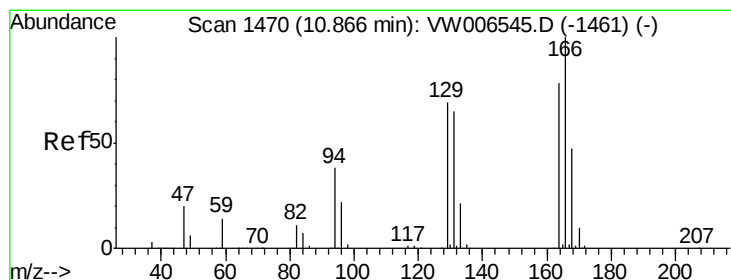
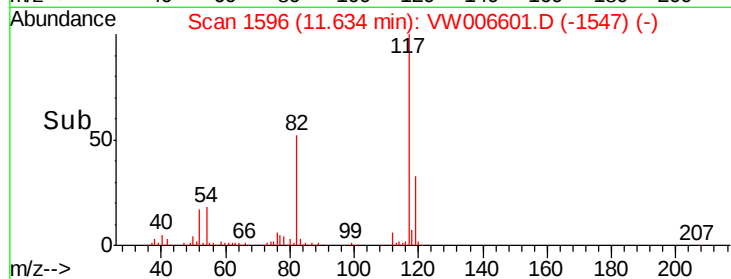
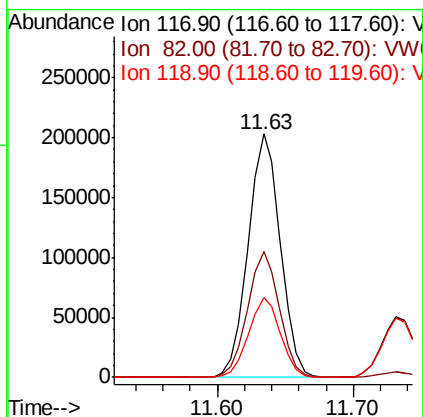
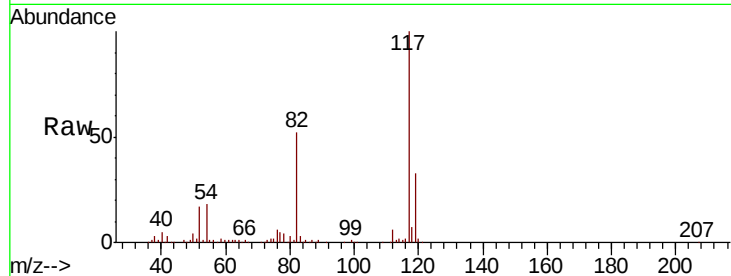




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

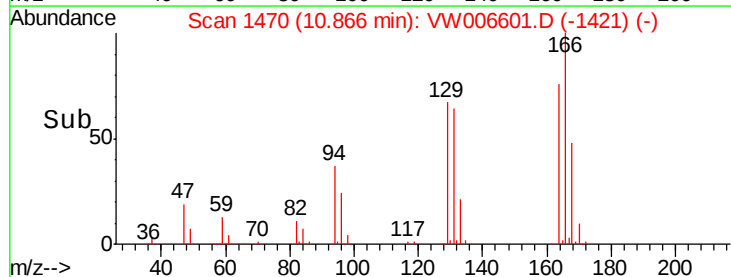
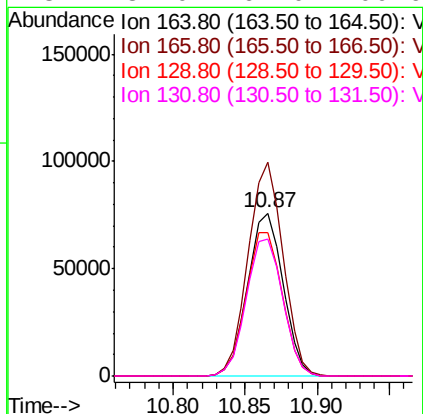
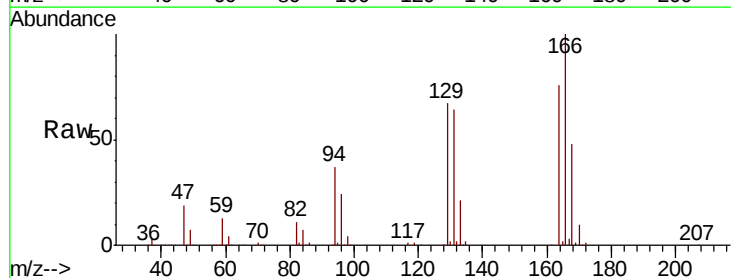
Instrument :
MSVOA_W
ClientSampled :
BFB

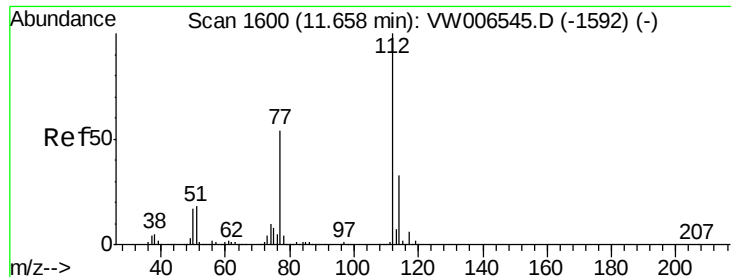
Tgt Ion:117 Resp: 336464
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 48.179 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:164 Resp: 129220
Ion Ratio Lower Upper
164 100
166 131.0 102.8 154.2
129 88.0 70.9 106.3
131 84.0 67.0 100.6

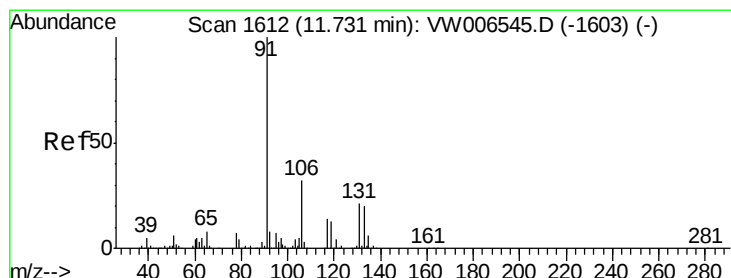
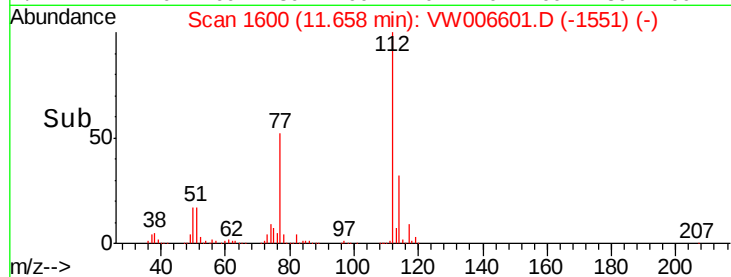
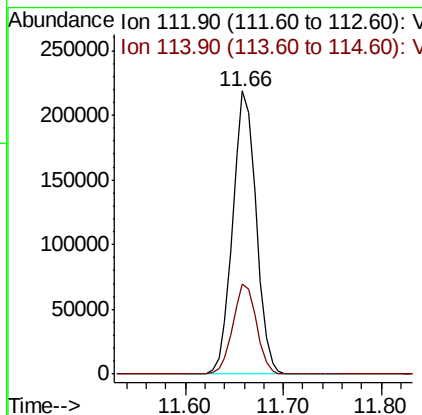
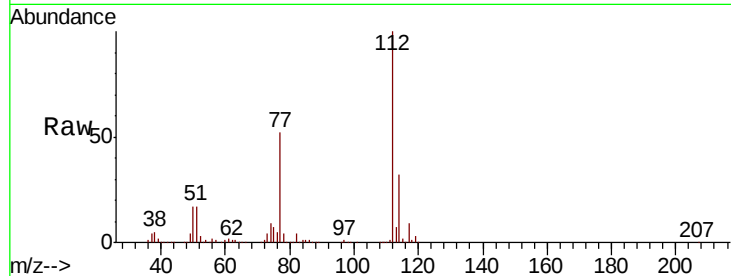




#65
Chlorobenzene
Concen: 51.282 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

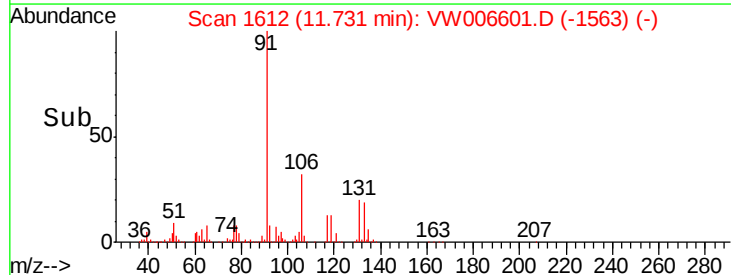
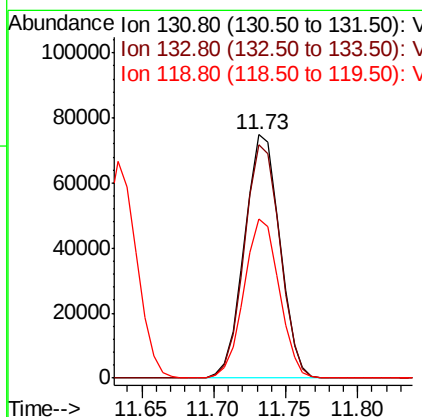
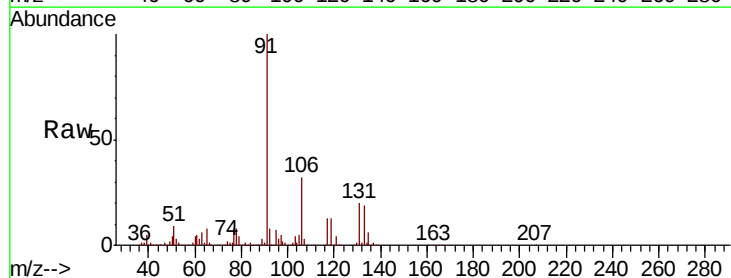
Instrument :
MSVOA_W
ClientSampleId :
BFB

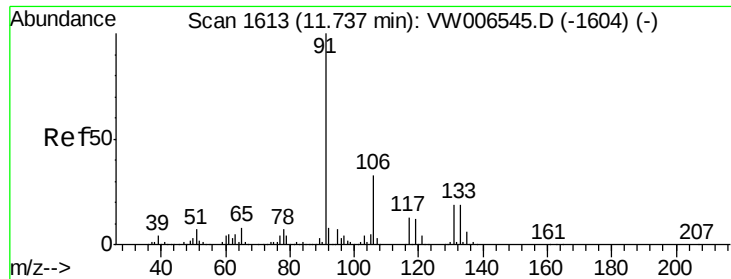
Tgt Ion:112 Resp: 363087
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.298 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:131 Resp: 127657
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 64.9 31.9 95.5

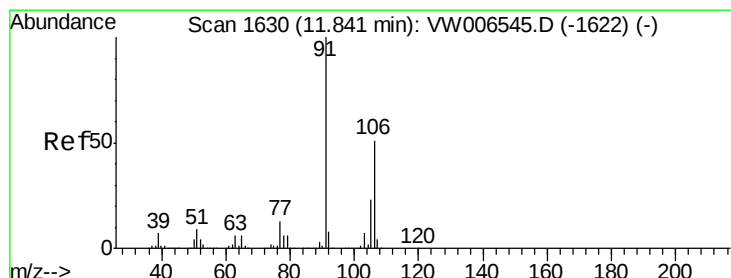
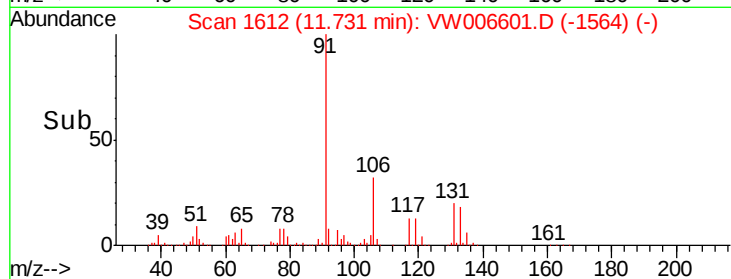
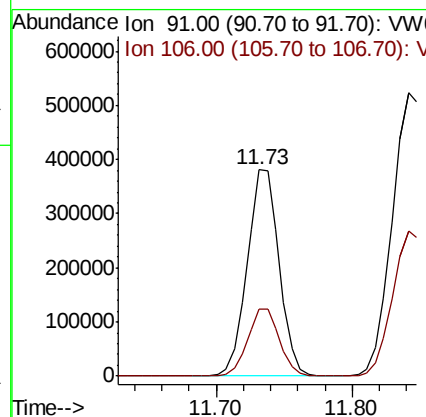
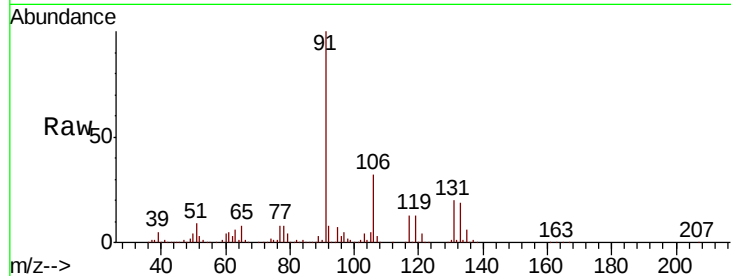




#67
Ethyl Benzene
Concen: 52.860 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

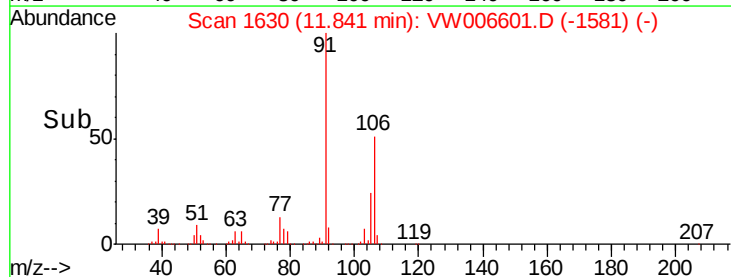
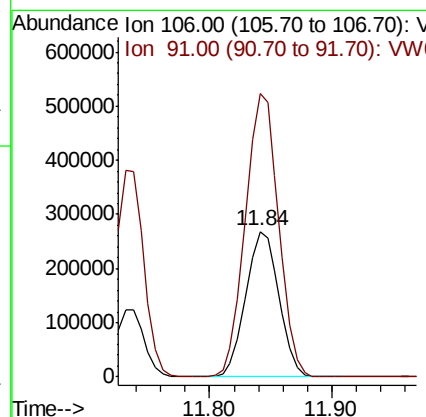
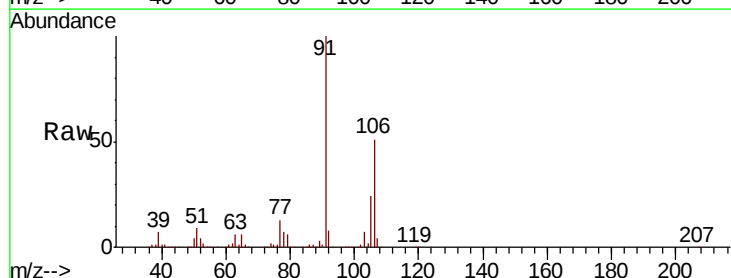
Instrument :
MSVOA_W
ClientSampled :
BFB

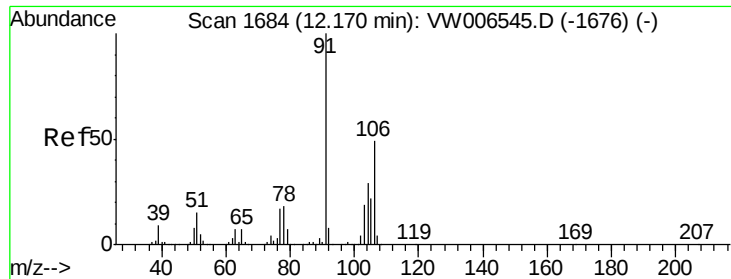
Tgt Ion: 91 Resp: 625558
Ion Ratio Lower Upper
91 100
106 32.3 26.3 39.5



#68
m/p-Xylenes
Concen: 106.618 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 106 Resp: 504094
Ion Ratio Lower Upper
106 100
91 195.4 156.7 235.1

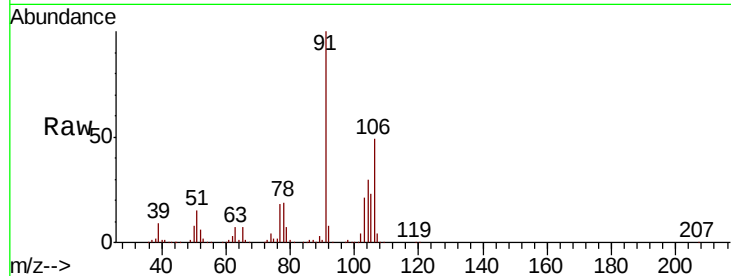




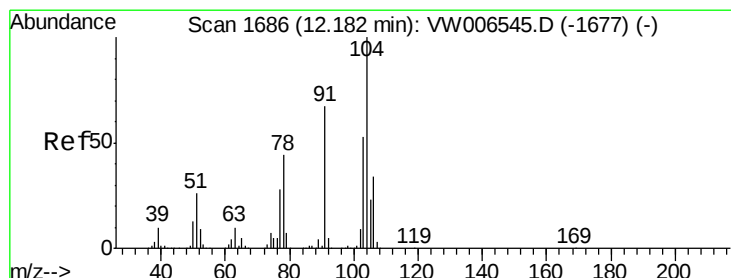
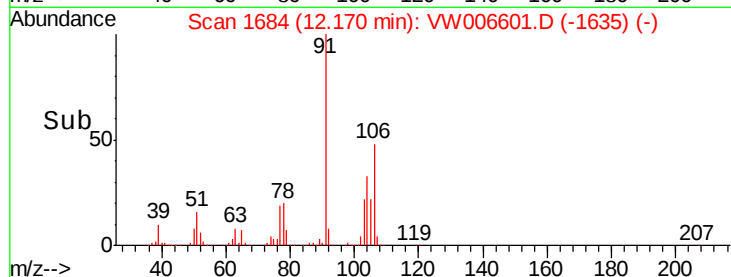
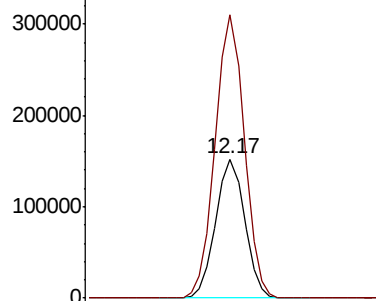
#69
o-Xylene
Concen: 52.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion:106 Resp: 237956
Ion Ratio Lower Upper
106 100
91 204.0 102.8 308.4

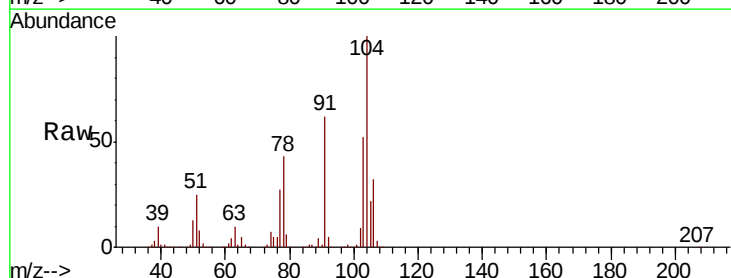


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

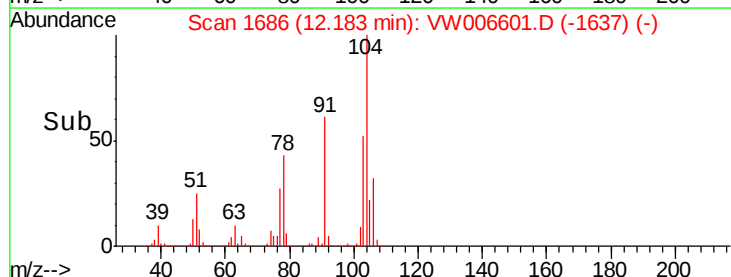
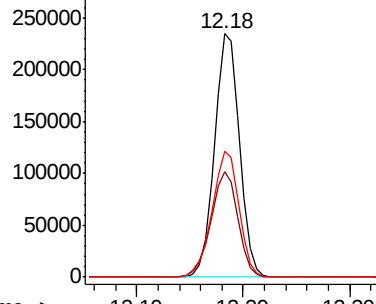


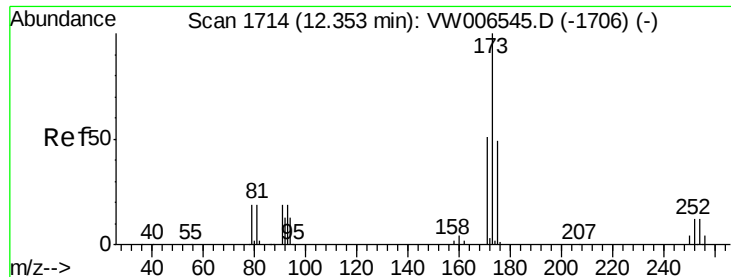
#70
Styrene
Concen: 52.618 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:104 Resp: 386139
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 55.5 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.300 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

BFB

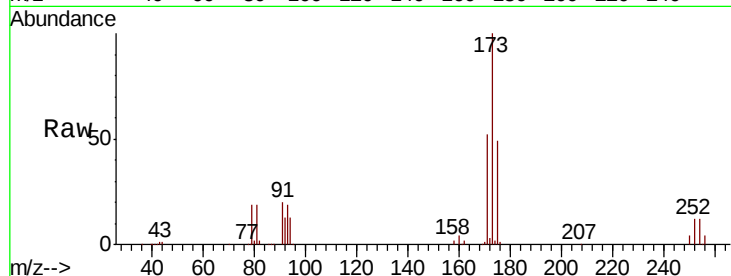
Tgt Ion:173 Resp: 68992

Ion Ratio Lower Upper

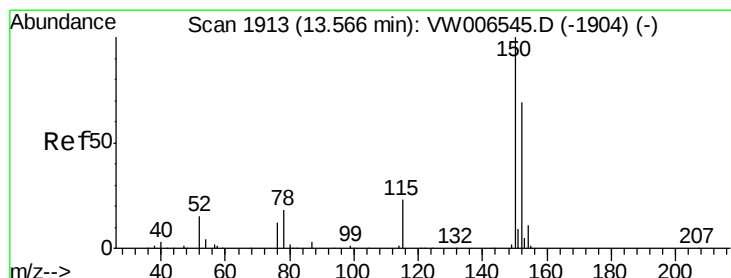
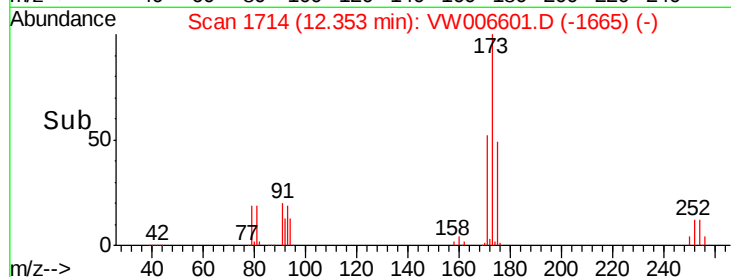
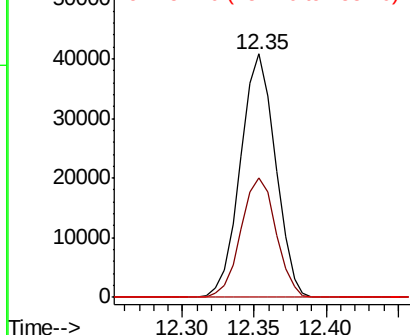
173 100

175 48.9 24.1 72.4

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

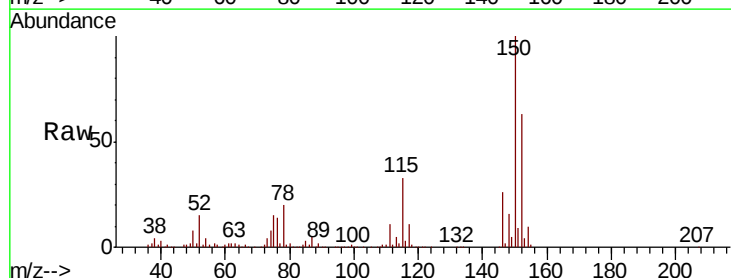
Tgt Ion:152 Resp: 196013

Ion Ratio Lower Upper

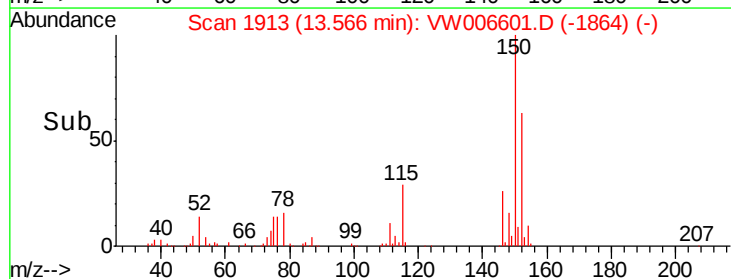
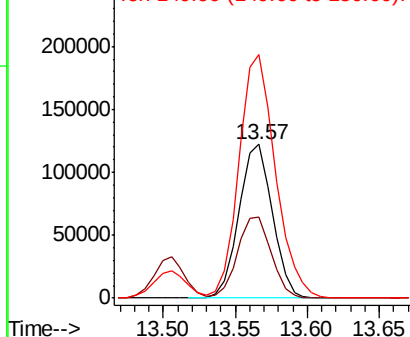
152 100

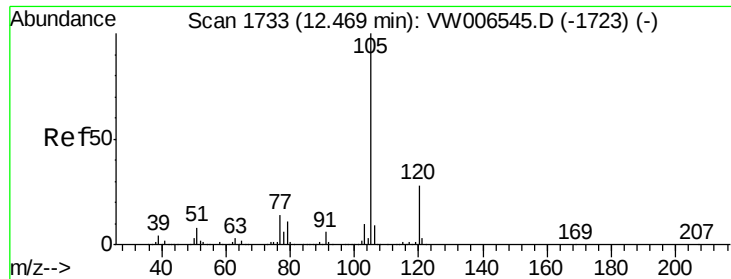
115 53.8 26.6 79.8

150 173.2 0.0 344.6



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: 51.580 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

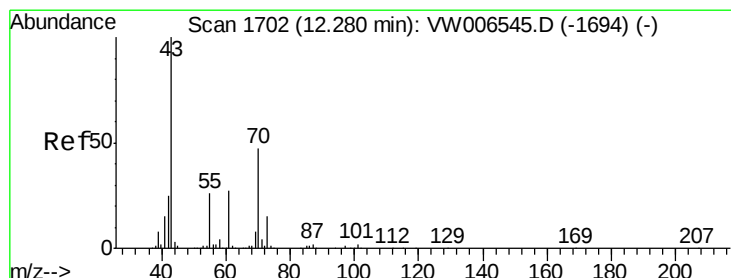
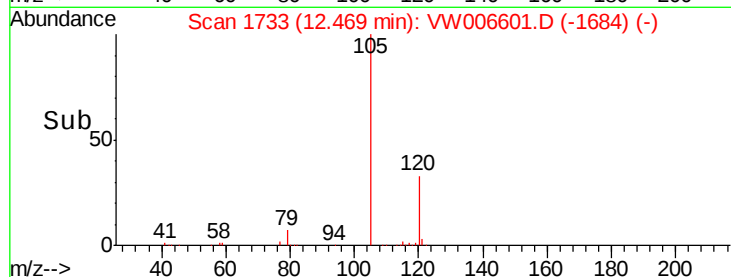
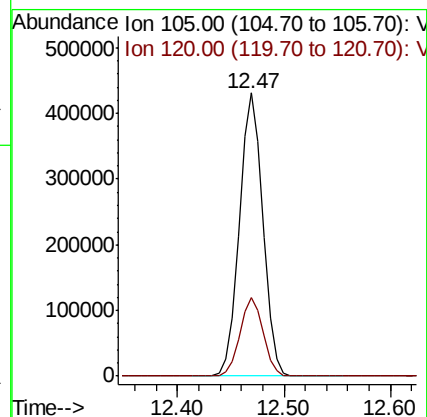
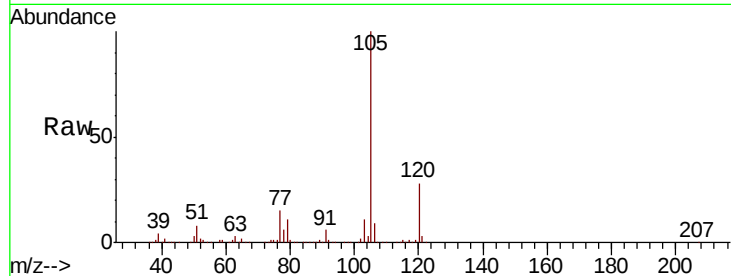
BFB

Tgt Ion: 105 Resp: 666026

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



#74

N-ethyl acetate

Concen: 50.699 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Tgt Ion: 43 Resp: 113124

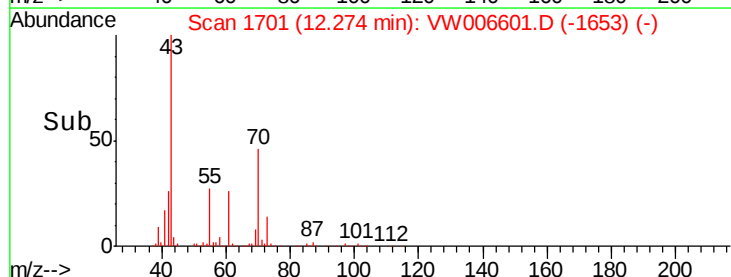
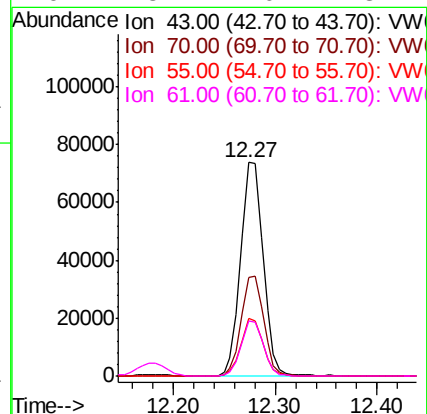
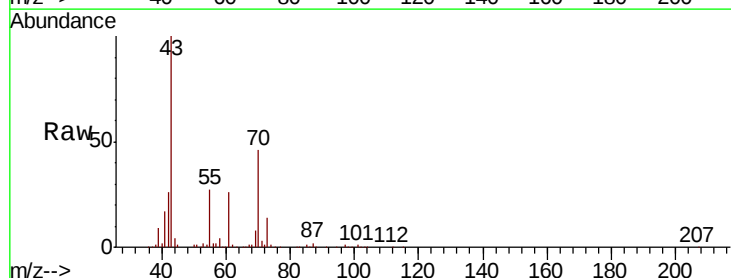
Ion Ratio Lower Upper

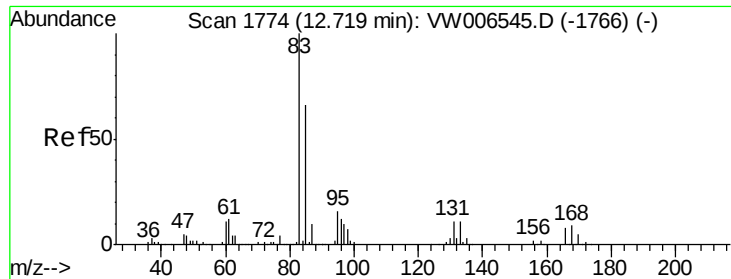
43 100

70 46.6 36.9 55.3

55 26.4 20.7 31.1

61 25.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.116 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

BFB

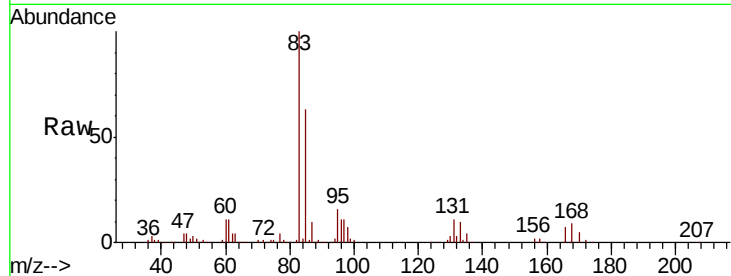
Tgt Ion: 83 Resp: 100168

Ion Ratio Lower Upper

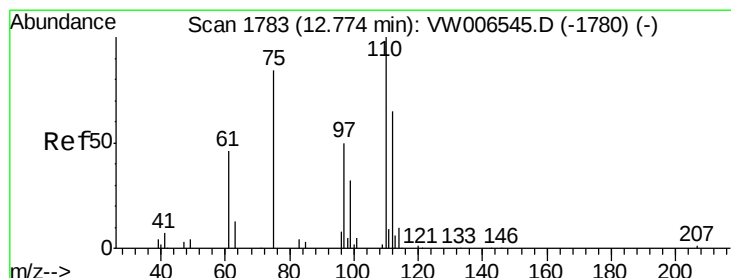
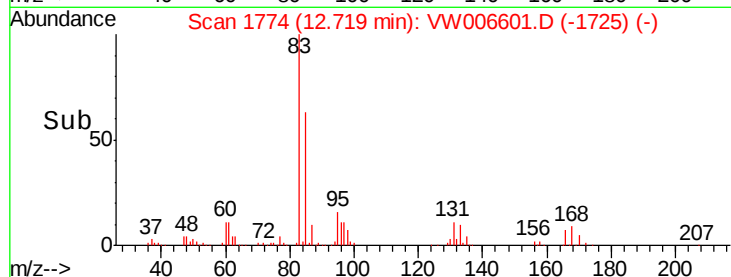
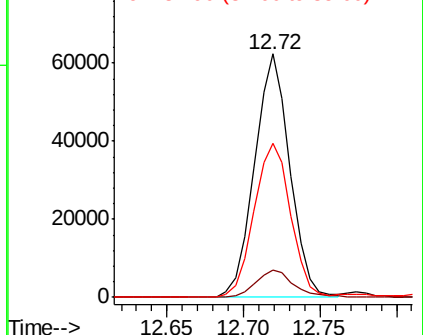
83 100

131 12.0 5.9 17.7

85 65.3 32.3 96.8



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: 84.803 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006601.D

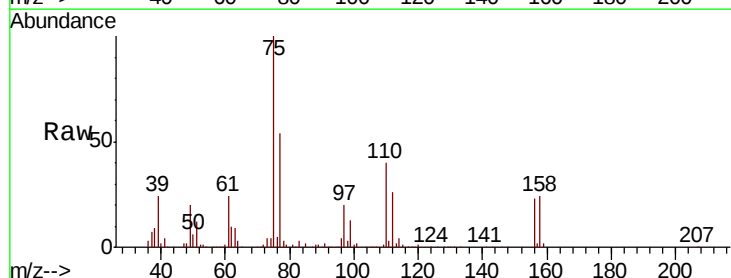
Acq: 02 Nov 2018 14:51

Tgt Ion: 75 Resp: 129693

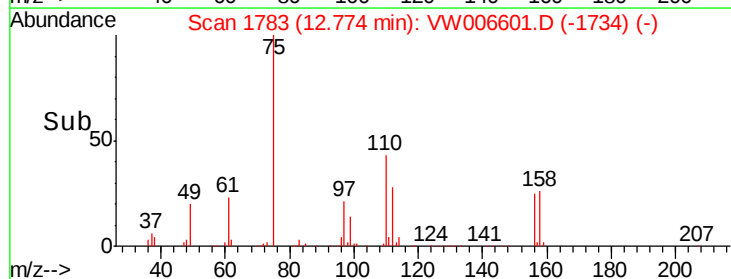
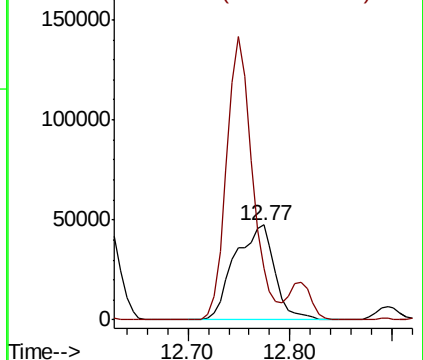
Ion Ratio Lower Upper

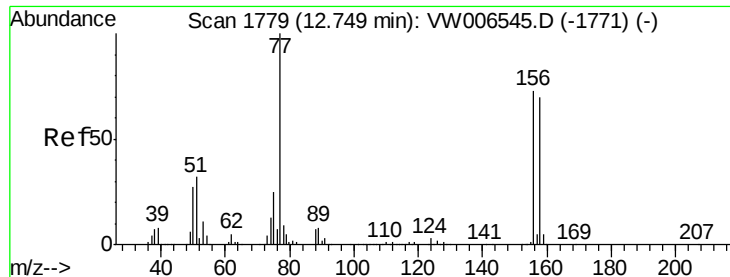
75 100

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

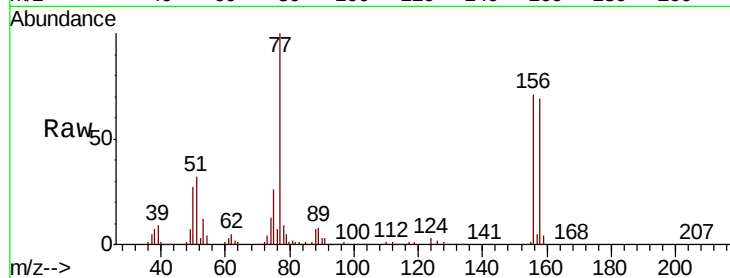




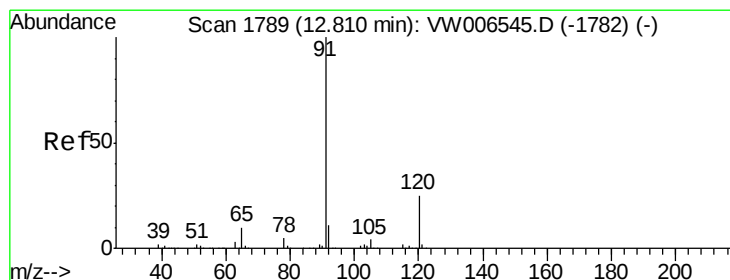
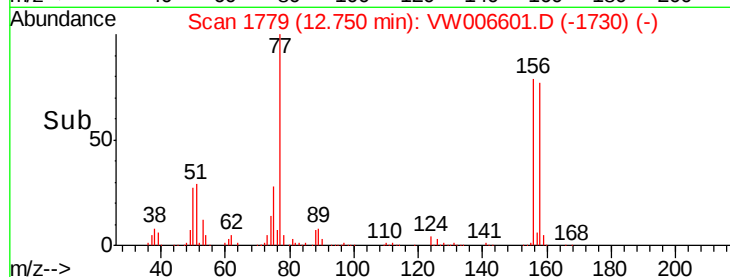
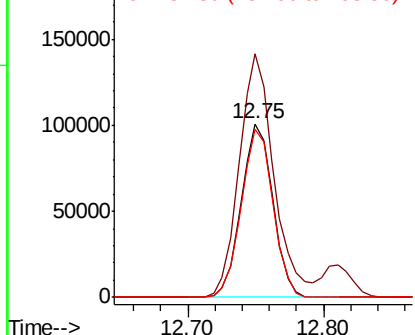
#77
Bromobenzene
Concen: 49.080 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:156 Resp: 164084
Ion Ratio Lower Upper
156 100
77 153.6 75.9 227.8
158 97.4 48.6 145.9

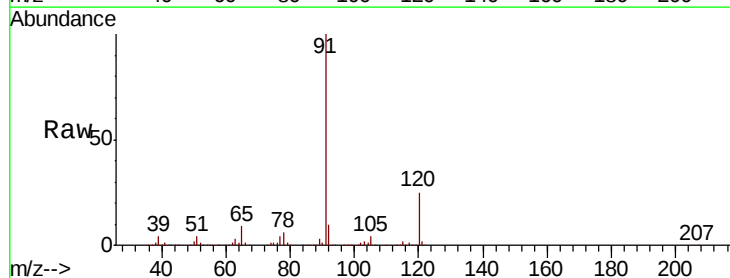


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

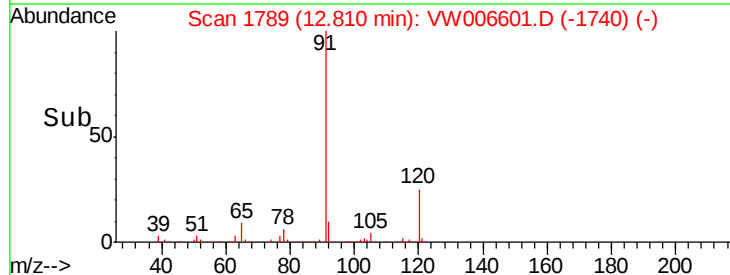
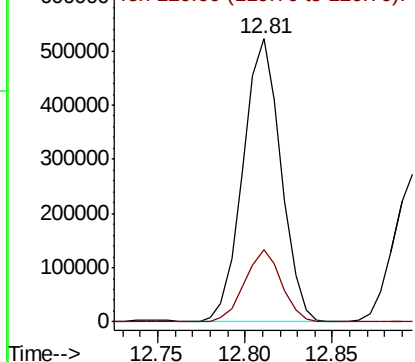


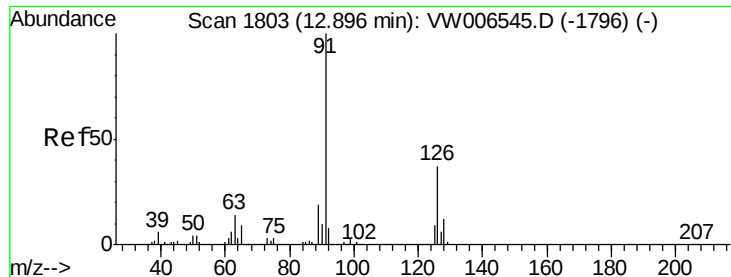
#78
n-propylbenzene
Concen: 53.074 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 91 Resp: 788256
Ion Ratio Lower Upper
91 100
120 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.187 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

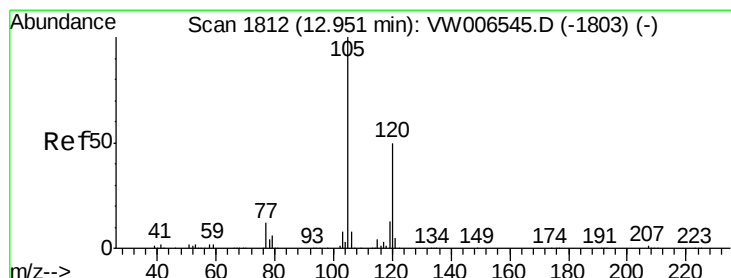
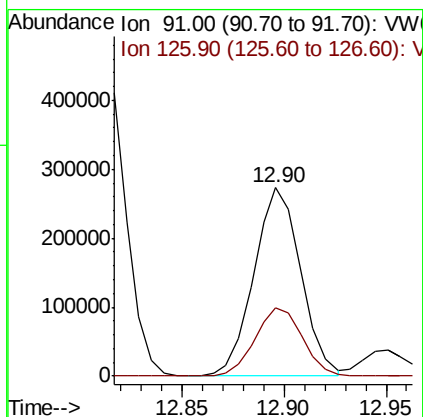
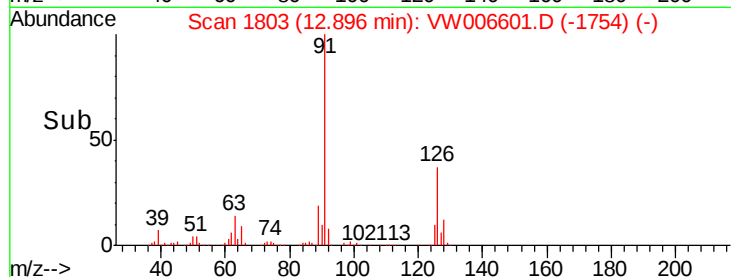
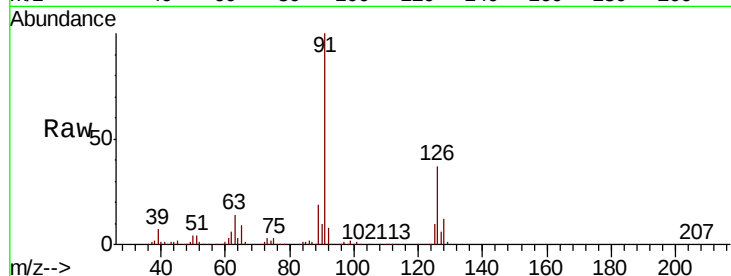
BFB

Tgt Ion: 91 Resp: 436296

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 52.473 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006601.D

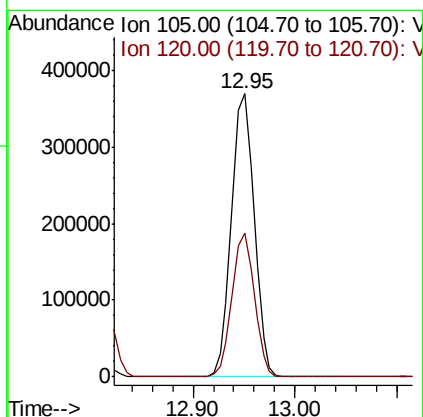
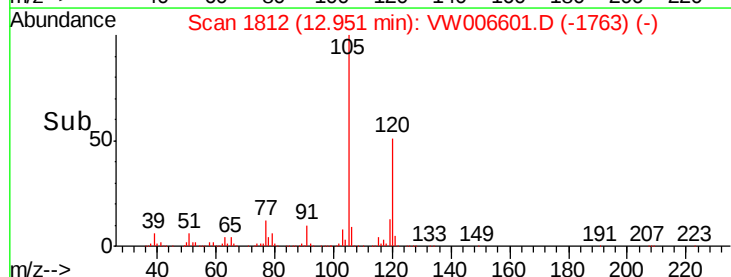
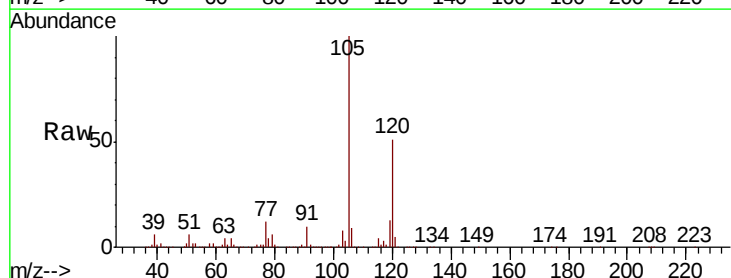
Acq: 02 Nov 2018 14:51

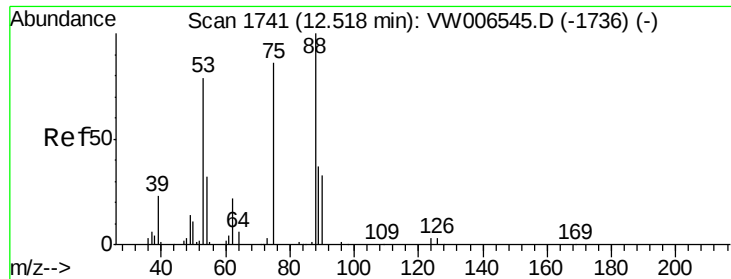
Tgt Ion: 105 Resp: 569221

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3

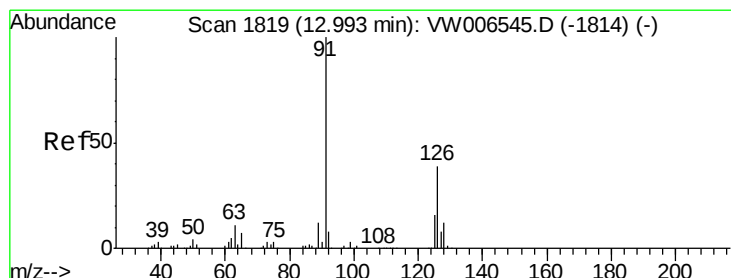
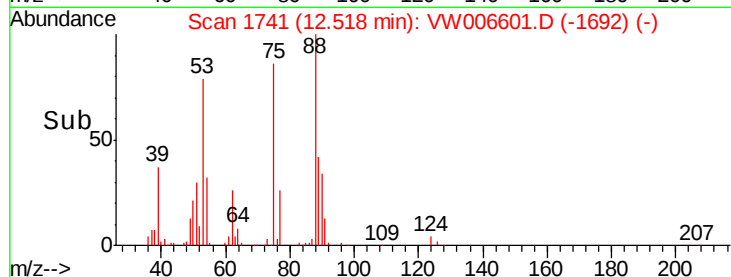
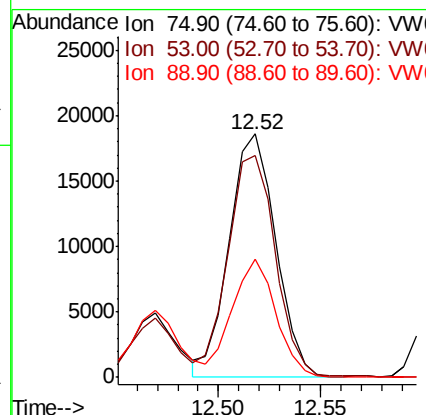
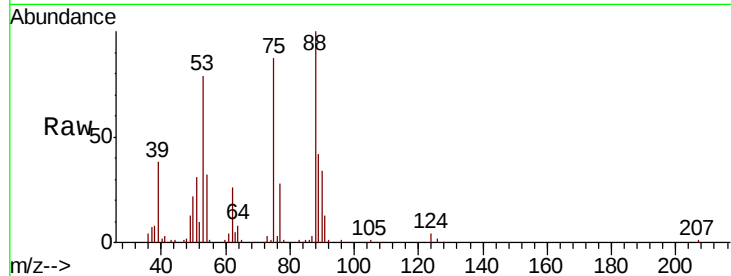




#81
trans-1,4-Dichloro-2-butene
Concen: 49.539 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

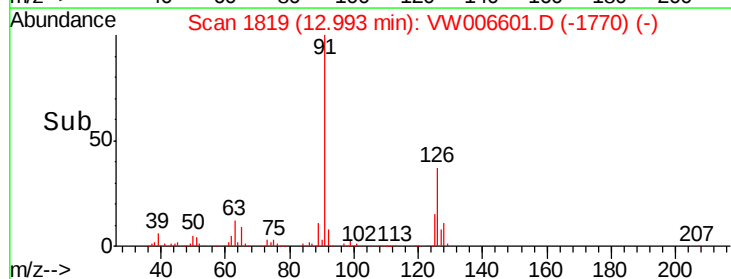
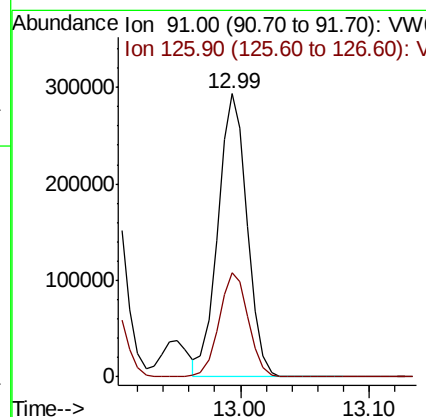
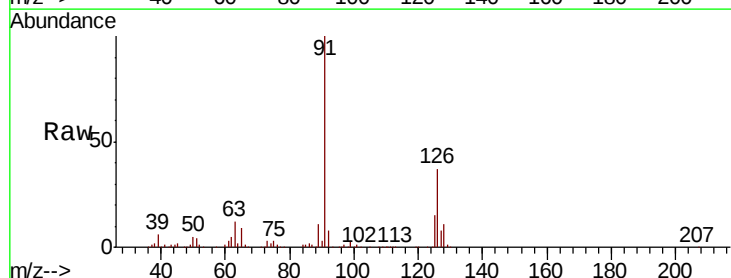
Instrument :
MSVOA_W
ClientSampled :
BFB

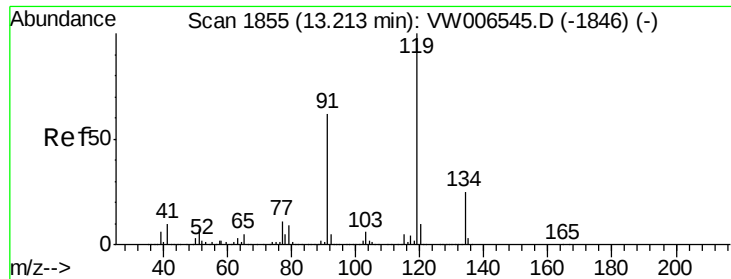
Tgt Ion: 75 Resp: 29240
Ion Ratio Lower Upper
75 100
53 94.8 77.2 115.8
89 46.1 38.6 58.0



#82
4-Chlorotoluene
Concen: 51.509 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion: 91 Resp: 464488
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5

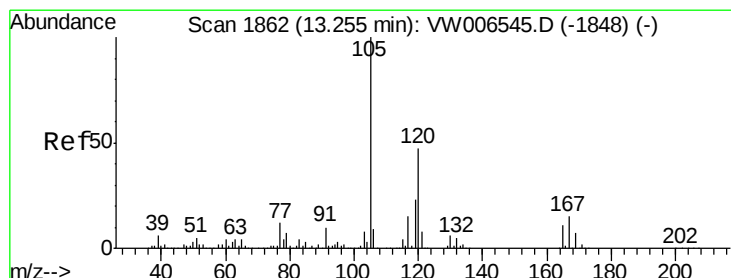
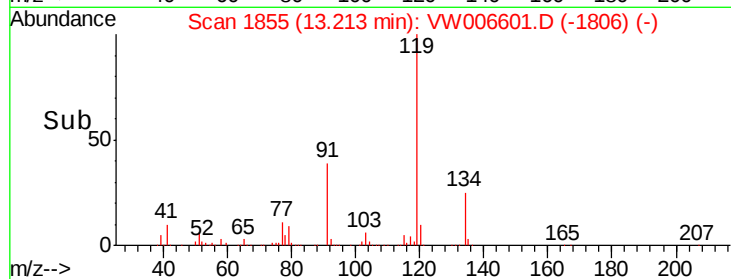
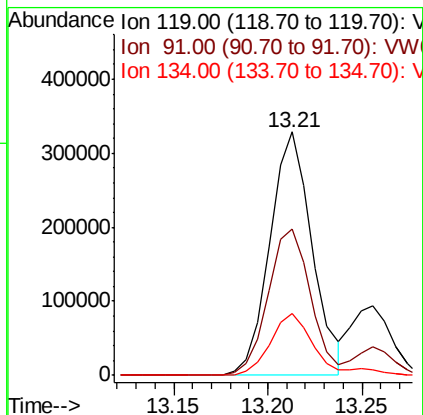
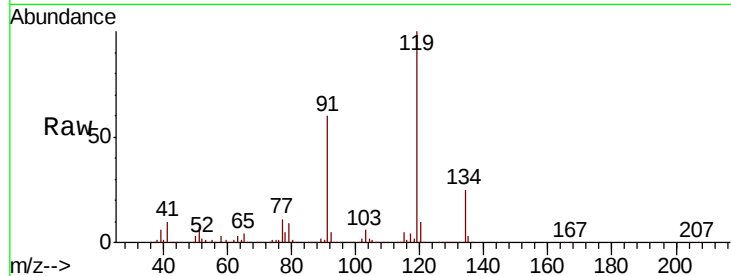




#83
tert-Butylbenzene
Concen: 52.729 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

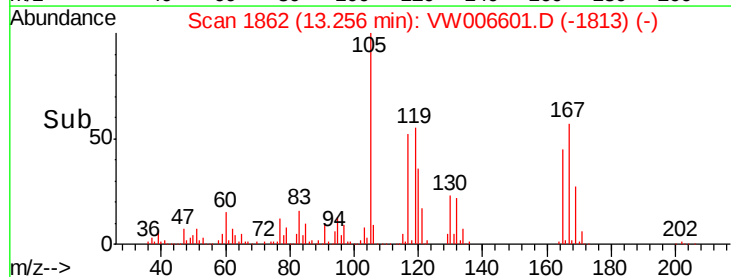
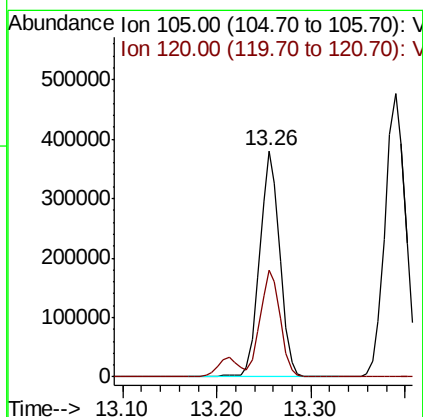
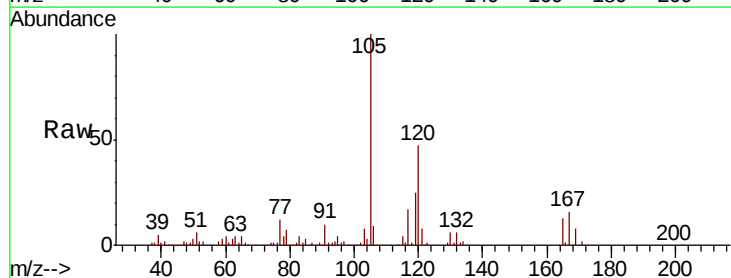
Instrument :
MSVOA_W
ClientSampled :
BFB

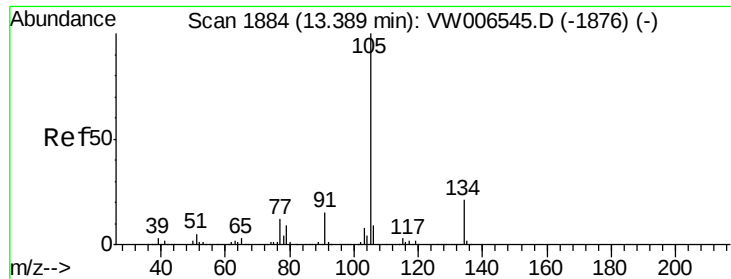
Tgt Ion:119 Resp: 510100
Ion Ratio Lower Upper
119 100
91 60.6 30.4 91.3
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 51.635 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:105 Resp: 574534
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6

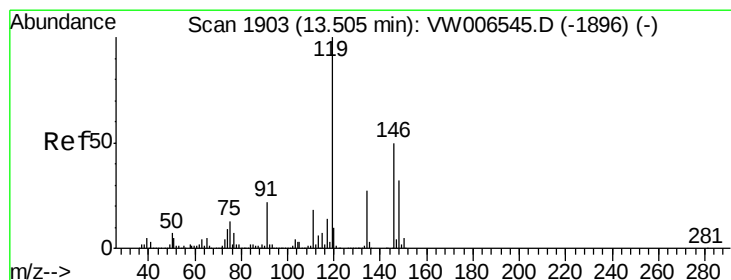
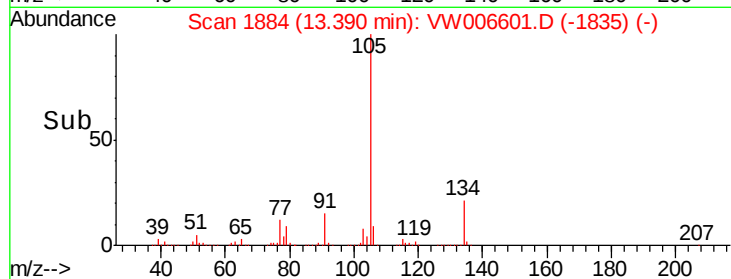
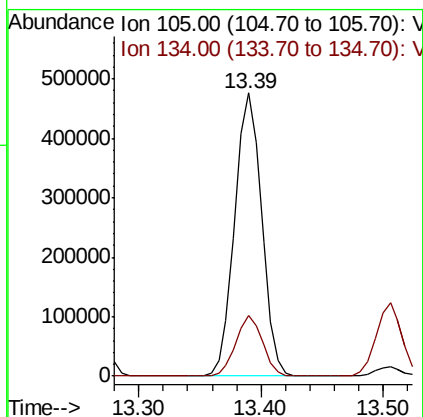
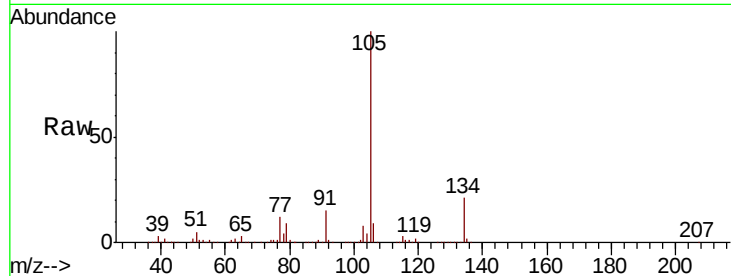




#85
 sec-Butylbenzene
 Concen: 53.496 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

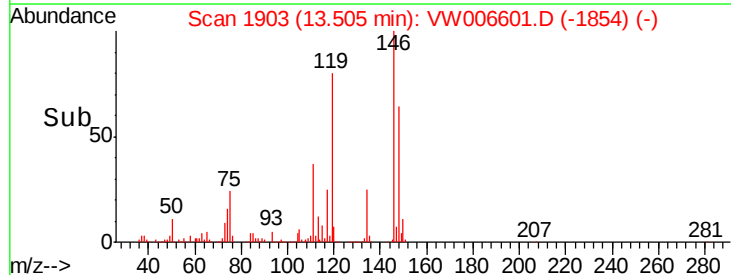
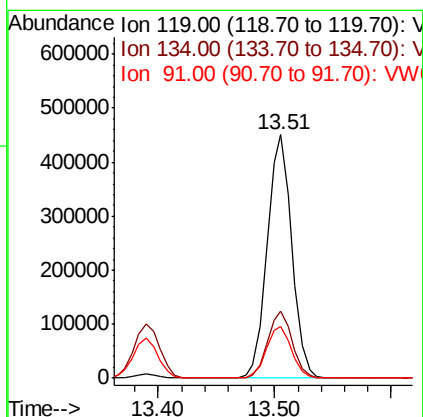
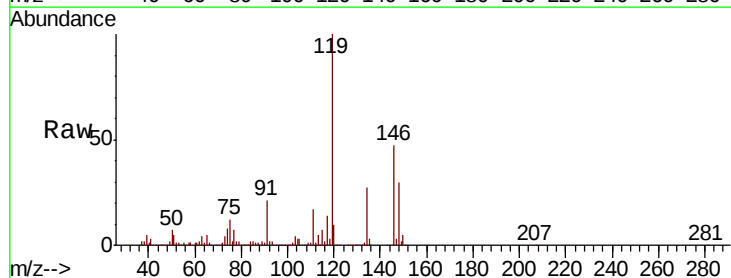
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

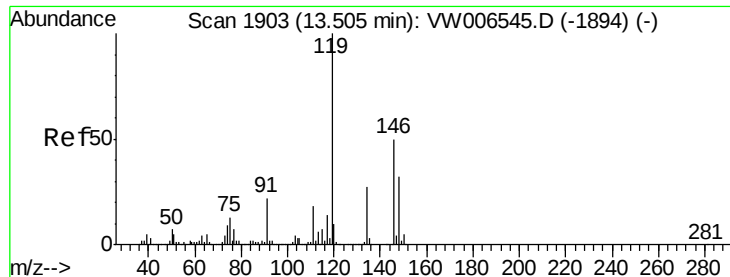
Tgt Ion:105 Resp: 724814
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 53.440 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion:119 Resp: 658838
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.8 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 51.056 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

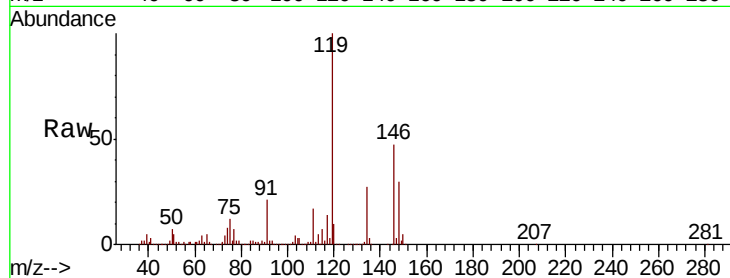
Tgt Ion:146 Resp: 336149

Ion Ratio Lower Upper

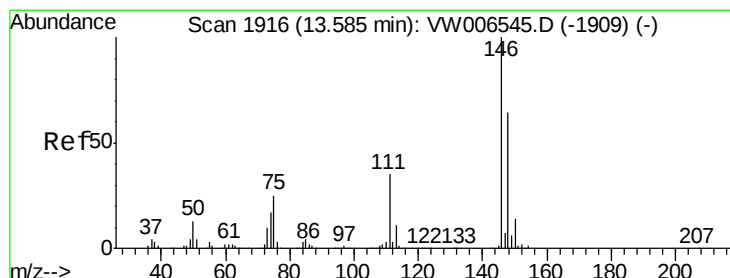
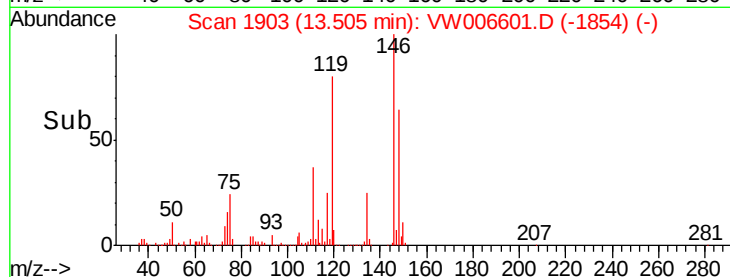
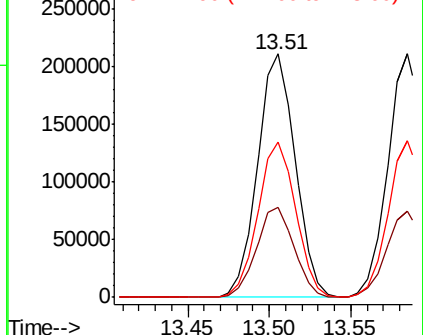
146 100

111 37.1 18.6 55.6

148 64.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 51.020 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

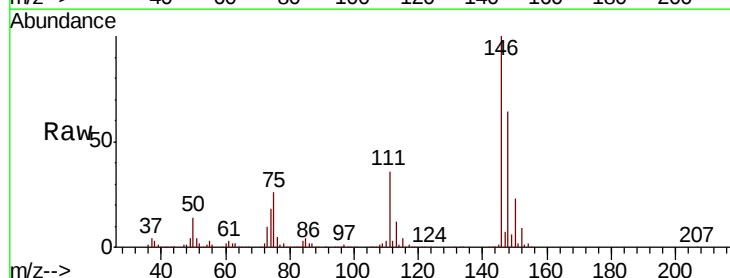
Tgt Ion:146 Resp: 332973

Ion Ratio Lower Upper

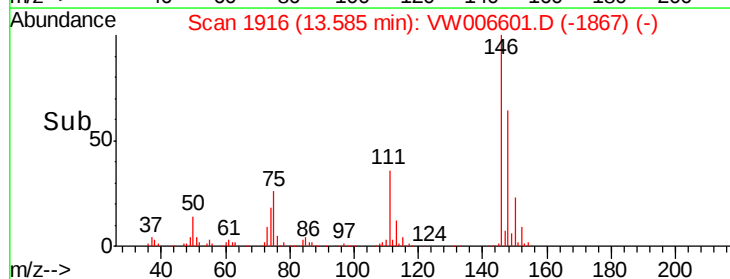
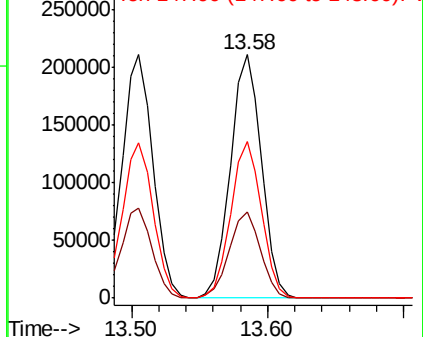
146 100

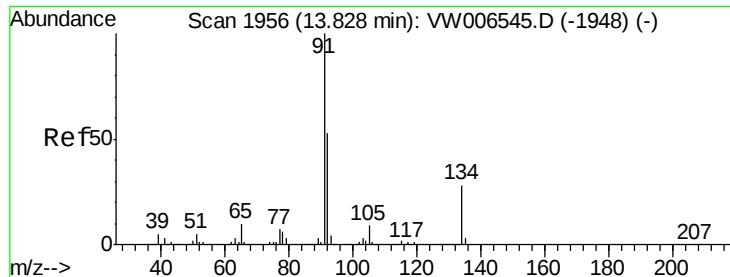
111 35.9 17.9 53.7

148 63.8 32.1 96.5



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





#89

n-Butylbenzene

Concen: 55.146 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampled :

BFB

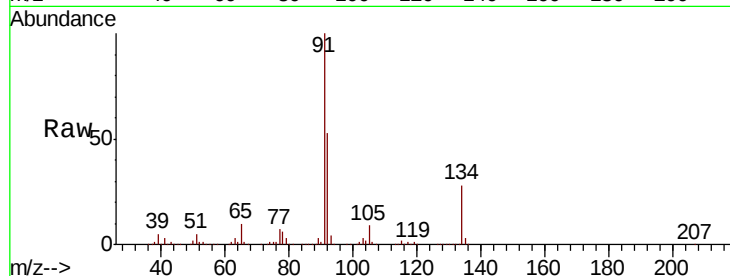
Tgt Ion: 91 Resp: 603511

Ion Ratio Lower Upper

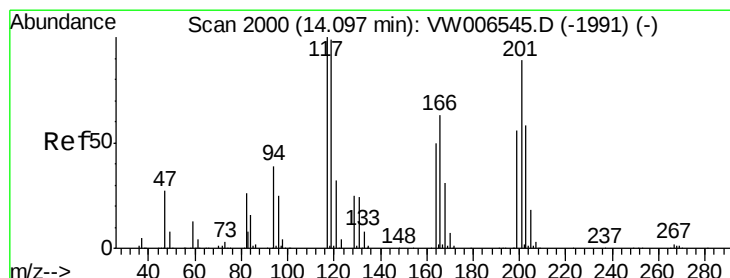
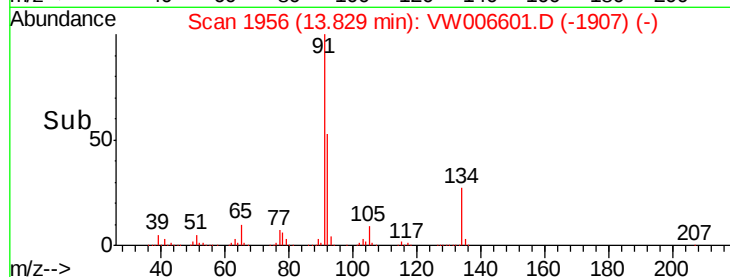
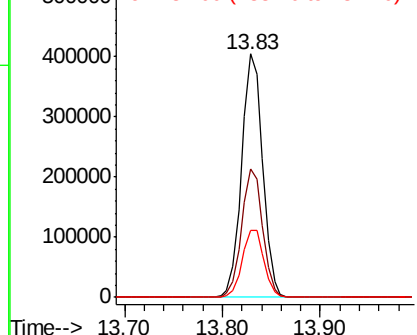
91 100

92 52.6 26.4 79.0

134 28.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.241 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW006601.D

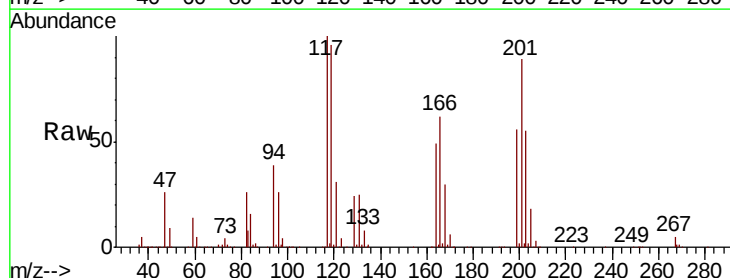
Acq: 02 Nov 2018 14:51

Tgt Ion: 117 Resp: 107879

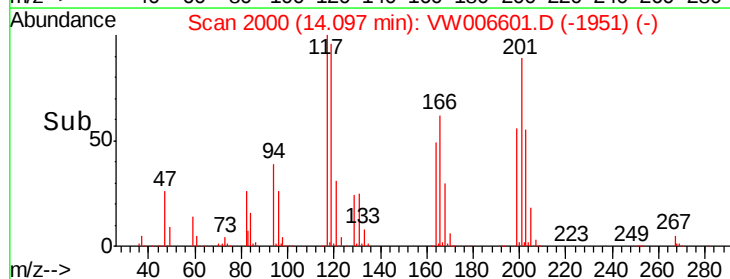
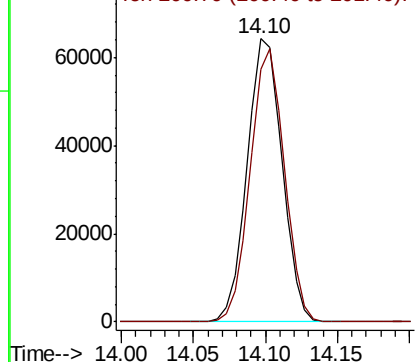
Ion Ratio Lower Upper

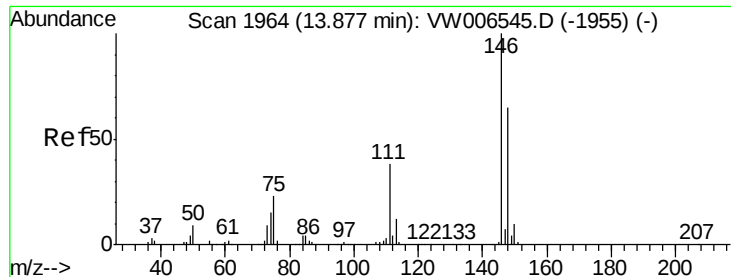
117 100

201 94.0 46.8 140.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 49.616 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

Instrument :

MSVOA_W

ClientSampleId :

BFB

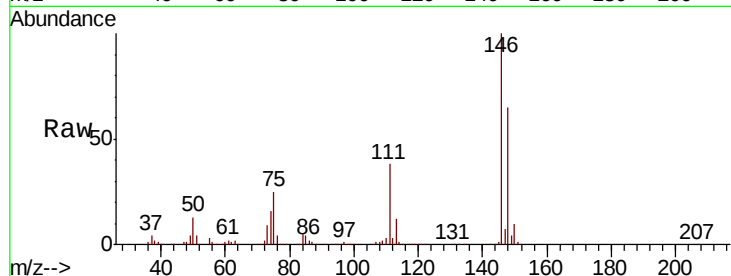
Tgt Ion:146 Resp: 293843

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 64.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

250000

200000

150000

100000

50000

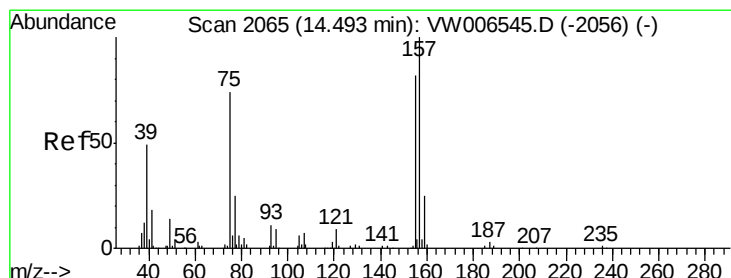
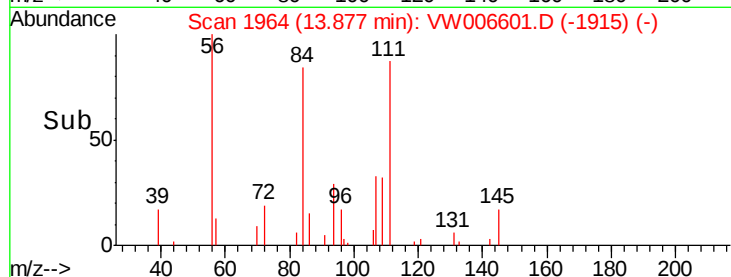
0

13.88

13.80

13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.190 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006601.D

Acq: 02 Nov 2018 14:51

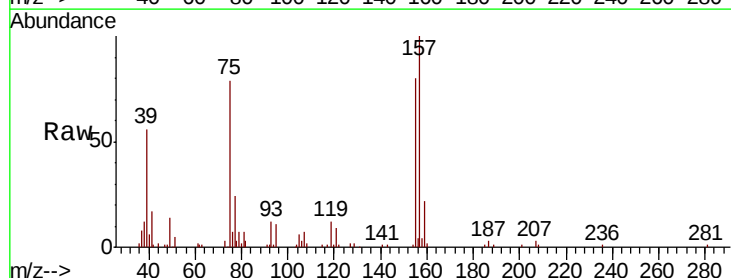
Tgt Ion: 75 Resp: 15947

Ion Ratio Lower Upper

75 100

155 102.7 50.6 151.8

157 127.3 65.0 195.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

15000

10000

5000

0

14.49

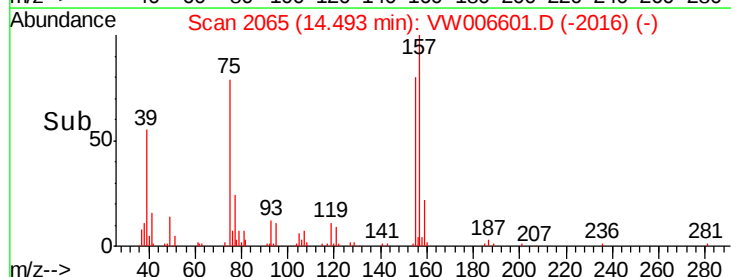
14.40

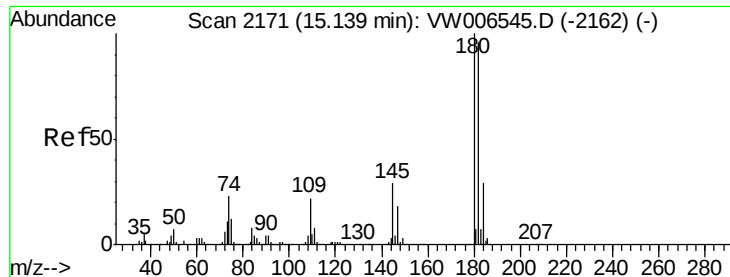
14.45

14.50

14.55

Time-->

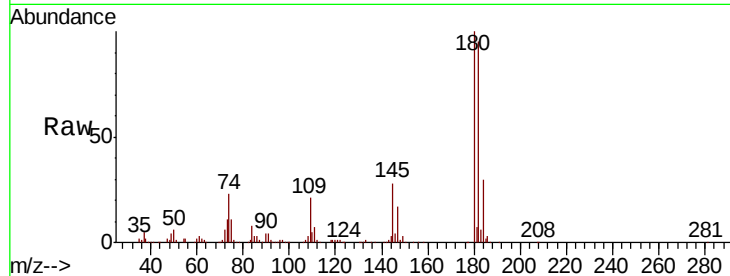




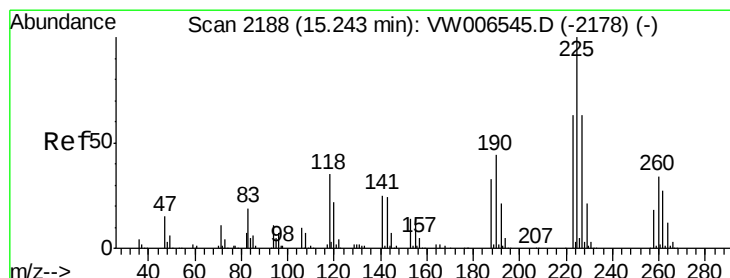
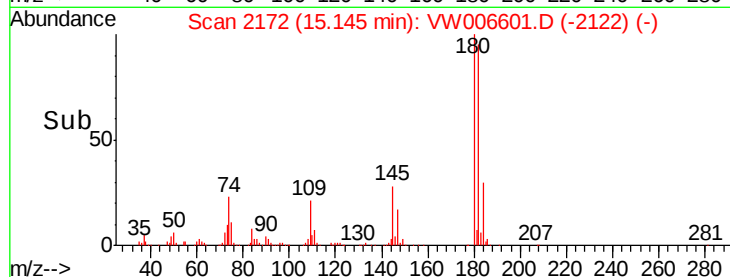
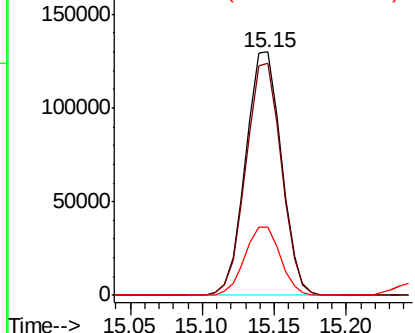
#93
 1,2,4-Trichlorobenzene
 Concen: 50.558 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:180 Resp: 222644
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.5 142.6
 145 28.2 14.0 42.0

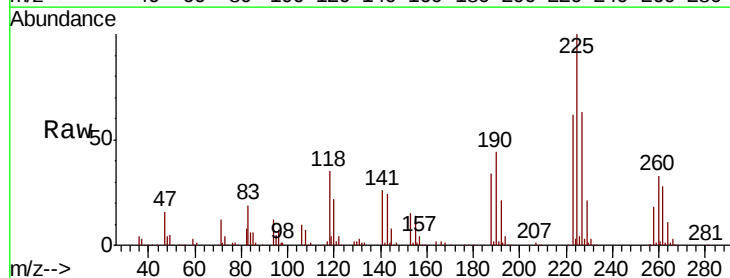


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

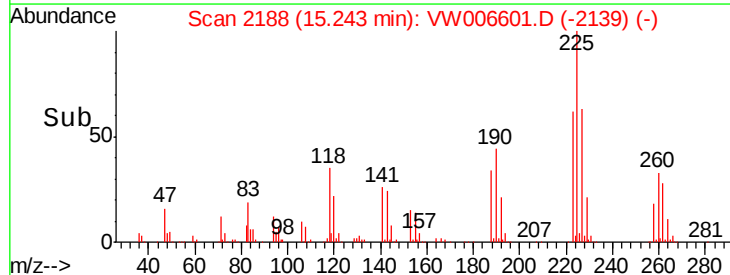
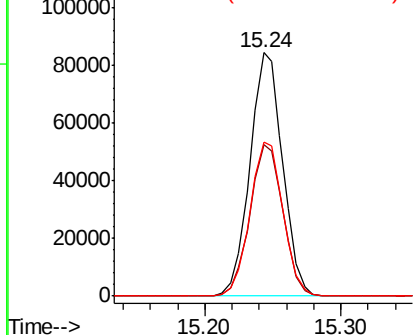


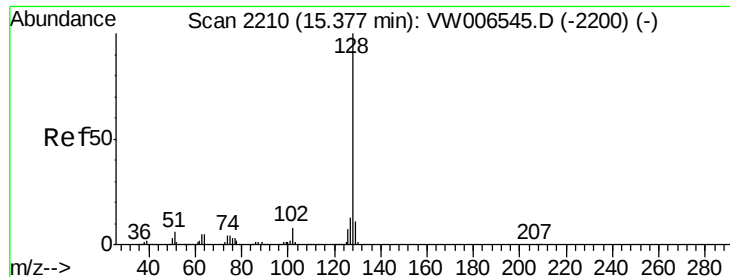
#94
 Hexachlorobutadiene
 Concen: 51.706 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006601.D
 Acq: 02 Nov 2018 14:51

Tgt Ion:225 Resp: 141913
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.2
 227 63.9 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

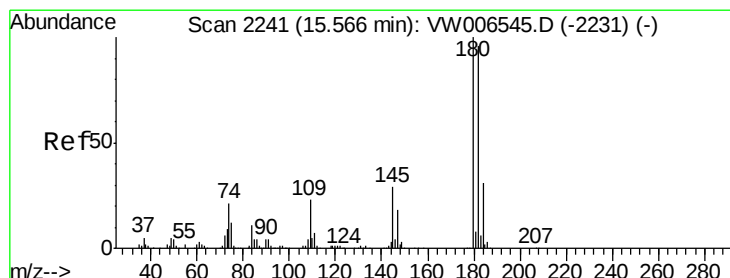
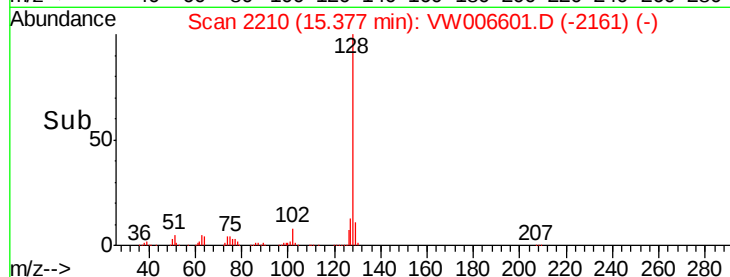
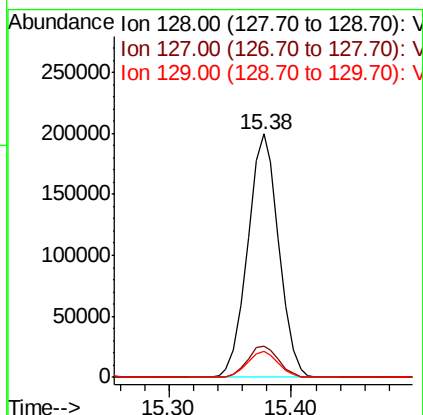
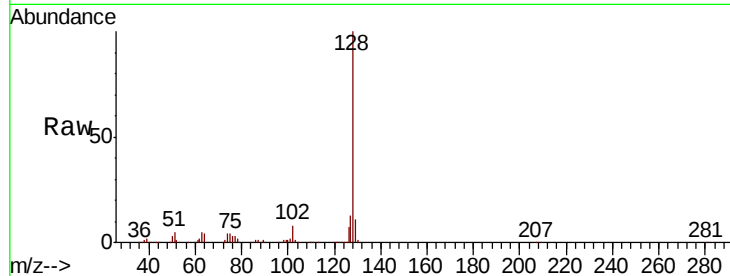




#95
Naphthalene
Concen: 49.700 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion:128 Resp: 351763
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.557 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006601.D
Acq: 02 Nov 2018 14:51

Tgt Ion:180 Resp: 191802
Ion Ratio Lower Upper
180 100
182 95.4 48.2 144.6
145 29.5 14.9 44.5

