

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
 Data File : VW005680.D
 Acq On : 27 Sep 2018 04:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Sep 27 07:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	361876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190547	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140347	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	7.89	113	123263	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.33	98	524038	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	
62) 4-Bromofluorobenzene	12.62	95	196968	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	76854	53.255	ug/l	97
3) Chloromethane	2.21	50	94136	48.609	ug/l	96
4) Vinyl Chloride	2.37	62	141258	61.022	ug/l	100
5) Bromomethane	2.78	94	84382	53.940	ug/l	96
6) Chloroethane	2.93	64	80733	54.352	ug/l	97
7) Trichlorofluoromethane	3.26	101	82555	45.598	ug/l	99
8) Diethyl Ether	3.68	74	70141	59.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	130276	56.844	ug/l	97
10) Methyl Iodide	4.27	142	211752	60.079	ug/l	96
11) Tert butyl alcohol	5.21	59	45872	313.642	ug/l	100
12) 1,1-Dichloroethene	4.04	96	130109	59.299	ug/l	96
13) Acrolein	3.90	56	25077	256.407	ug/l	97
14) Allyl chloride	4.67	41	222416	58.085	ug/l	99
15) Acrylonitrile	5.37	53	156906	298.813	ug/l	99
16) Acetone	4.14	43	128182	288.755	ug/l	93
17) Carbon Disulfide	4.38	76	417107	60.844	ug/l	99
18) Methyl Acetate	4.68	43	77748	57.799	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	202678	59.847	ug/l	98
20) Methylene Chloride	4.91	84	156110	67.120	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	142870	59.451	ug/l	98
22) Diisopropyl ether	6.31	45	414561	55.771	ug/l	98
23) Vinyl Acetate	6.26	43	1199171	282.247	ug/l	98
24) 1,1-Dichloroethane	6.22	63	247268	53.841	ug/l	100
25) 2-Butanone	7.18	43	185974	269.797	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145187	45.283	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	150613	56.822	ug/l	97
28) Bromochloromethane	7.51	49	89223	49.046	ug/l	99
29) Tetrahydrofuran	7.54	42	123255	286.216	ug/l	98
30) Chloroform	7.68	83	264114	55.704	ug/l	96
31) Cyclohexane	7.95	56	234613	53.321	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	220379	52.615	ug/l	99
36) 1,1-Dichloropropene	8.09	75	206561	56.237	ug/l	99
37) Ethyl Acetate	7.26	43	85322	55.200	ug/l	98
38) Carbon Tetrachloride	8.07	117	207335	52.677	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246234	56.821	ug/l	98
40) Benzene	8.32	78	572286	54.990	ug/l	100
41) Methacrylonitrile	7.49	41	57238	65.074	ug/l	94
42) 1,2-Dichloroethane	8.40	62	180146	54.066	ug/l	98
43) Isopropyl Acetate	8.43	43	170168	55.994	ug/l	99
44) Trichloroethene	9.10	130	146314	54.926	ug/l	98
45) 1,2-Dichloropropane	9.37	63	139643	54.541	ug/l	97
46) Dibromomethane	9.46	93	70600	55.188	ug/l	98
47) Bromodichloromethane	9.65	83	183656	53.443	ug/l	98
48) Methyl methacrylate	9.44	41	83335	57.734	ug/l	95
49) 1,4-Dioxane	9.48	88	23907	1175.441	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	488642	319.243	ug/l	100
52) Toluene	10.39	92	393648	60.621	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	201336	58.443	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	227235	58.871	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	109956	60.552	ug/l	99
56) Ethyl methacrylate	10.65	69	146796	65.486	ug/l	97
57) 1,3-Dichloropropane	10.94	76	194991	60.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	279175	274.738	ug/l	100
59) 2-Hexanone	10.98	43	322514	310.171	ug/l	96
60) Dibromochloromethane	11.13	129	130743	59.589	ug/l	99
61) 1,2-Dibromoethane	11.24	107	102160	60.340	ug/l	97
64) Tetrachloroethene	10.87	164	152641	59.431	ug/l	98
65) Chlorobenzene	11.66	112	425297	55.361	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	143980	52.074	ug/l	95
67) Ethyl Benzene	11.73	91	750014	55.003	ug/l	97
68) m/p-Xylenes	11.85	106	584138	113.387	ug/l	99
69) o-Xylene	12.17	106	277543	57.524	ug/l	99
70) Styrene	12.19	104	469333	57.803	ug/l	99
71) Bromoform	12.35	173	82612	56.289	ug/l #	99
73) Isopropylbenzene	12.47	105	782703	59.233	ug/l	100
74) N-amyl acetate	12.28	43	183264	61.248	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	127553	58.114	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	174731	107.574	ug/l #	100
77) Bromobenzene	12.75	156	176199	56.892	ug/l	99
78) n-propylbenzene	12.81	91	931210	58.208	ug/l	99
79) 2-Chlorotoluene	12.90	91	531511	57.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	670305	58.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	40945	56.776	ug/l	94
82) 4-Chlorotoluene	12.99	91	561808	57.448	ug/l	99
83) tert-Butylbenzene	13.21	119	568585	58.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	653624	56.371	ug/l	96
85) sec-Butylbenzene	13.39	105	795026	56.787	ug/l	99
86) p-Isopropyltoluene	13.51	119	713428	56.853	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	346727	54.751	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	336331	53.400	ug/l	99
89) n-Butylbenzene	13.83	91	681752	57.599	ug/l	99
90) Hexachloroethane	14.10	117	129320	56.859	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	313147	56.015	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22876	54.704	ug/l	98

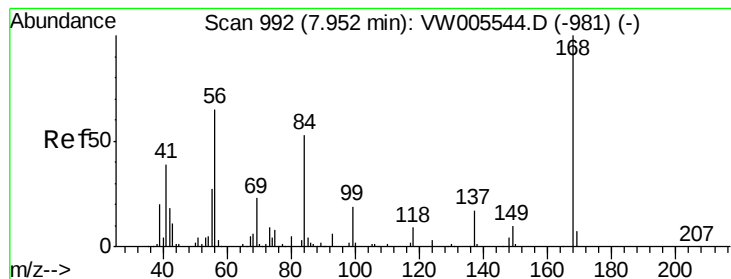
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	228149	57.209	ug/l	100
94) Hexachlorobutadiene	15.24	225	140605	54.422	ug/l	99
95) Naphthalene	15.38	128	423773	63.174	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205556	58.488	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

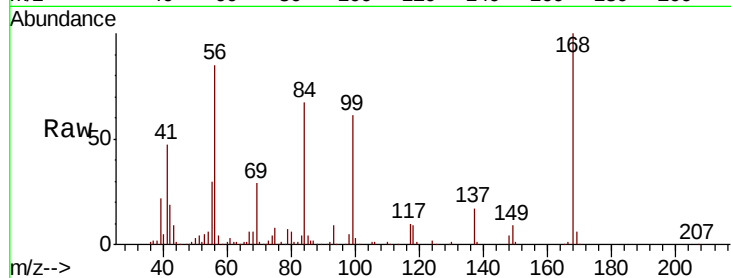
BFB

Tgt Ion:168 Resp: 240911

Ion Ratio Lower Upper

168 100

99 60.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

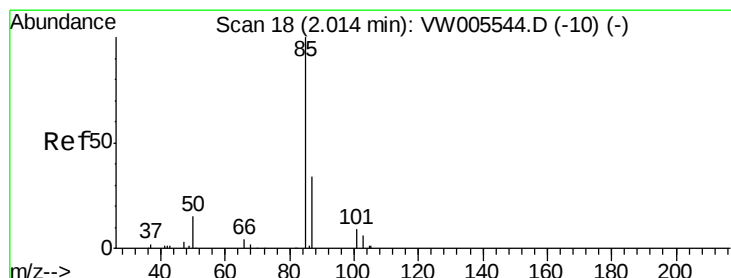
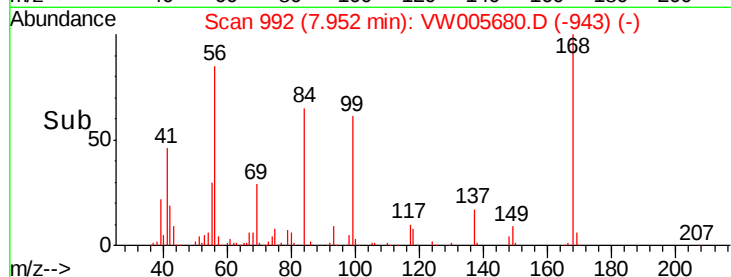
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.255 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005680.D

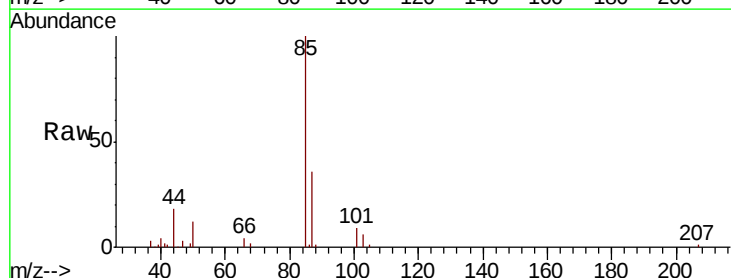
Acq: 27 Sep 2018 04:02

Tgt Ion: 85 Resp: 76854

Ion Ratio Lower Upper

85 100

87 35.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

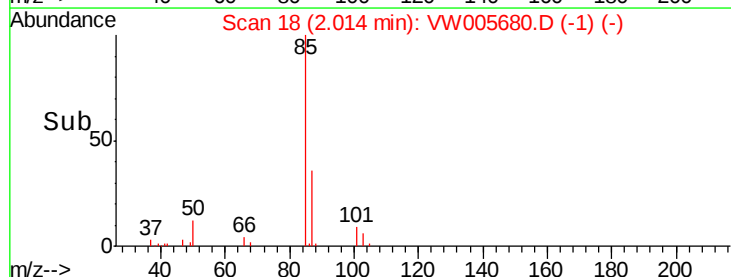
15000

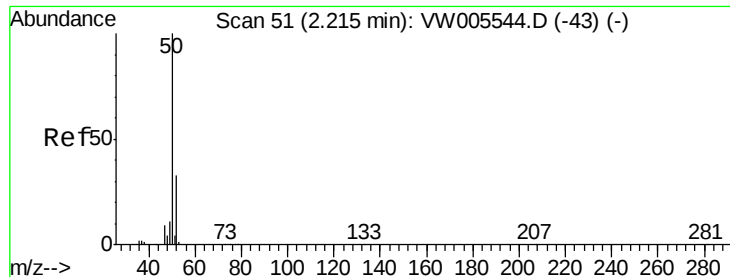
10000

5000

0

Time-->





#3

Chloromethane

Concen: 48.609 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

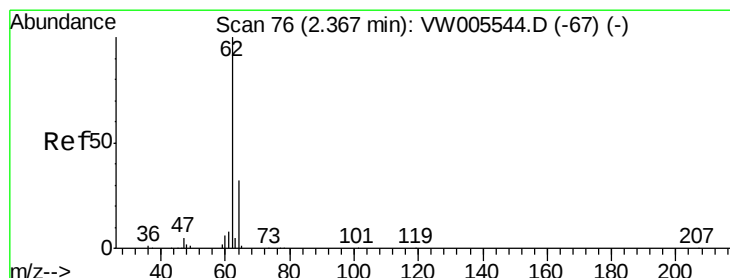
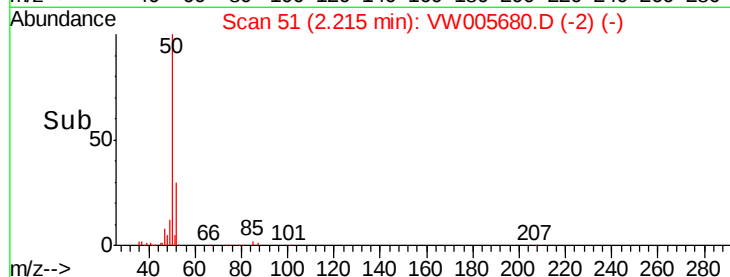
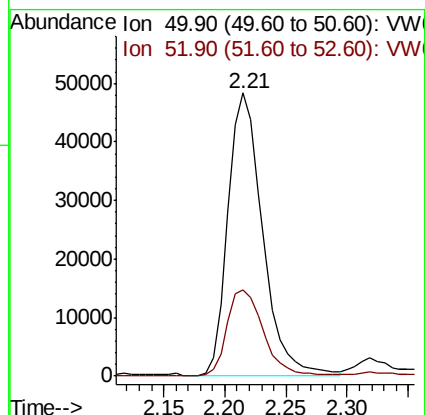
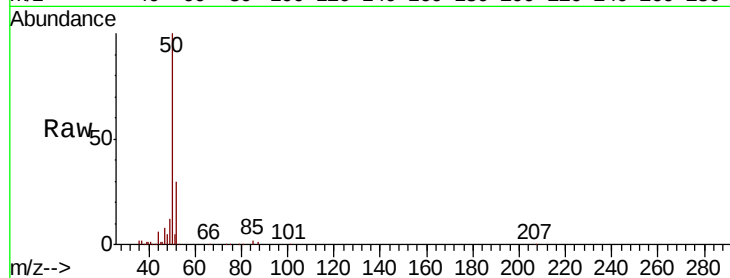
BFB

Tgt Ion: 50 Resp: 94136

Ion Ratio Lower Upper

50 100

52 30.6 26.2 39.4



#4

Vinyl Chloride

Concen: 61.022 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005680.D

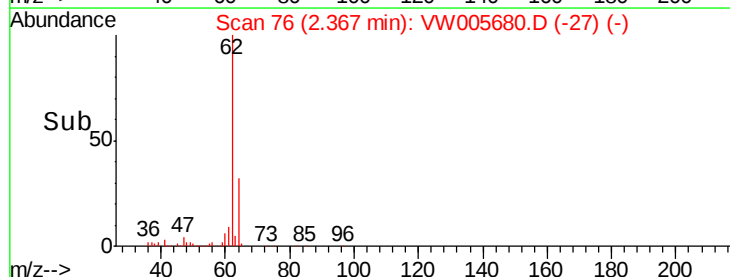
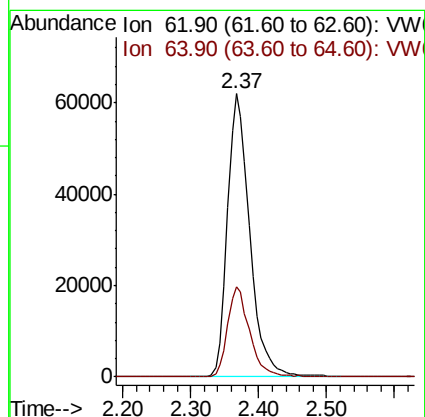
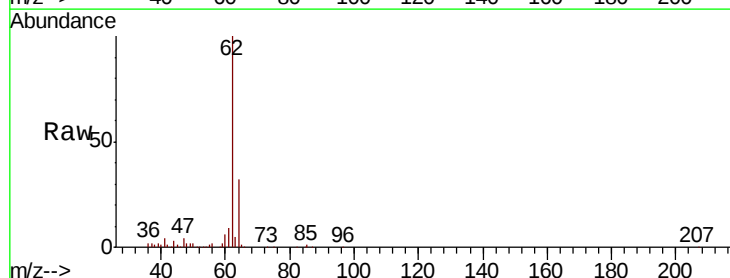
Acq: 27 Sep 2018 04:02

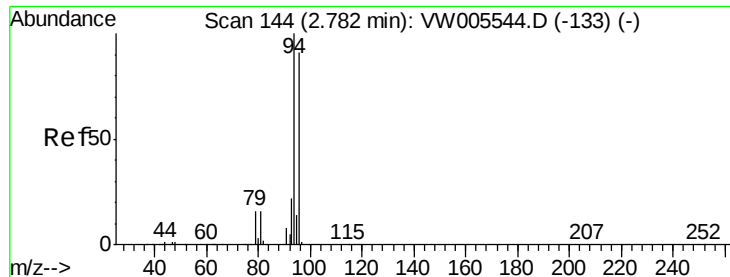
Tgt Ion: 62 Resp: 141258

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 53.940 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

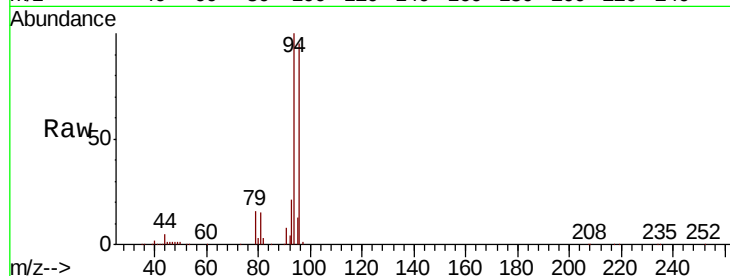
BFB

Tgt Ion: 94 Resp: 84382

Ion Ratio Lower Upper

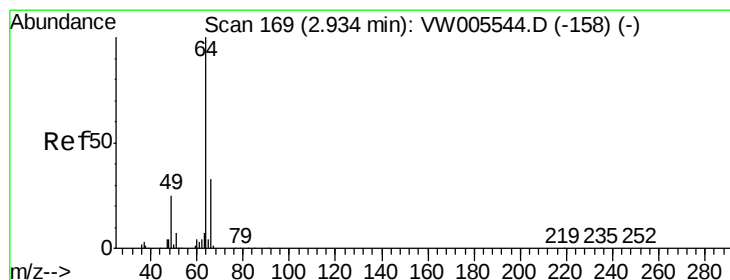
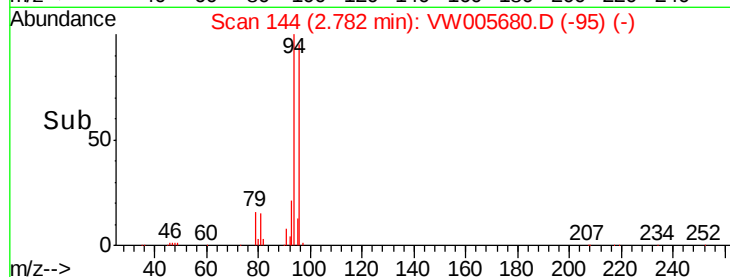
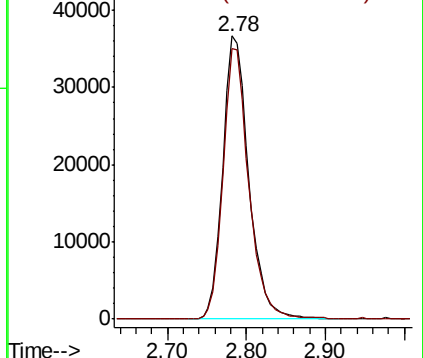
94 100

96 95.5 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 54.352 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005680.D

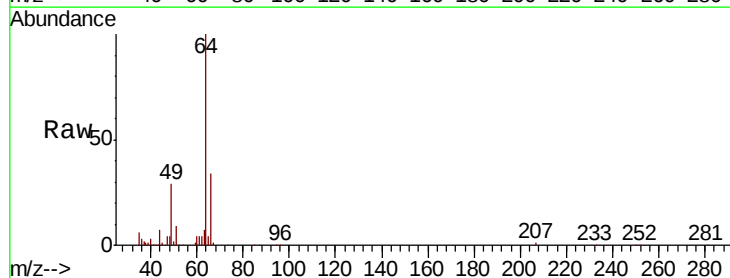
Acq: 27 Sep 2018 04:02

Tgt Ion: 64 Resp: 80733

Ion Ratio Lower Upper

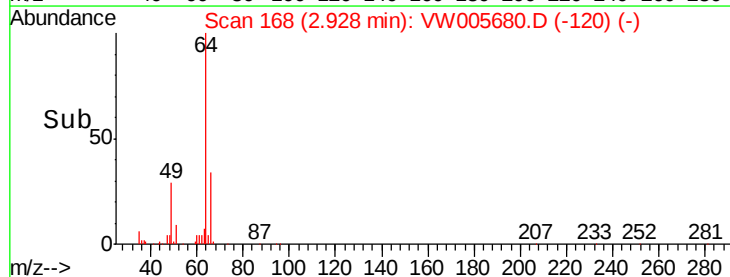
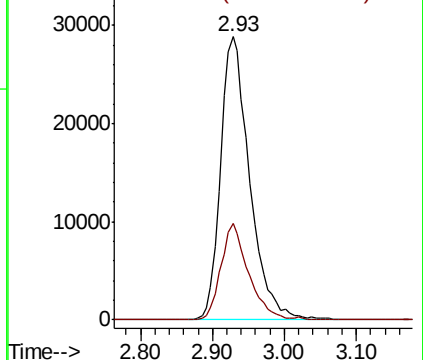
64 100

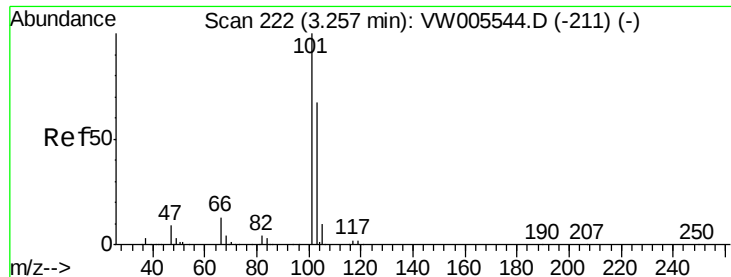
66 34.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



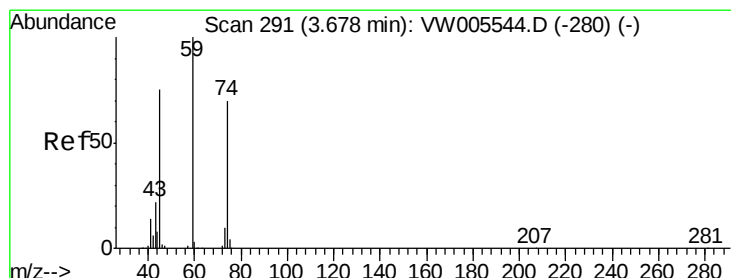
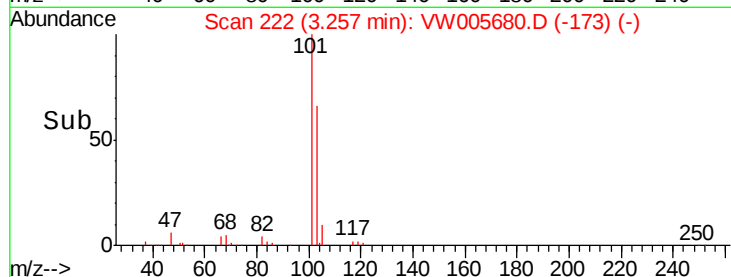
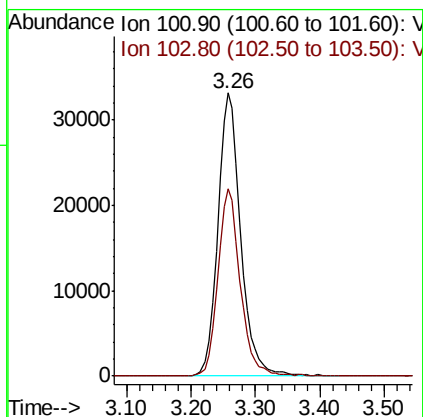
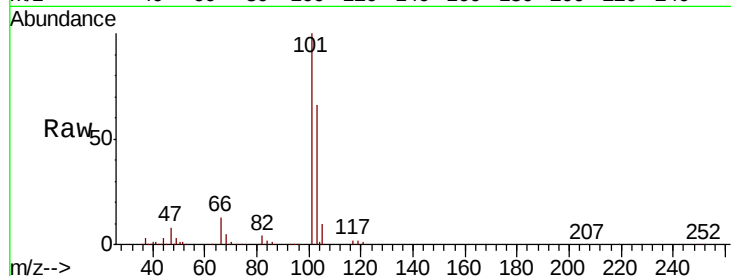


#7

Trichlorofluoromethane
 Concen: 45.598 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

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 BFB

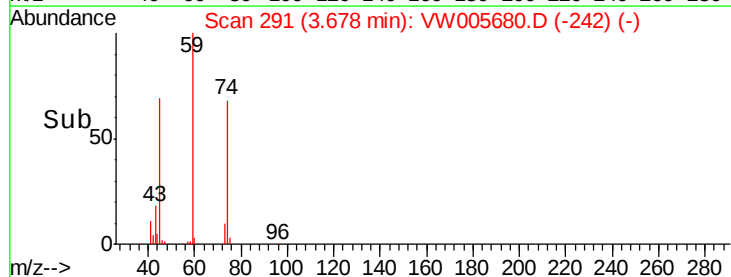
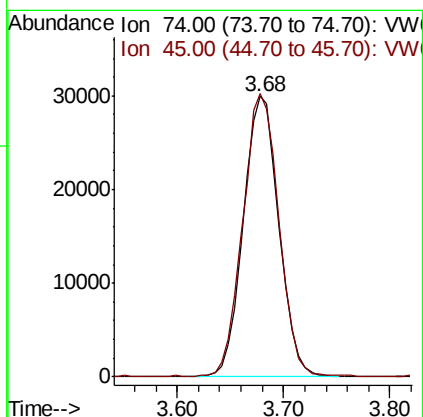
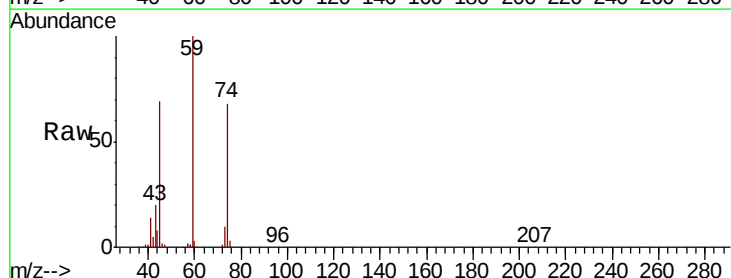
Tgt Ion: 101 Resp: 82555
 Ion Ratio Lower Upper
 101 100
 103 66.1 53.2 79.8

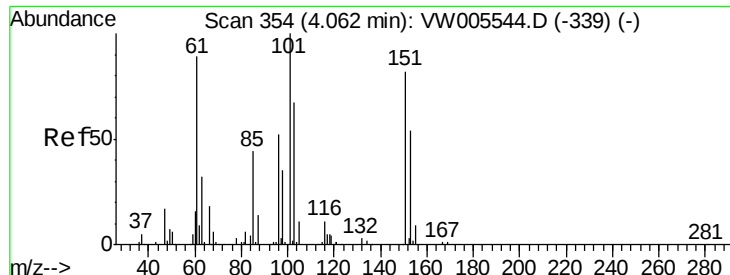


#8

Diethyl Ether
 Concen: 59.307 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 74 Resp: 70141
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.844 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

BFB

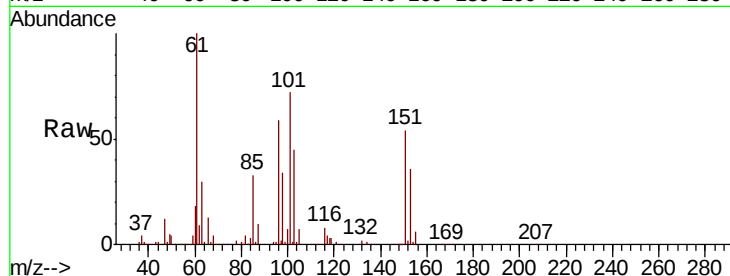
Tgt Ion:101 Resp: 130276

Ion Ratio Lower Upper

101 100

85 44.2 36.4 54.6

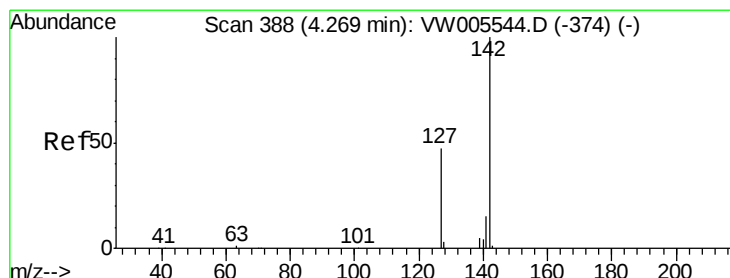
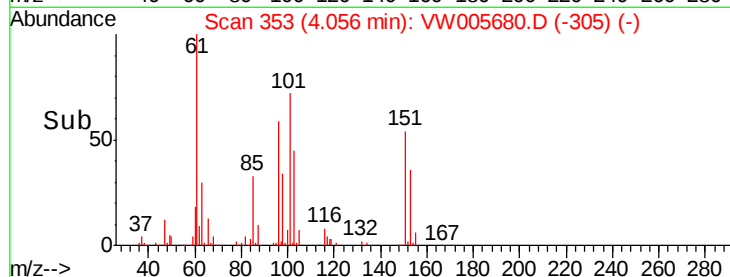
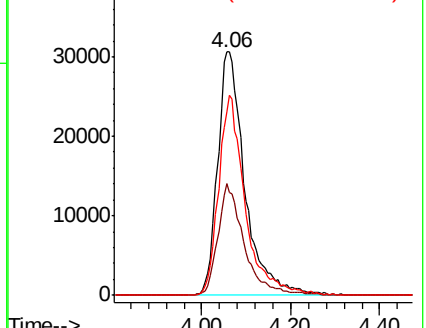
151 79.4 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 60.079 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

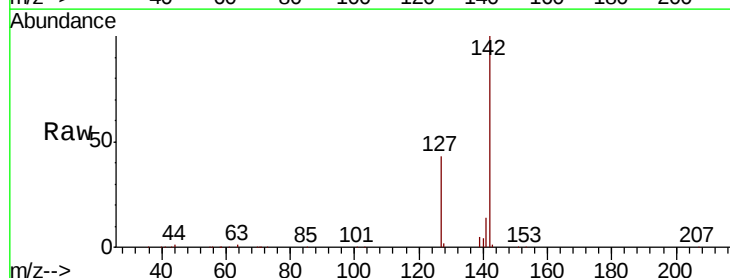
Tgt Ion:142 Resp: 211752

Ion Ratio Lower Upper

142 100

127 43.3 37.4 56.0

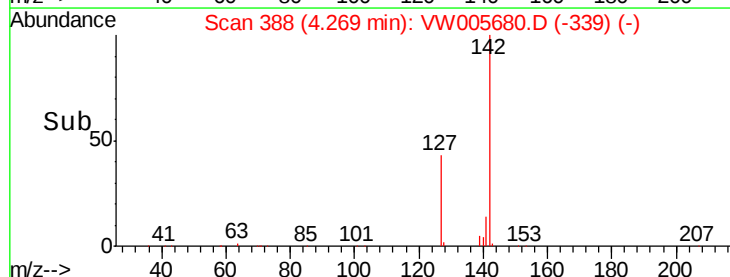
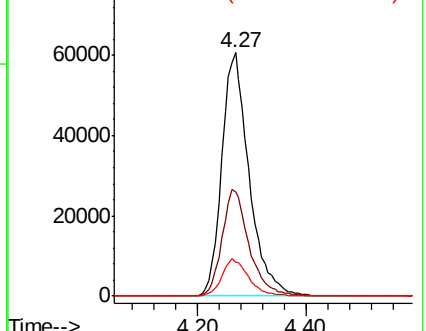
141 14.9 11.9 17.9

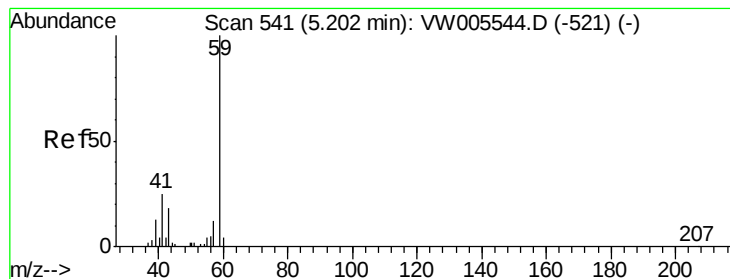


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 313.642 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

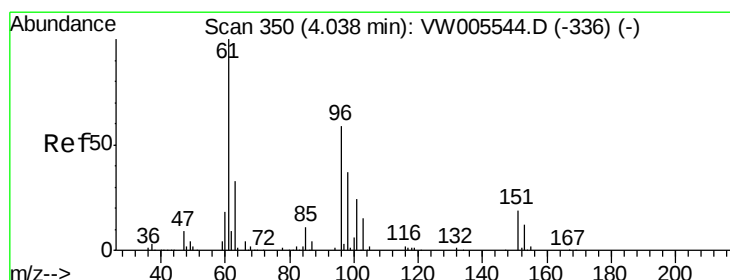
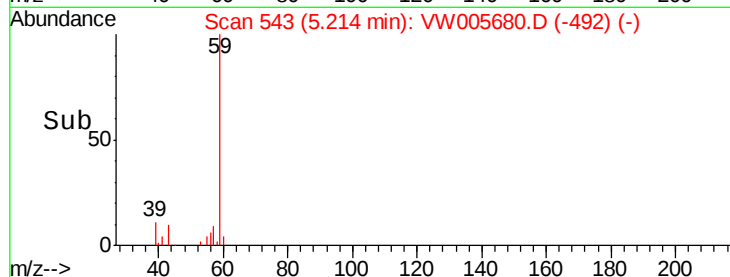
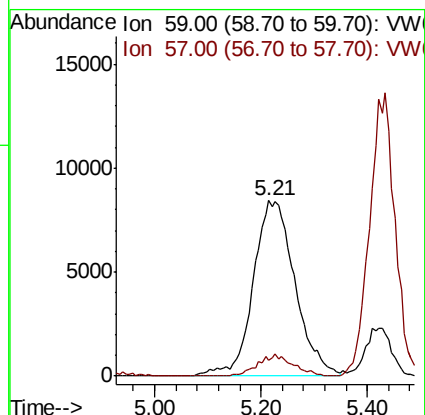
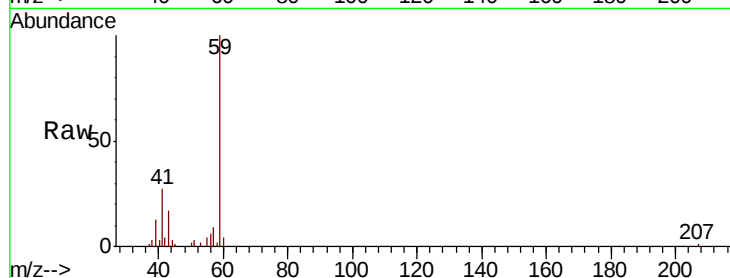
BFB

Tgt Ion: 59 Resp: 45872

Ion Ratio Lower Upper

59 100

57 10.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 59.299 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

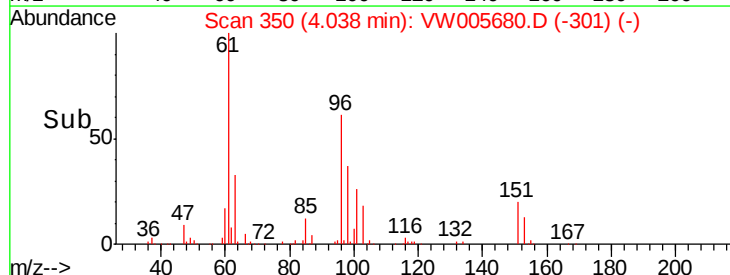
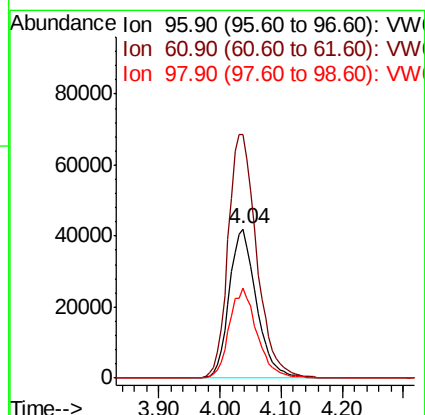
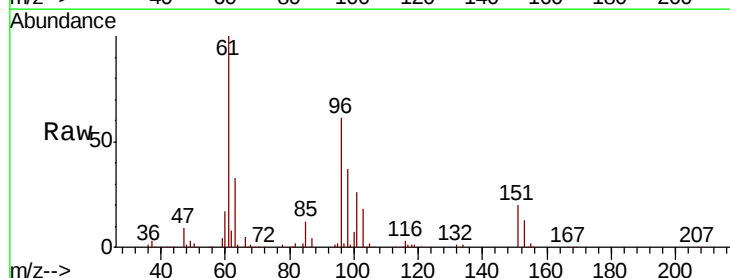
Tgt Ion: 96 Resp: 130109

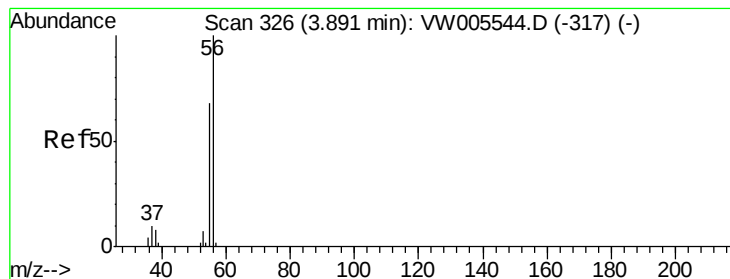
Ion Ratio Lower Upper

96 100

61 163.2 135.0 202.6

98 60.3 50.6 76.0





#13

Acrolein

Concen: 256.407 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

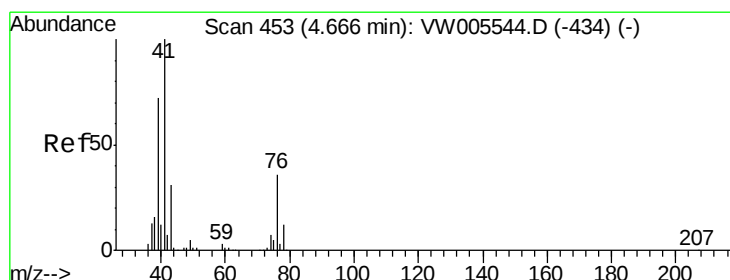
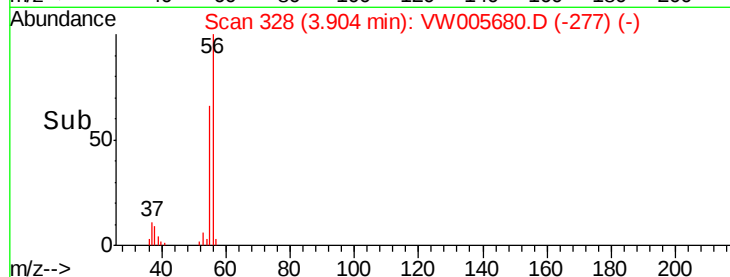
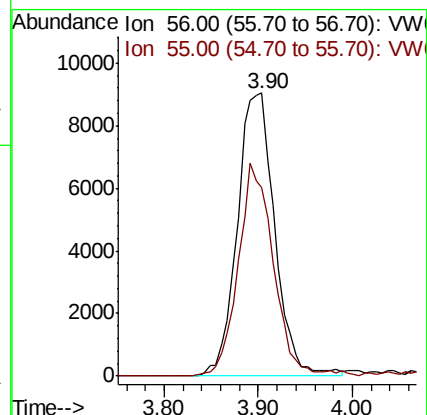
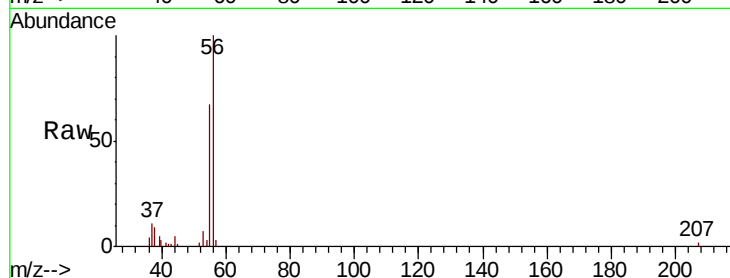
BFB

Tgt Ion: 56 Resp: 25077

Ion Ratio Lower Upper

56 100

55 70.2 57.8 86.8



#14

Allyl chloride

Concen: 58.085 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

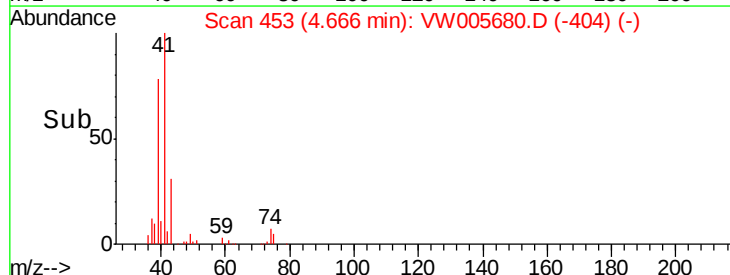
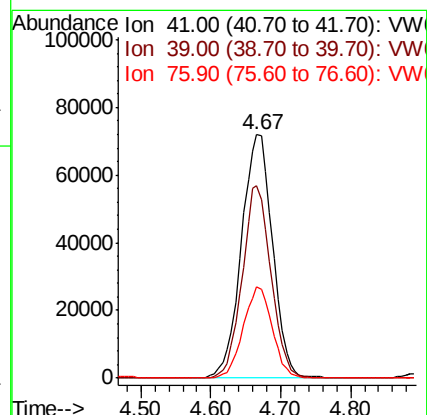
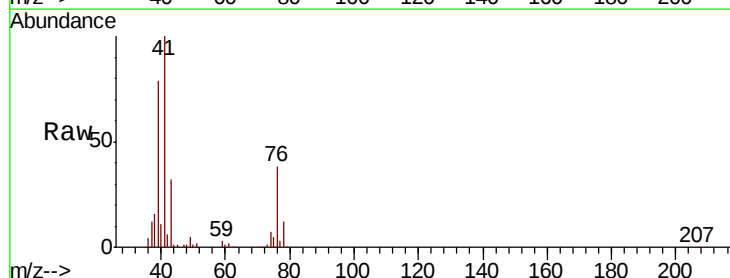
Tgt Ion: 41 Resp: 222416

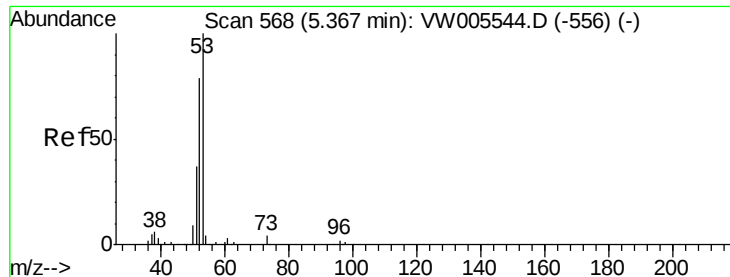
Ion Ratio Lower Upper

41 100

39 73.2 59.6 89.4

76 34.9 27.7 41.5





#15

Acrylonitrile

Concen: 298.813 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

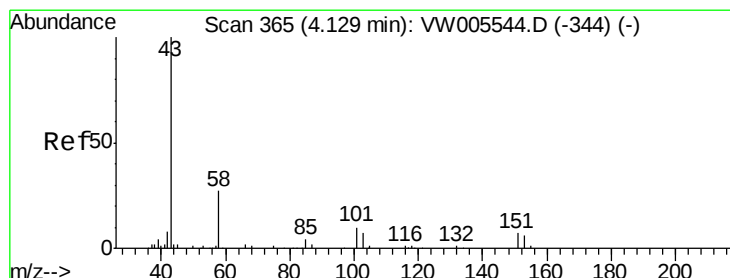
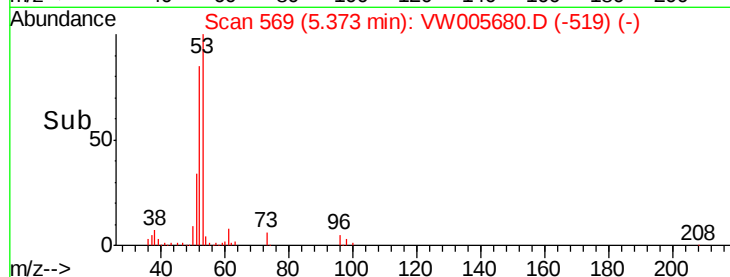
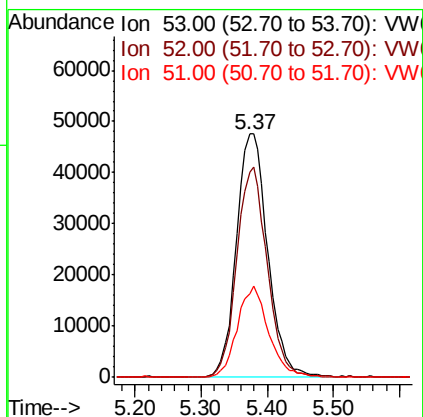
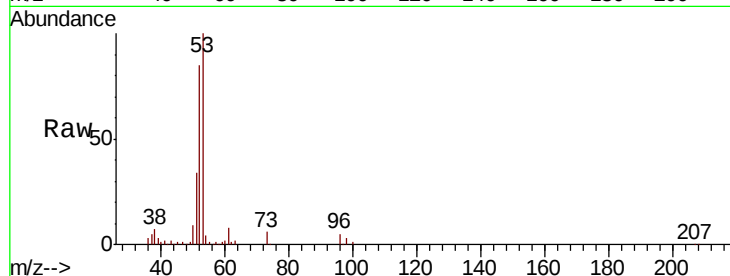
Tgt Ion: 53 Resp: 156906

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 37.5 30.6 46.0



#16

Acetone

Concen: 288.755 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005680.D

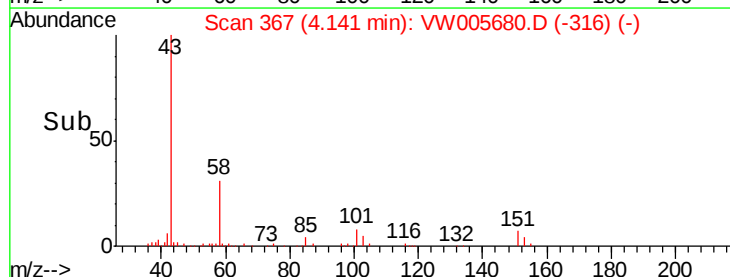
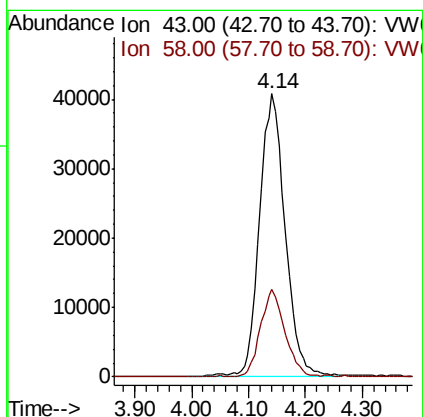
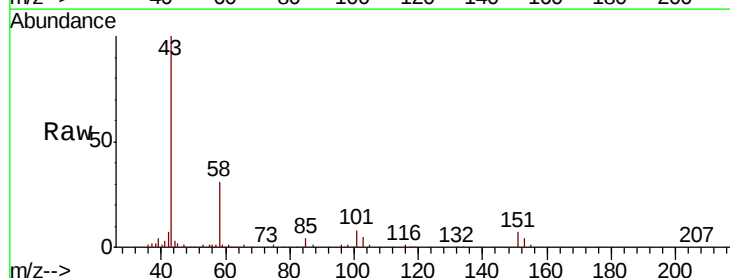
Acq: 27 Sep 2018 04:02

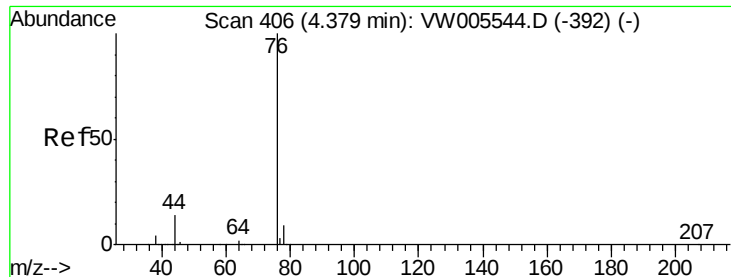
Tgt Ion: 43 Resp: 128182

Ion Ratio Lower Upper

43 100

58 30.9 21.8 32.8





#17

Carbon Disulfide

Concen: 60.844 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

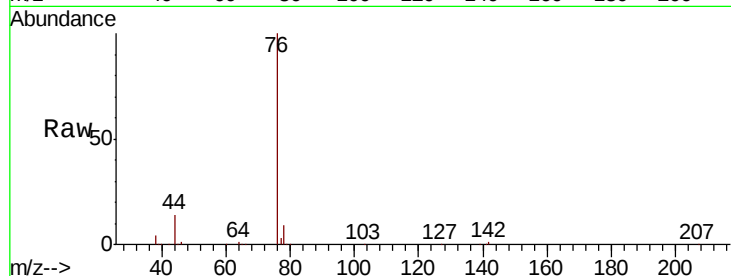
BFB

Tgt Ion: 76 Resp: 417107

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

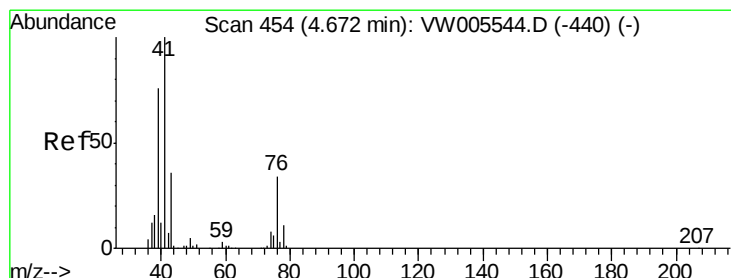
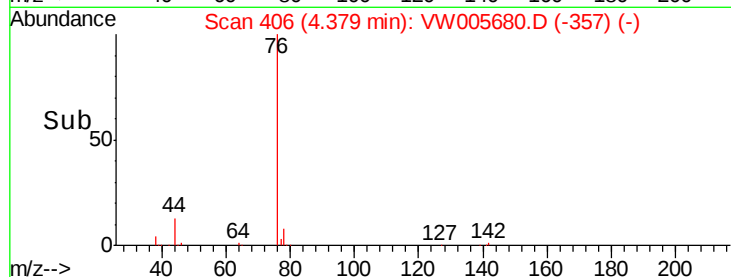
150000

100000

50000

0

Time--> 4.20 4.30 4.40 4.50



#18

Methyl Acetate

Concen: 57.799 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW005680.D

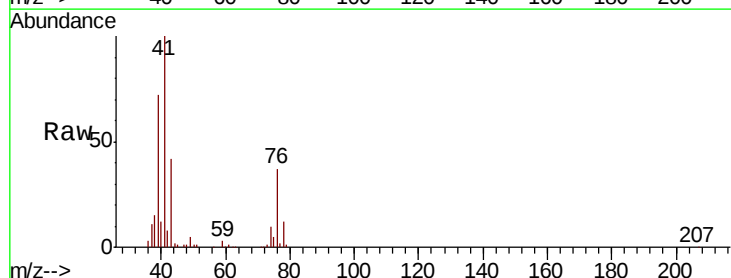
Acq: 27 Sep 2018 04:02

Tgt Ion: 43 Resp: 77748

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

30000

25000

20000

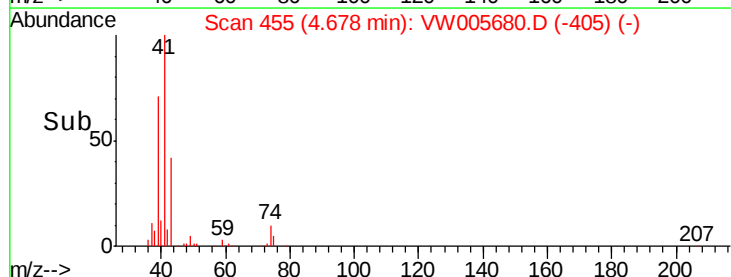
15000

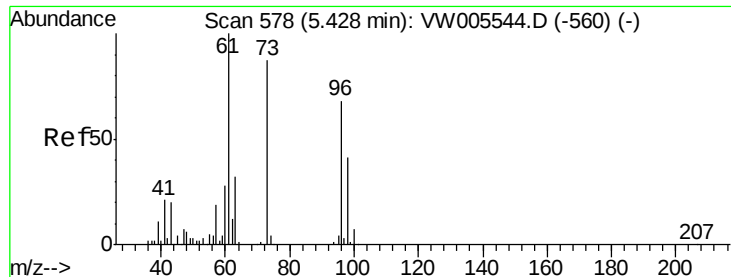
10000

5000

0

Time--> 4.60 4.70 4.80





#19

Methyl tert-butyl Ether

Concen: 59.847 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

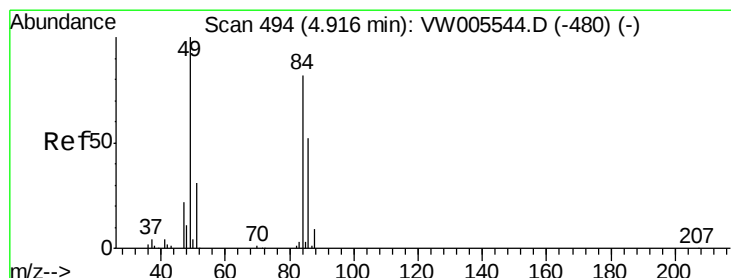
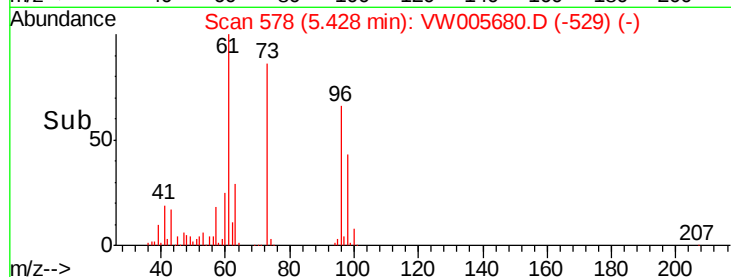
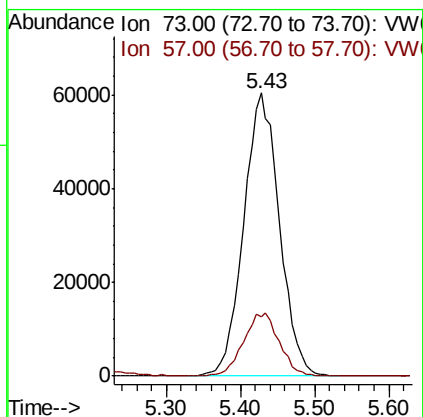
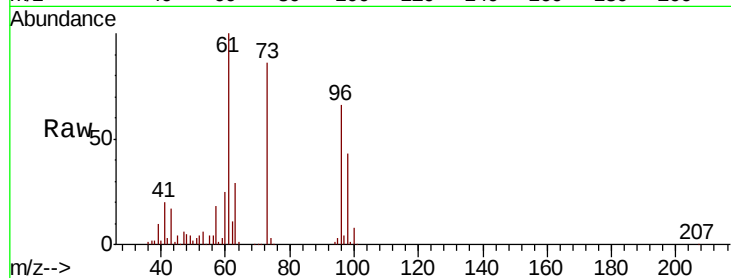
BFB

Tgt Ion: 73 Resp: 202678

Ion Ratio Lower Upper

73 100

57 20.9 17.6 26.4



#20

Methylene Chloride

Concen: 67.120 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion: 84 Resp: 156110

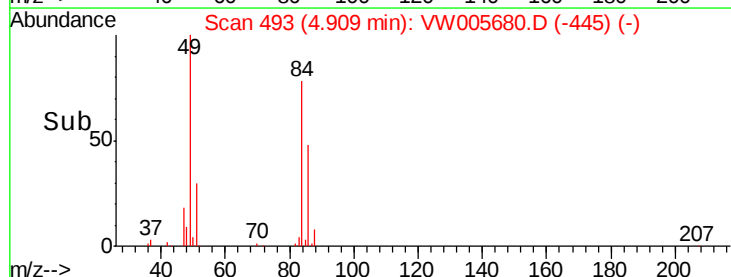
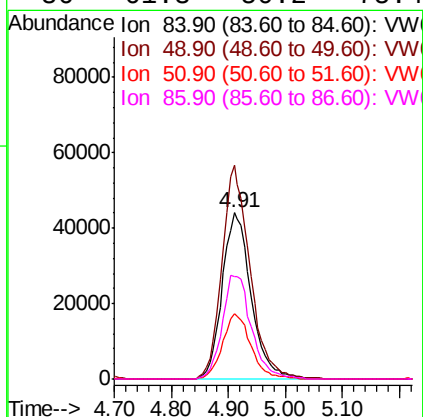
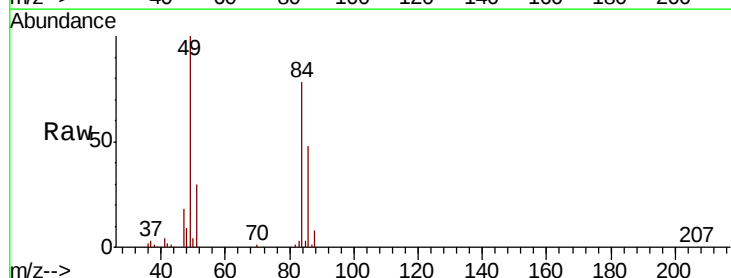
Ion Ratio Lower Upper

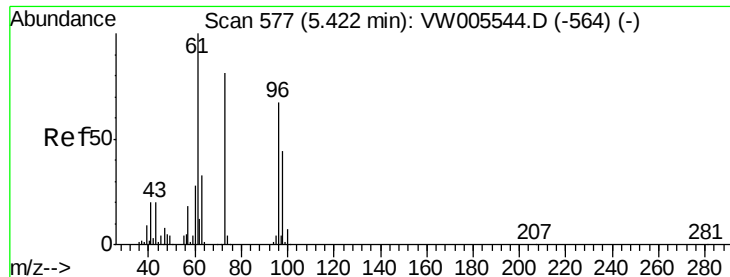
84 100

49 128.7 97.0 145.6

51 39.1 30.2 45.2

86 61.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 59.451 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

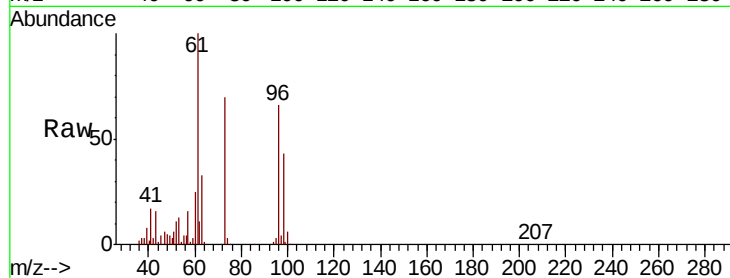
Tgt Ion: 96 Resp: 142870

Ion Ratio Lower Upper

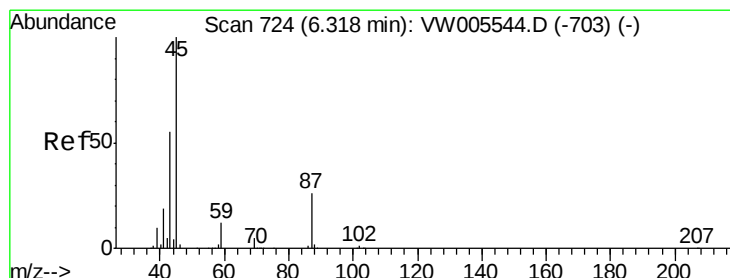
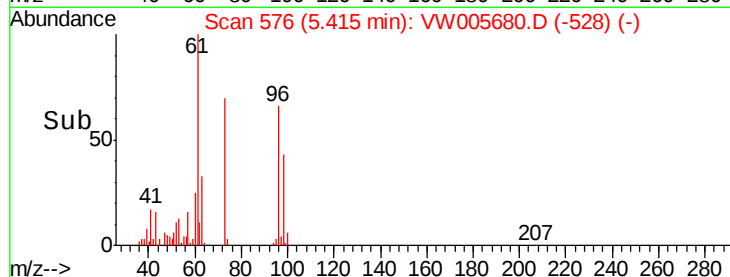
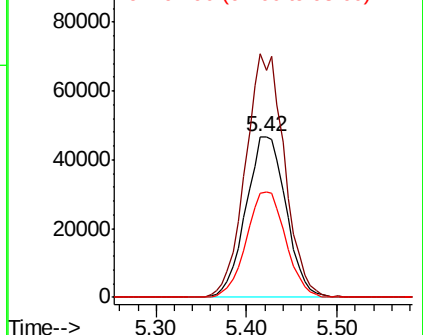
96 100

61 151.4 118.9 178.3

98 64.8 52.1 78.1



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: 55.771 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion: 45 Resp: 414561

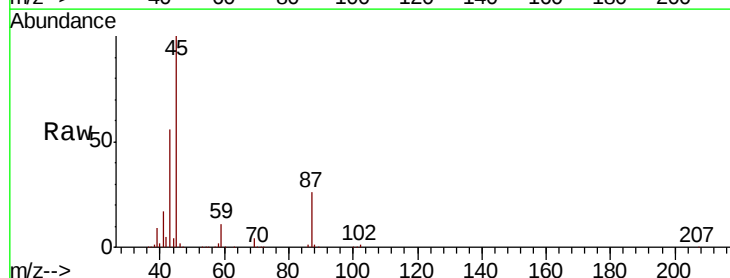
Ion Ratio Lower Upper

45 100

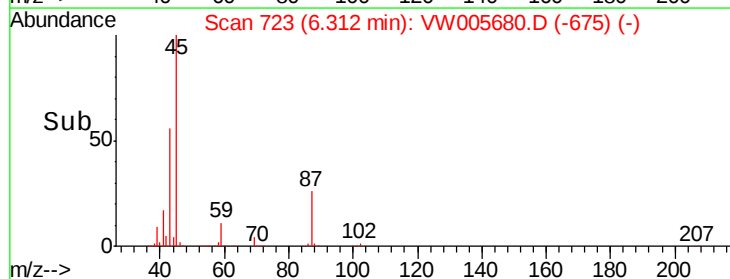
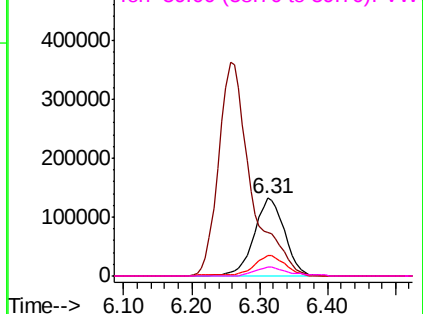
43 56.0 44.2 66.4

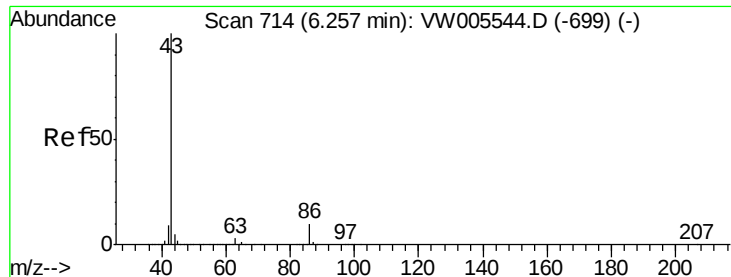
87 25.6 21.4 32.2

59 10.7 9.3 13.9



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: 282.247 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

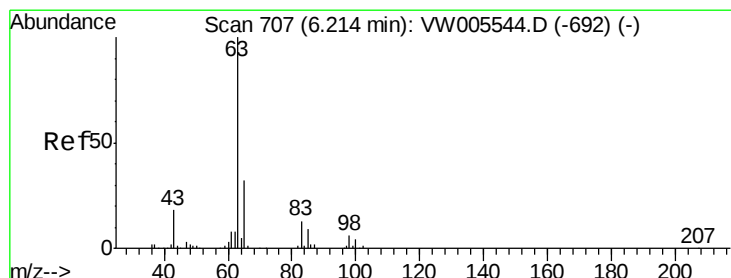
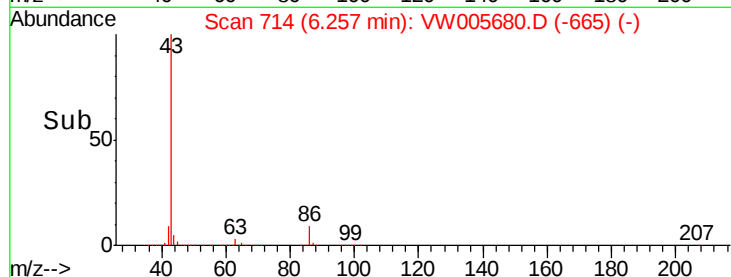
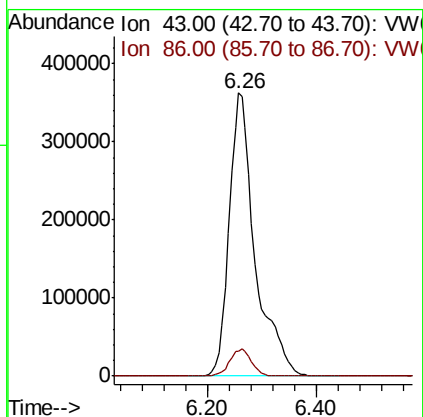
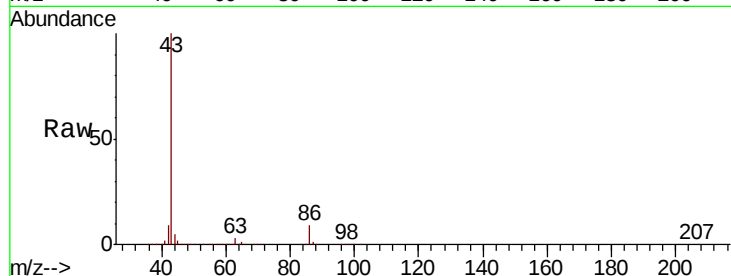
BFB

Tgt Ion: 43 Resp: 1199171

Ion Ratio Lower Upper

43 100

86 8.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 53.841 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

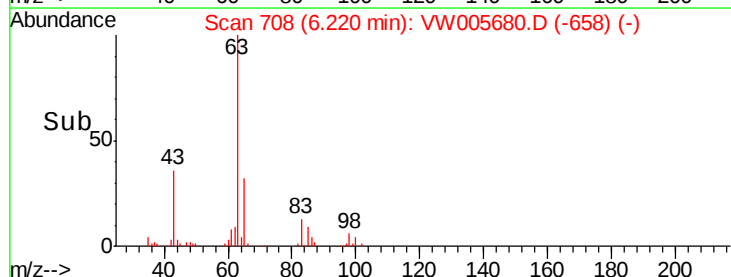
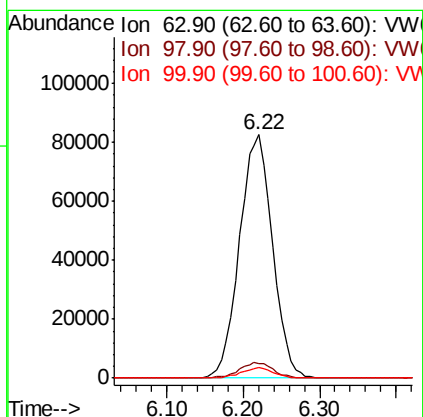
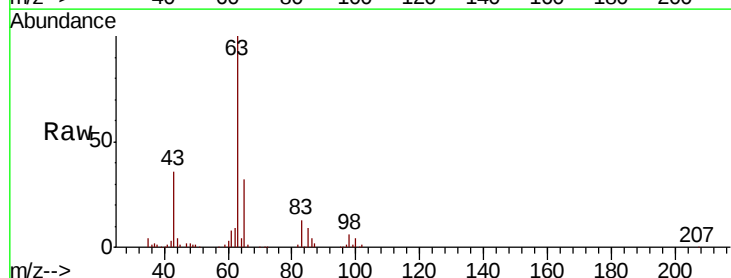
Tgt Ion: 63 Resp: 247268

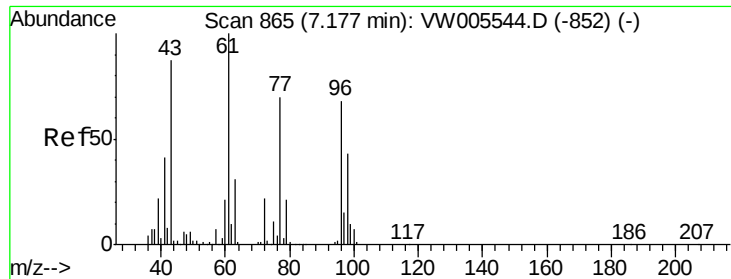
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 269.797 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

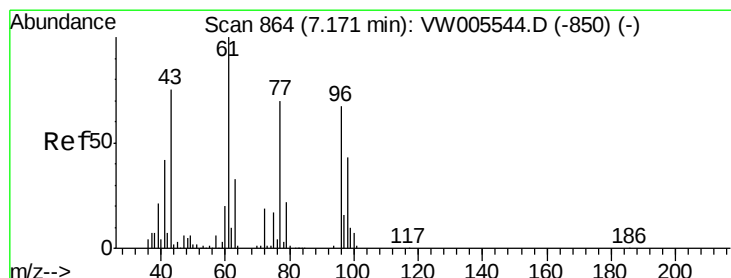
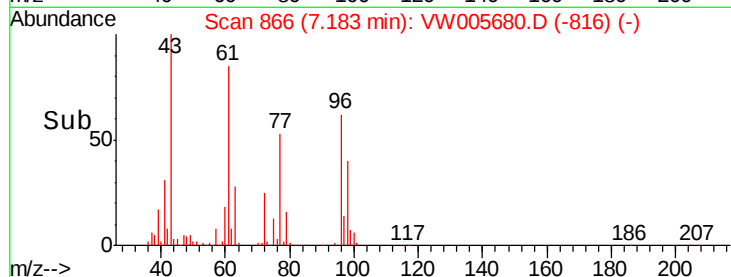
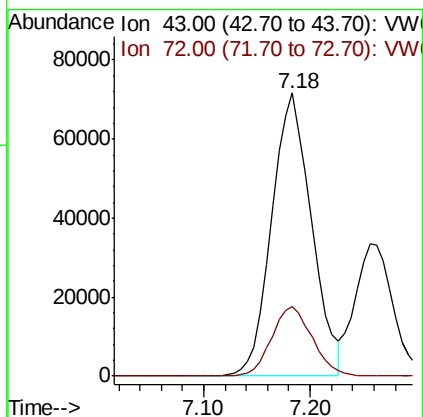
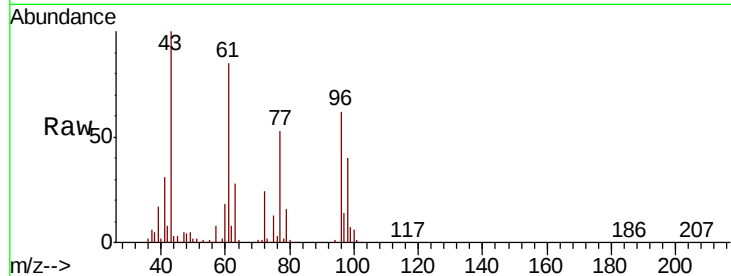
BFB

Tgt Ion: 43 Resp: 185974

Ion Ratio Lower Upper

43 100

72 24.5 19.9 29.9



#26

2,2-Dichloropropane

Concen: 45.283 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005680.D

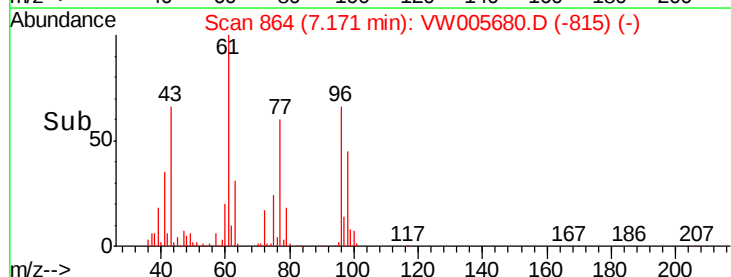
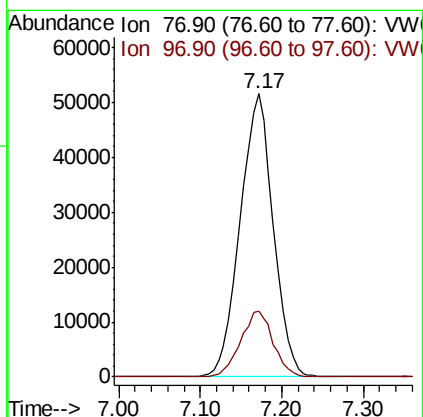
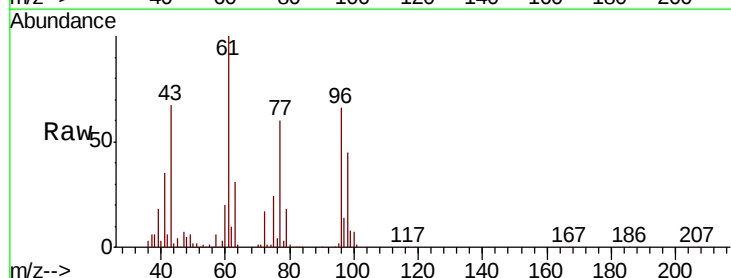
Acq: 27 Sep 2018 04:02

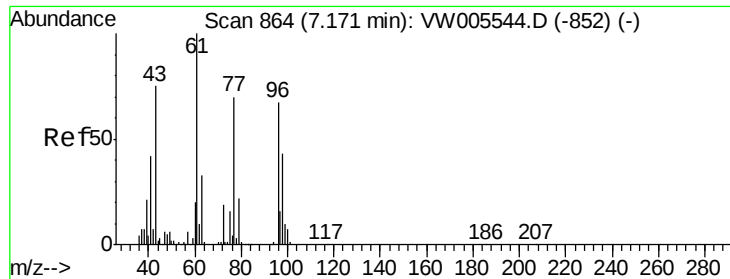
Tgt Ion: 77 Resp: 145187

Ion Ratio Lower Upper

77 100

97 22.9 11.0 33.0



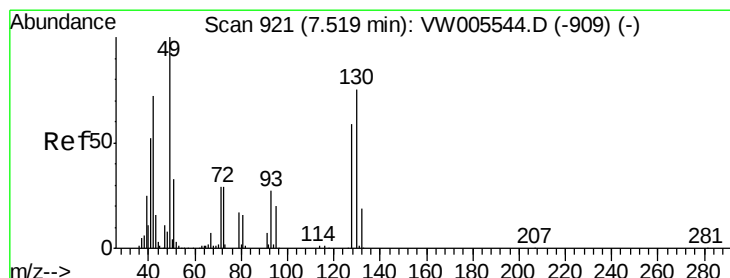
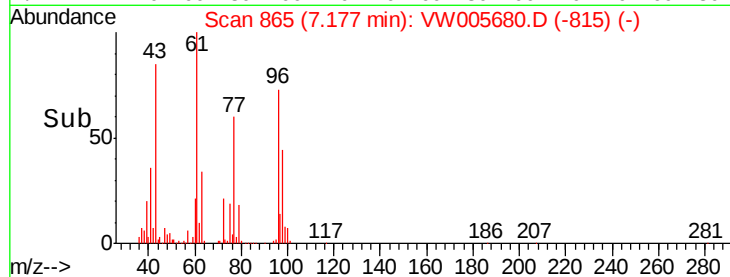
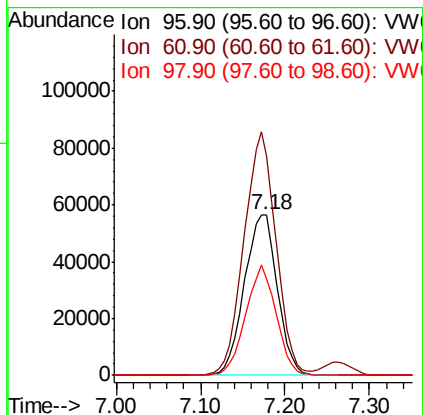
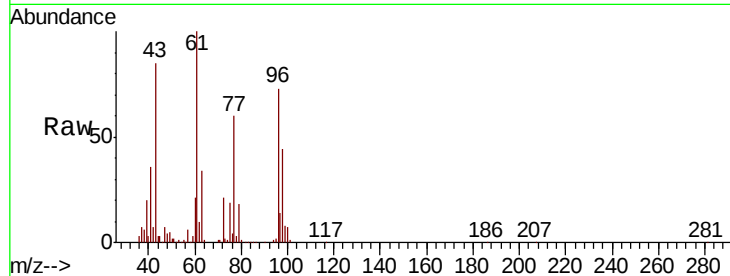


#27

cis-1,2-Dichloroethene
Concen: 56.822 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampled :
BFB

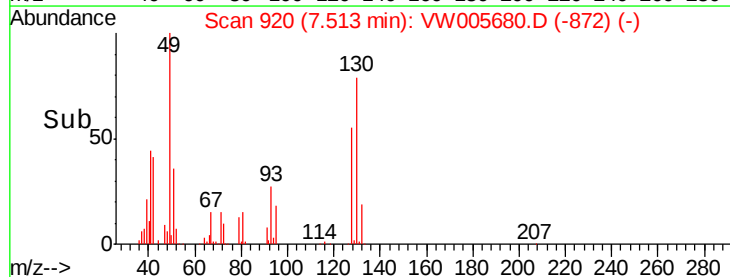
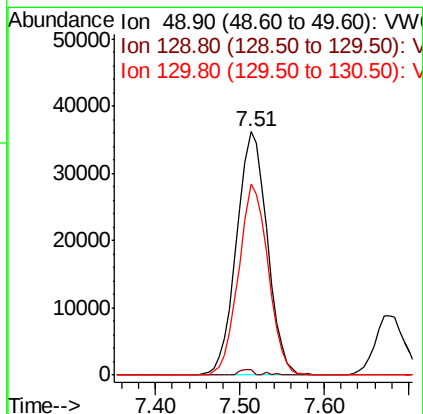
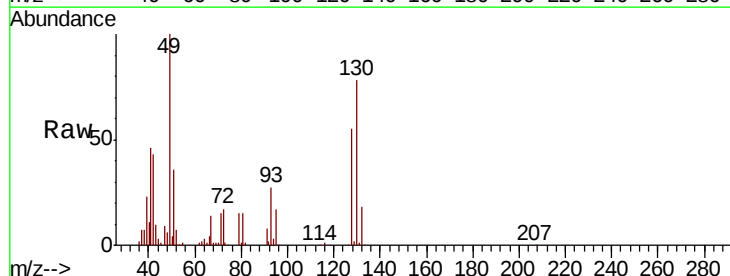
Tgt Ion: 96 Resp: 150613
Ion Ratio Lower Upper
96 100
61 146.7 0.0 303.4
98 63.4 0.0 127.2

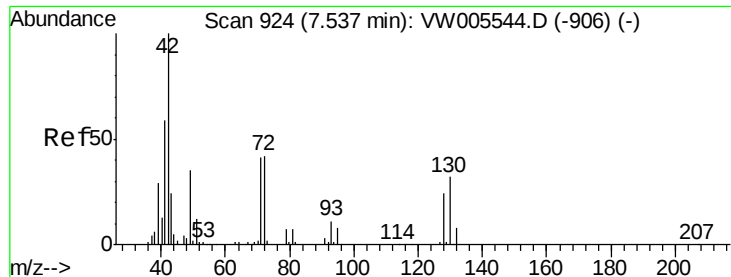


#28

Bromochloromethane
Concen: 49.046 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 49 Resp: 89223
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.4
130 75.6 61.3 91.9

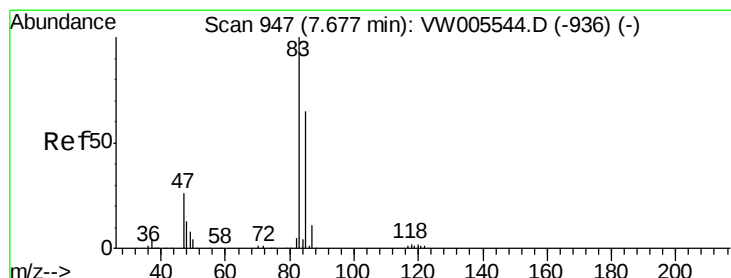
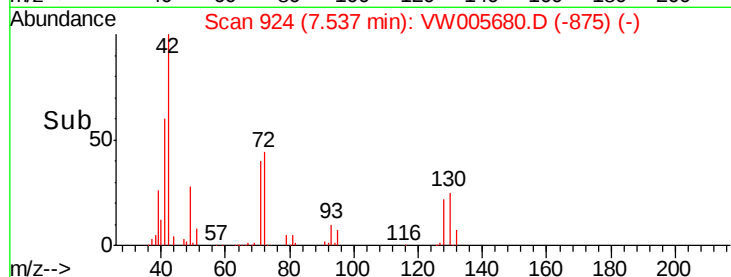
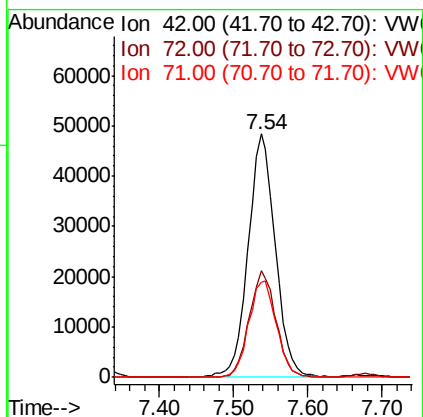
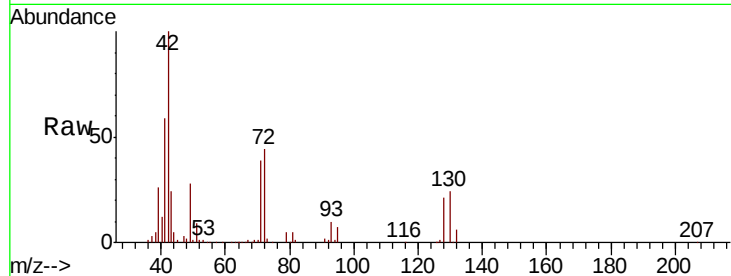




#29
Tetrahydrofuran
Concen: 286.216 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

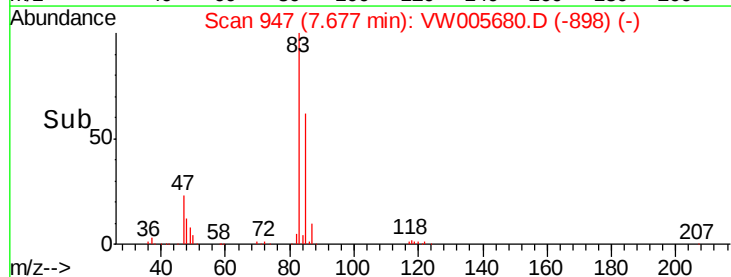
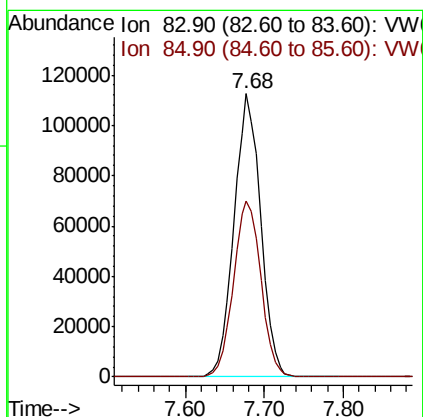
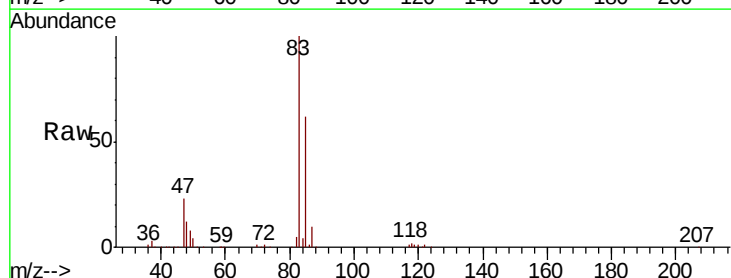
Instrument :
MSVOA_W
ClientSampleId :
BFB

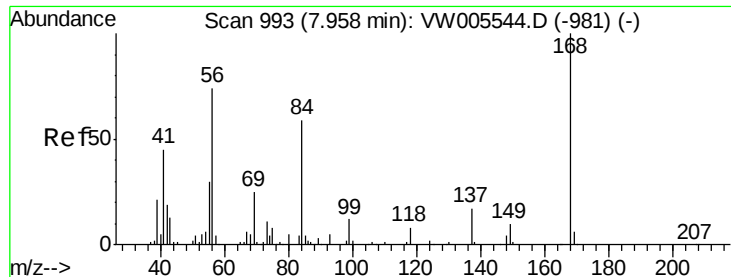
Tgt Ion: 42 Resp: 123255
Ion Ratio Lower Upper
42 100
72 43.2 33.6 50.4
71 40.6 31.8 47.6



#30
Chloroform
Concen: 55.704 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 83 Resp: 264114
Ion Ratio Lower Upper
83 100
85 61.9 51.8 77.6

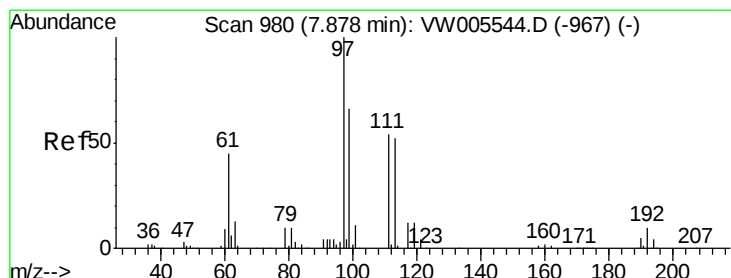
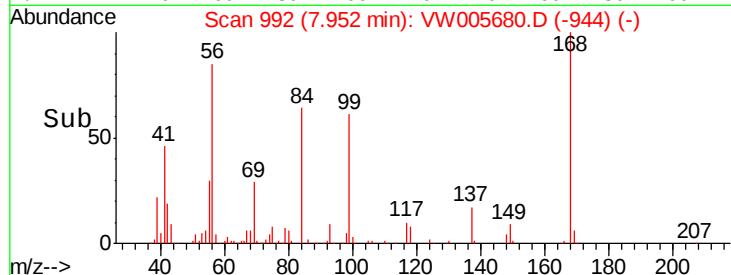
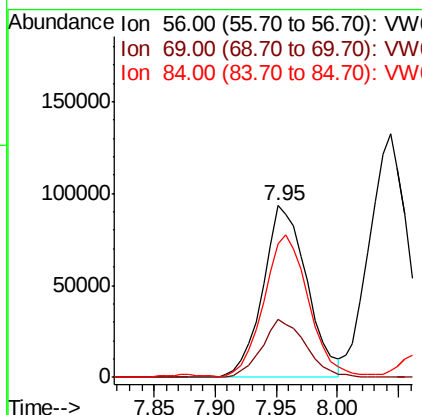
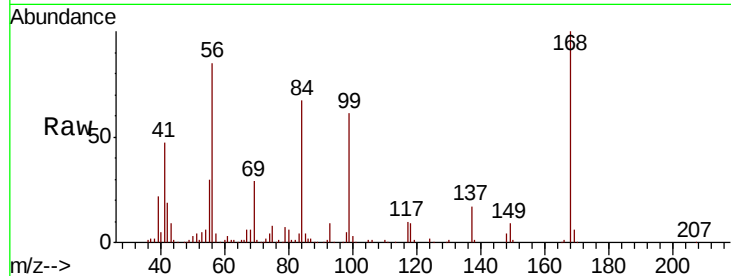




#31
Cyclohexane
Concen: 53.321 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

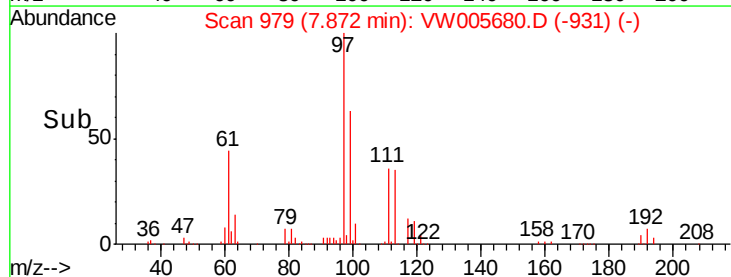
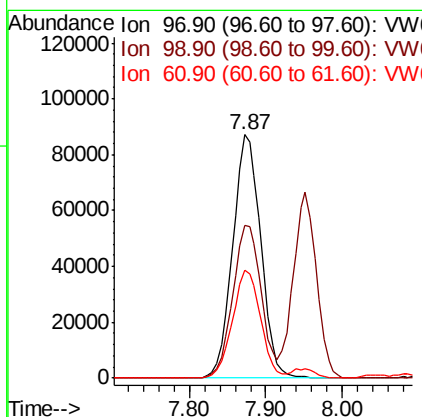
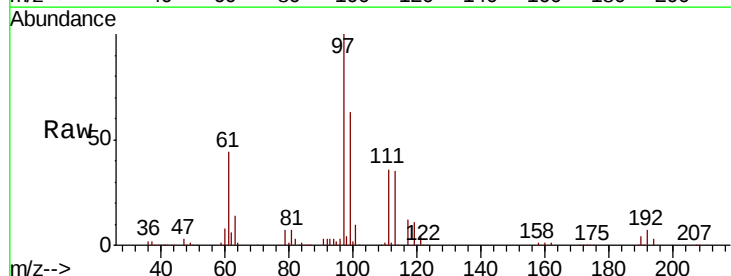
Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 56 Resp: 234613
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 76.6 64.2 96.4



#32
1,1,1-Trichloroethane
Concen: 52.615 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 97 Resp: 220379
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 44.1 36.2 54.2

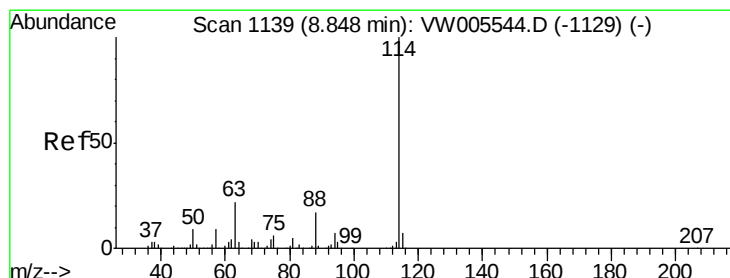
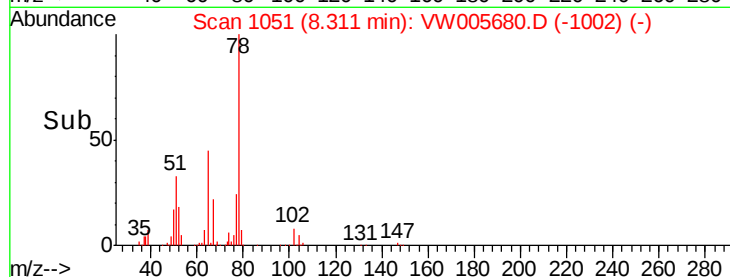
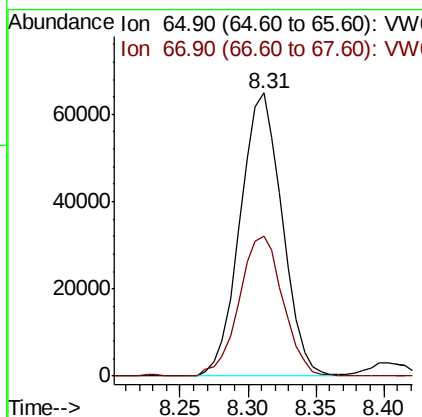
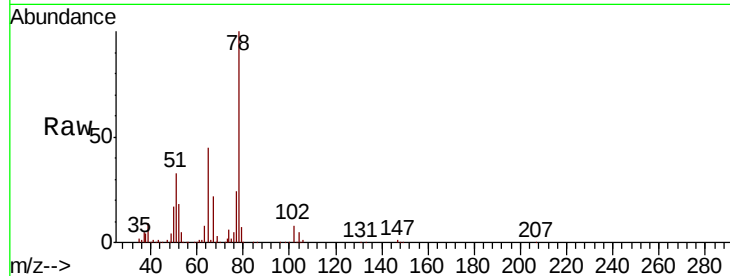




#33
 1,2-Dichloroethane-d4
 Concen: 49.451 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

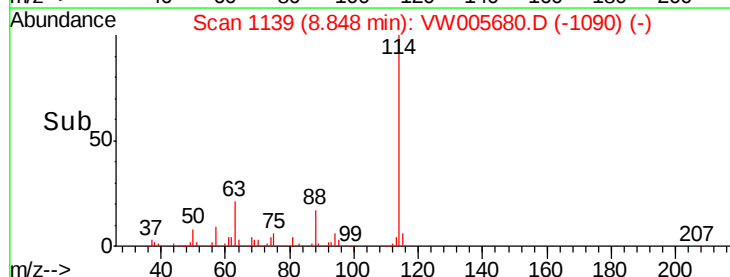
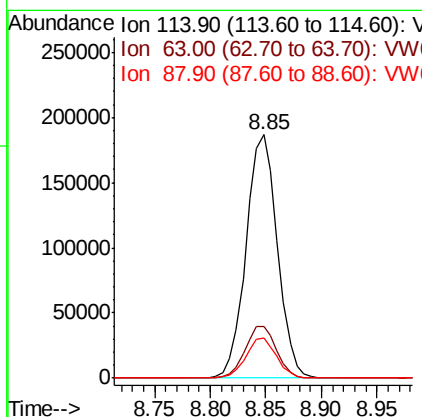
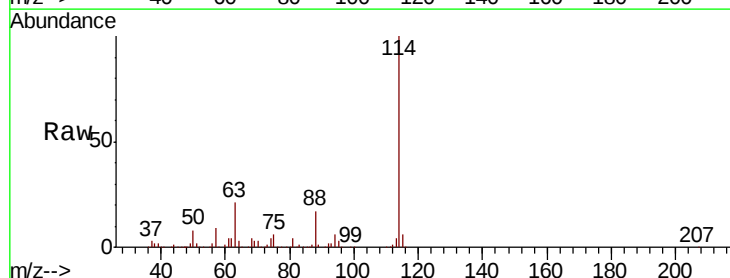
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

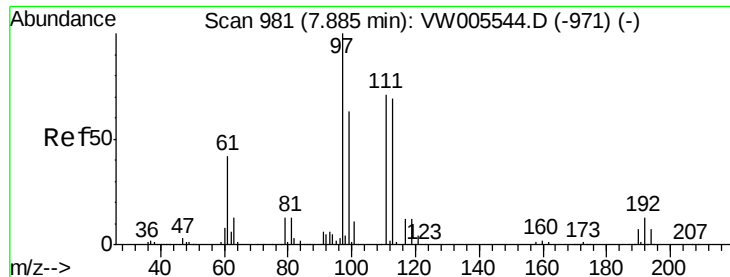
Tgt Ion: 65 Resp: 140347
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 114 Resp: 364873
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 16.7 0.0 33.0

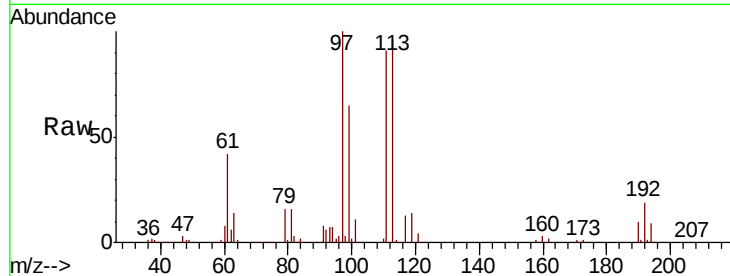




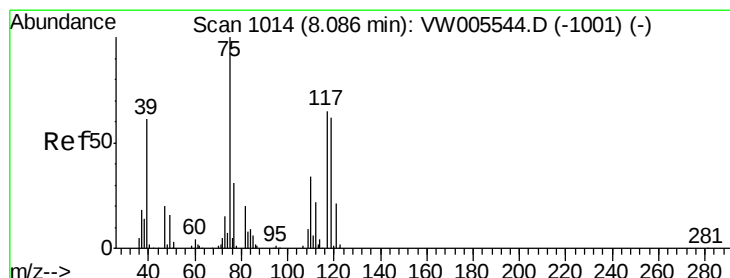
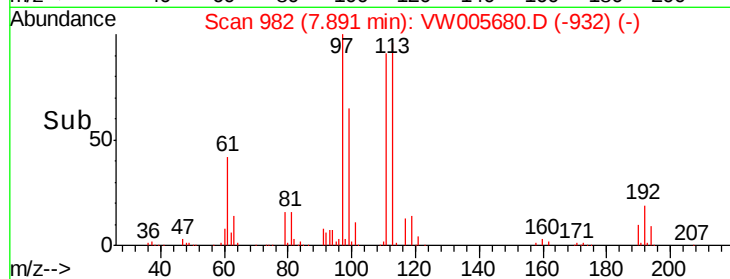
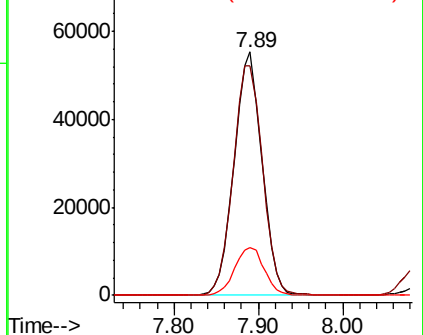
#35
 Dibromofluoromethane
 Concen: 53.720 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion:	113	Resp:	123263
Ion	Ratio	Lower	Upper
113	100		
111	99.8	82.6	123.8
192	20.7	17.0	25.4

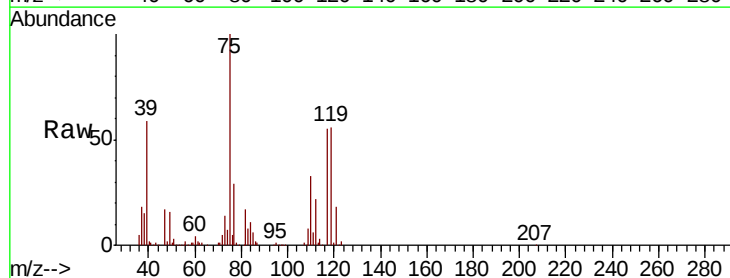


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

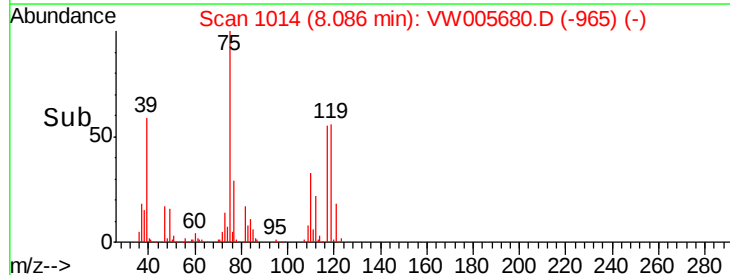
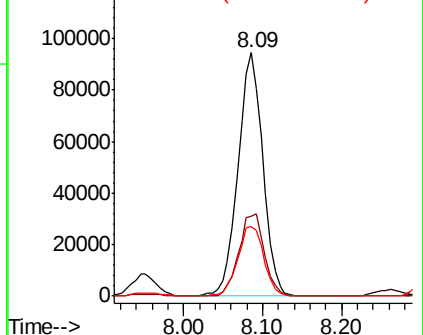


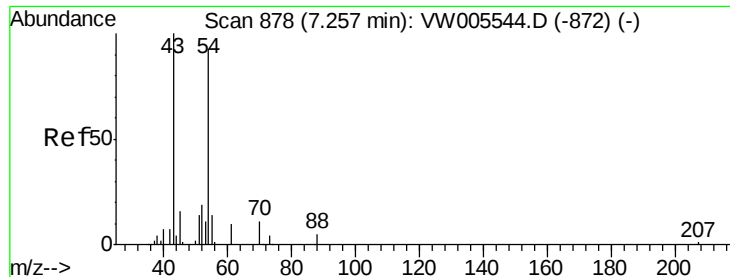
#36
 1,1-Dichloropropene
 Concen: 56.237 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:	75	Resp:	206561
Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.0	50.9
77	30.5	24.8	37.2



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

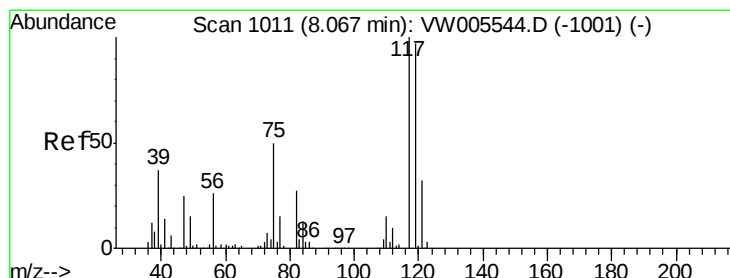
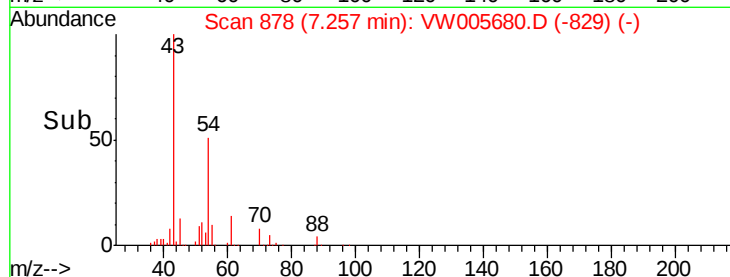
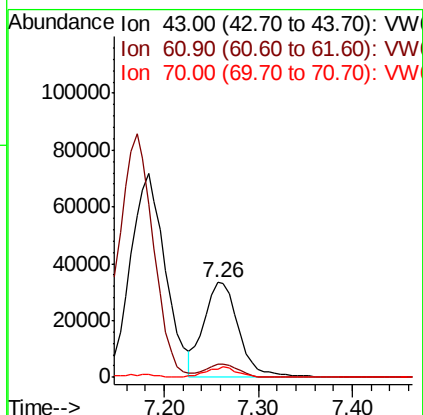
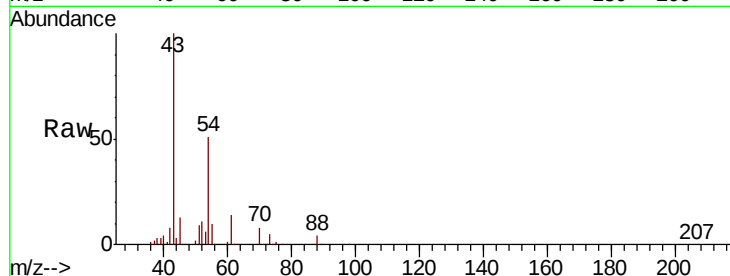




#37
Ethyl Acetate
Concen: 55.200 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

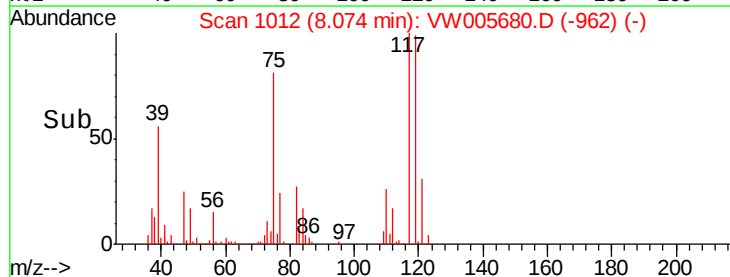
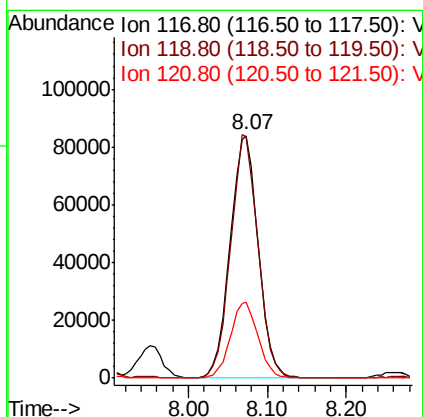
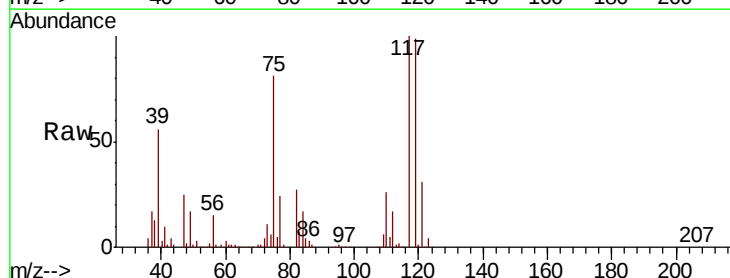
Instrument :
MSVOA_W
ClientSampled :
BFB

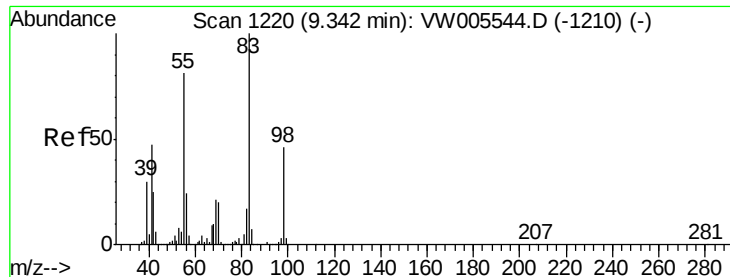
Tgt Ion: 43 Resp: 85322
Ion Ratio Lower Upper
43 100
61 13.8 10.4 15.6
70 9.9 8.2 12.2



#38
Carbon Tetrachloride
Concen: 52.677 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 117 Resp: 207335
Ion Ratio Lower Upper
117 100
119 99.2 77.6 116.4
121 31.1 25.7 38.5





#39

Methylcyclohexane

Concen: 56.821 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

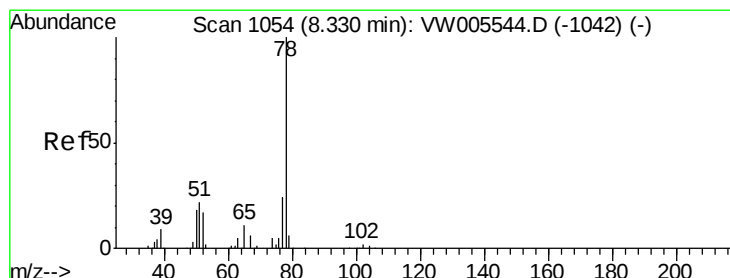
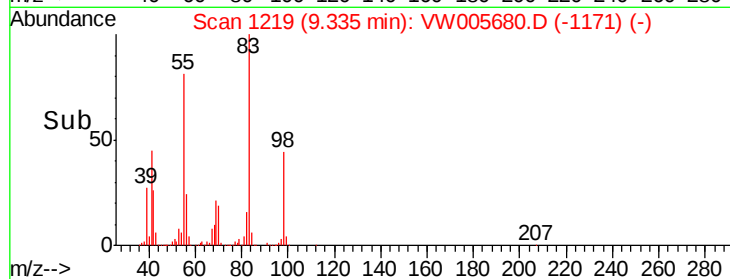
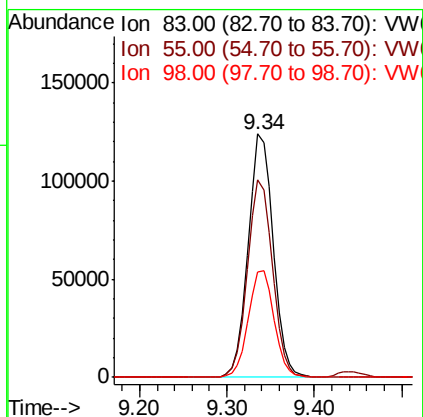
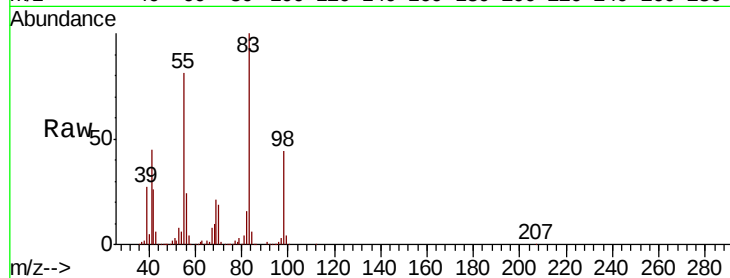
Tgt Ion: 83 Resp: 246234

Ion Ratio Lower Upper

83 100

55 81.2 64.6 97.0

98 43.5 37.0 55.6



#40

Benzene

Concen: 54.990 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VW005680.D

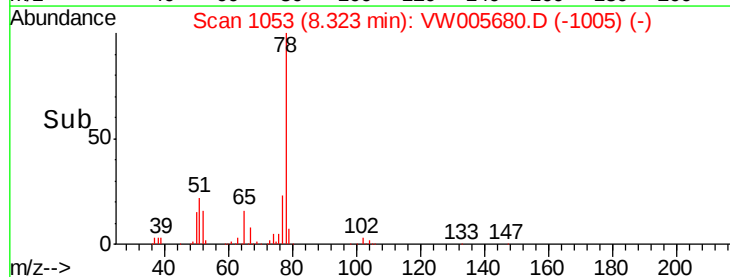
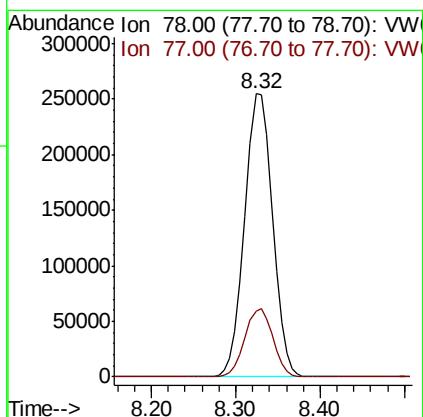
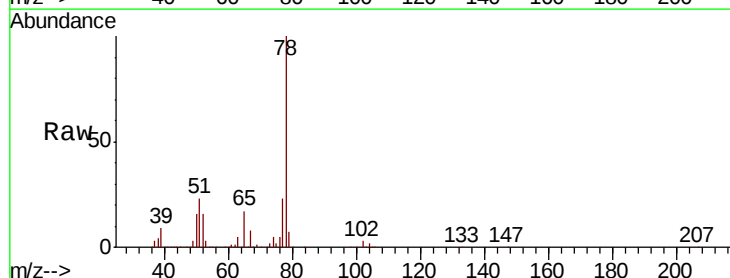
Acq: 27 Sep 2018 04:02

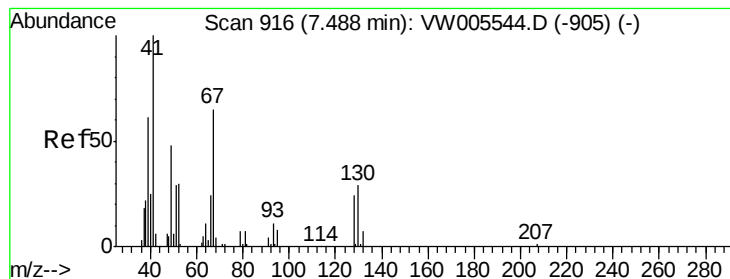
Tgt Ion: 78 Resp: 572286

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4





#41

Methacrylonitrile

Concen: 65.074 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

BFB

Tgt Ion: 41 Resp: 57238

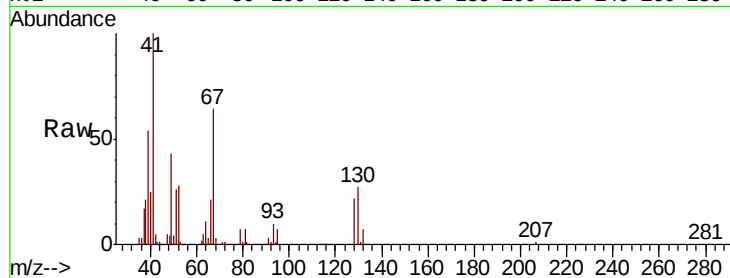
Ion Ratio Lower Upper

41 100

39 54.5 45.4 68.2

67 63.5 55.2 82.8

52 27.2 25.3 37.9

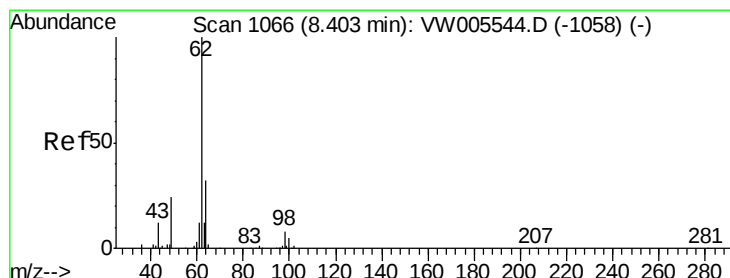
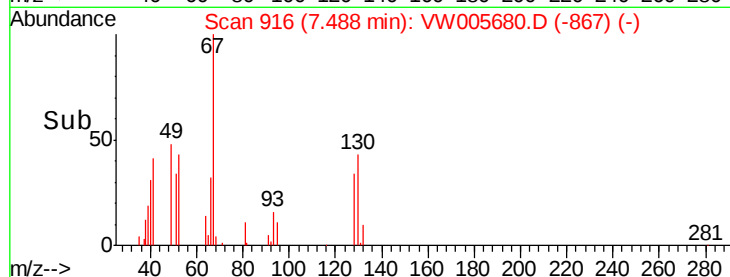
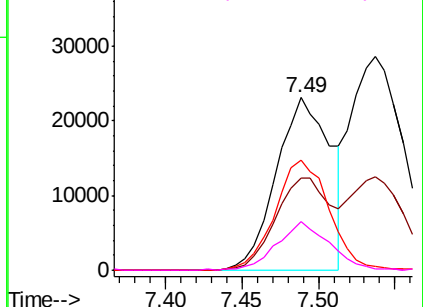


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 54.066 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW005680.D

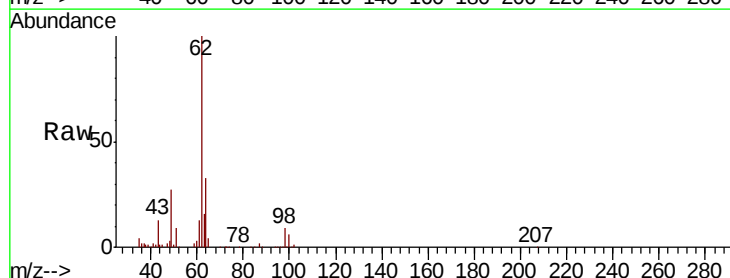
Acq: 27 Sep 2018 04:02

Tgt Ion: 62 Resp: 180146

Ion Ratio Lower Upper

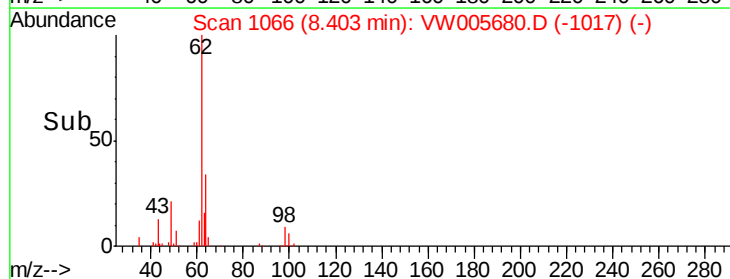
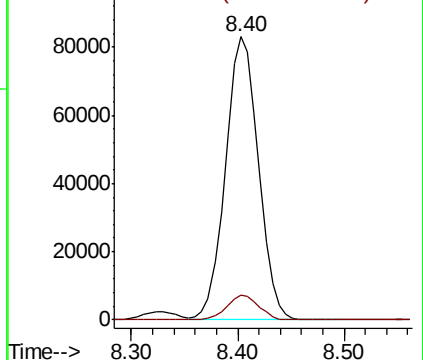
62 100

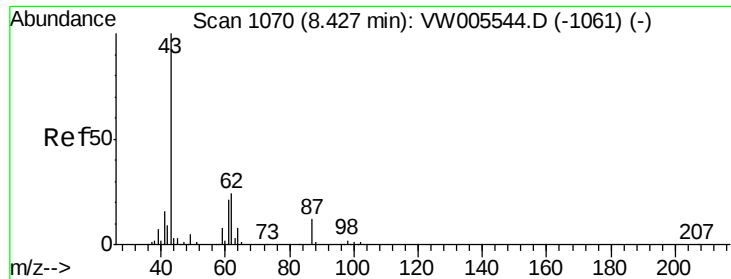
98 8.5 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

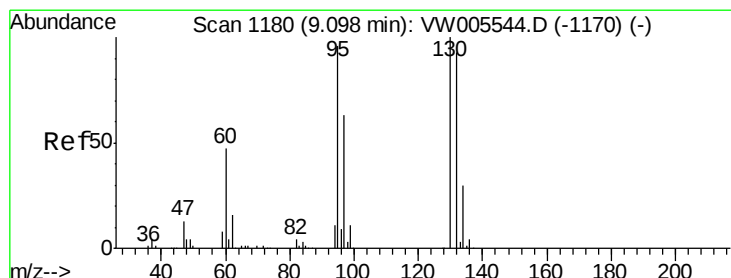
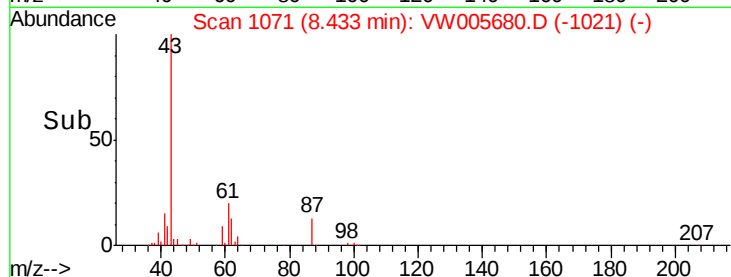
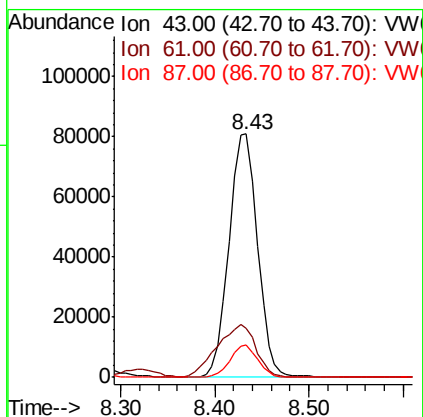
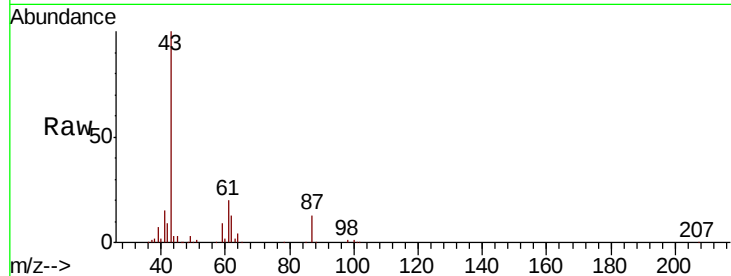




#43
Isopropyl Acetate
Concen: 55.994 ug/l
RT: 8.43 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

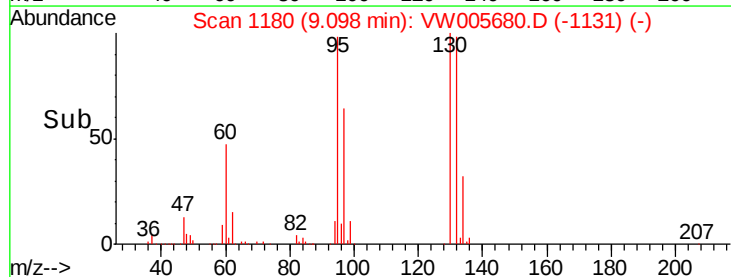
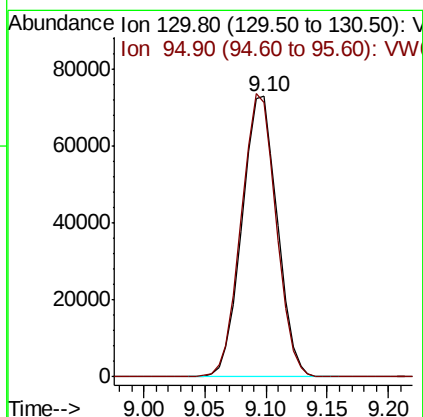
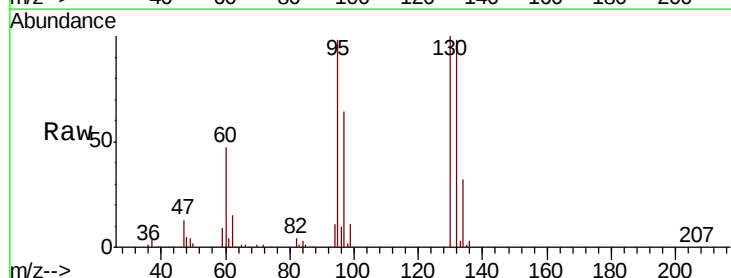
Instrument :
MSVOA_W
ClientSampleId :
BFB

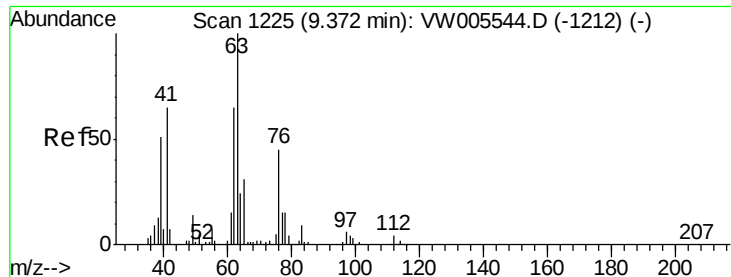
Tgt Ion: 43 Resp: 170168
Ion Ratio Lower Upper
43 100
61 29.4 24.1 36.1
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 54.926 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 130 Resp: 146314
Ion Ratio Lower Upper
130 100
95 97.7 0.0 191.2

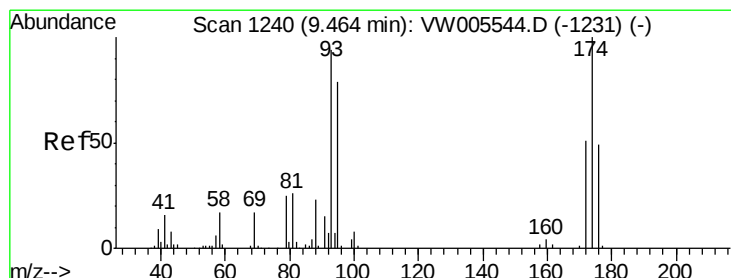
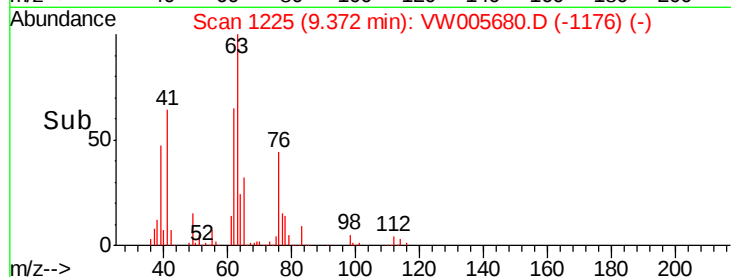
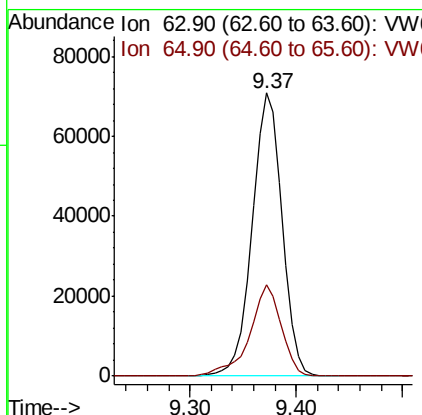
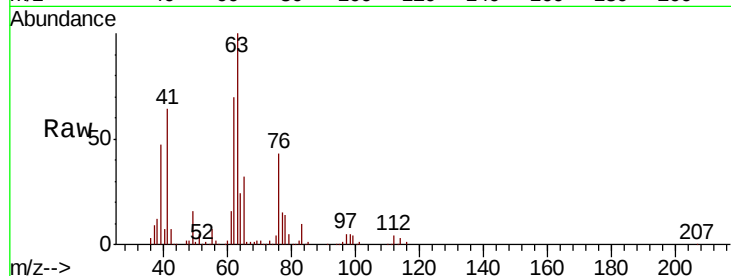




#45
 1,2-Dichloropropane
 Concen: 54.541 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

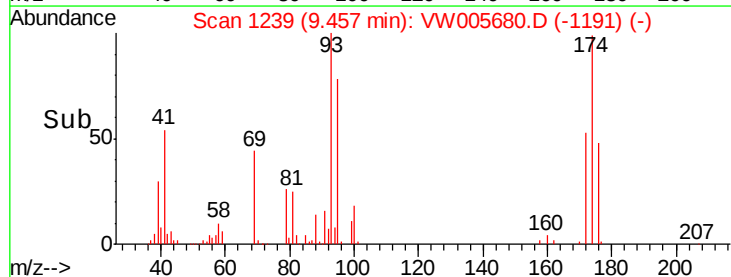
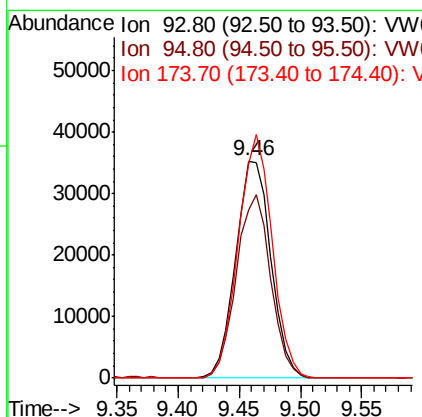
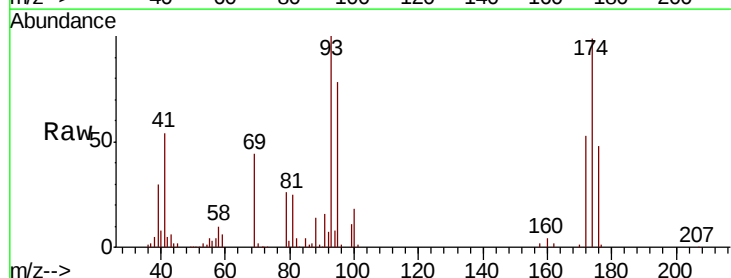
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

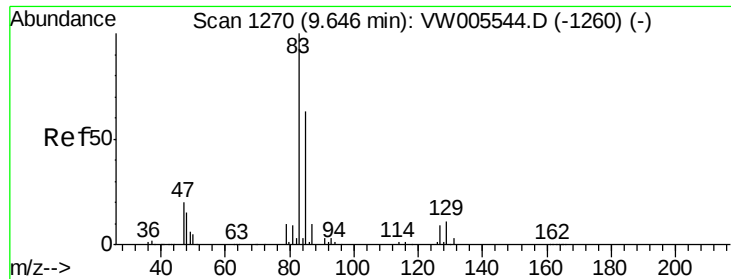
Tgt Ion: 63 Resp: 139643
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.7 37.1



#46
 Dibromomethane
 Concen: 55.188 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 93 Resp: 70600
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 108.0 84.0 126.0





#47

Bromodichloromethane

Concen: 53.443 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

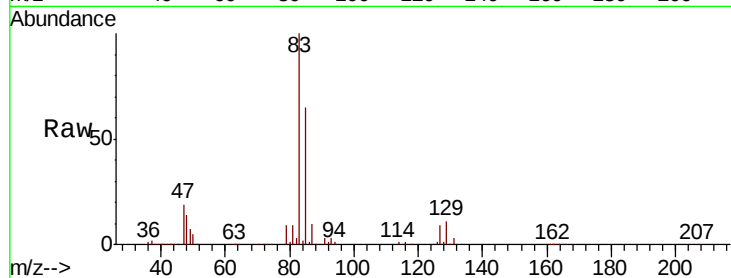
Tgt Ion: 83 Resp: 183656

Ion Ratio Lower Upper

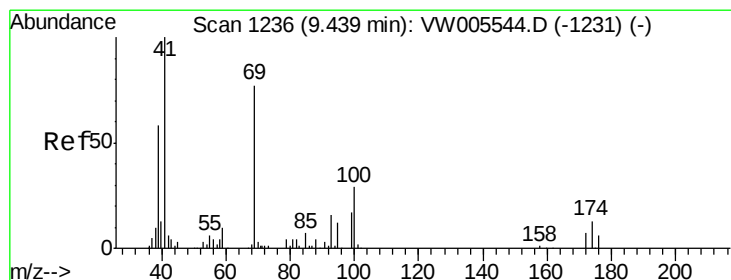
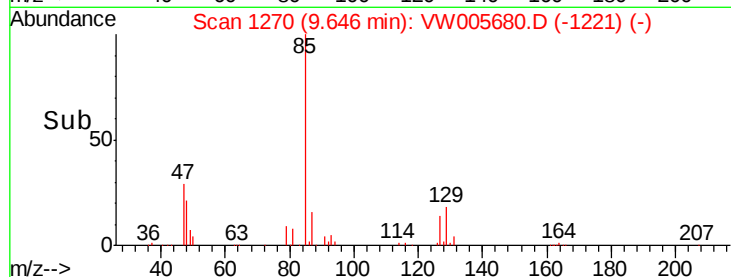
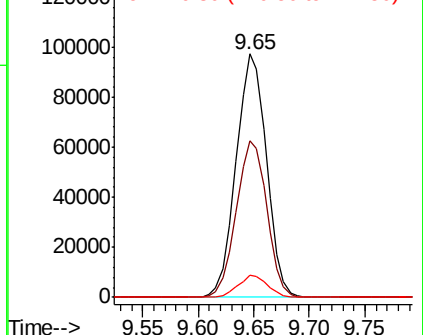
83 100

85 64.5 50.5 75.7

127 8.9 7.0 10.6



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: 57.734 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

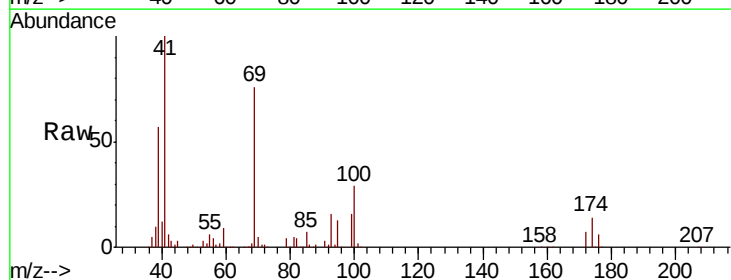
Tgt Ion: 41 Resp: 83335

Ion Ratio Lower Upper

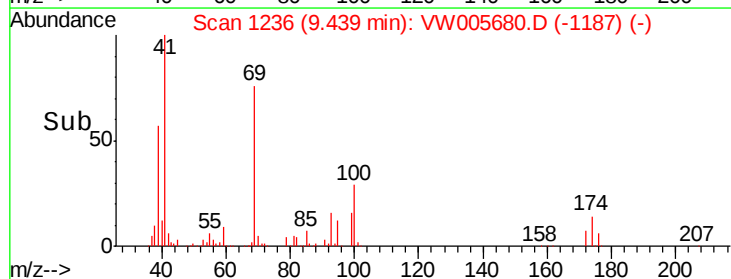
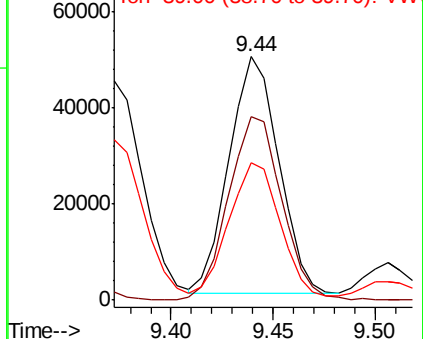
41 100

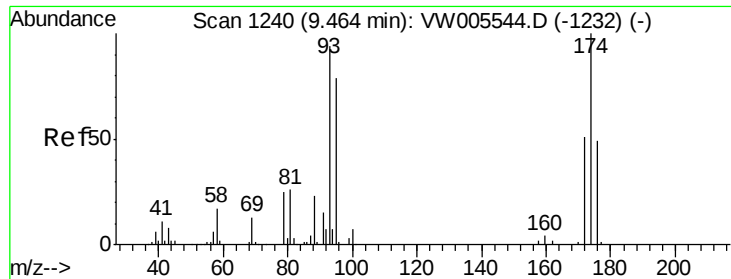
69 83.6 64.7 97.1

39 57.4 50.5 75.7



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

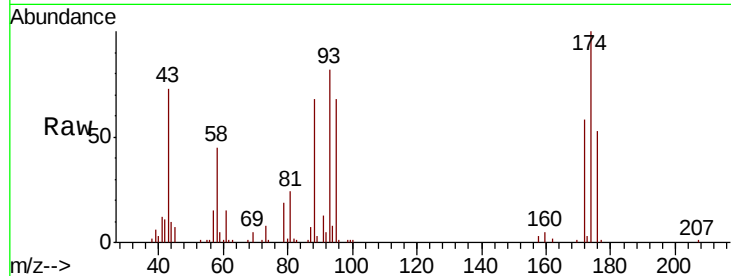




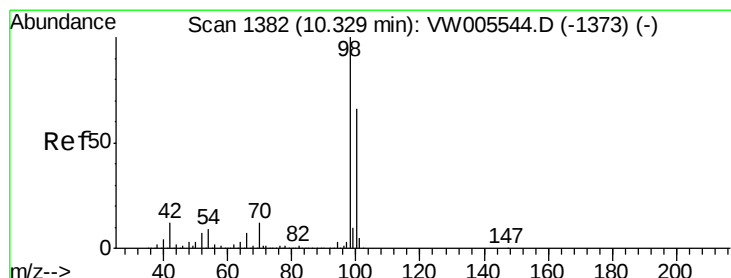
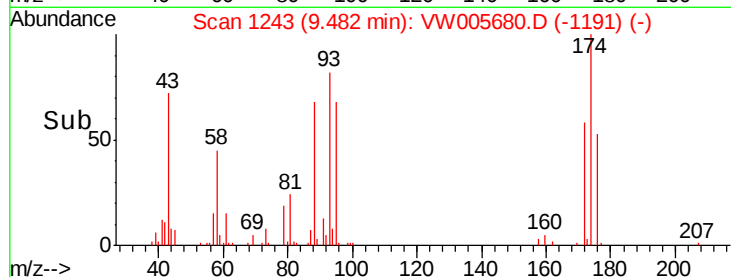
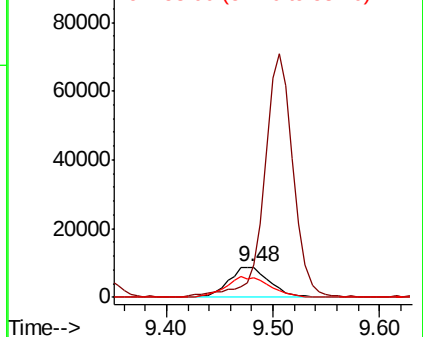
#49
1,4-Dioxane
Concen: 1175.441 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion: 88 Resp: 23907
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 74.0 61.2 91.8

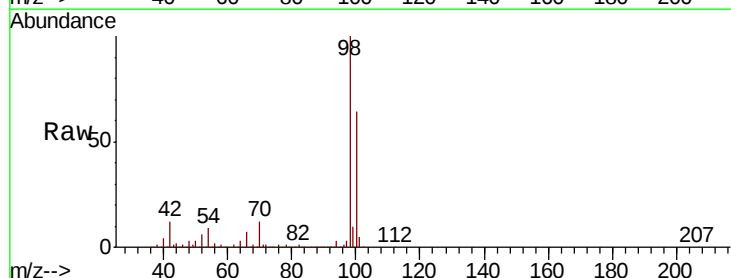


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

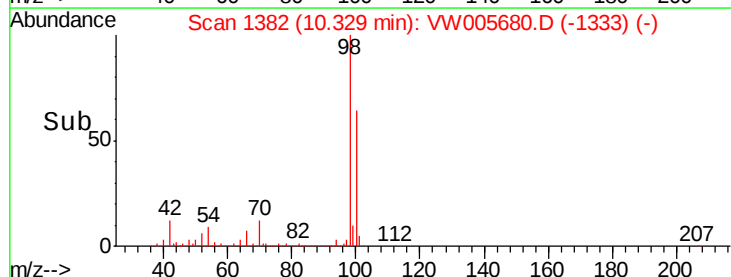
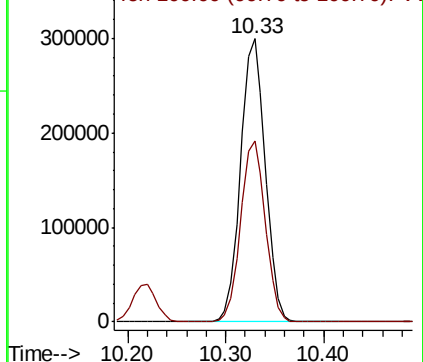


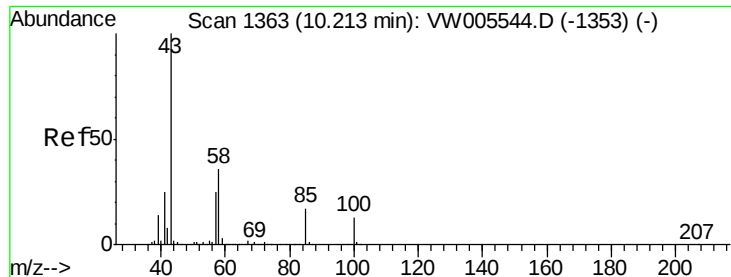
#50
Toluene-d8
Concen: 56.089 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 98 Resp: 524038
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

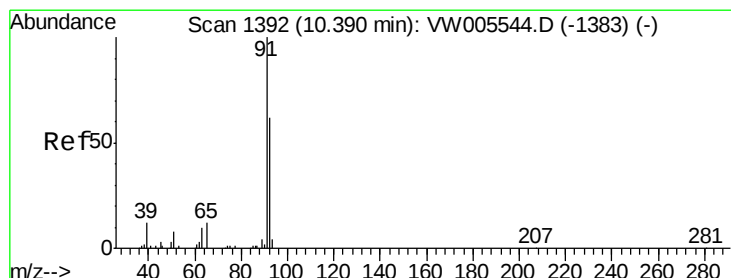
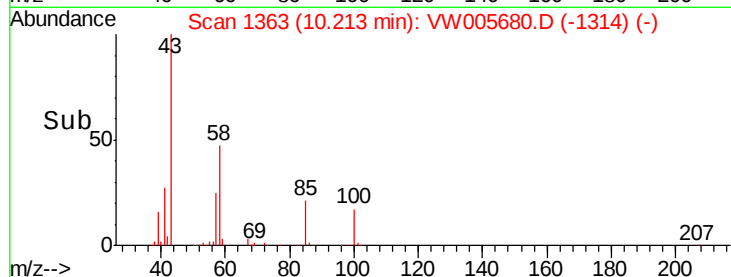
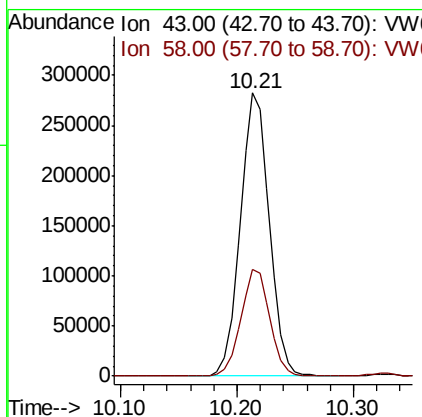
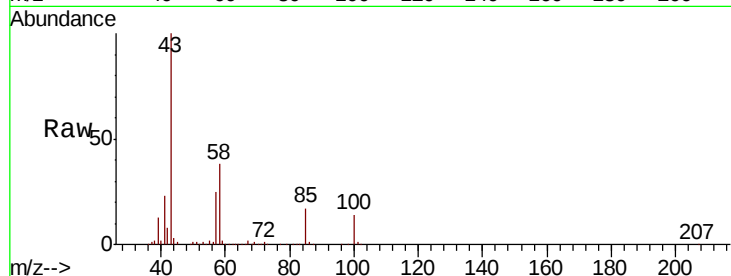




#51
 4-Methyl-2-Pentanone
 Concen: 319.243 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

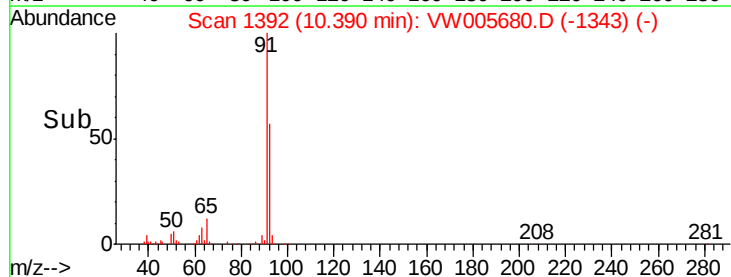
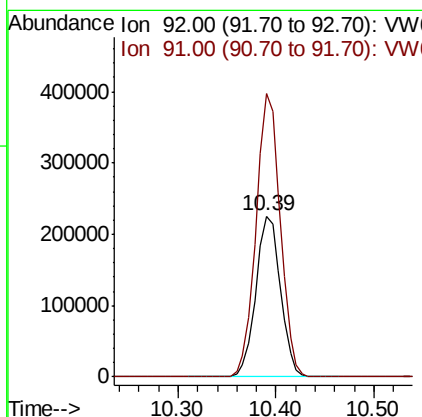
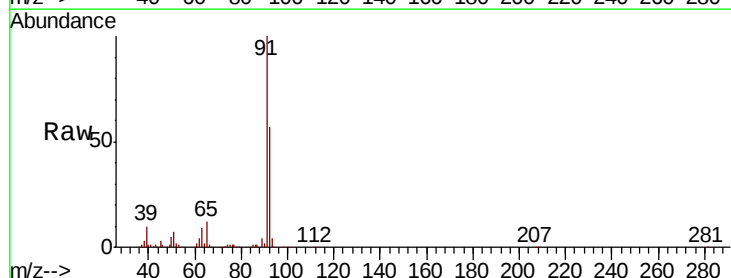
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

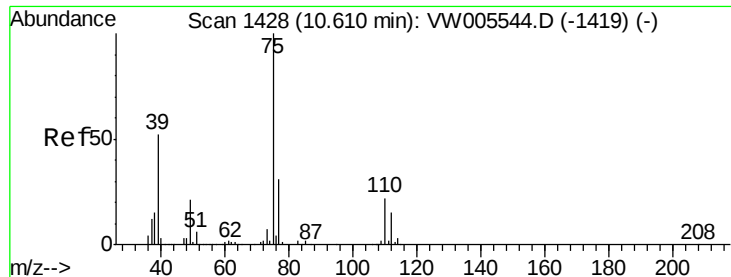
Tgt Ion: 43 Resp: 488642
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.0 45.0



#52
 Toluene
 Concen: 60.621 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 92 Resp: 393648
 Ion Ratio Lower Upper
 92 100
 91 173.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 58.443 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

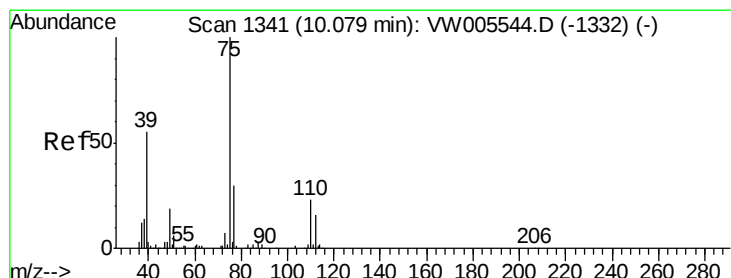
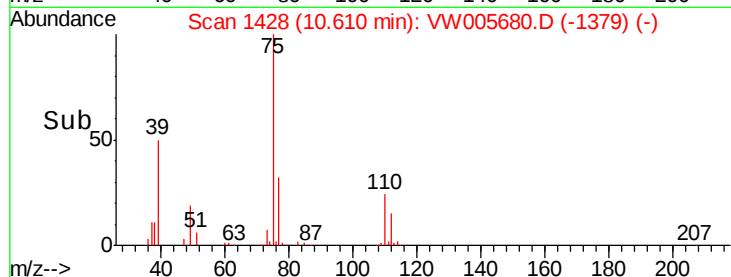
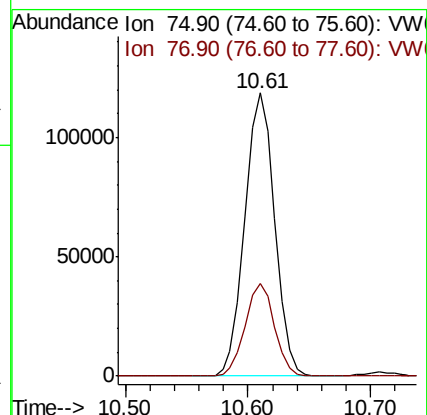
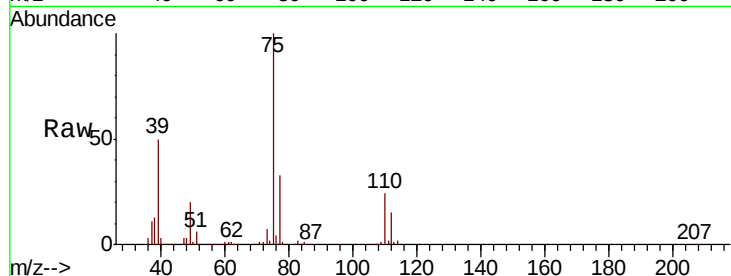
BFB

Tgt Ion: 75 Resp: 201336

Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 58.871 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

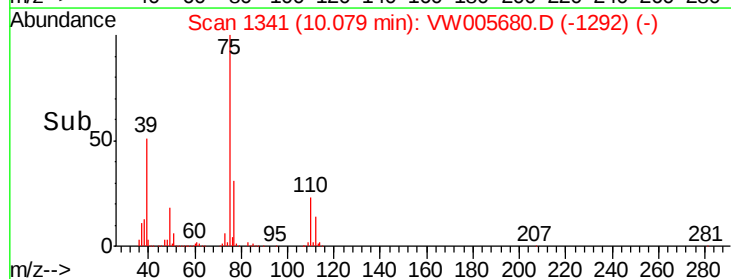
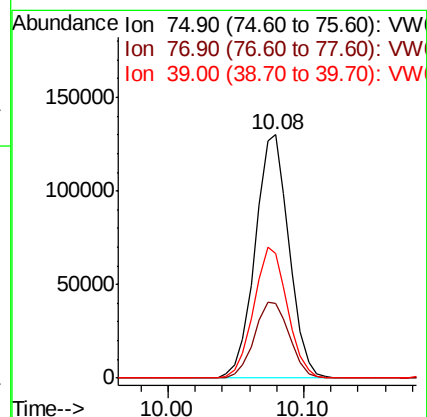
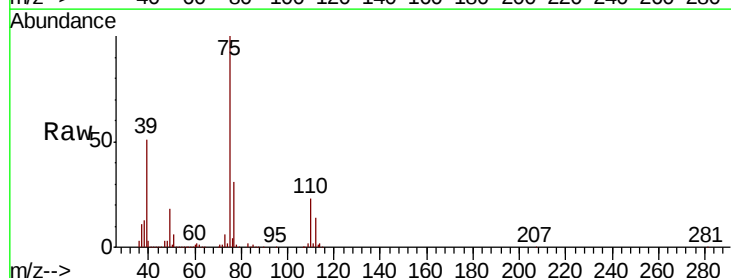
Tgt Ion: 75 Resp: 227235

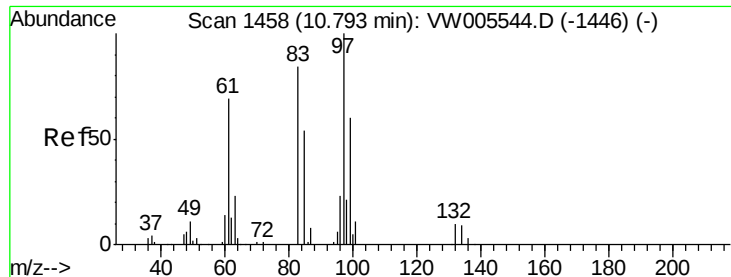
Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5

39 51.3 43.7 65.5

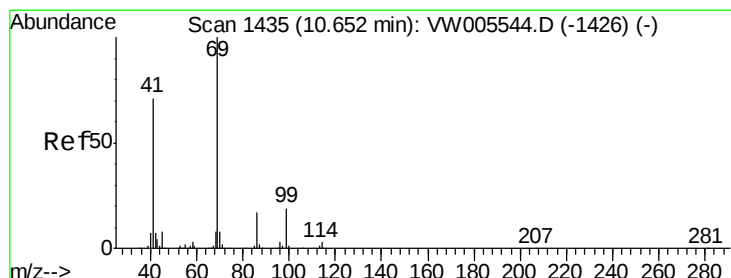
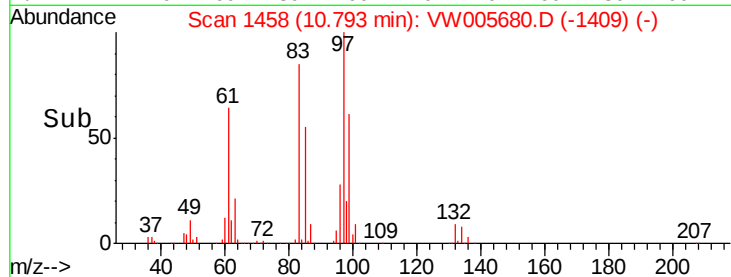
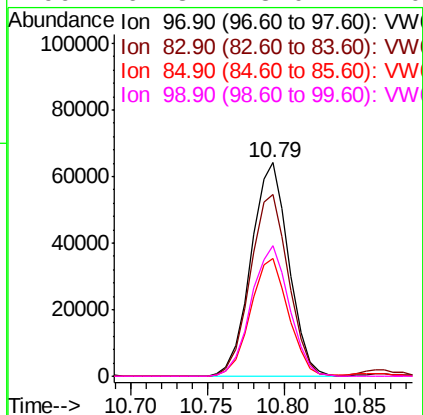
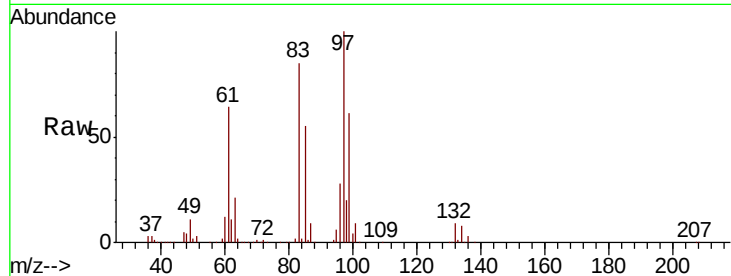




#55
 1,1,2-Trichloroethane
 Concen: 60.552 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

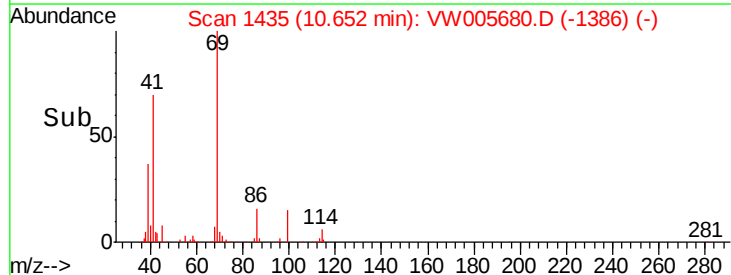
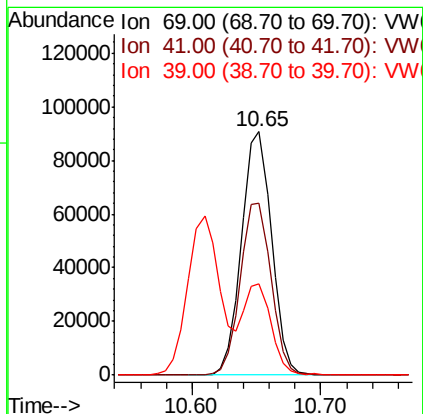
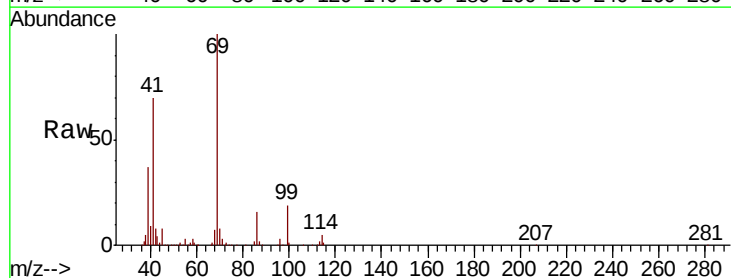
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

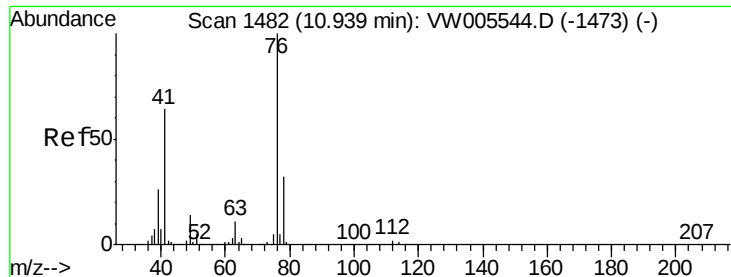
Tgt Ion:	97	Resp:	109956
Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.2
85	55.3	43.3	64.9
99	61.3	48.0	72.0



#56
 Ethyl methacrylate
 Concen: 65.486 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:	69	Resp:	146796
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.3	85.9
39	33.6	29.2	43.8

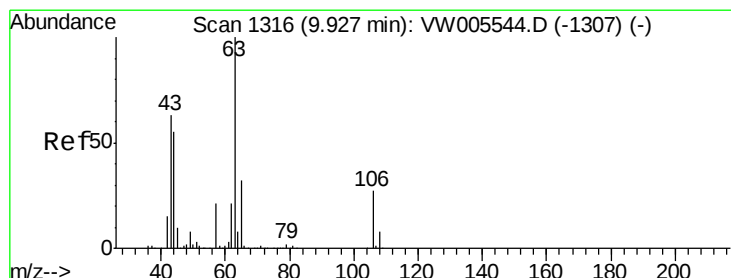
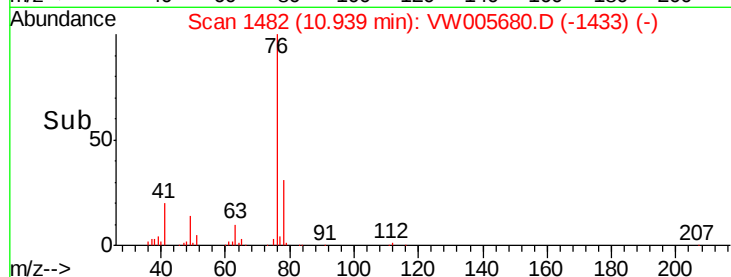
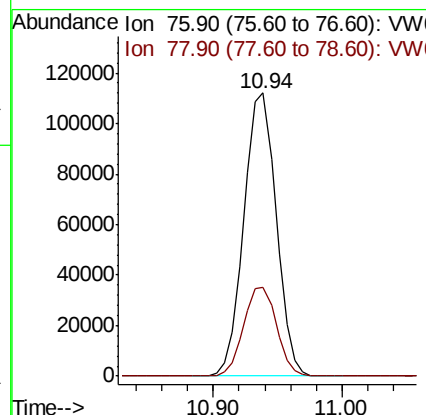
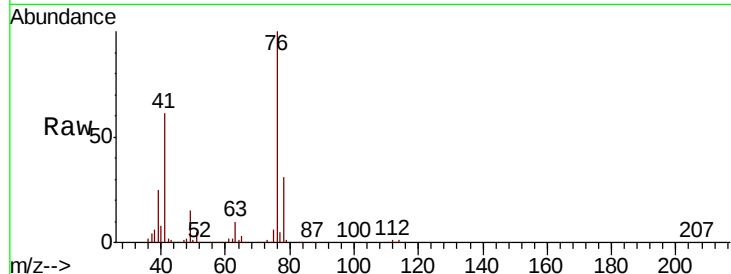




#57
 1,3-Dichloropropane
 Concen: 60.587 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

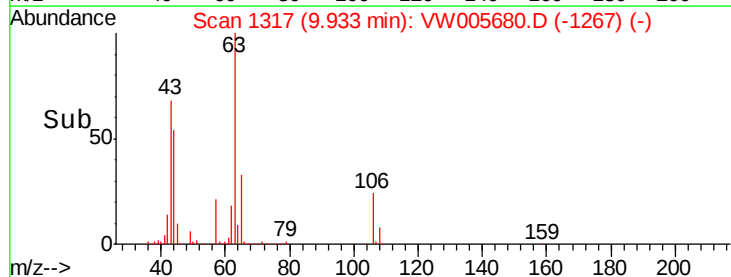
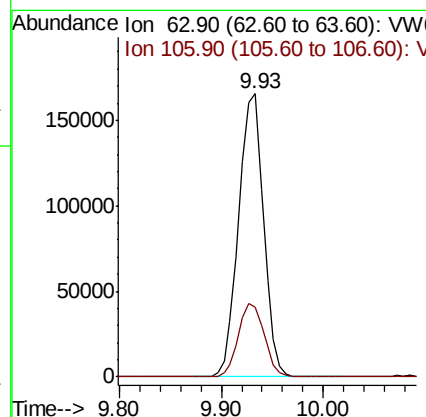
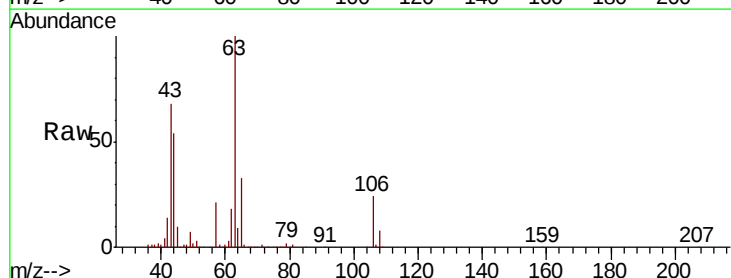
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

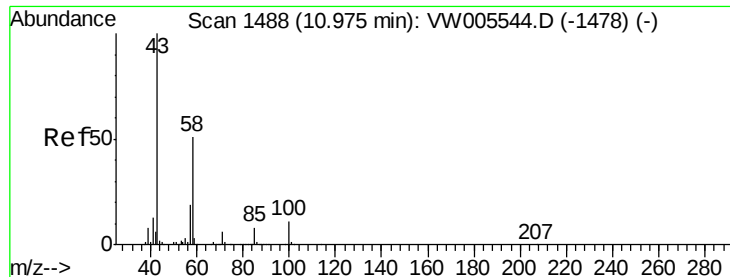
Tgt Ion: 76 Resp: 194991
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.738 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 63 Resp: 279175
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.6 32.4





#59

2-Hexanone

Concen: 310.171 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

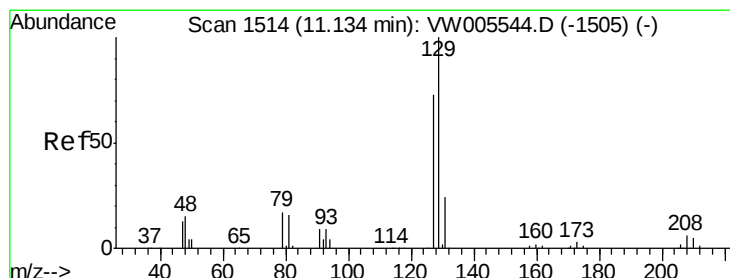
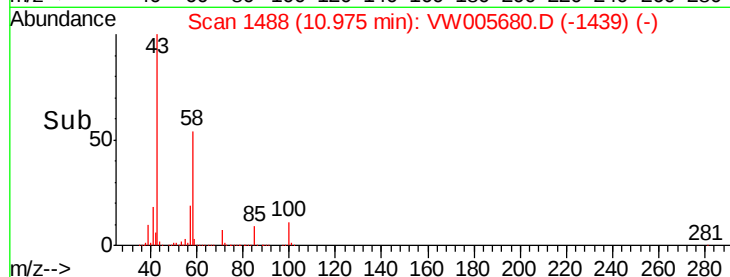
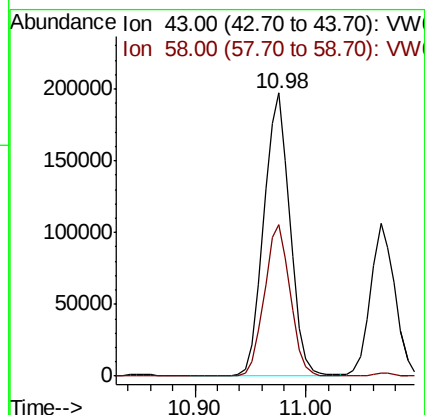
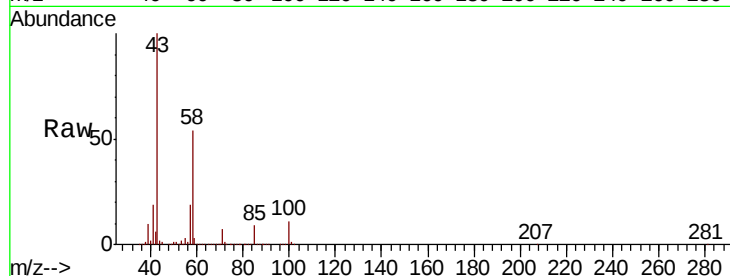
BFB

Tgt Ion: 43 Resp: 322514

Ion Ratio Lower Upper

43 100

58 53.1 25.3 75.9



#60

Dibromochloromethane

Concen: 59.589 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW005680.D

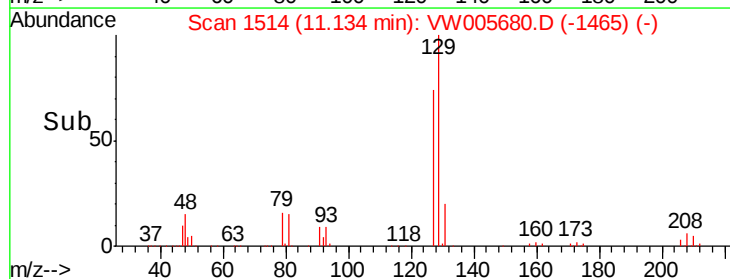
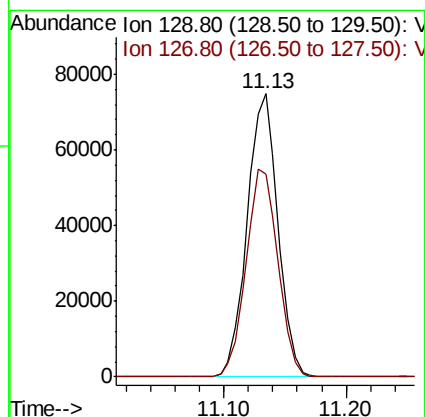
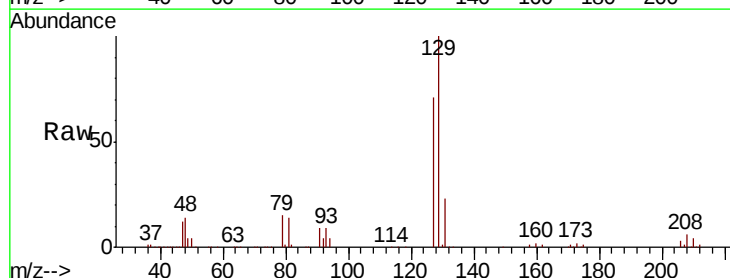
Acq: 27 Sep 2018 04:02

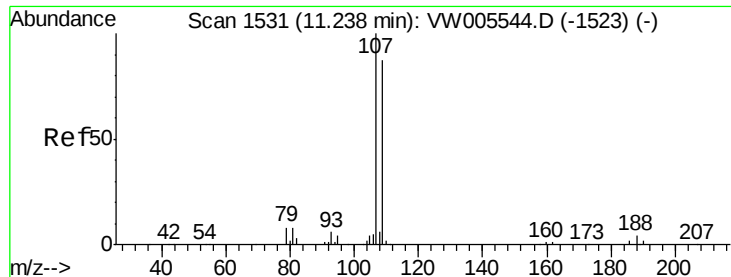
Tgt Ion: 129 Resp: 130743

Ion Ratio Lower Upper

129 100

127 76.1 38.5 115.5

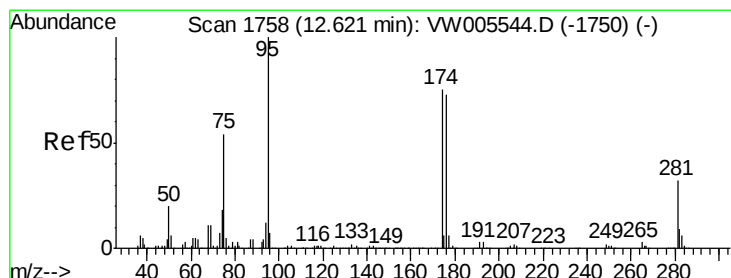
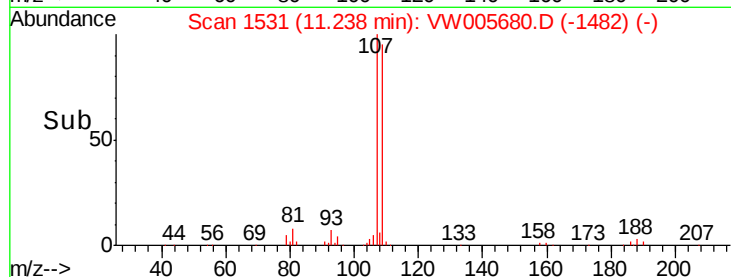
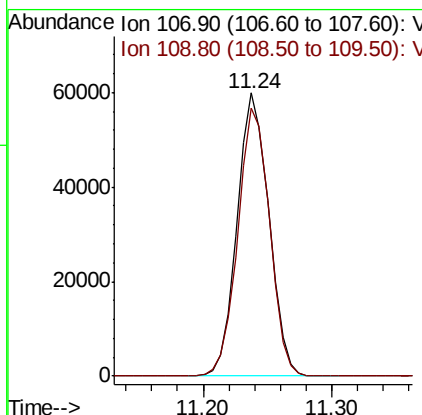
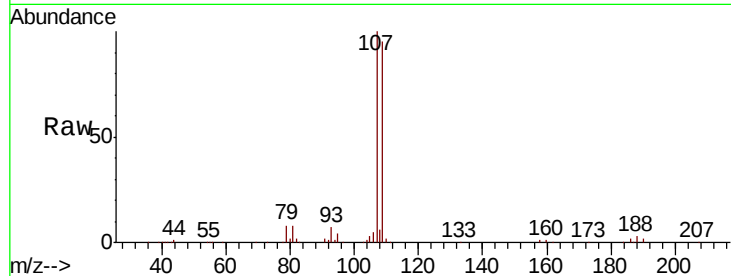




#61
 1,2-Dibromoethane
 Concen: 60.340 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

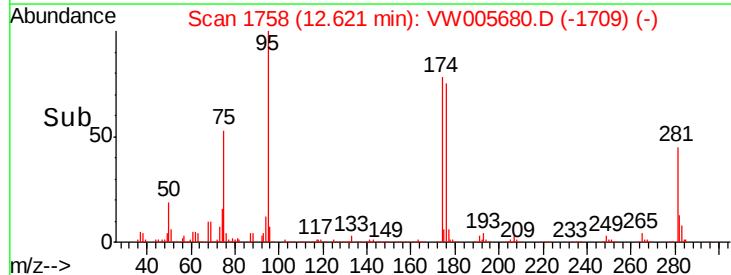
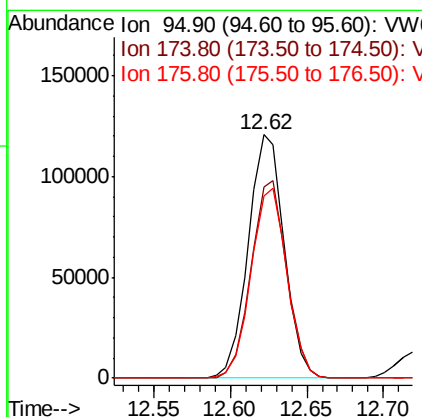
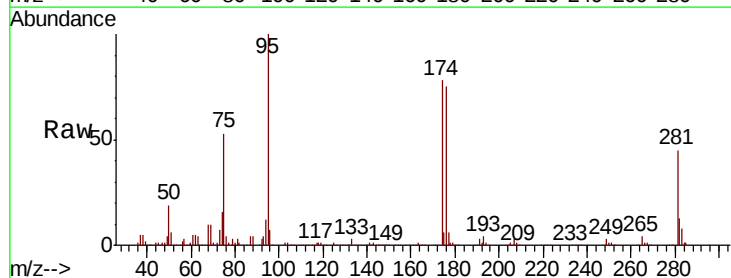
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

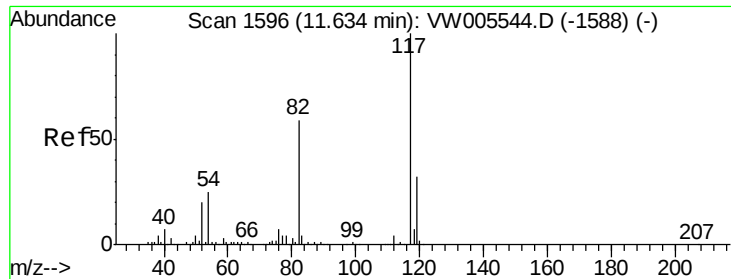
Tgt Ion: 107 Resp: 102160
 Ion Ratio Lower Upper
 107 100
 109 94.7 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 56.975 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 95 Resp: 196968
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 163.8
 176 78.1 0.0 158.0

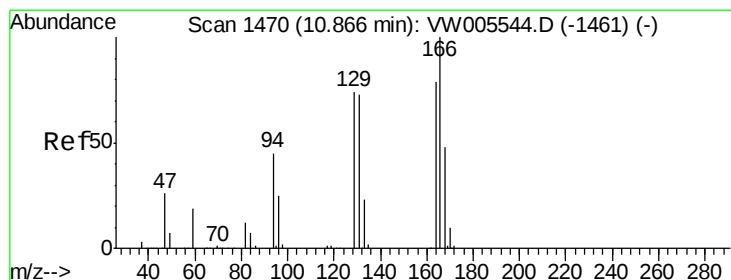
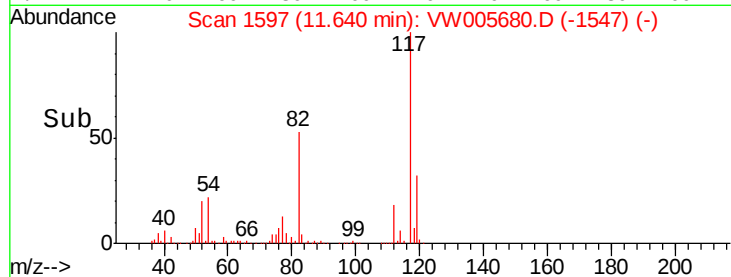
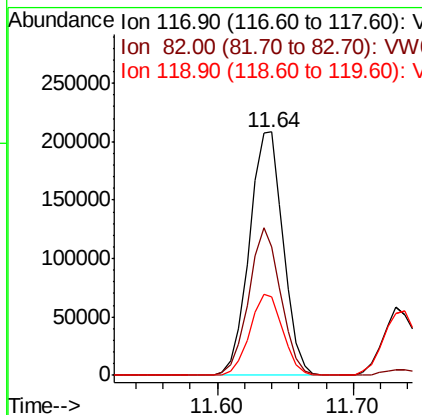
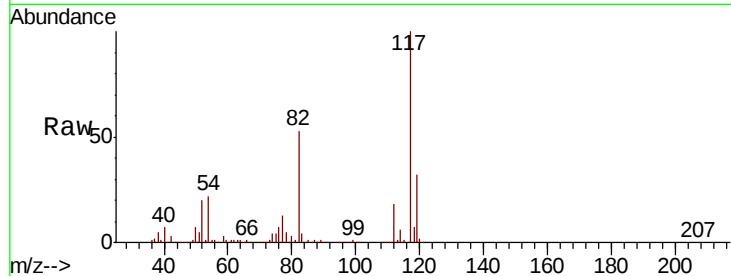




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

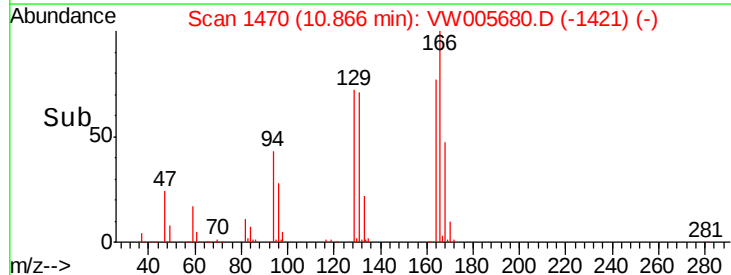
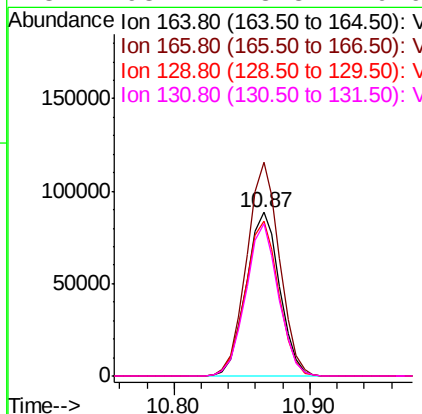
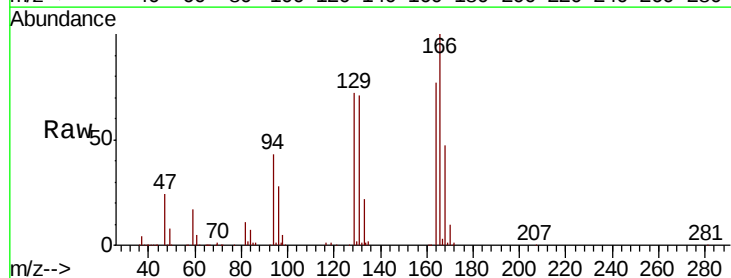
Instrument :
MSVOA_W
ClientSampled :
BFB

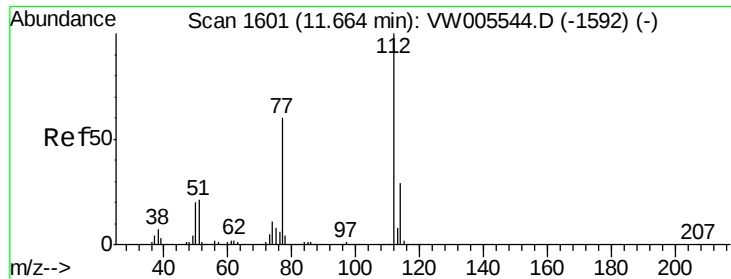
Tgt Ion:117 Resp: 361876
Ion Ratio Lower Upper
117 100
82 52.9 46.9 70.3
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 59.431 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion:164 Resp: 152641
Ion Ratio Lower Upper
164 100
166 130.7 101.1 151.7
129 94.6 74.4 111.6
131 93.1 73.8 110.6

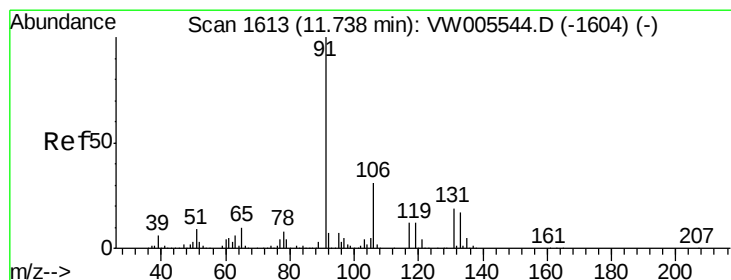
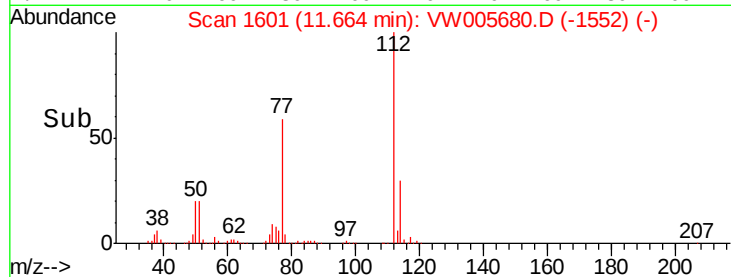
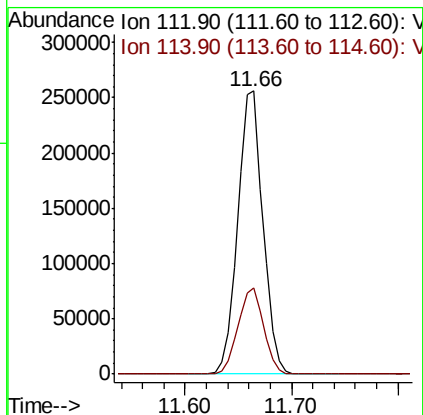
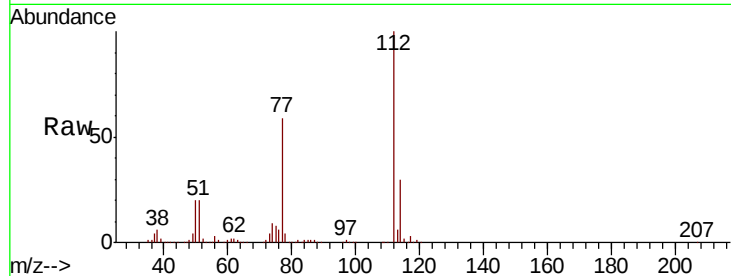




#65
Chlorobenzene
Concen: 55.361 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

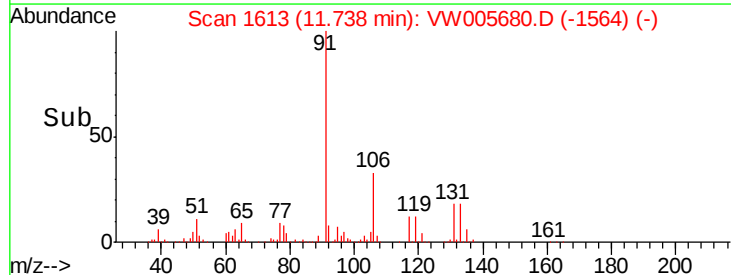
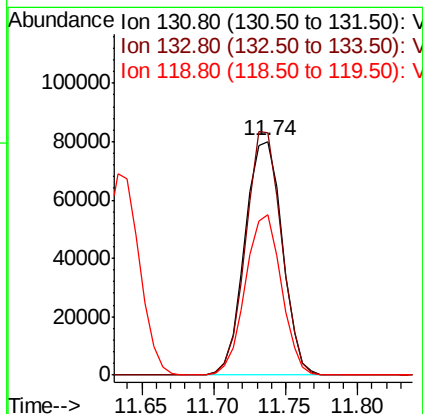
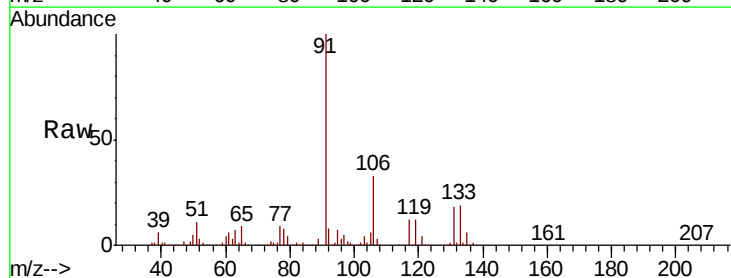
Instrument :
MSVOA_W
ClientSampleId :
BFB

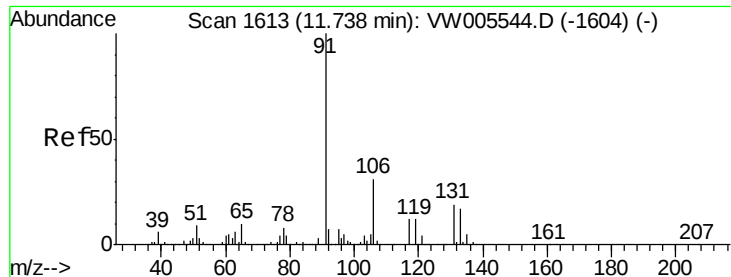
Tgt Ion:112 Resp: 425297
Ion Ratio Lower Upper
112 100
114 30.4 22.9 34.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.074 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion:131 Resp: 143980
Ion Ratio Lower Upper
131 100
133 99.5 47.2 141.6
119 66.0 31.1 93.2

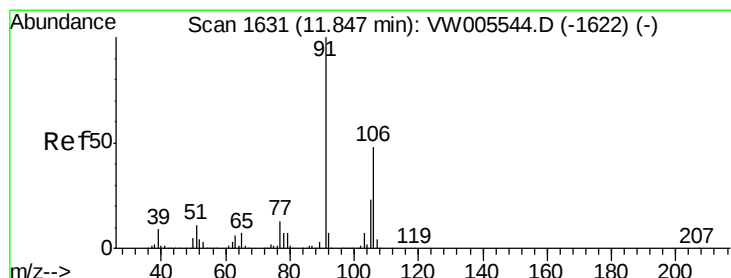
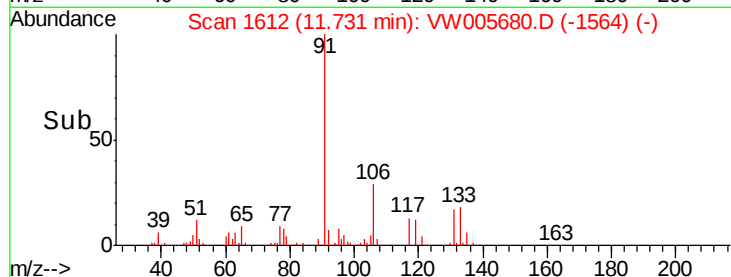
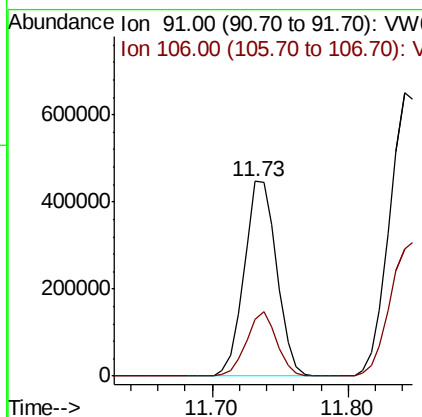
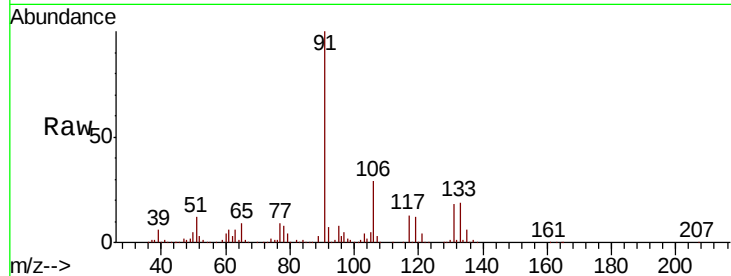




#67
Ethyl Benzene
Concen: 55.003 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

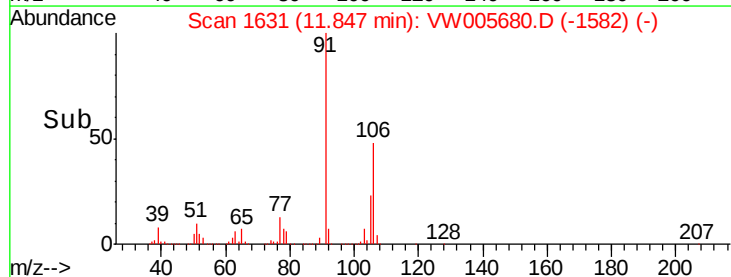
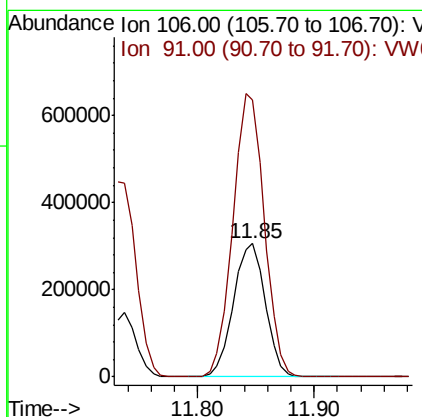
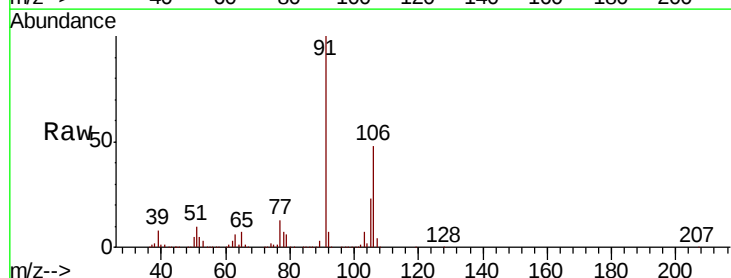
Instrument :
MSVOA_W
ClientSampled :
BFB

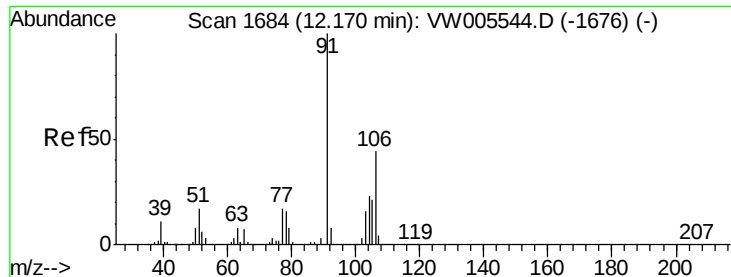
Tgt Ion: 91 Resp: 750014
Ion Ratio Lower Upper
91 100
106 29.0 24.4 36.6



#68
m/p-Xylenes
Concen: 113.387 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 106 Resp: 584138
Ion Ratio Lower Upper
106 100
91 208.9 167.8 251.8

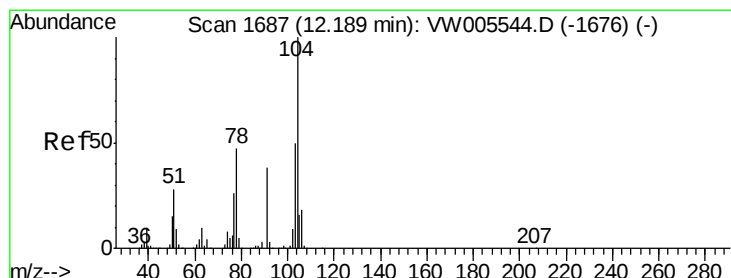
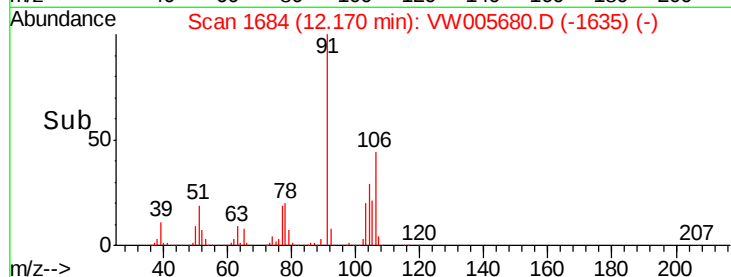
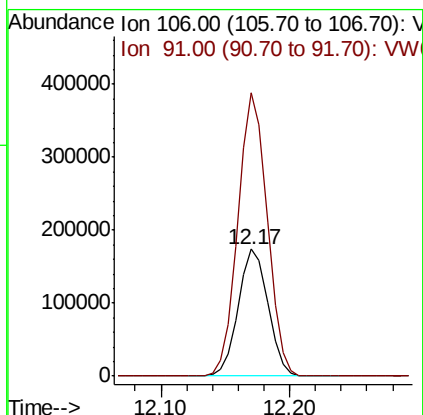
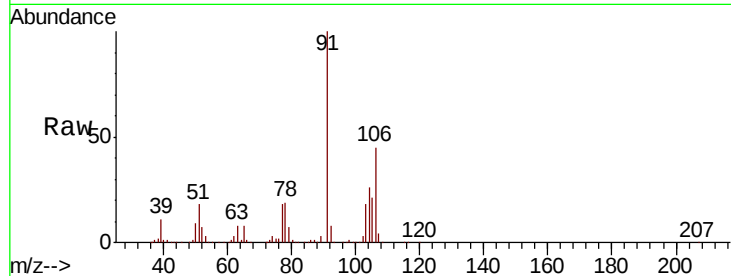




#69
o-Xylene
Concen: 57.524 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

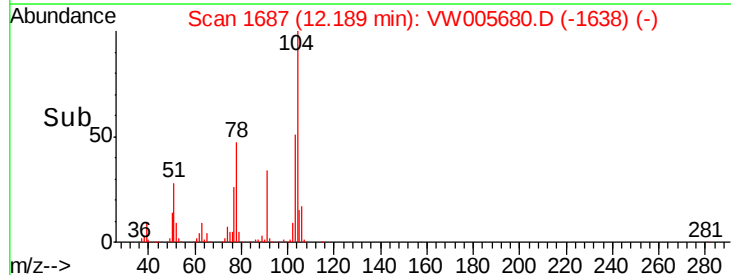
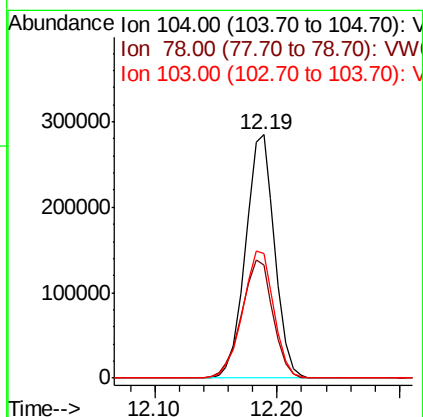
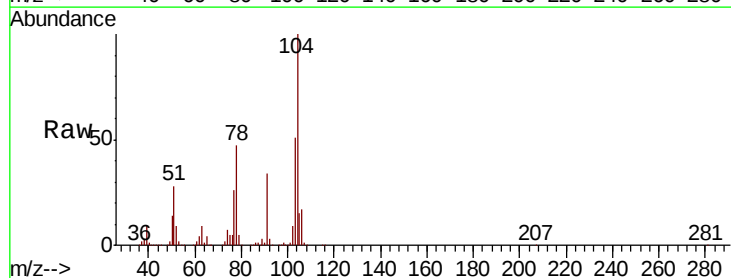
Instrument :
MSVOA_W
ClientSampled :
BFB

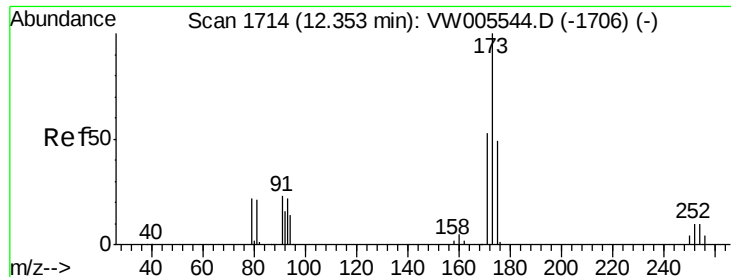
Tgt Ion:106 Resp: 277543
Ion Ratio Lower Upper
106 100
91 220.4 111.0 333.0



#70
Styrene
Concen: 57.803 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion:104 Resp: 469333
Ion Ratio Lower Upper
104 100
78 52.3 42.2 63.4
103 56.0 44.6 66.8





#71

Bromoform

Concen: 56.289 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

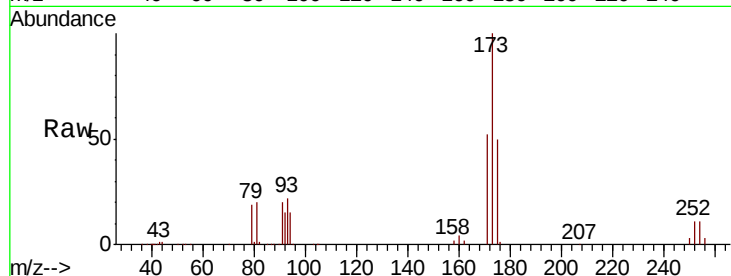
Tgt Ion:173 Resp: 82612

Ion Ratio Lower Upper

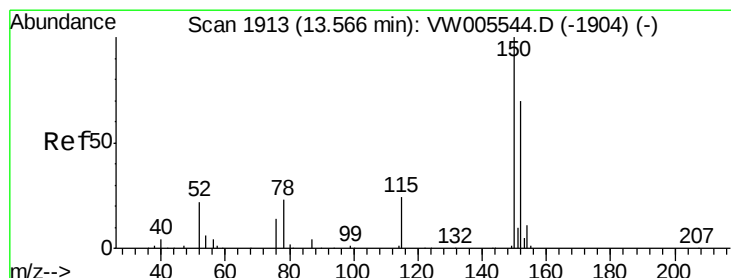
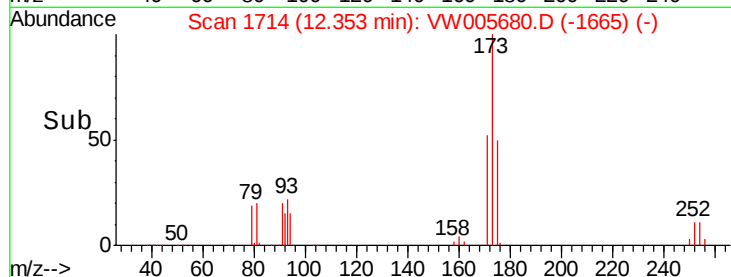
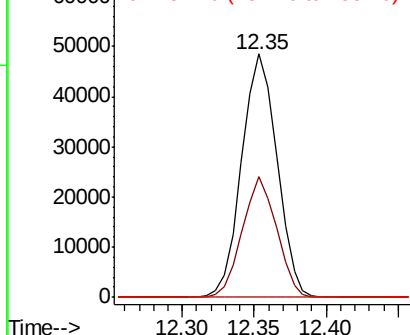
173 100

175 48.1 24.3 72.9

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: VW005680.D

Acq: 27 Sep 2018 04:02

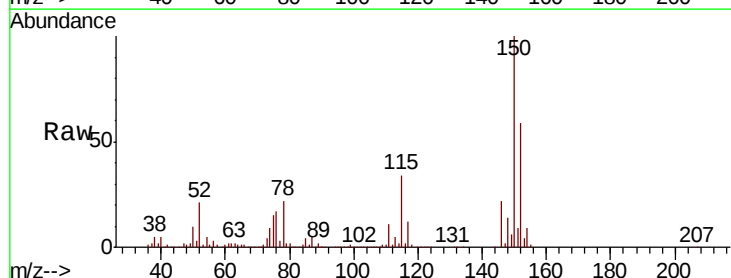
Tgt Ion:152 Resp: 190547

Ion Ratio Lower Upper

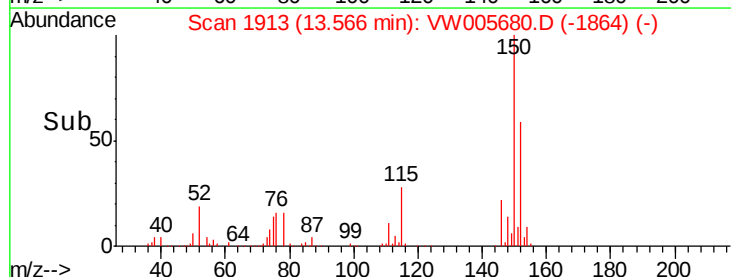
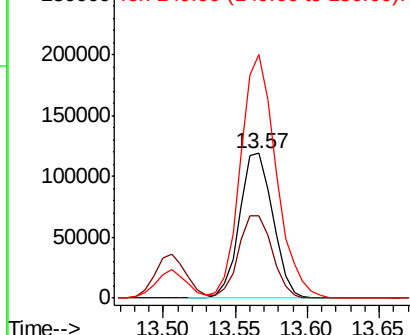
152 100

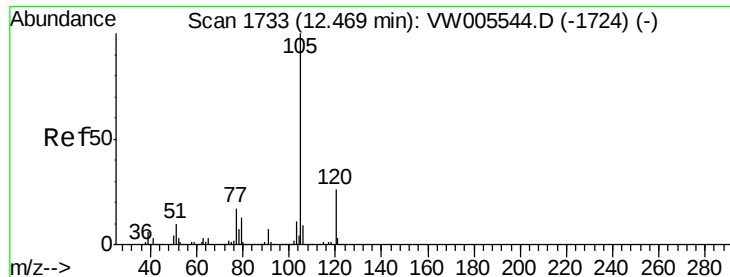
115 58.5 30.0 90.0

150 179.8 0.0 348.6



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: 59.233 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

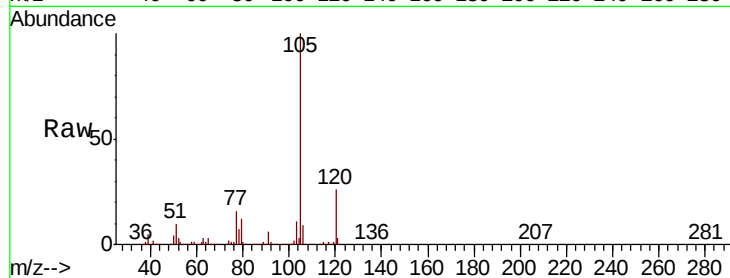
BFB

Tgt Ion: 105 Resp: 782703

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

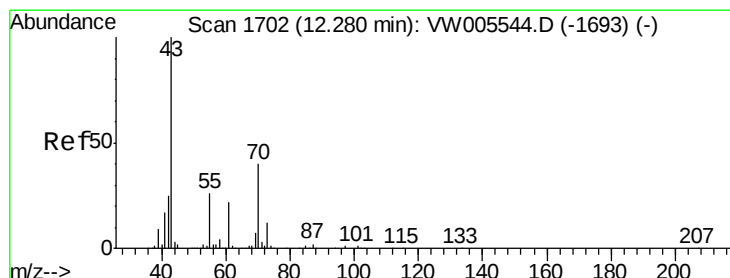
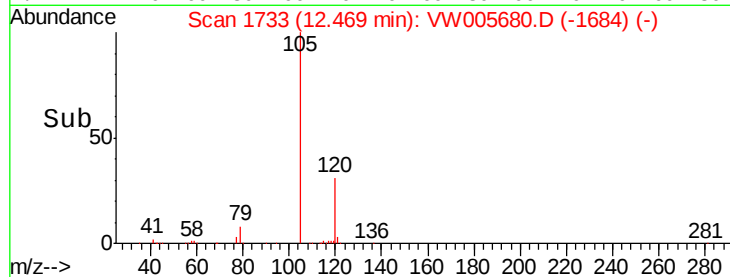
0

12.47

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 61.248 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Tgt Ion: 43 Resp: 183264

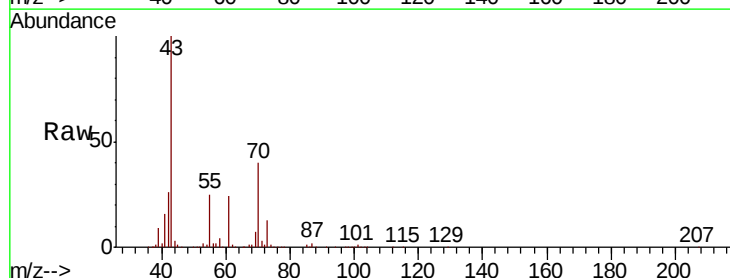
Ion Ratio Lower Upper

43 100

70 39.7 31.4 47.0

55 25.8 20.9 31.3

61 23.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

150000

100000

50000

0

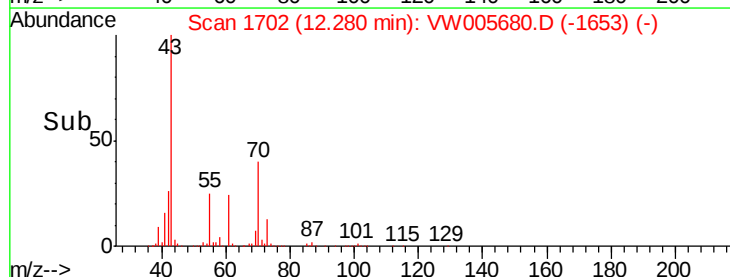
12.28

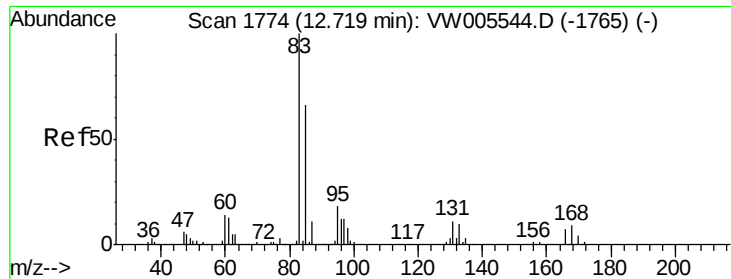
12.20

12.30

12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 58.114 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

BFB

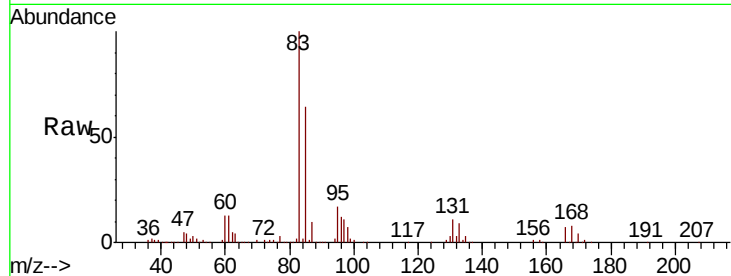
Tgt Ion: 83 Resp: 127553

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.7

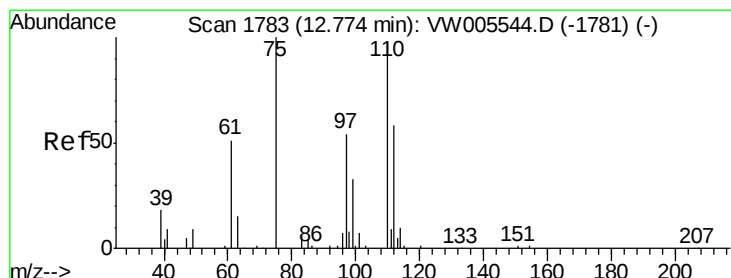
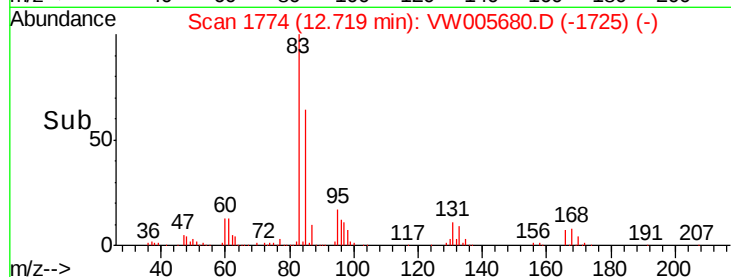
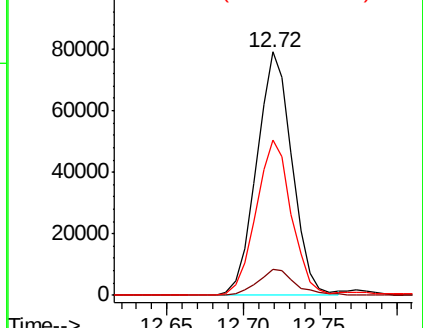
85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 107.574 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005680.D

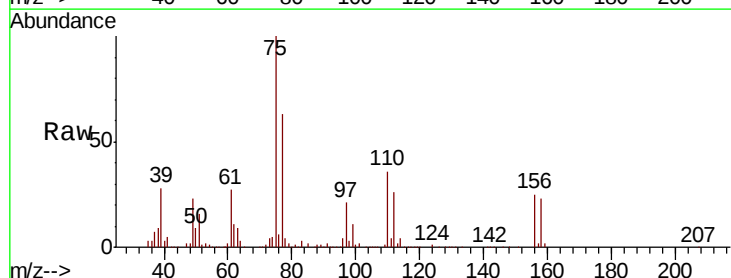
Acq: 27 Sep 2018 04:02

Tgt Ion: 75 Resp: 174731

Ion Ratio Lower Upper

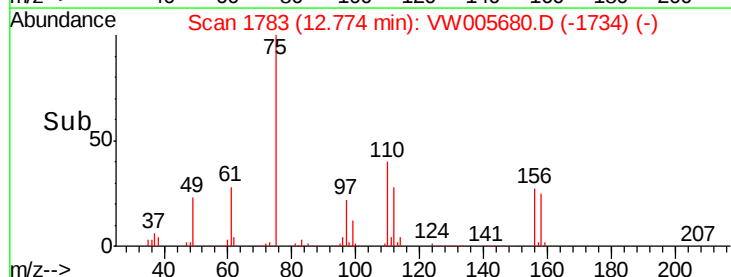
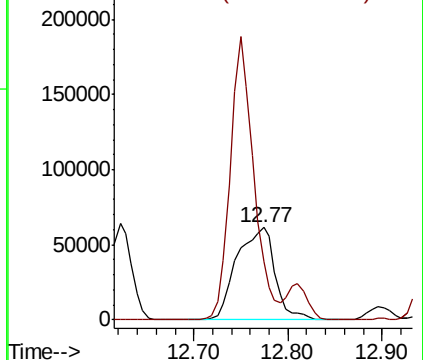
75 100

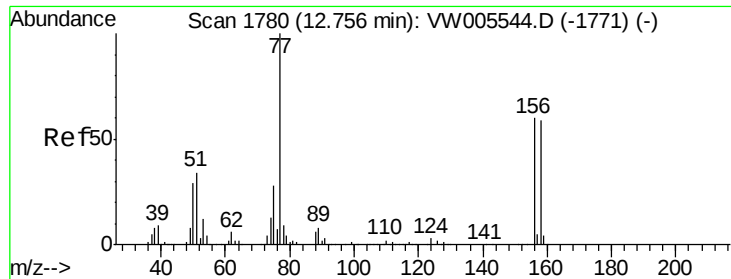
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

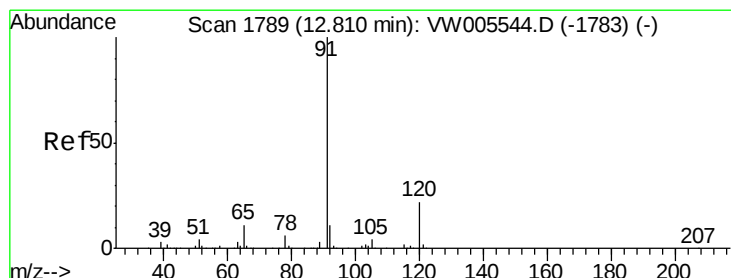
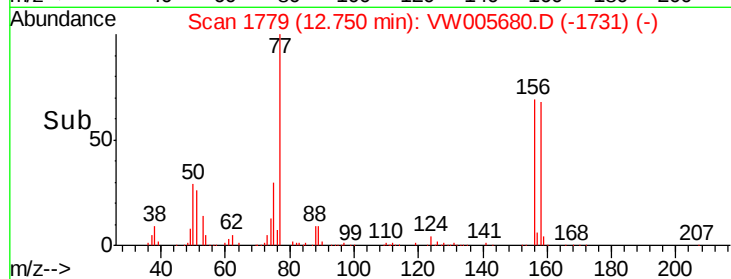
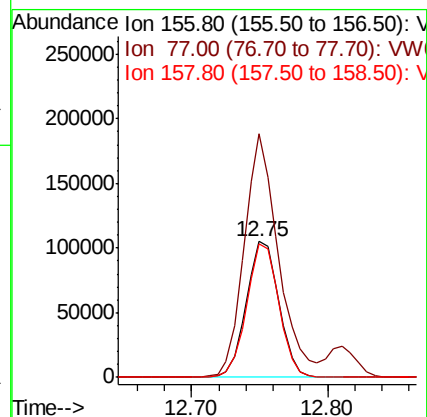
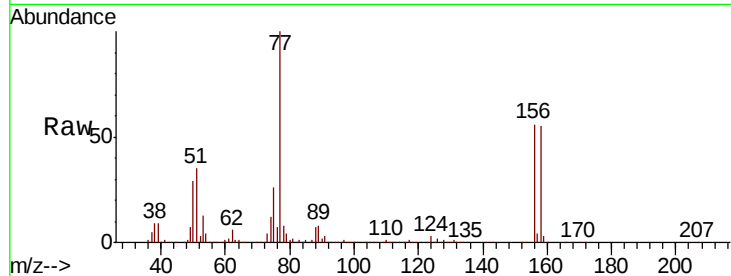




#77
Bromobenzene
Concen: 56.892 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.01 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

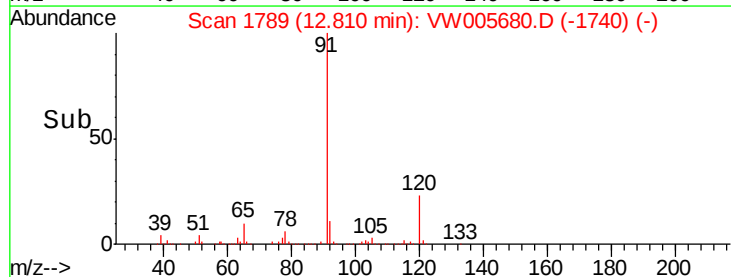
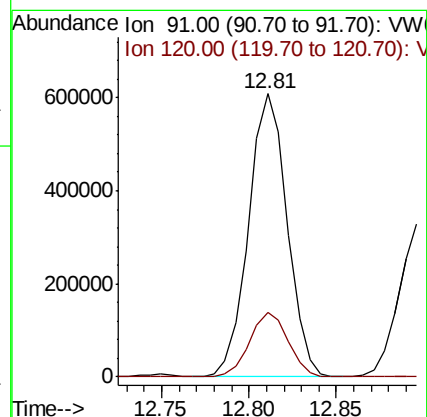
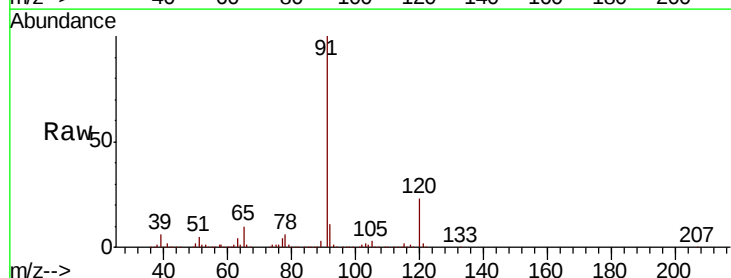
Instrument :
MSVOA_W
ClientSampled :
BFB

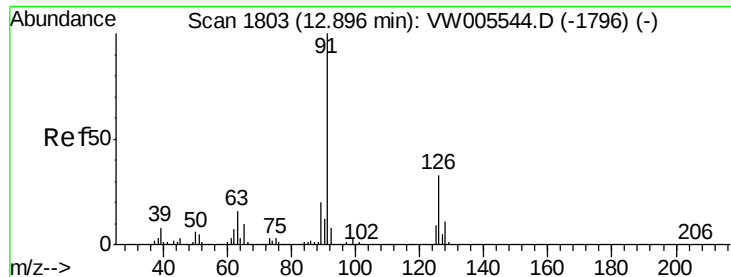
Tgt Ion:156 Resp: 176199
Ion Ratio Lower Upper
156 100
77 187.3 94.7 284.1
158 97.1 48.0 144.2



#78
n-propylbenzene
Concen: 58.208 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 91 Resp: 931210
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5

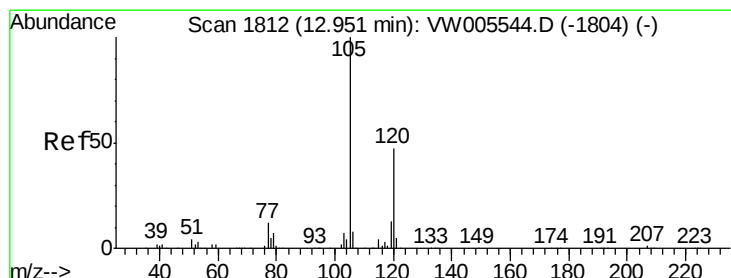
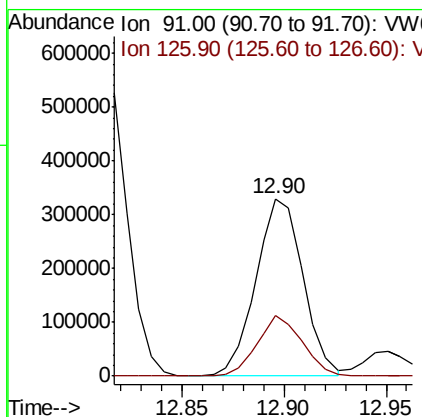
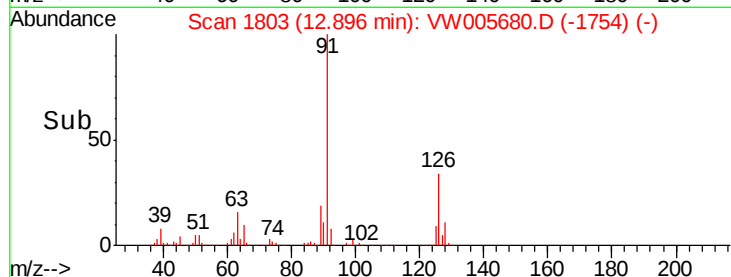
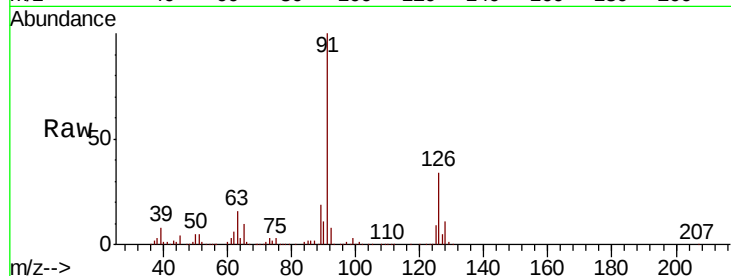




#79
 2-Chlorotoluene
 Concen: 57.425 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

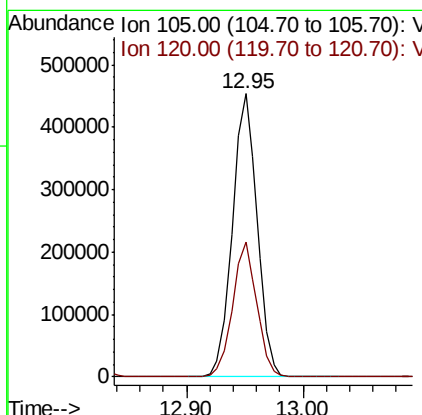
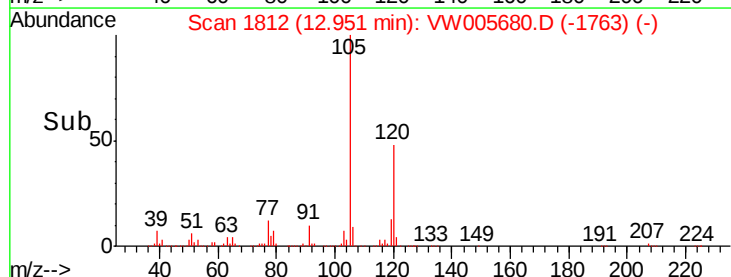
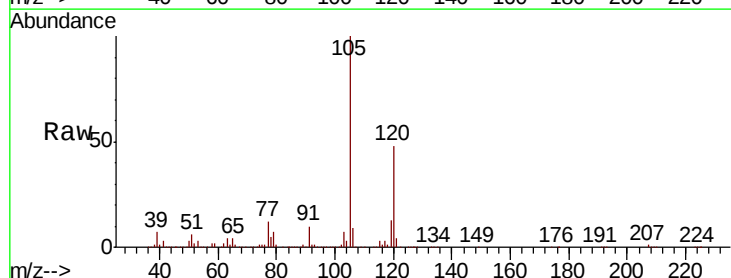
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

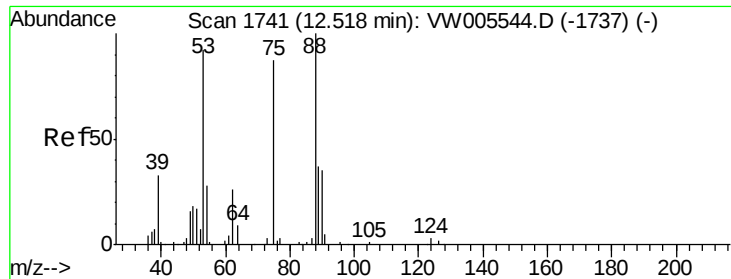
Tgt Ion: 91 Resp: 531511
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 58.338 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion: 105 Resp: 670305
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.6 70.8

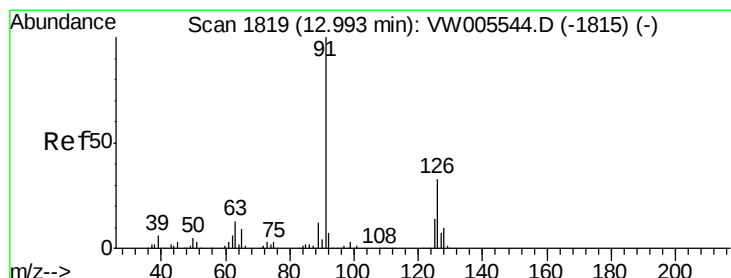
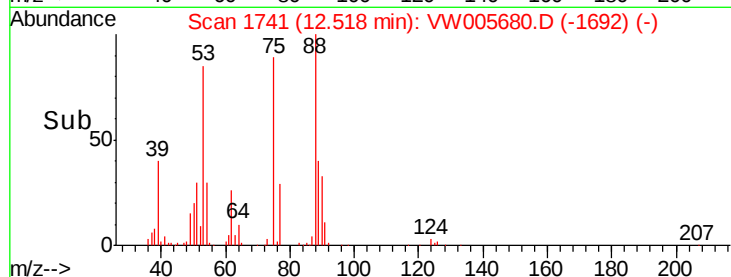
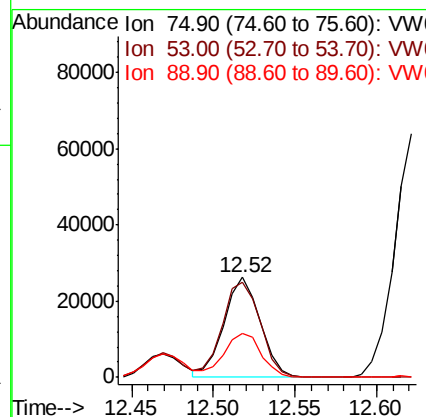
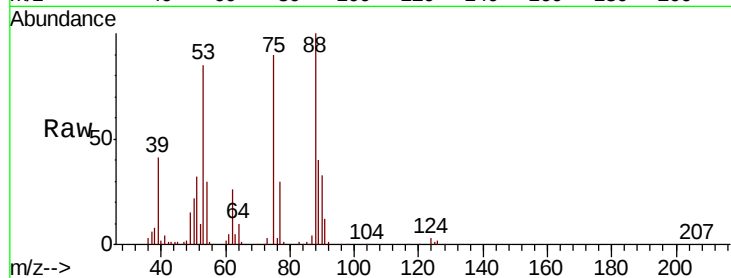




#81
trans-1,4-Dichloro-2-butene
Concen: 56.776 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

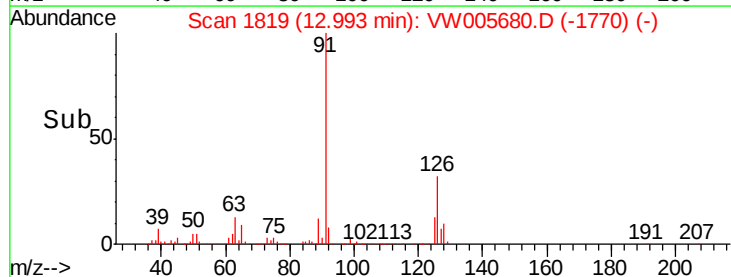
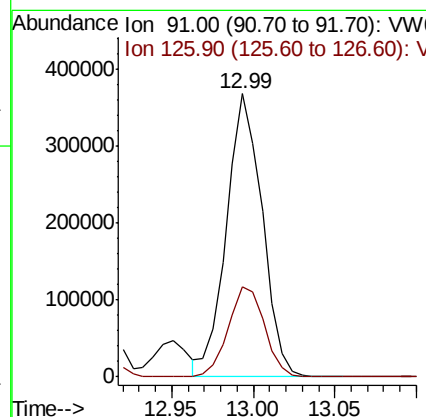
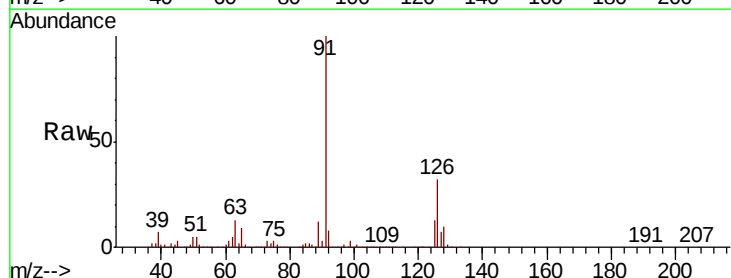
Instrument :
MSVOA_W
ClientSampleId :
BFB

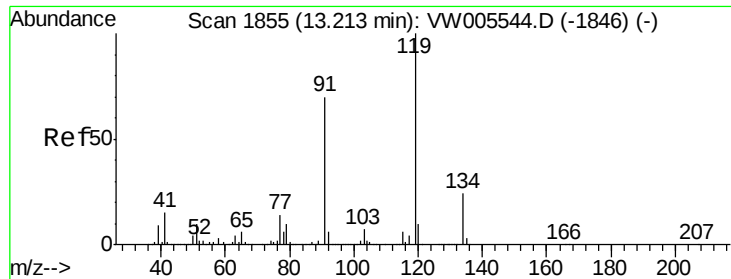
Tgt Ion: 75 Resp: 40945
Ion Ratio Lower Upper
75 100
53 99.5 85.8 128.6
89 44.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 57.448 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion: 91 Resp: 561808
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.4

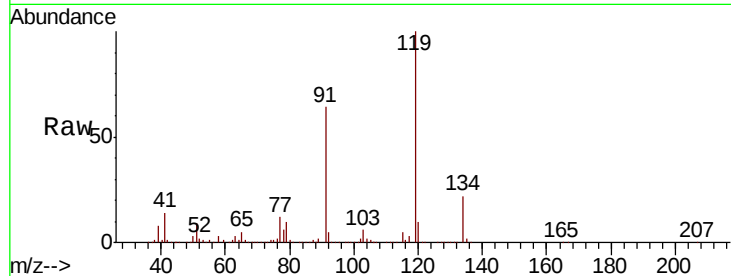




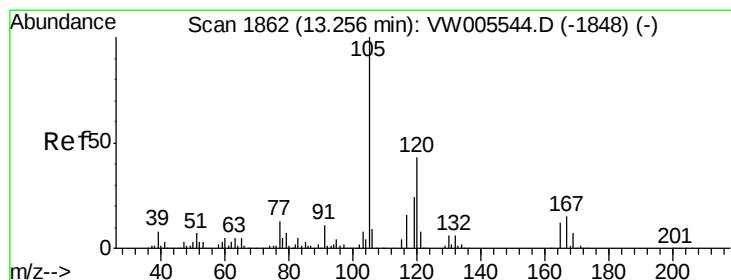
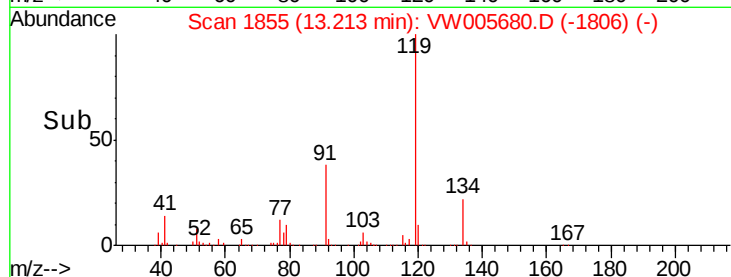
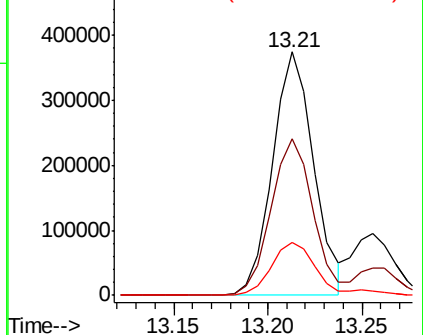
#83
 tert-Butylbenzene
 Concen: 58.902 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Instrument :
 MSVOA_W
 ClientSampled :
 BFB

Tgt Ion:119 Resp: 568585
 Ion Ratio Lower Upper
 119 100
 91 66.2 34.6 103.8
 134 22.9 12.6 37.6

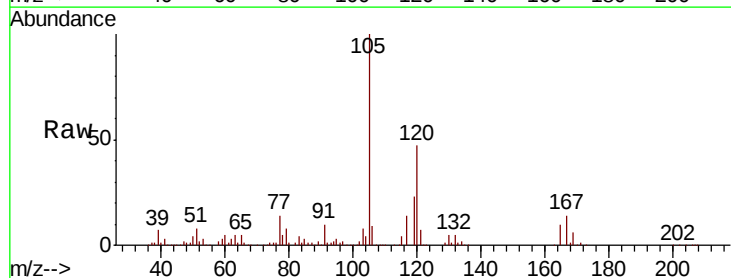


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

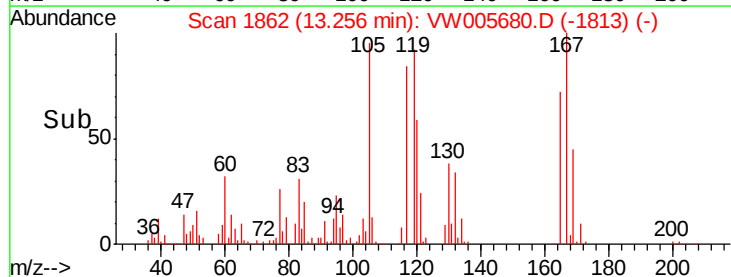
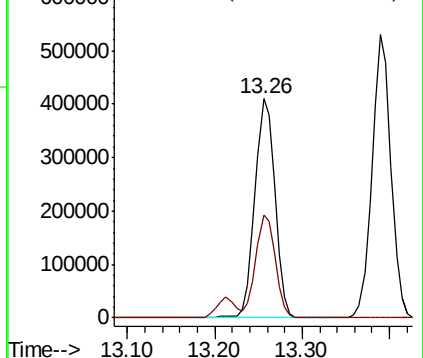


#84
 1,2,4-Trimethylbenzene
 Concen: 56.371 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:105 Resp: 653624
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

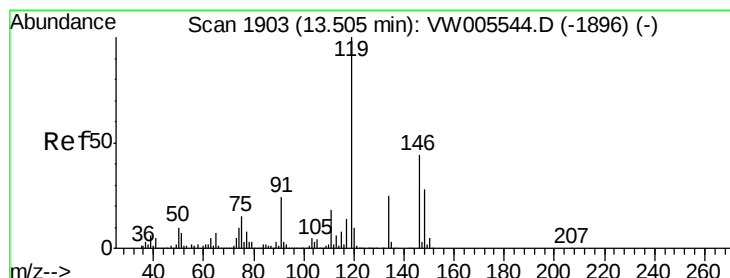
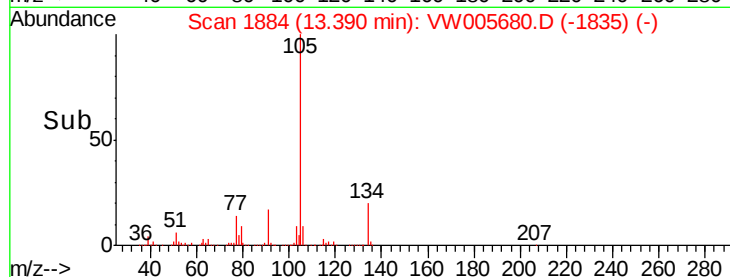
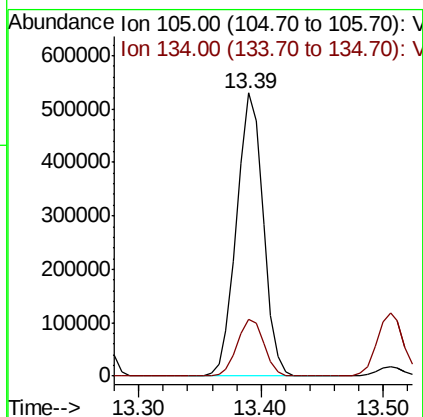
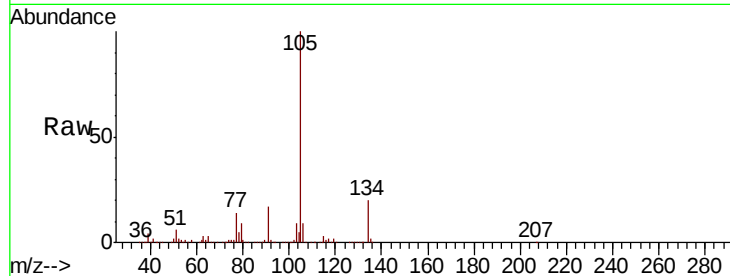




#85
 sec-Butylbenzene
 Concen: 56.787 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

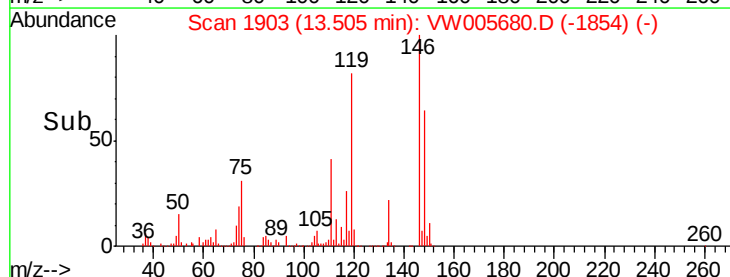
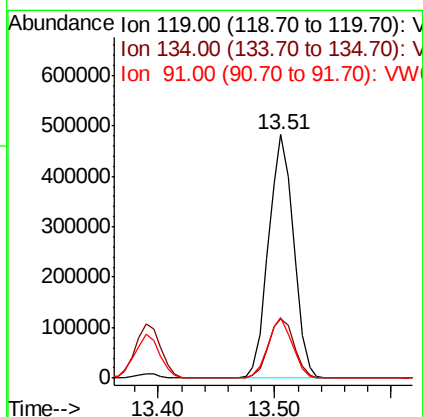
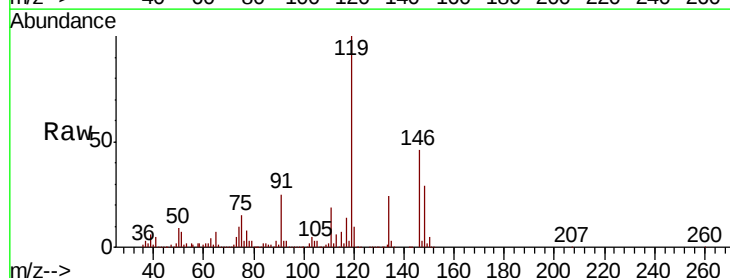
Instrument :
 MSVOA_W
 ClientSampled :
 BFB

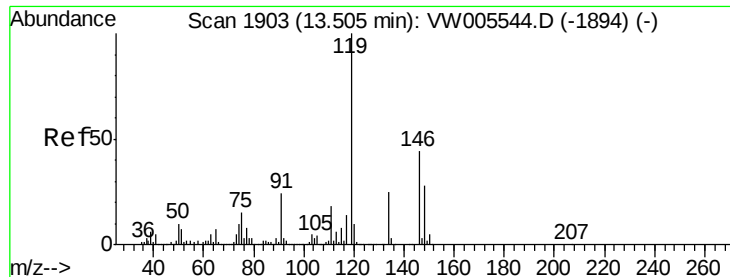
Tgt Ion:105 Resp: 795026
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 56.853 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:119 Resp: 713428
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 54.751 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

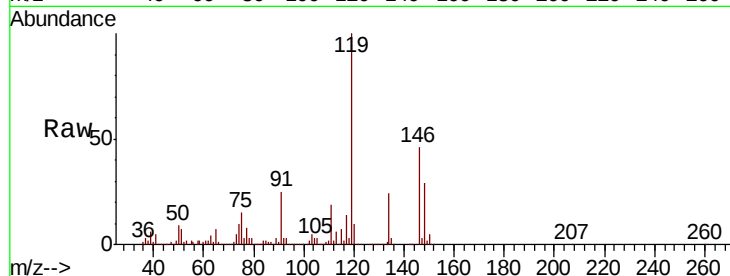
Tgt Ion:146 Resp: 346727

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.9

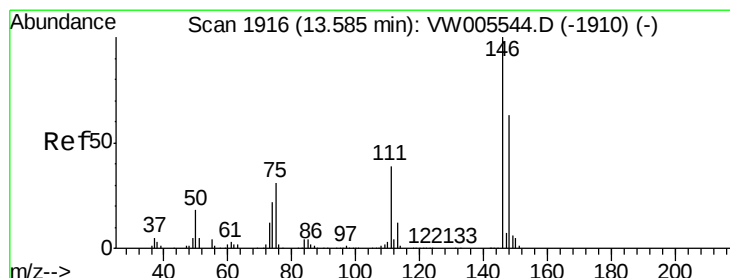
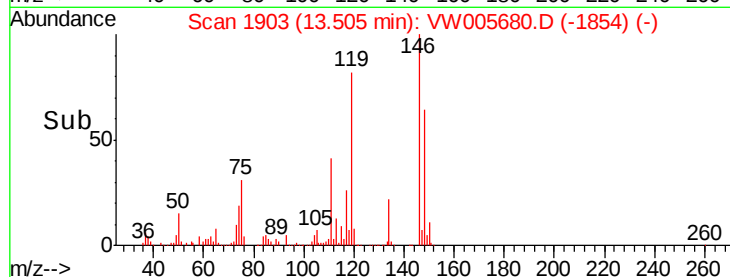
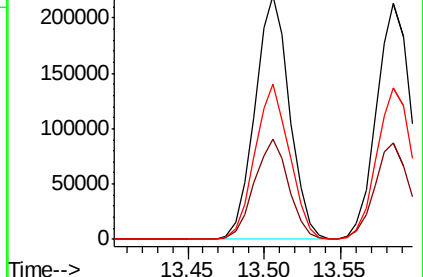
148 63.5 31.8 95.4



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: 53.400 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

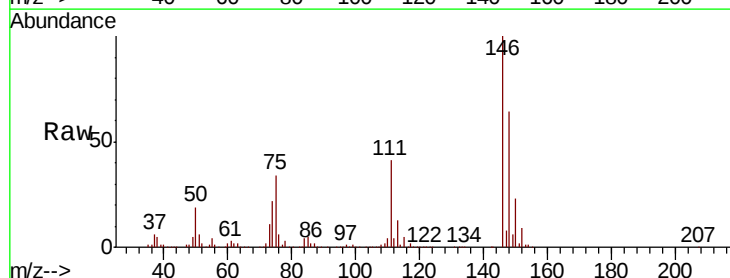
Tgt Ion:146 Resp: 336331

Ion Ratio Lower Upper

146 100

111 40.8 19.9 59.7

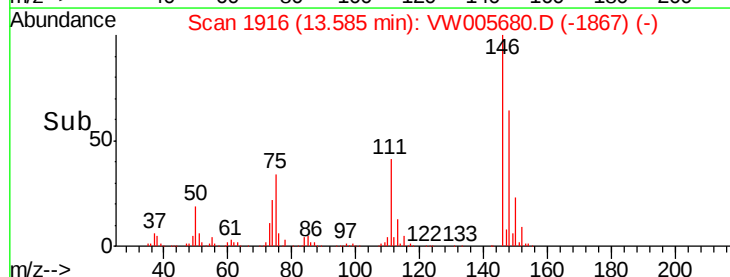
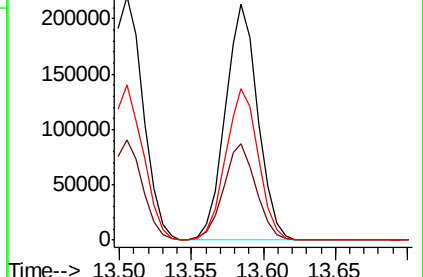
148 64.5 32.1 96.3

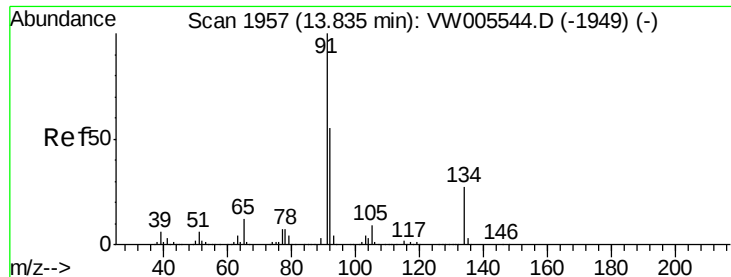


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 57.599 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.01 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampleId :

BFB

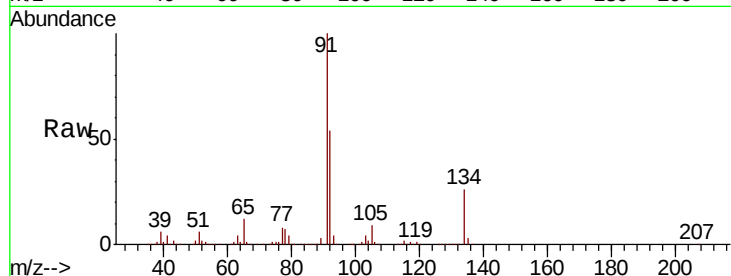
Tgt Ion: 91 Resp: 681752

Ion Ratio Lower Upper

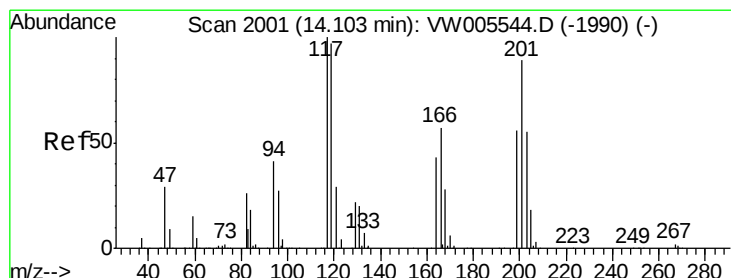
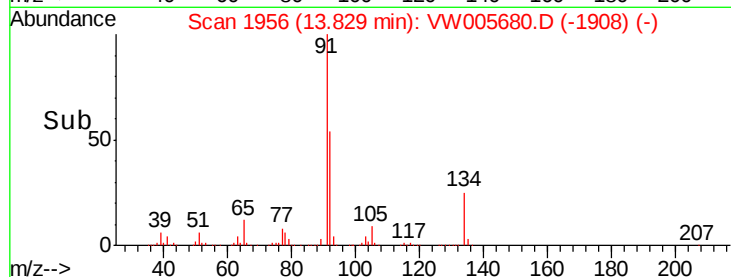
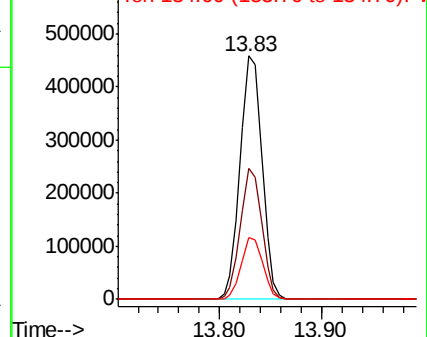
91 100

92 52.7 26.5 79.5

134 25.3 12.9 38.7



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: 56.859 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005680.D

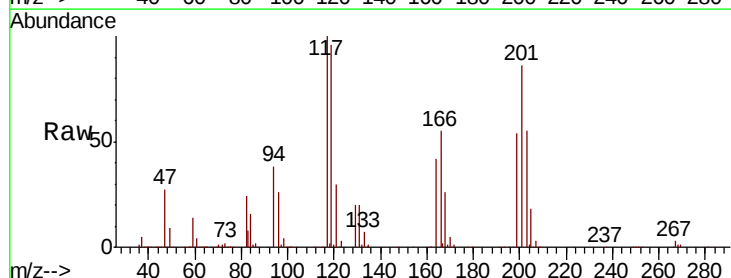
Acq: 27 Sep 2018 04:02

Tgt Ion: 117 Resp: 129320

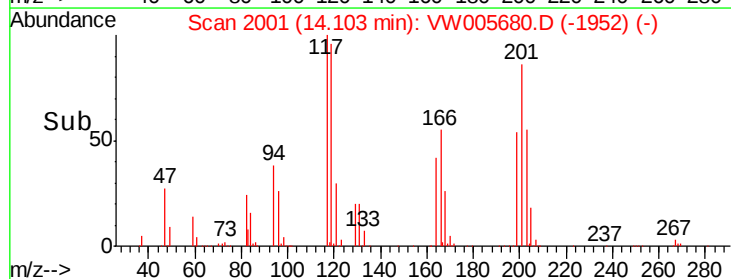
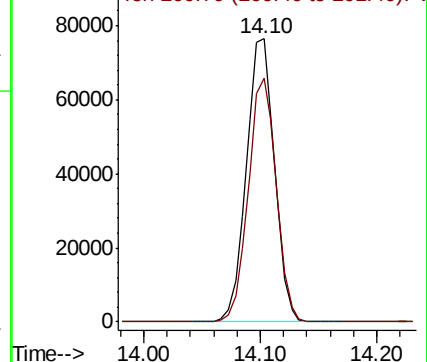
Ion Ratio Lower Upper

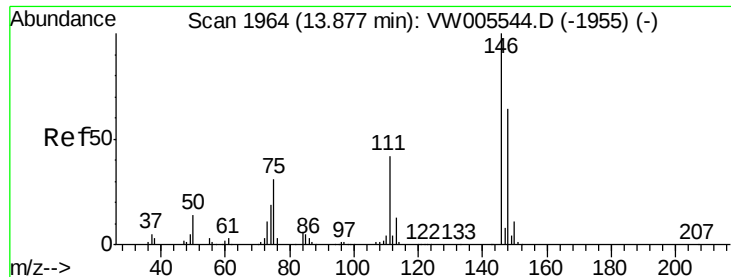
117 100

201 85.1 42.8 128.3



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





#91

1,2-Dichlorobenzene

Concen: 56.015 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

Instrument :

MSVOA_W

ClientSampled :

BFB

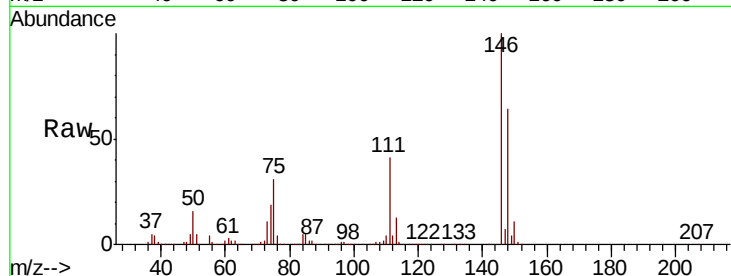
Tgt Ion:146 Resp: 313147

Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

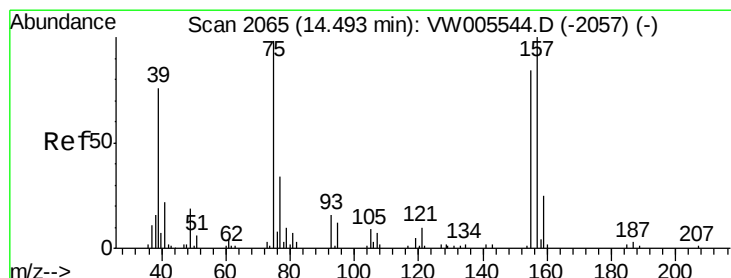
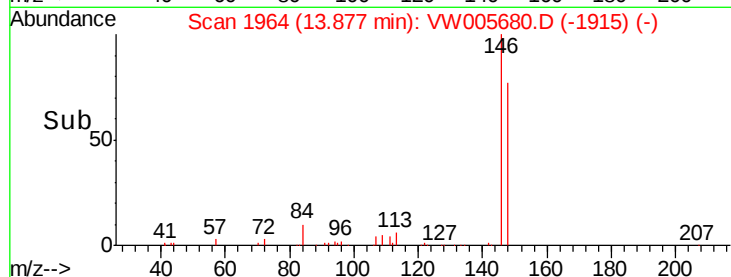
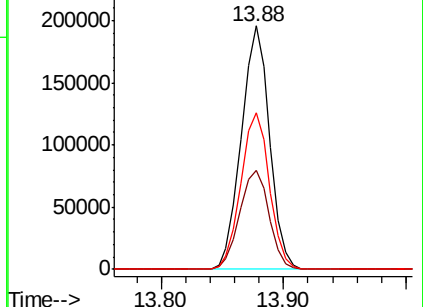
148 64.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.704 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW005680.D

Acq: 27 Sep 2018 04:02

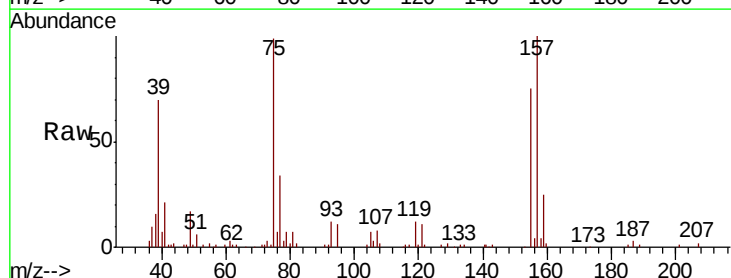
Tgt Ion: 75 Resp: 22876

Ion Ratio Lower Upper

75 100

155 80.5 39.1 117.5

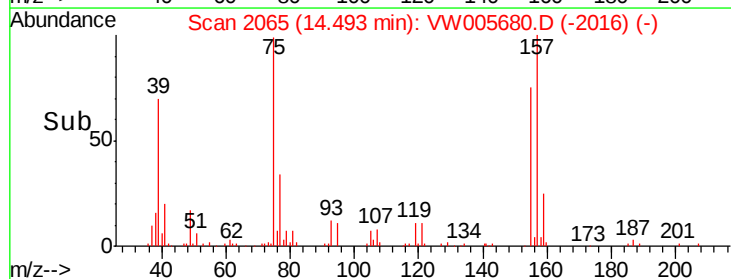
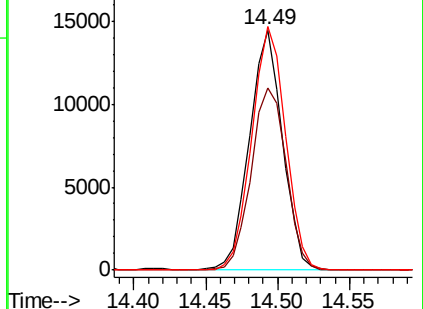
157 103.6 50.8 152.4

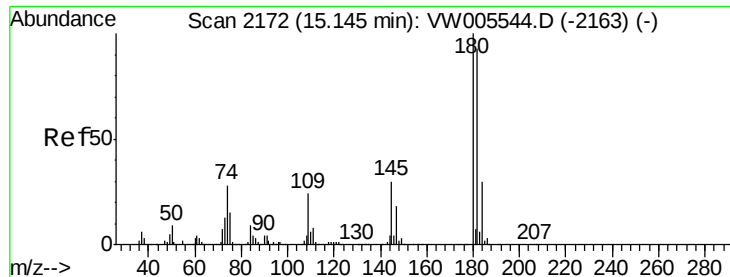


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

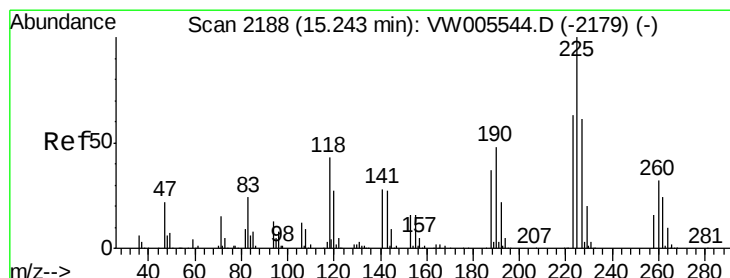
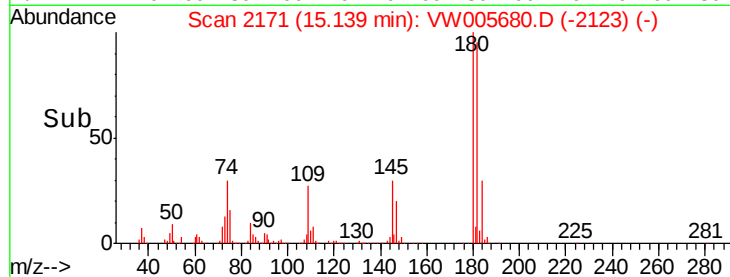
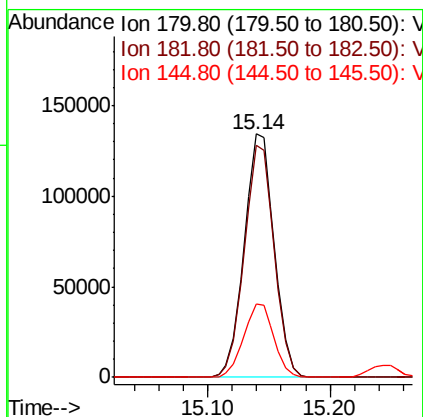
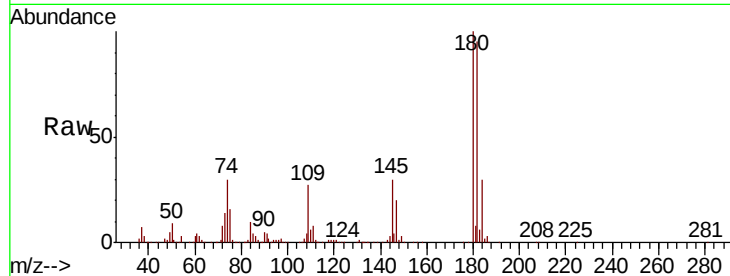




#93
 1,2,4-Trichlorobenzene
 Concen: 57.209 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

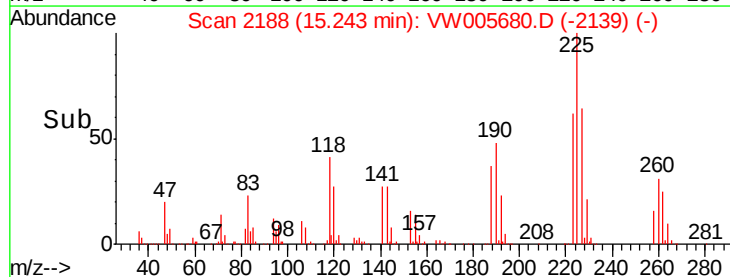
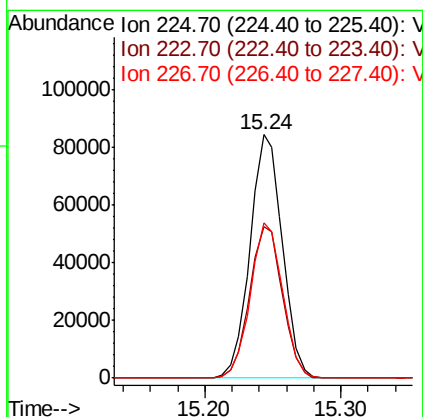
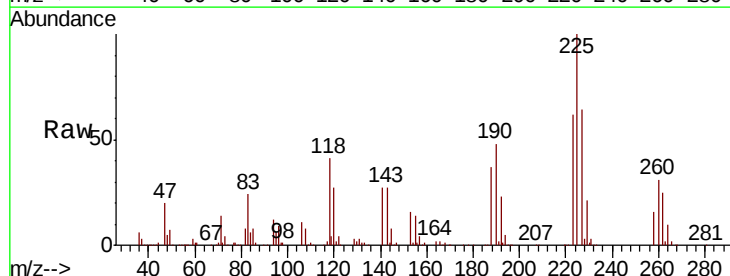
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

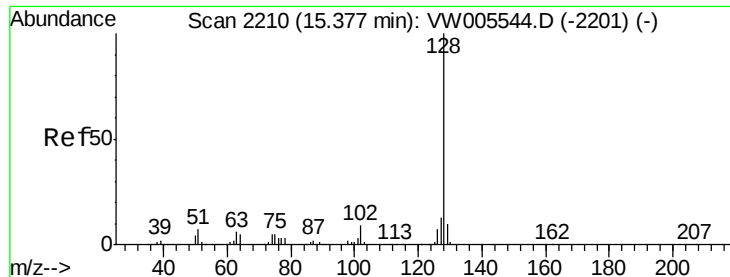
Tgt Ion:180 Resp: 228149
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 30.3 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 54.422 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005680.D
 Acq: 27 Sep 2018 04:02

Tgt Ion:225 Resp: 140605
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.3
 227 63.8 31.8 95.3

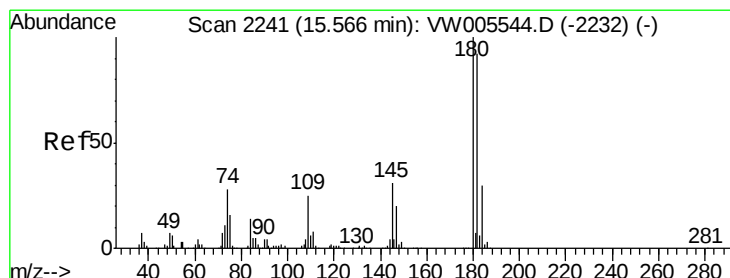
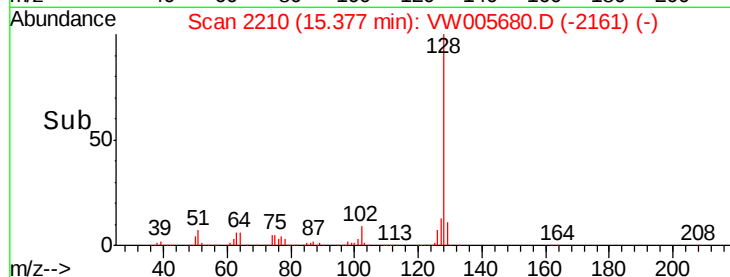
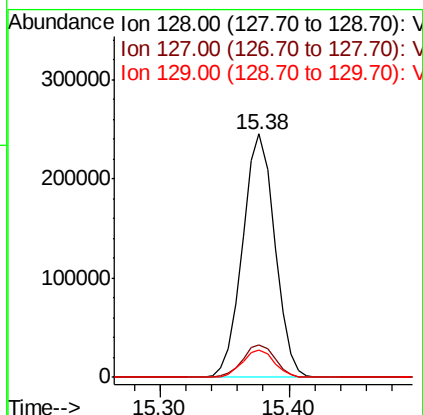
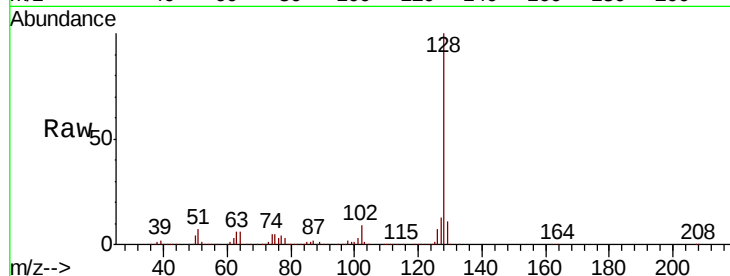




#95
Naphthalene
Concen: 63.174 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Instrument :
MSVOA_W
ClientSampleId :
BFB

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 58.488 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005680.D
Acq: 27 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	32.4	16.0	47.9

