

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
 Data File : VW005611.D
 Acq On : 25 Sep 2018 15:18
 Operator : VA/AP
 Sample : J5066-01
 Misc : 4.97G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Quant Time: Sep 26 04:14:10 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	221394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	335822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	162509	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132780	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
35) Dibromofluoromethane	7.89	113	106622	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.33	98	420219	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.62	95	145961	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	

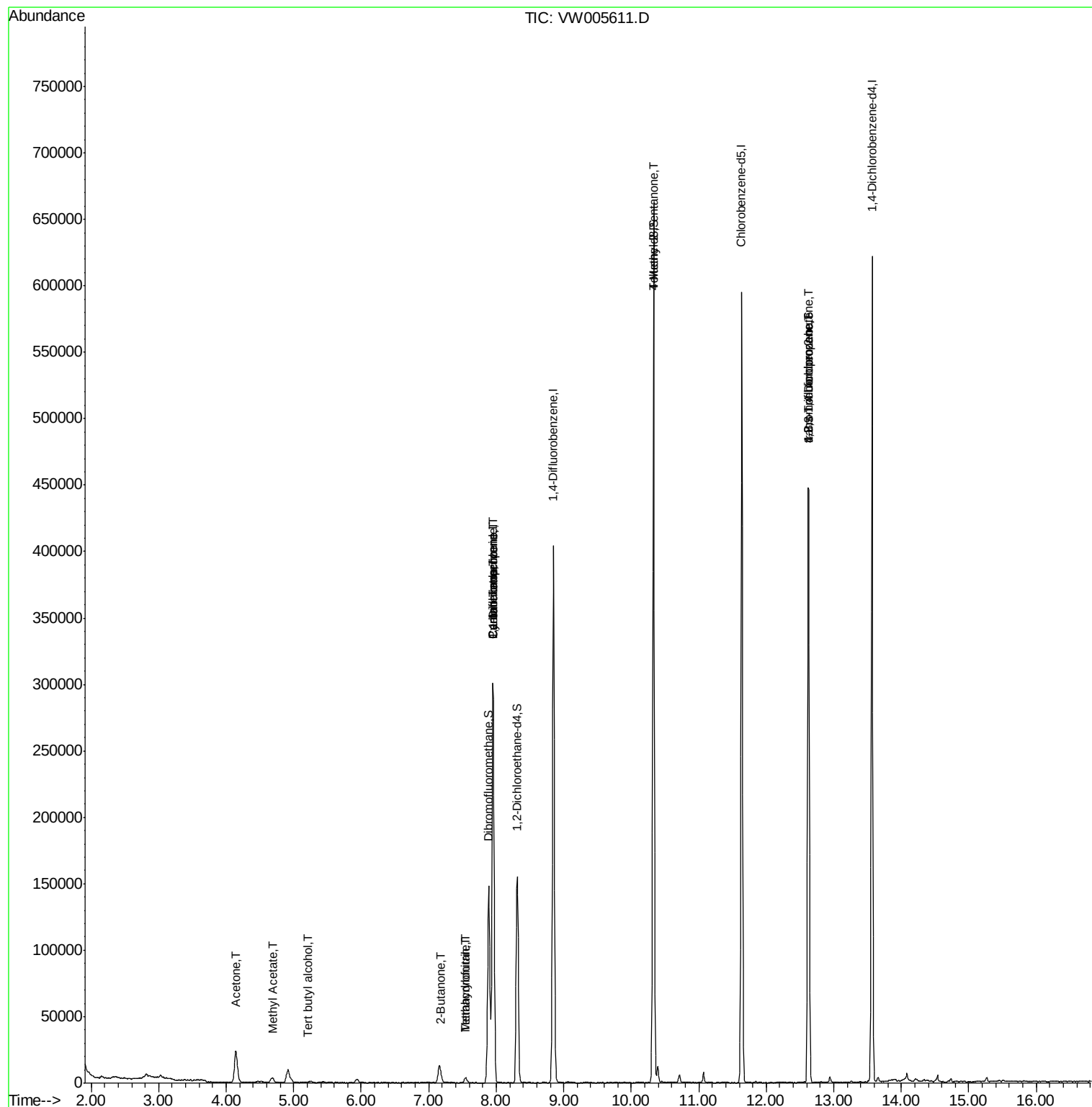
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	668	2.614	ug/l #	72
13) Acrolein	3.62	56	72	Below Cal	#	49
16) Acetone	4.14	43	46709	108.579	ug/l	96
18) Methyl Acetate	4.68	43	7598	6.146	ug/l	97
20) Methylene Chloride	4.92	84	7501	Below Cal		91
25) 2-Butanone	7.18	43	1641	2.591	ug/l	95
29) Tetrahydrofuran	7.54	42	2856	7.217	ug/l	94
31) Cyclohexane	7.95	56	4887	1.209	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16888	4.996	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22533	6.220	ug/l #	15
41) Methacrylonitrile	7.54	41	2148	2.653	ug/l #	50
51) 4-Methyl-2-Pentanone	10.32	43	2119	1.504	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	77672	56.070	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77672	126.286	ug/l #	7

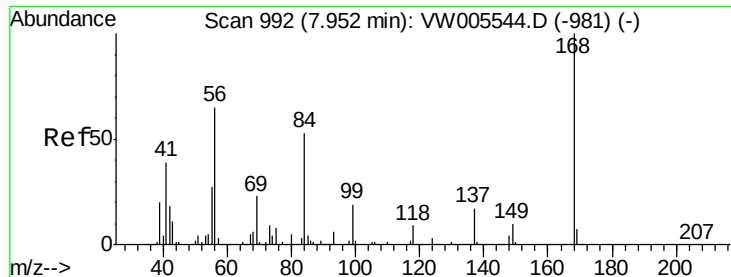
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092518\
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BFB

Quant Time: Sep 26 04:14:10 2018
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005611.D

Acq: 25 Sep 2018 15:18

Instrument :

MSVOA_W

ClientSampled :

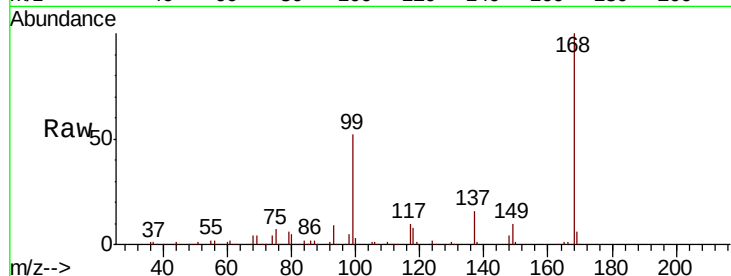
BFB

Tgt Ion: 168 Resp: 221394

Ion Ratio Lower Upper

168 100

99 52.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

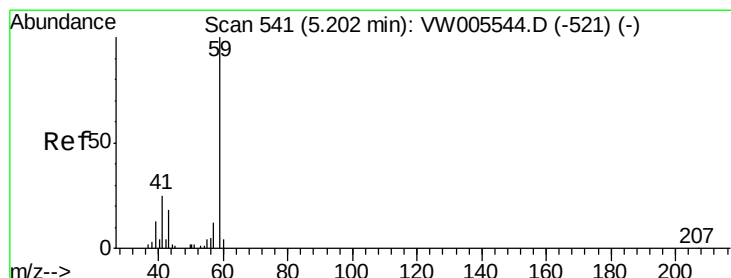
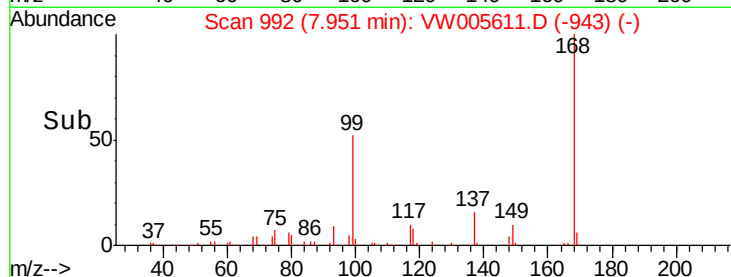
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.614 ug/l

RT: 5.21 min Scan# 543

Delta R.T. 0.01 min

Lab File: VW005611.D

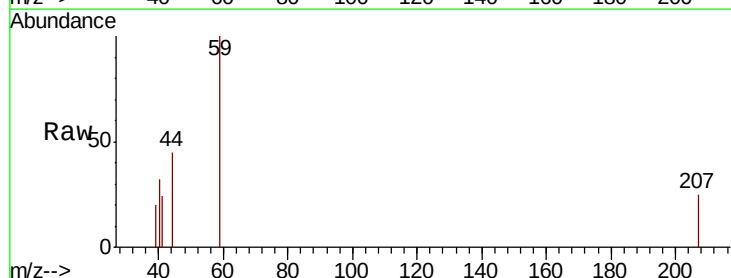
Acq: 25 Sep 2018 15:18

Tgt Ion: 59 Resp: 668

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.21

500

400

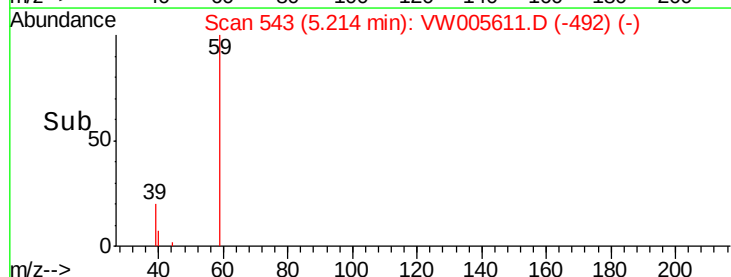
300

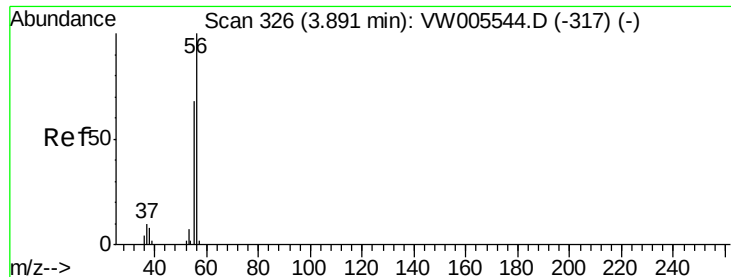
200

100

0

Time-->

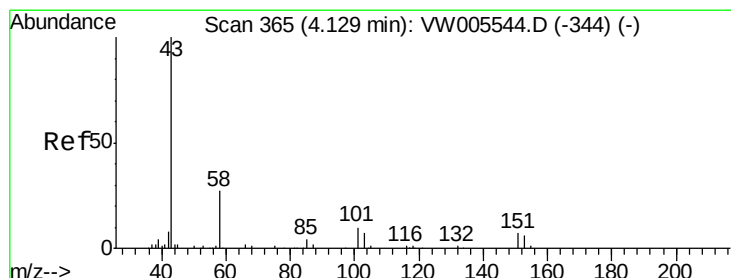
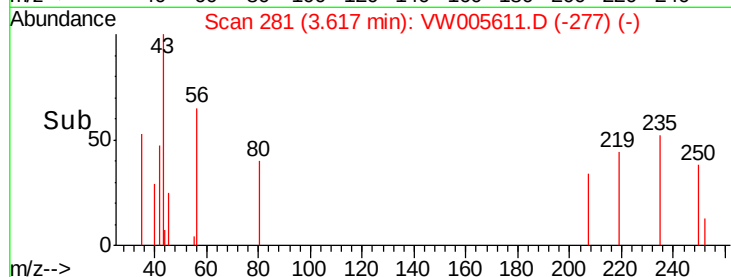
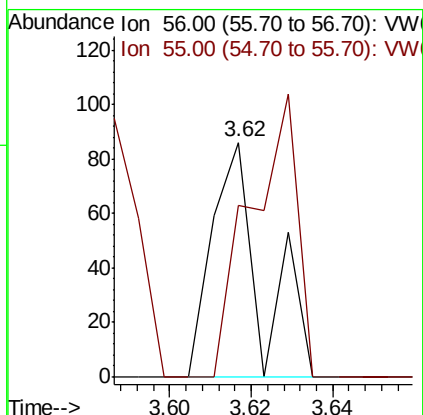
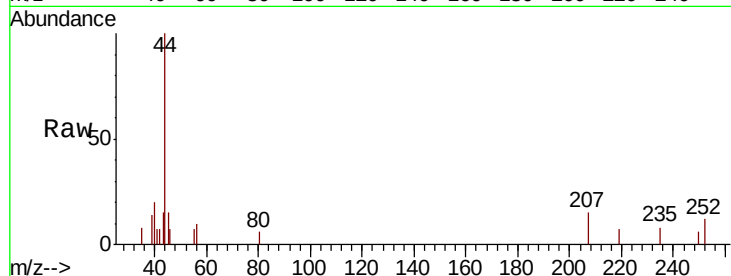




#13
Acrolein
Concen: Below Cal
RT: 3.62 min Scan# 281
Delta R.T. -0.27 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

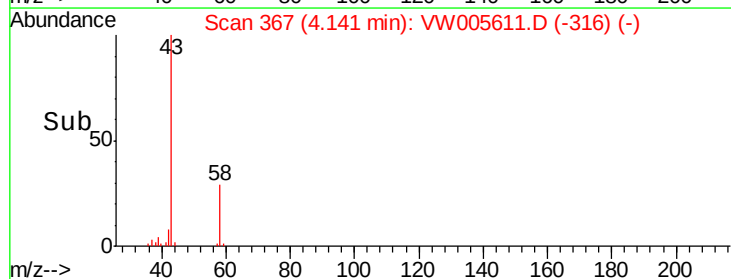
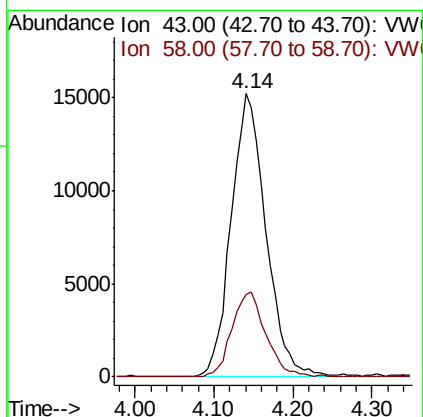
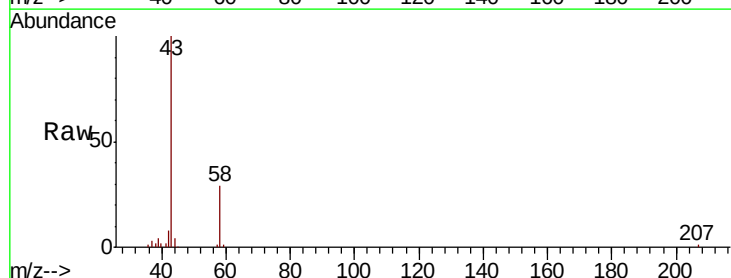
Instrument :
MSVOA_W
ClientSampled :
BFB

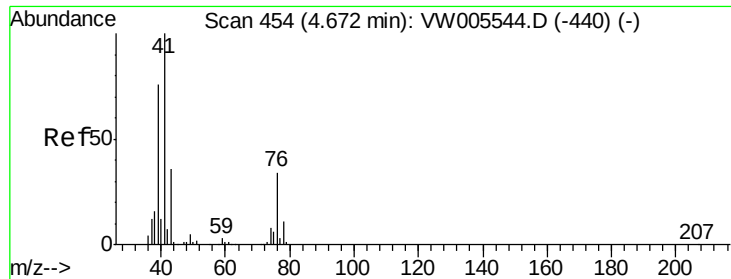
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 115.3 57.8 86.8#



#16
Acetone
Concen: 108.579 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Tgt Ion: 43 Resp: 46709
Ion Ratio Lower Upper
43 100
58 29.3 21.8 32.8

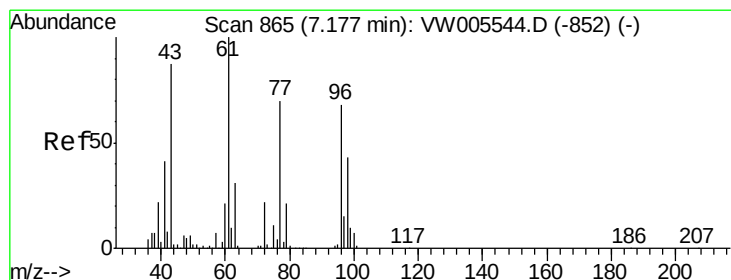
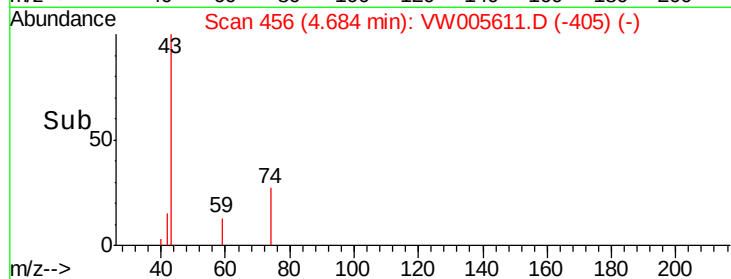
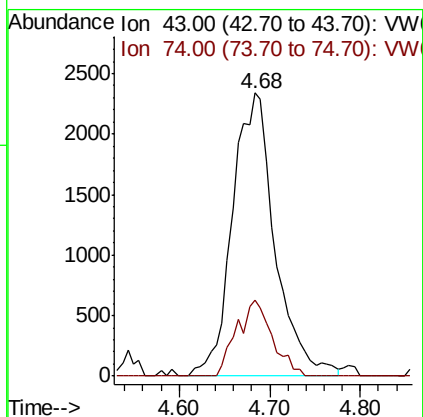
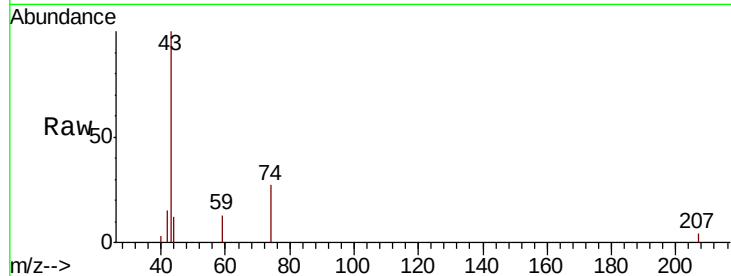




#18
Methyl Acetate
Concen: 6.146 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

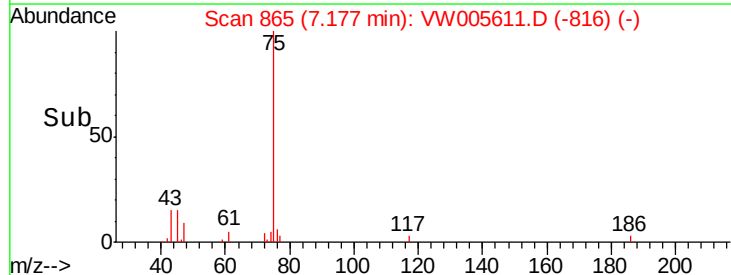
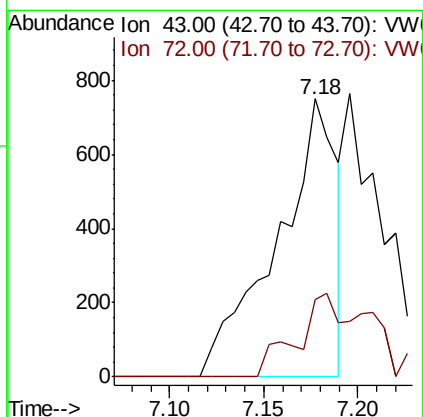
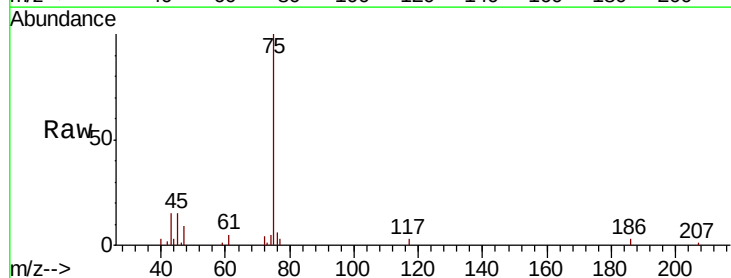
Instrument :
MSVOA_W
ClientSampled :
BFB

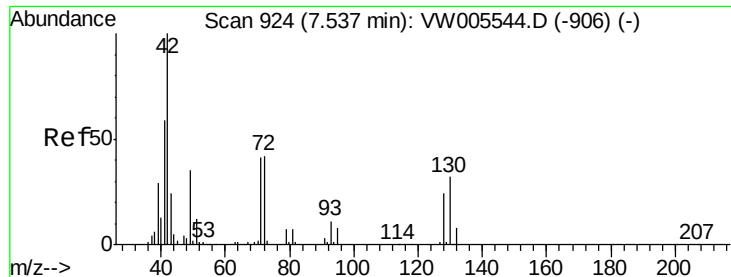
Tgt Ion: 43 Resp: 7598
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8



#25
2-Butanone
Concen: 2.591 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
72 27.6 19.9 29.9





#29

Tetrahydrofuran

Concen: 7.217 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005611.D

Acq: 25 Sep 2018 15:18

Instrument :

MSVOA_W

ClientSampled :

BFB

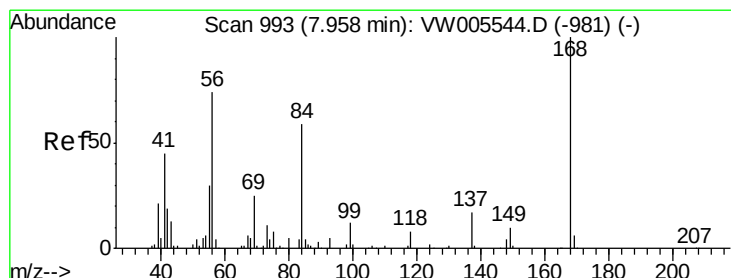
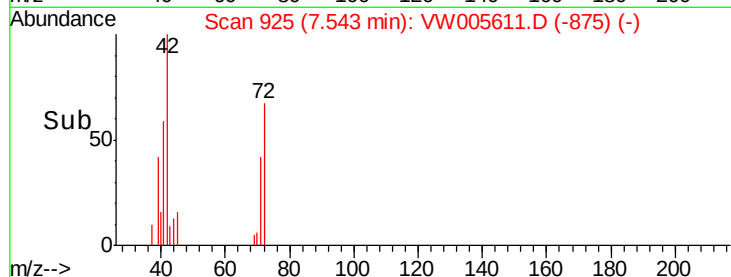
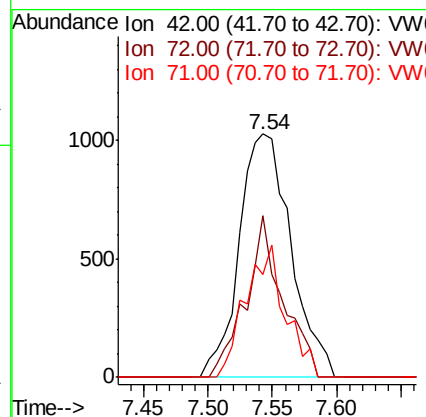
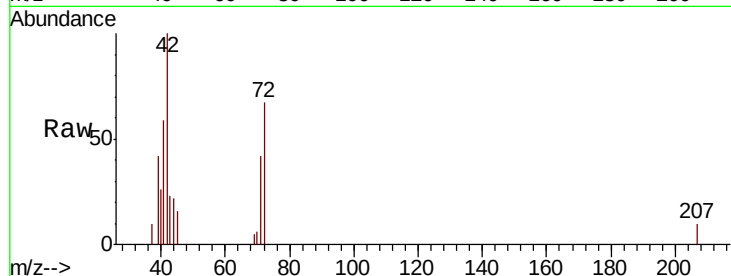
Tgt Ion: 42 Resp: 2856

Ion Ratio Lower Upper

42 100

72 47.3 33.6 50.4

71 41.8 31.8 47.6



#31

Cyclohexane

Concen: 1.209 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005611.D

Acq: 25 Sep 2018 15:18

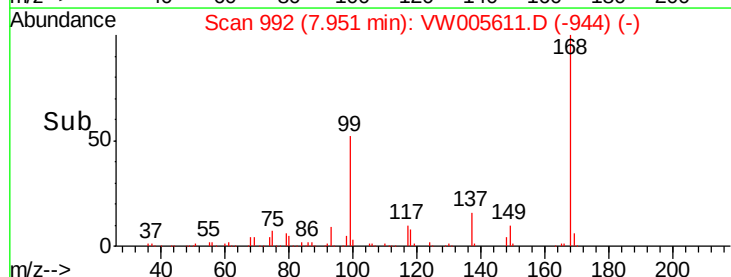
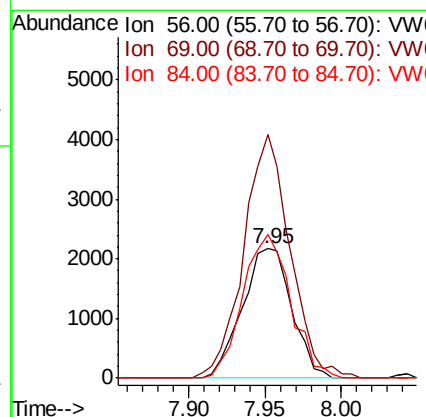
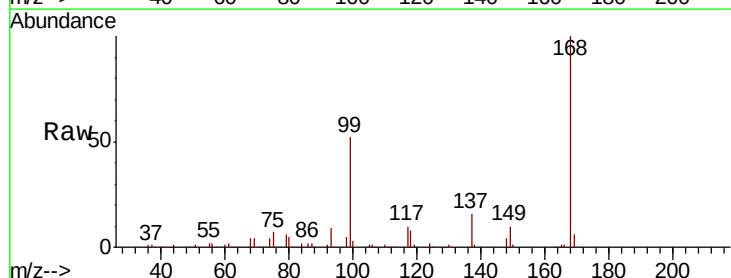
Tgt Ion: 56 Resp: 4887

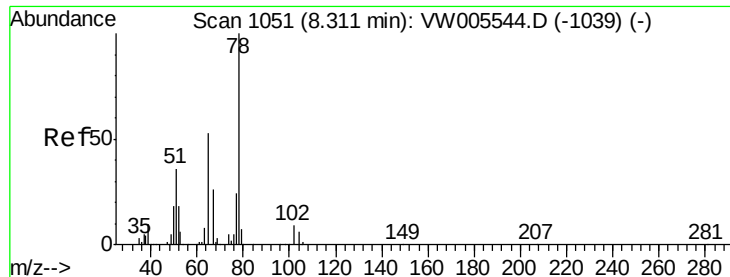
Ion Ratio Lower Upper

56 100

69 188.3 27.0 40.4#

84 111.3 64.2 96.4#

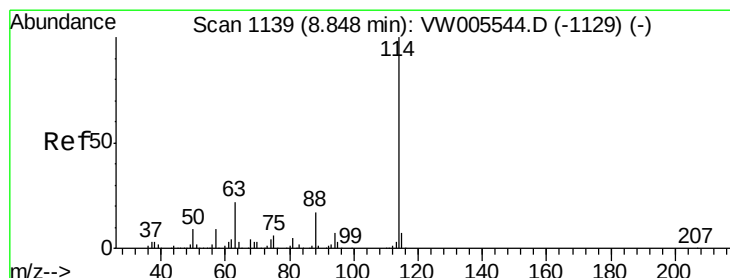
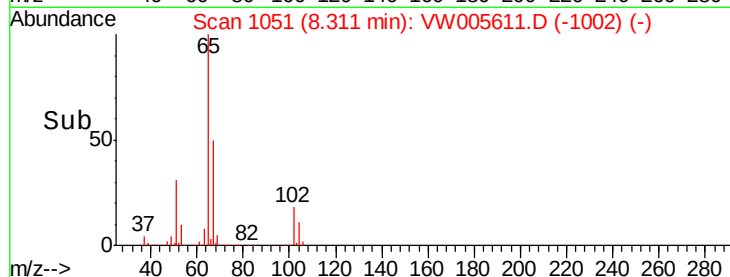
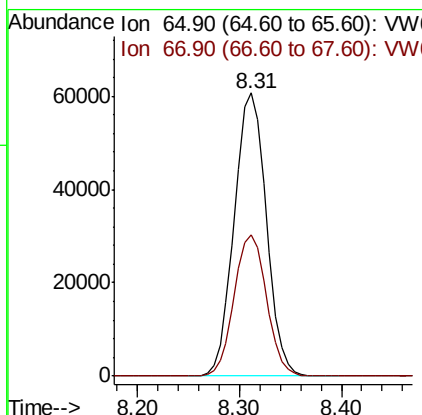
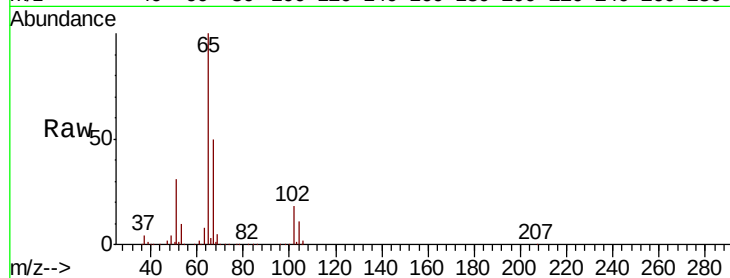




#33
 1,2-Dichloroethane-d4
 Concen: 50.909 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

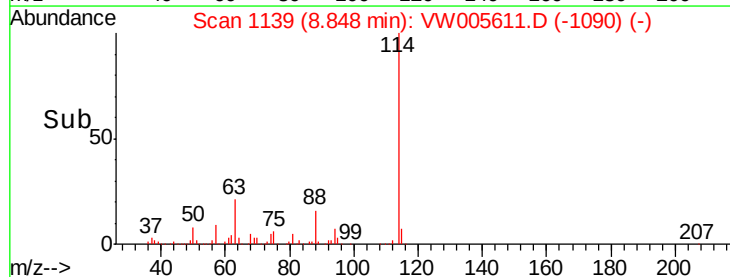
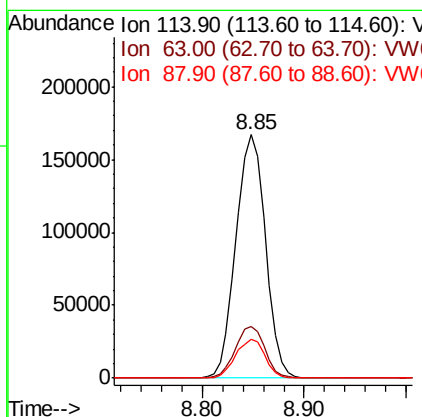
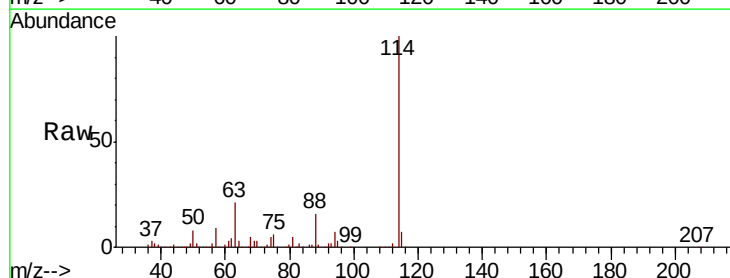
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

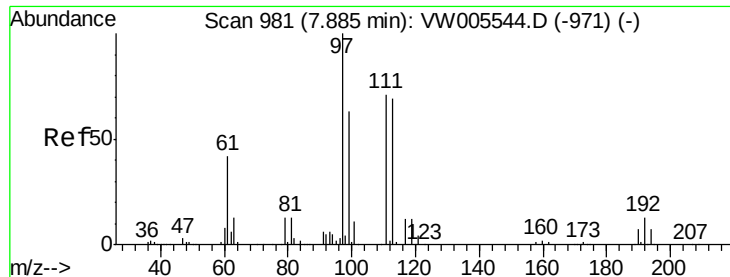
Tgt Ion: 65 Resp: 132780
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

Tgt Ion: 114 Resp: 335822
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 16.2 0.0 33.0

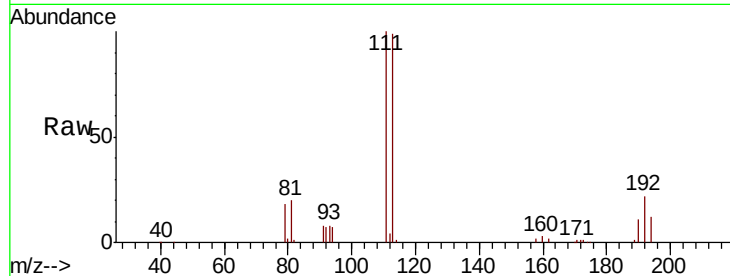




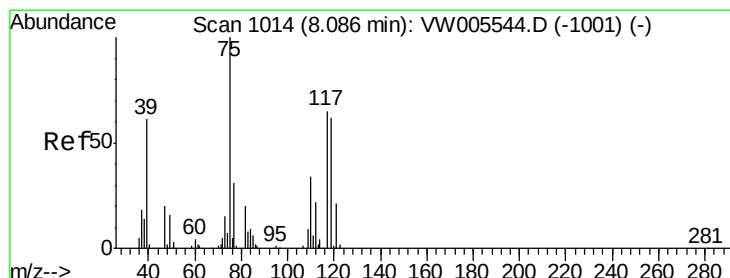
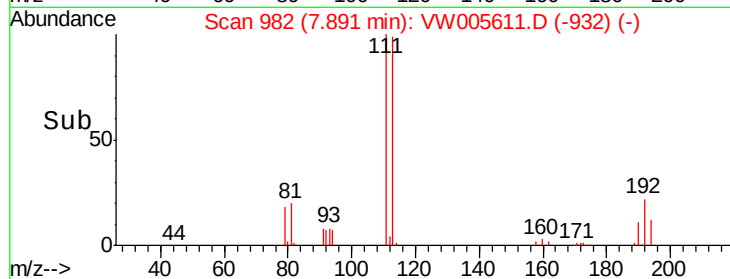
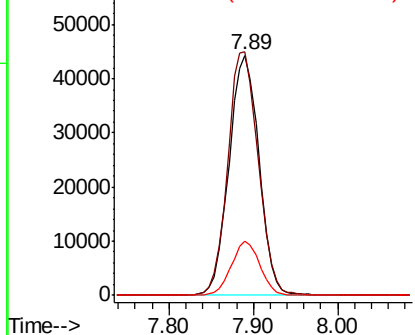
#35
 Dibromofluoromethane
 Concen: 50.487 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	123.8
192	21.5	17.0	25.4

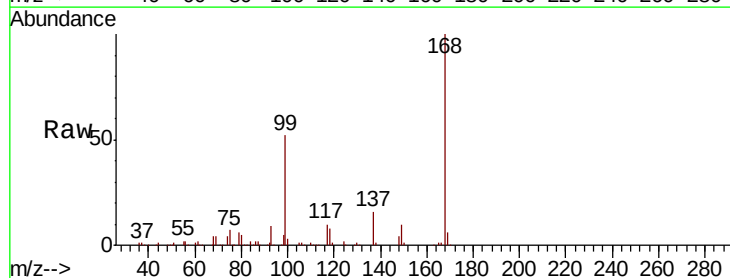


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

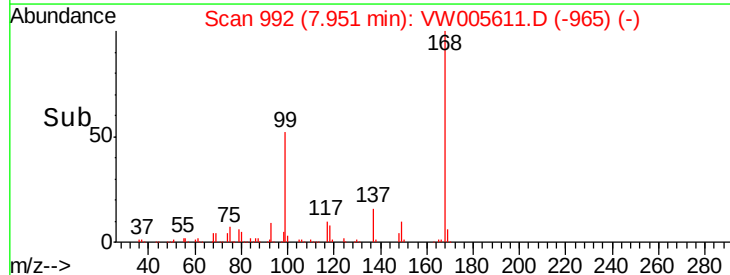
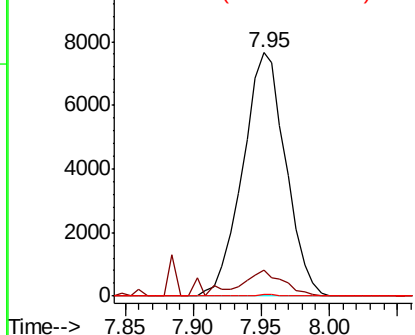


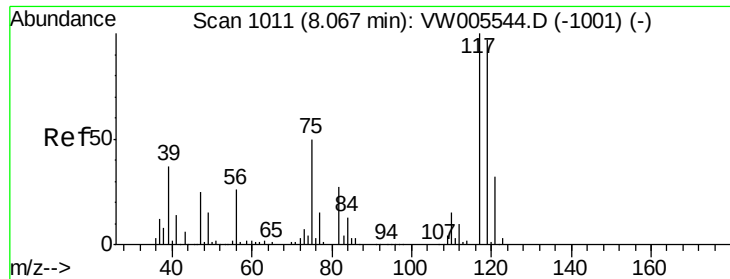
#36
 1,1-Dichloropropene
 Concen: 4.996 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.0	50.9#
77	0.3	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

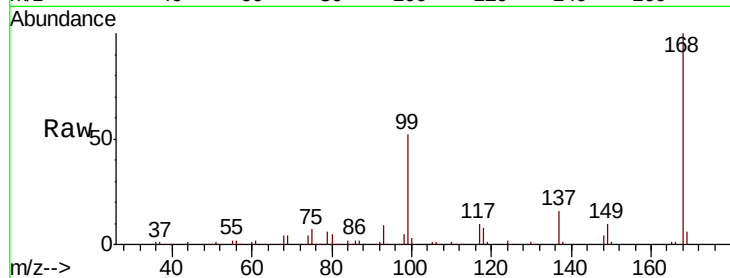




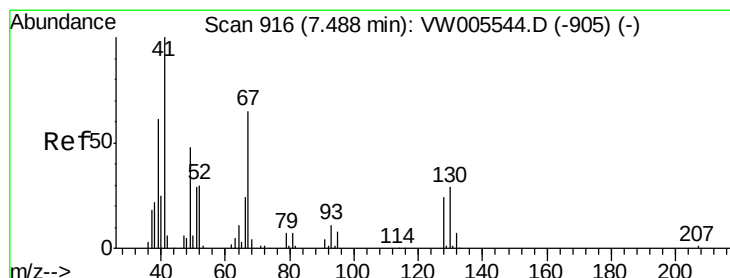
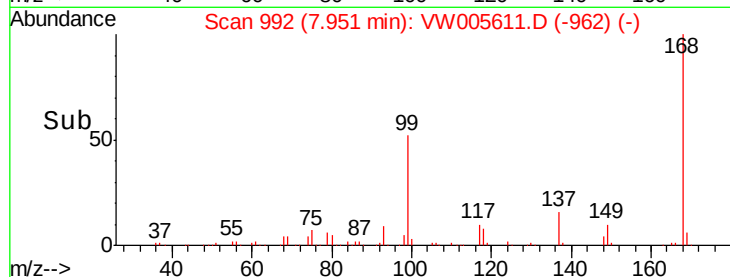
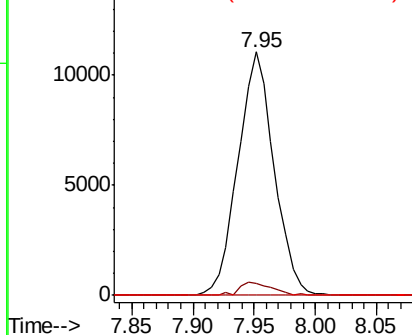
#38
Carbon Tetrachloride
Concen: 6.220 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Instrument :
MSVOA_W
ClientSampled :
BFB

Tgt Ion: 117 Resp: 22533
Ion Ratio Lower Upper
117 100
119 5.1 77.6 116.4#
121 0.0 25.7 38.5#

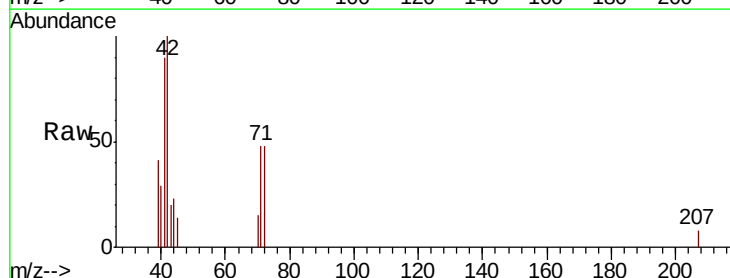


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

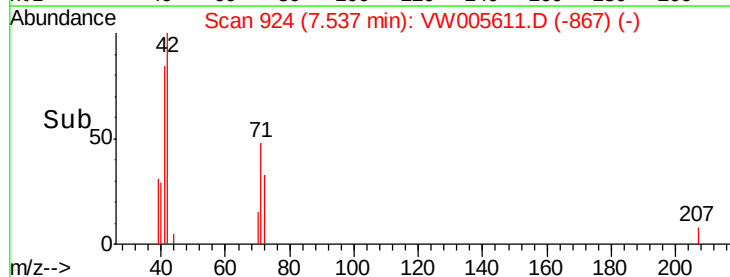
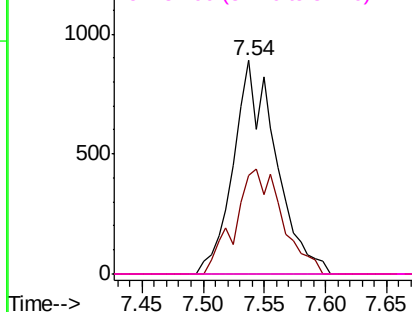


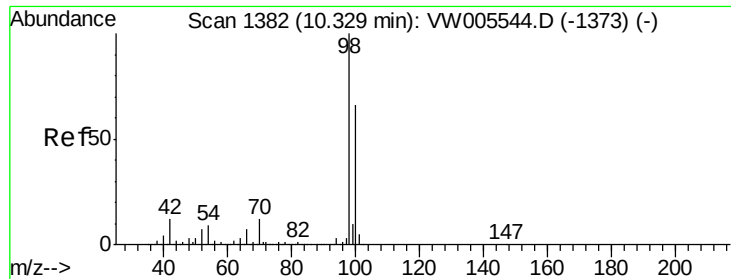
#41
Methacrylonitrile
Concen: 2.653 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Tgt Ion: 41 Resp: 2148
Ion Ratio Lower Upper
41 100
39 54.9 45.4 68.2
67 0.0 55.2 82.8#
52 0.0 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

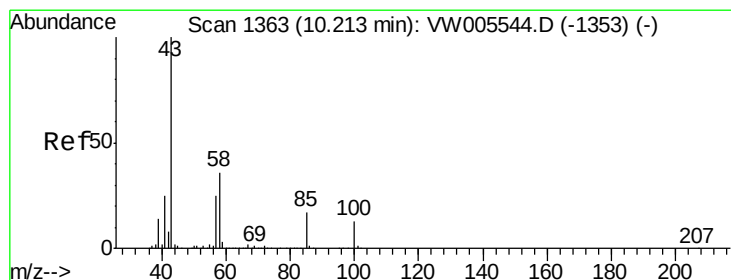
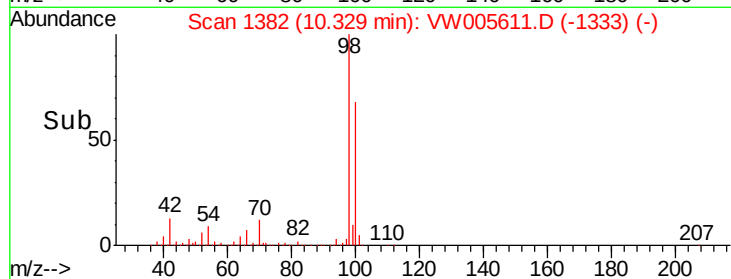
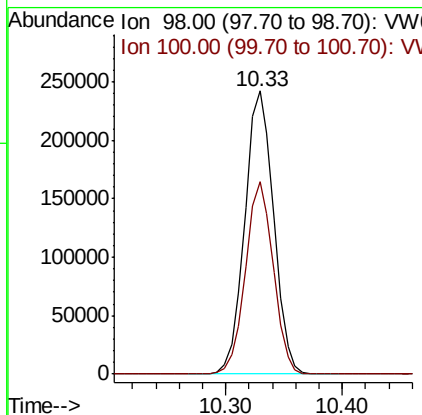
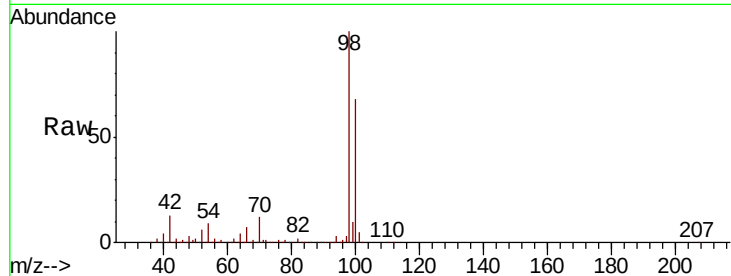




#50
Toluene-d8
Concen: 48.868 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

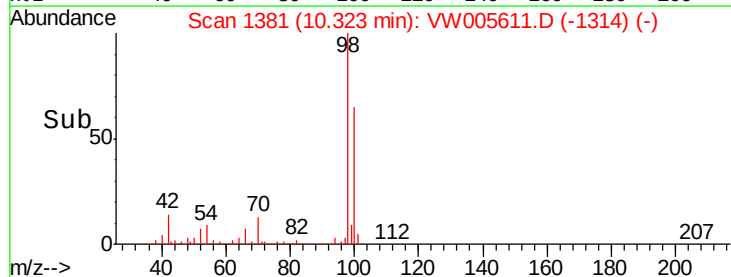
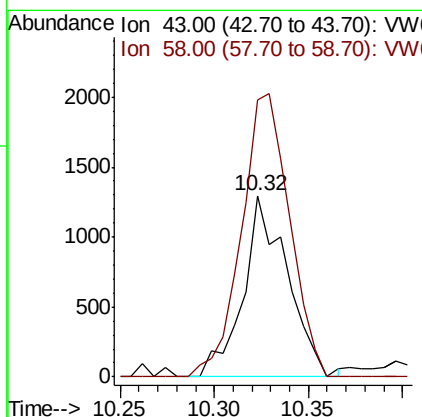
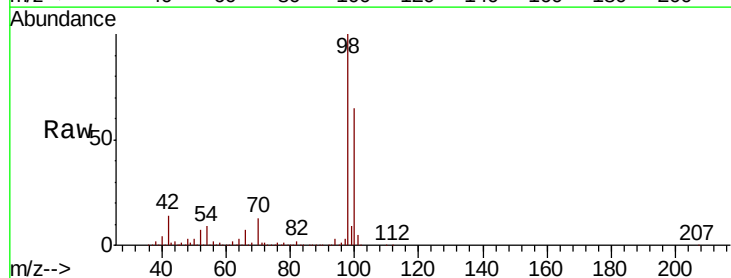
Instrument :
MSVOA_W
ClientSampled :
BFB

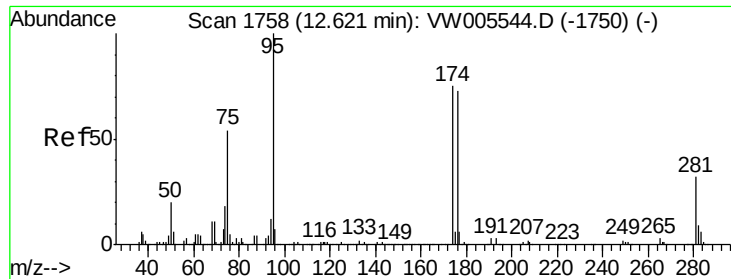
Tgt Ion: 98 Resp: 420219
Ion Ratio Lower Upper
98 100
100 65.5 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.504 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Tgt Ion: 43 Resp: 2119
Ion Ratio Lower Upper
43 100
58 169.2 30.0 45.0#

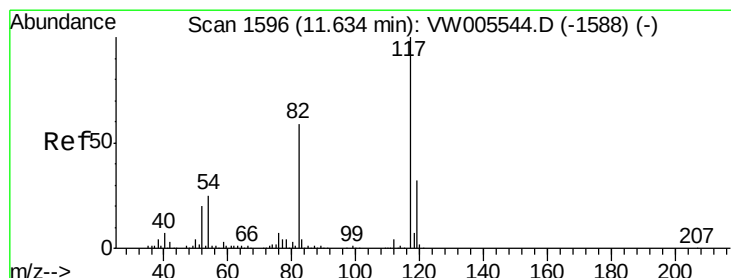
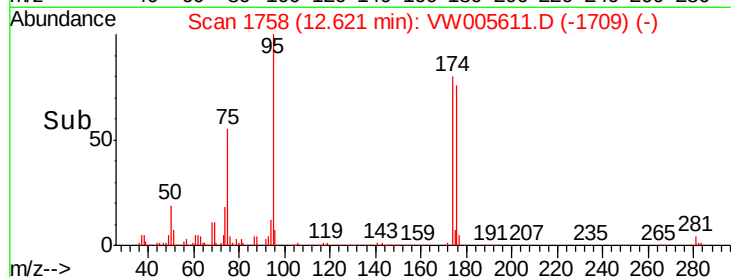
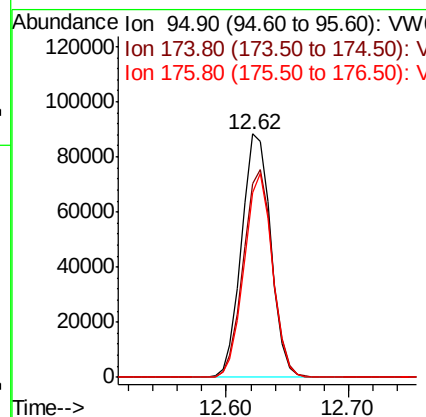
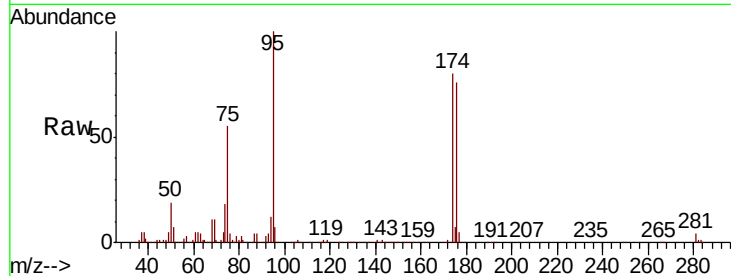




#62
4-Bromofluorobenzene
Concen: 45.873 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

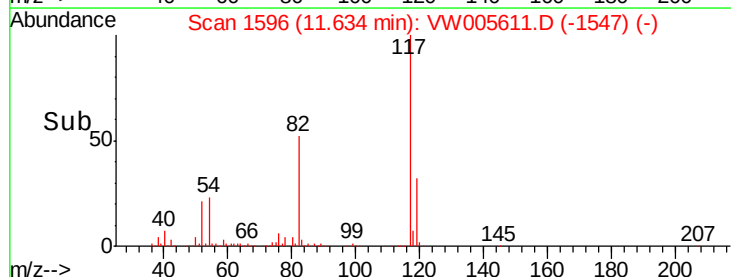
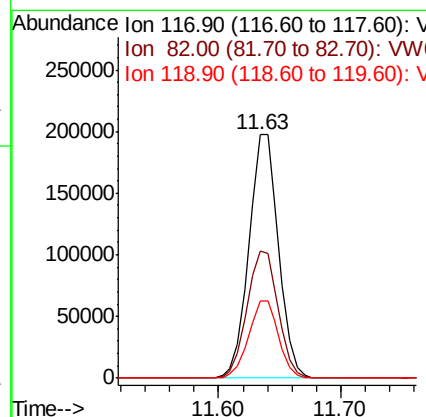
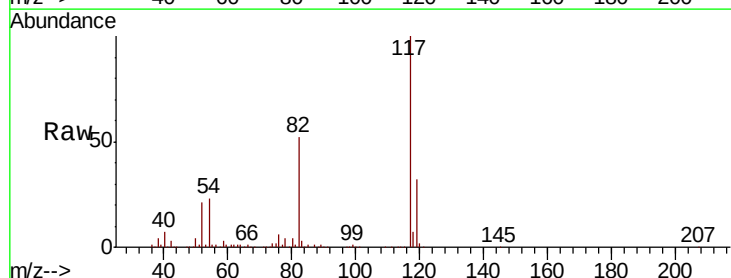
Instrument :
MSVOA_W
ClientSampleId :
BFB

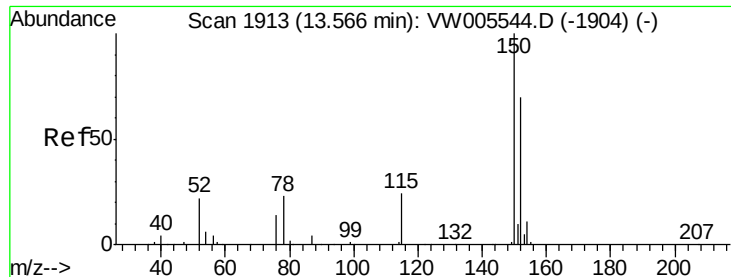
Tgt Ion: 95 Resp: 145961
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.8
176 81.2 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005611.D
Acq: 25 Sep 2018 15:18

Tgt Ion: 117 Resp: 332171
Ion Ratio Lower Upper
117 100
82 52.4 46.9 70.3
119 31.8 25.7 38.5

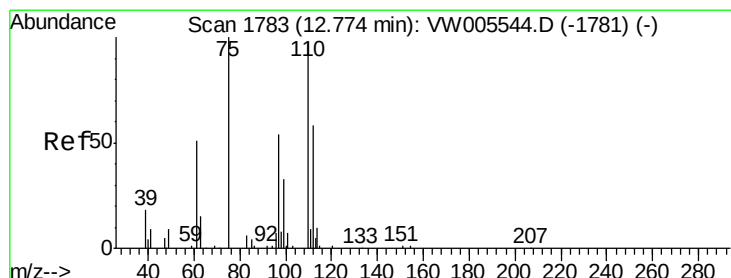
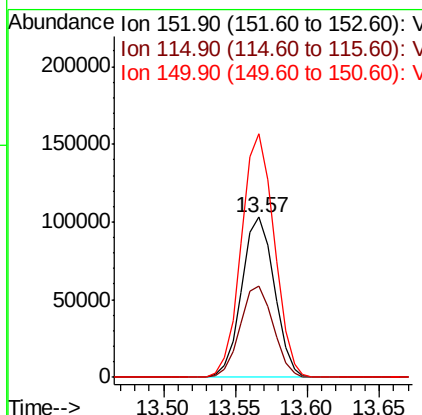
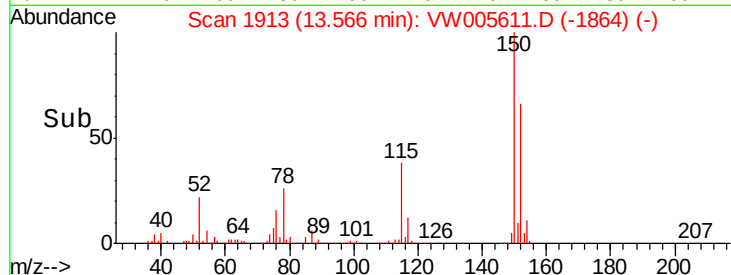
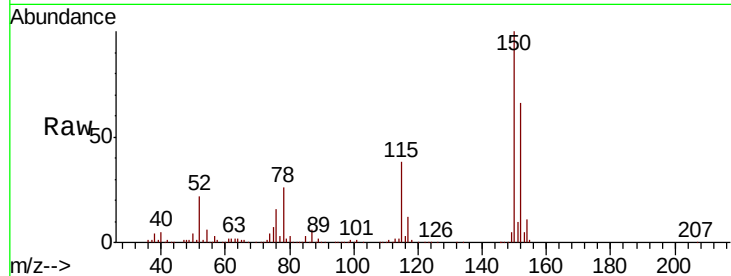




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

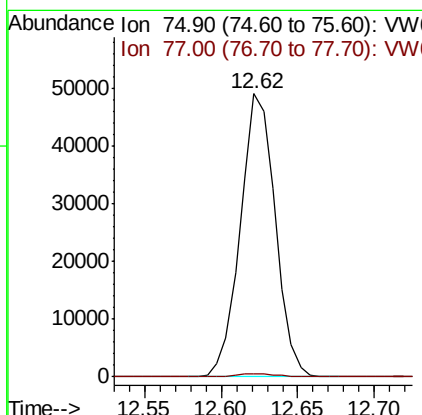
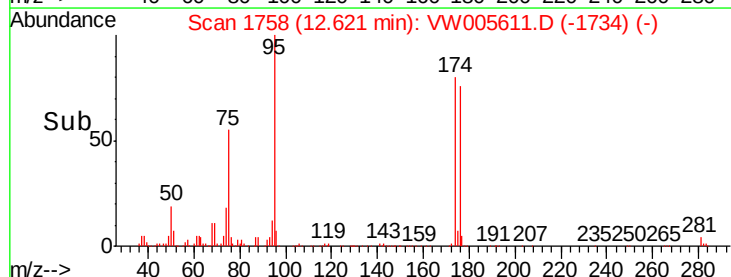
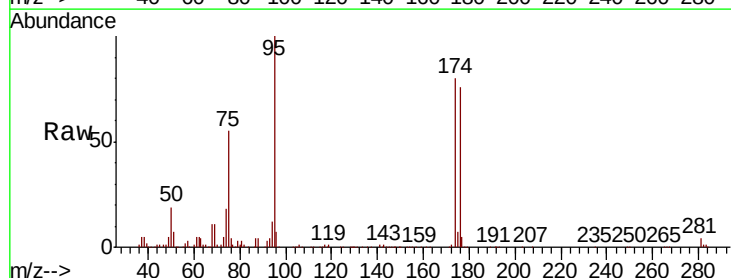
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB

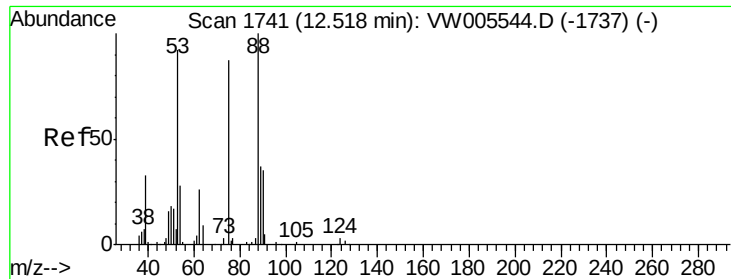
Tgt Ion:152 Resp: 162509
 Ion Ratio Lower Upper
 152 100
 115 57.8 30.0 90.0
 150 153.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 56.070 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005611.D
 Acq: 25 Sep 2018 15:18

Tgt Ion: 75 Resp: 77672
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 126.286 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005611.D

Acq: 25 Sep 2018 15:18

Instrument :

MSVOA_W

ClientSampleId :

BFB

Tgt Ion: 75 Resp: 77672

Ion Ratio Lower Upper

75 100

53 0.2 85.8 128.6#

89 0.0 37.3 55.9#

