

Data File : VW010781.D
Acq On : 12 Jun 2019 16:38
Operator : SY/VA
Sample : K3271-01
Misc : 6.06G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BAT-B1

Quant Time: Jun 13 07:38:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	338478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	137205	60.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.08%	
35) Dibromofluoromethane	7.88	113	99715	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
50) Toluene-d8	10.32	98	440471	54.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.34%	
62) 4-Bromofluorobenzene	12.62	95	145861	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

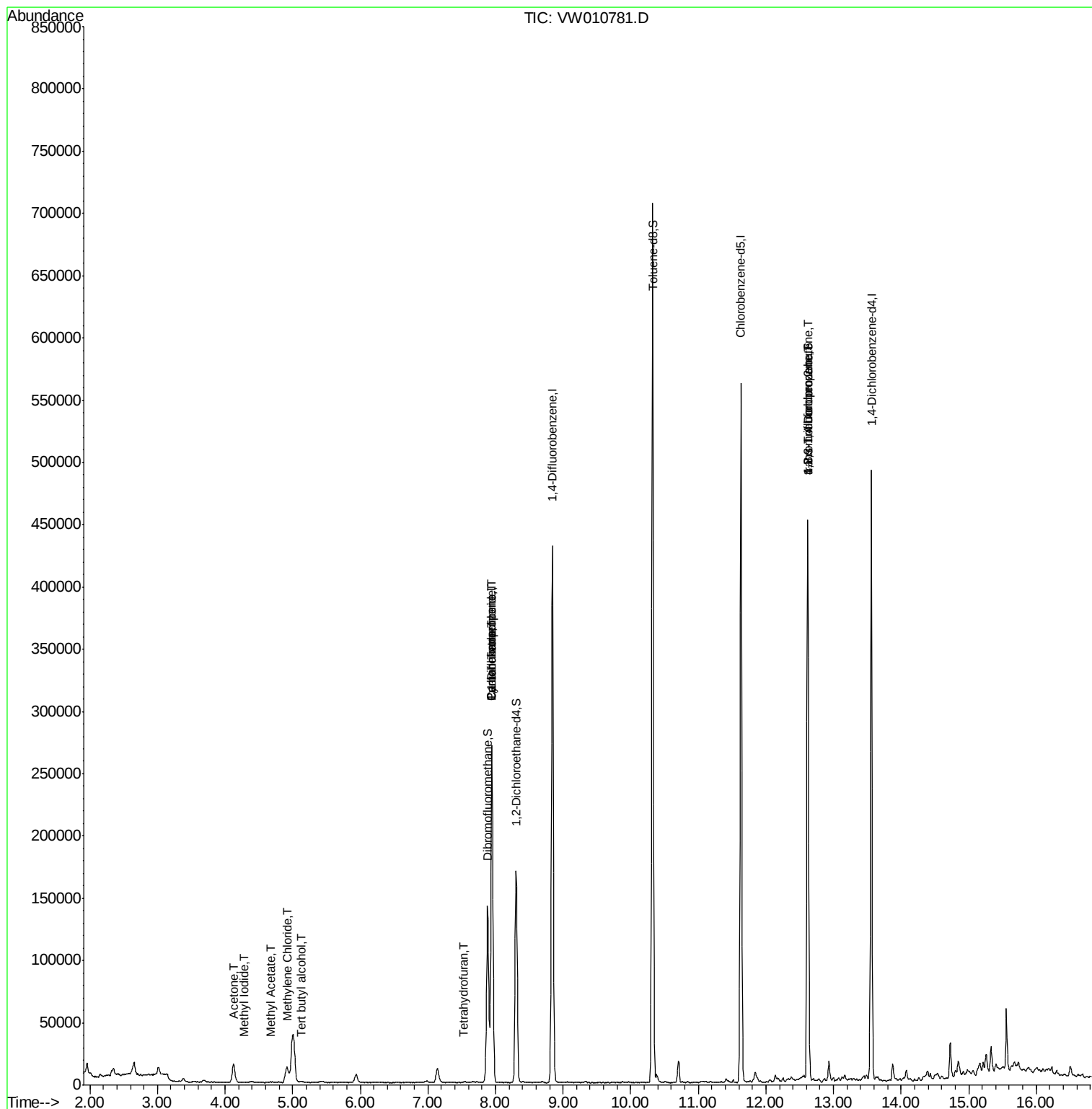
						Qvalue
10) Methyl Iodide	4.28	142	95	4.842	ug/l #	41
11) Tert butyl alcohol	5.12	59	657	3.558	ug/l #	72
16) Acetone	4.13	43	27842	45.849	ug/l	97
18) Methyl Acetate	4.67	43	1371	1.049	ug/l #	55
20) Methylene Chloride	4.92	84	8396	3.941	ug/l	93
29) Tetrahydrofuran	7.54	42	633	1.195	ug/l #	59
31) Cyclohexane	7.95	56	5322	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17391	5.019	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19512	6.524	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	79496	65.655	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79496	150.898	ug/l #	5

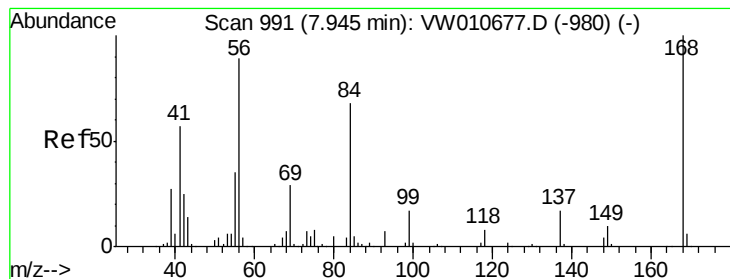
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010781.D

Acq: 12 Jun 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

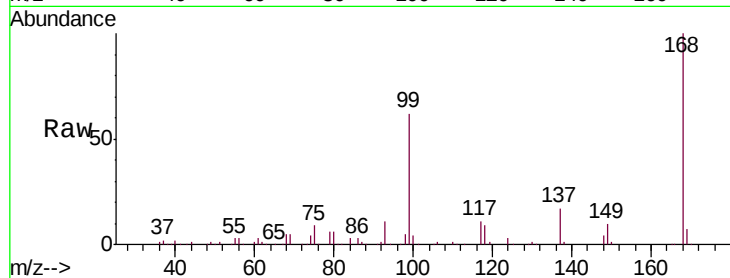
BAT-B1

Tgt Ion:168 Resp: 192277

Ion Ratio Lower Upper

168 100

99 62.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

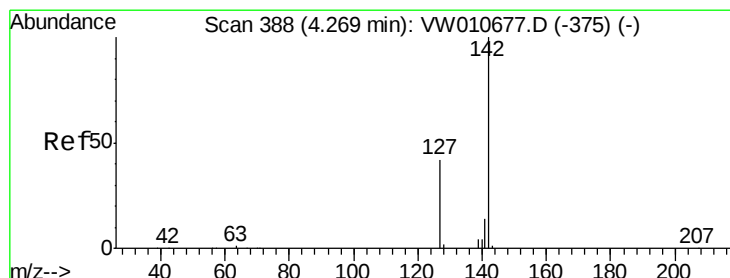
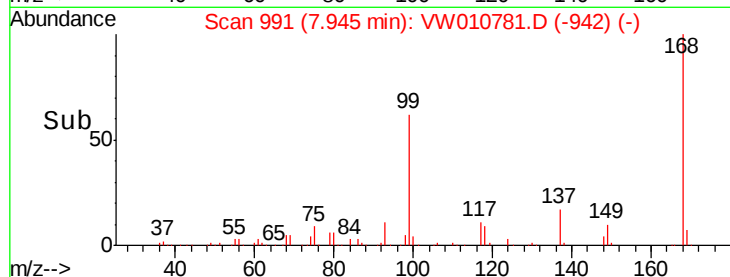
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#10

Methyl Iodide

Concen: 4.842 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010781.D

Acq: 12 Jun 2019 16:38

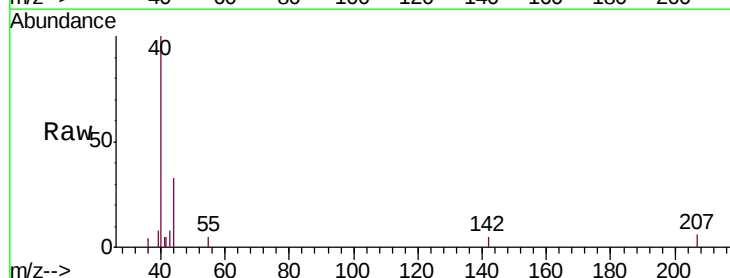
Tgt Ion:142 Resp: 95

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.28

100

80

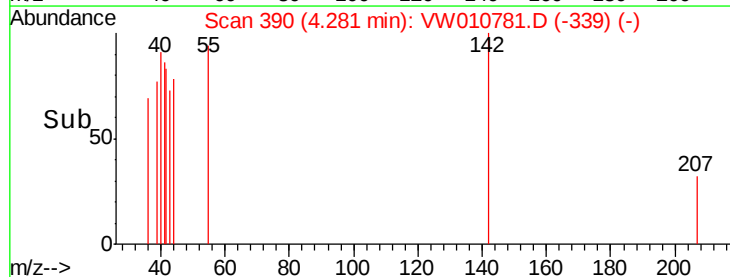
60

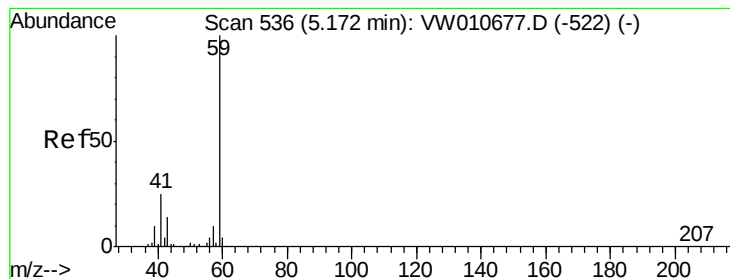
40

20

0

Time--> 4.26 4.28 4.30 4.32



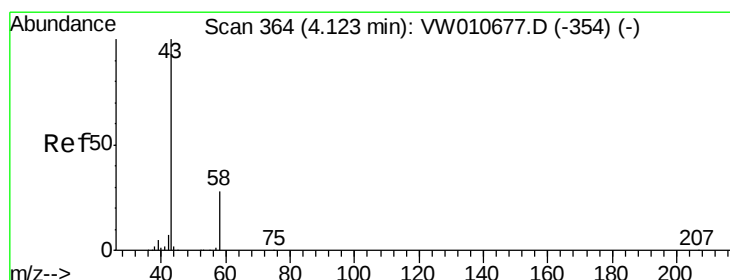
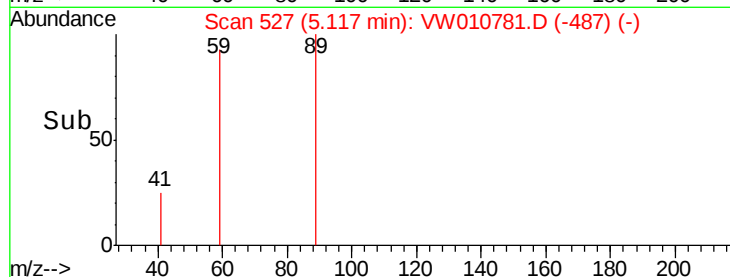
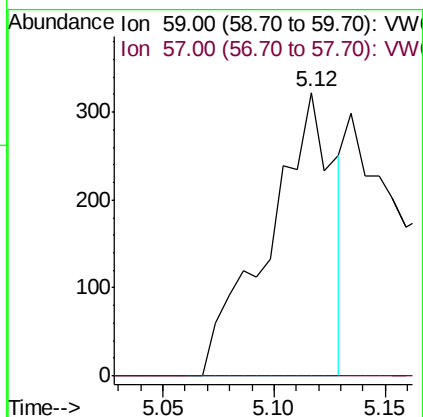
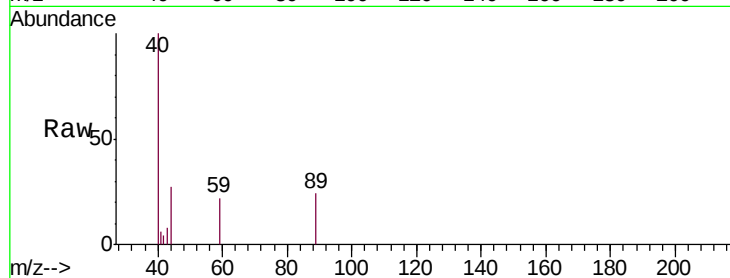


#11

Tert butyl alcohol
Concen: 3.558 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.06 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Instrument :
MSVOA_W
ClientSampled :
BAT-B1

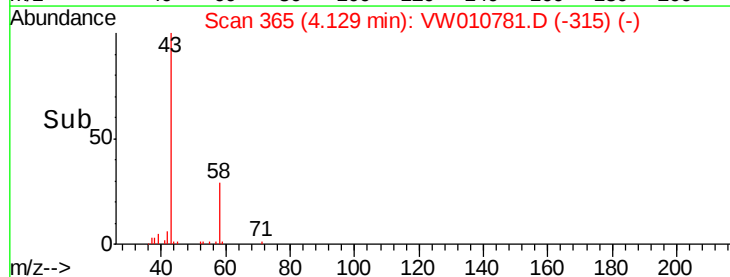
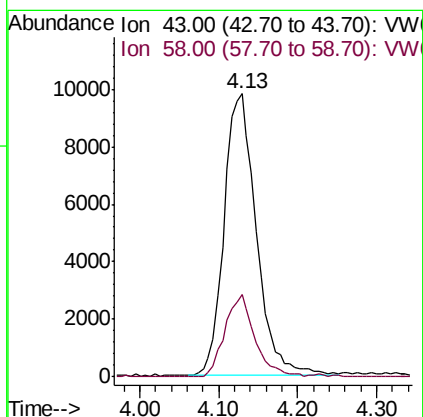
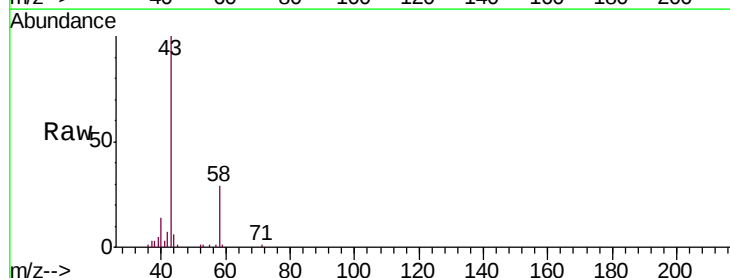
Tgt Ion: 59 Resp: 657
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

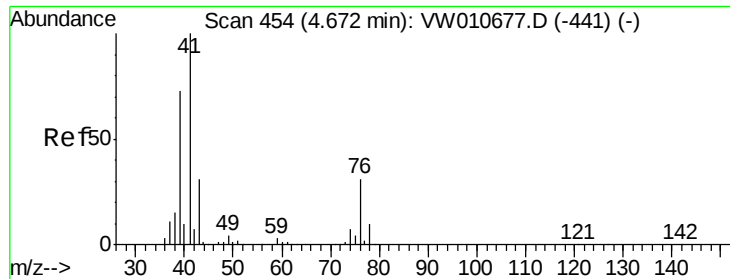


#16

Acetone
Concen: 45.849 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Tgt Ion: 43 Resp: 27842
Ion Ratio Lower Upper
43 100
58 29.2 22.1 33.1

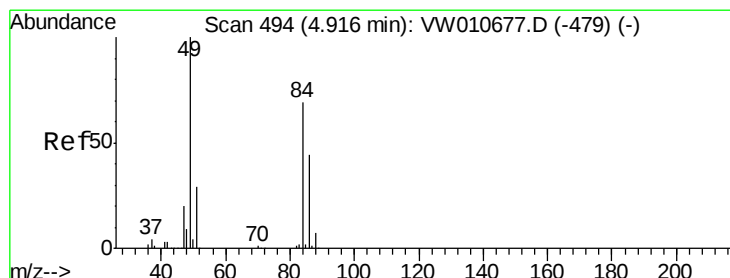
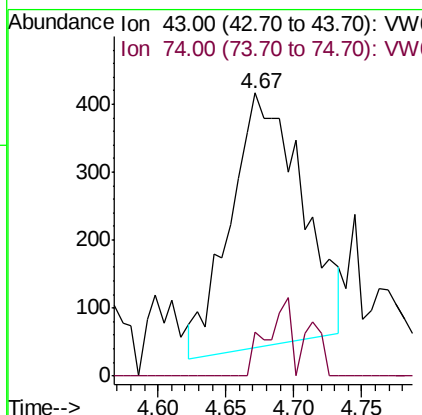
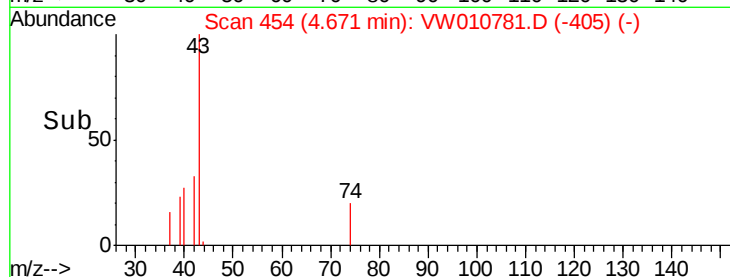
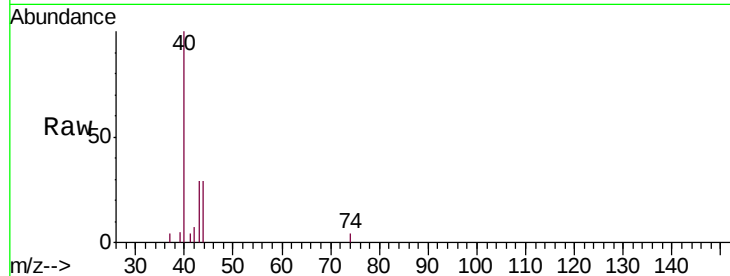




#18
Methyl Acetate
Concen: 1.049 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

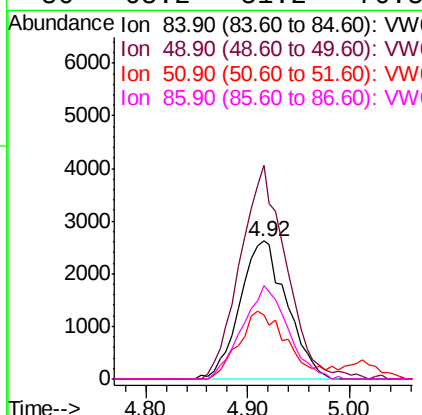
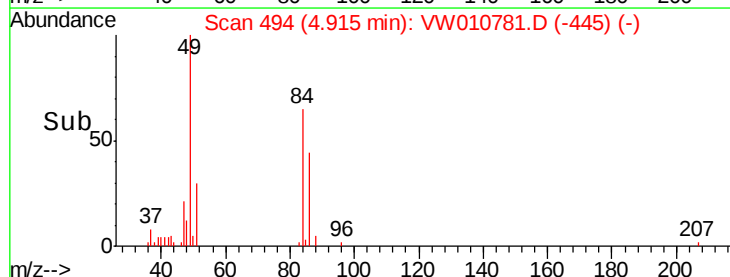
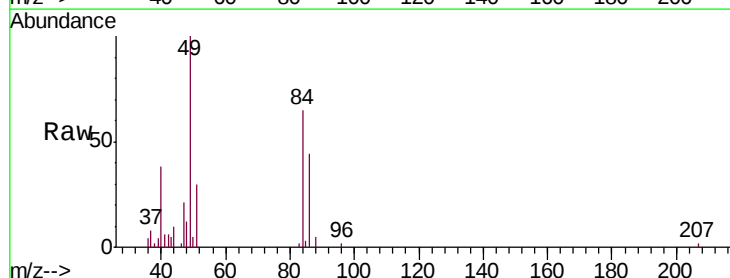
Instrument :
MSVOA_W
ClientSampled :
BAT-B1

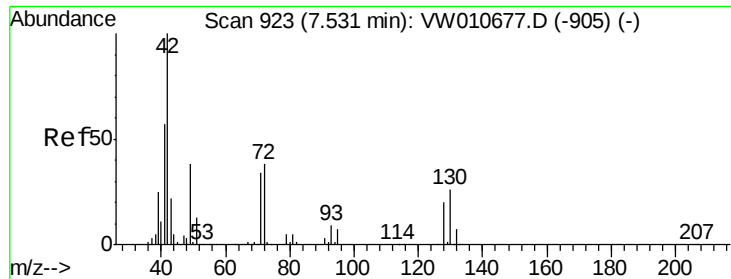
Tgt Ion: 43 Resp: 1371
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.941 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Tgt Ion: 84 Resp: 8396
Ion Ratio Lower Upper
84 100
49 155.0 116.7 175.1
51 46.4 34.2 51.2
86 68.2 51.2 76.8

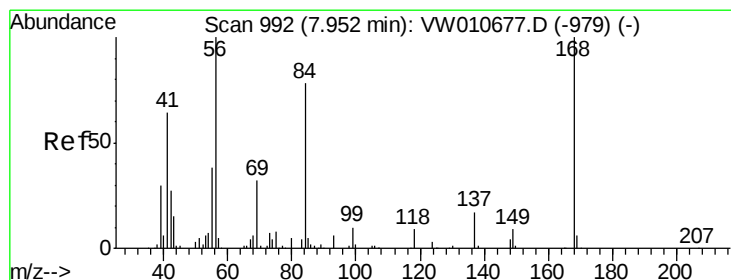
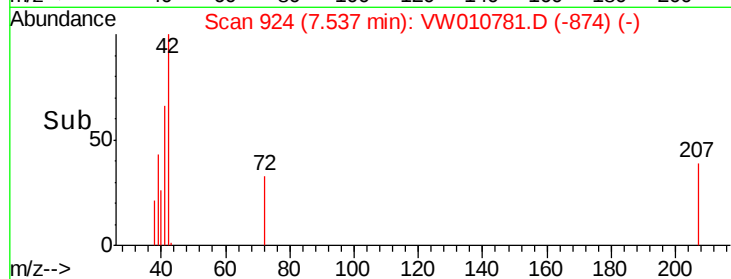
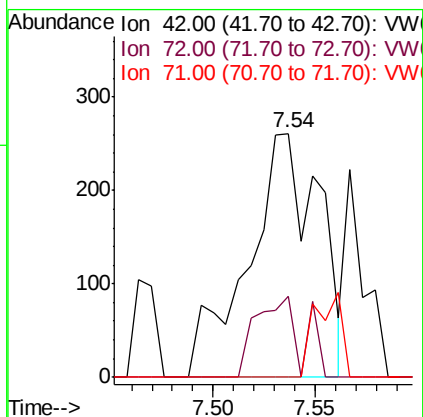
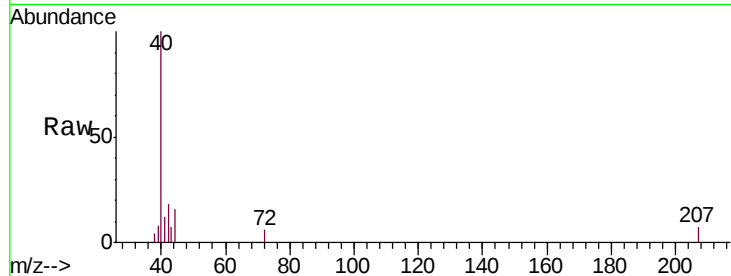




#29
Tetrahydrofuran
Concen: 1.195 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

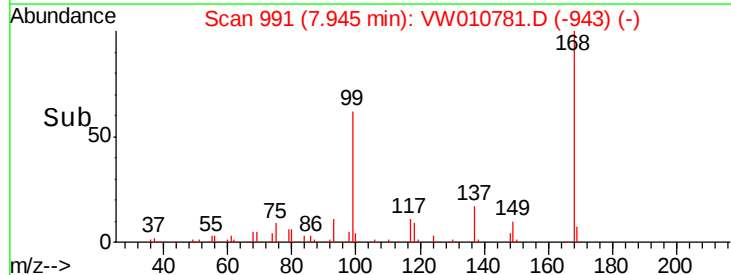
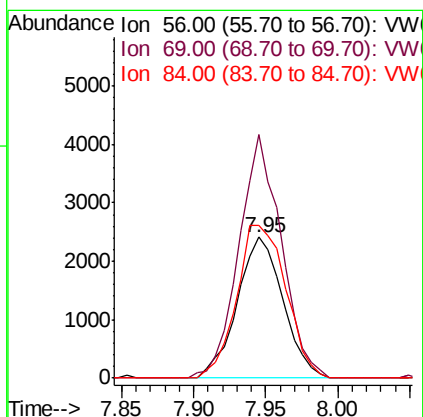
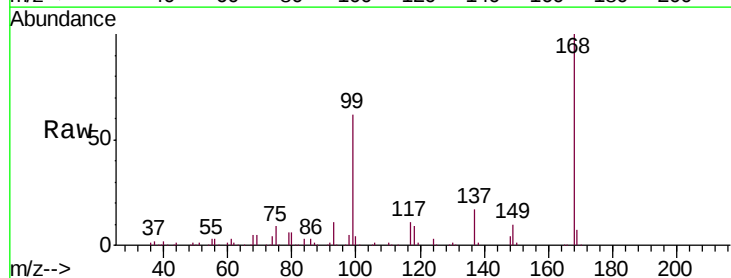
Instrument :
MSVOA_W
ClientSampleId :
BAT-B1

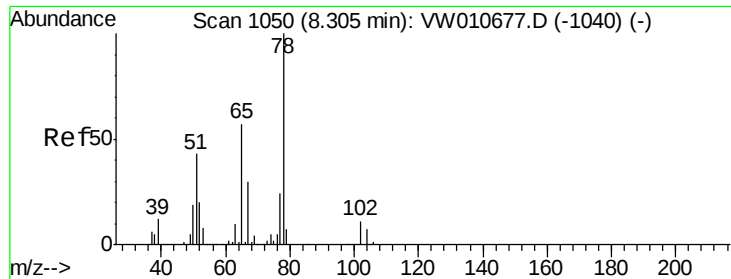
Tgt Ion: 42 Resp: 633
Ion Ratio Lower Upper
42 100
72 21.5 28.7 43.1#
71 0.0 26.6 39.8#



#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Tgt Ion: 56 Resp: 5322
Ion Ratio Lower Upper
56 100
69 172.8 25.2 37.8#
84 108.7 62.2 93.2#

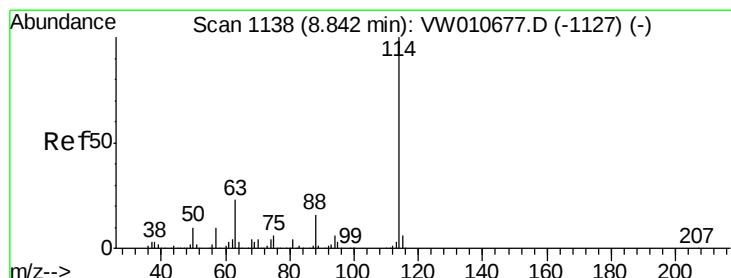
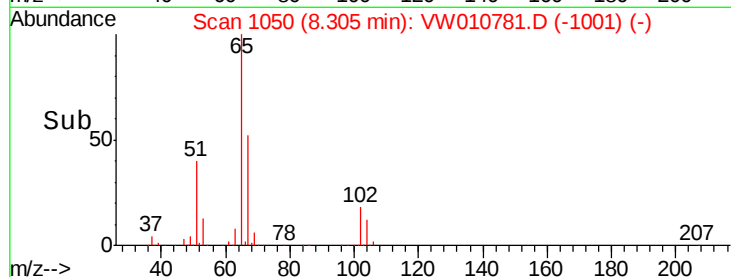
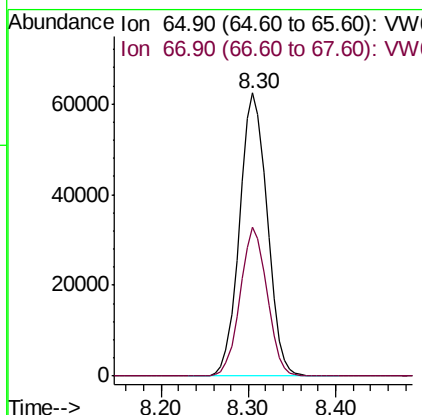
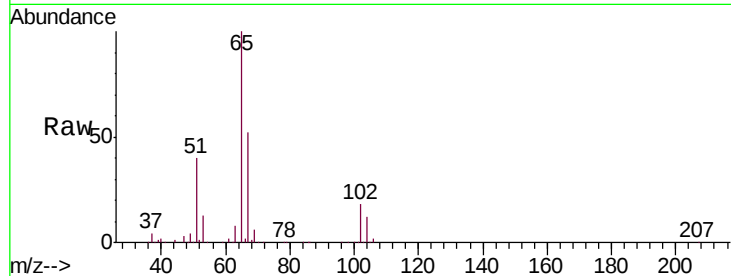




#33
 1,2-Dichloroethane-d4
 Concen: 60.541 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010781.D
 Acq: 12 Jun 2019 16:38

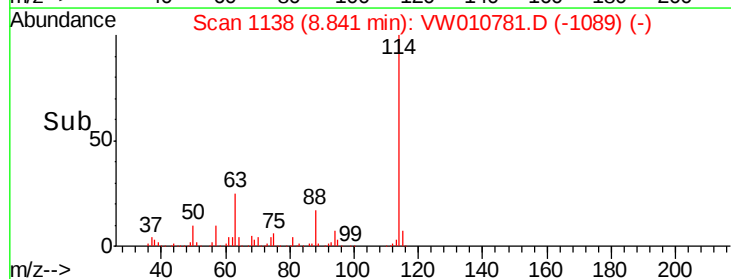
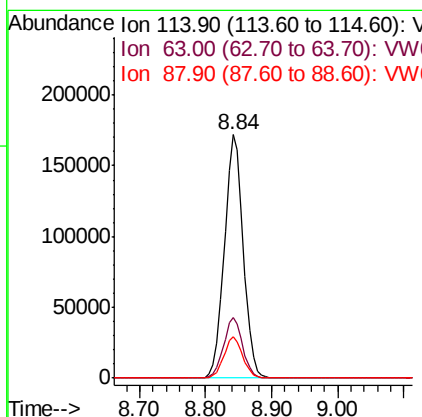
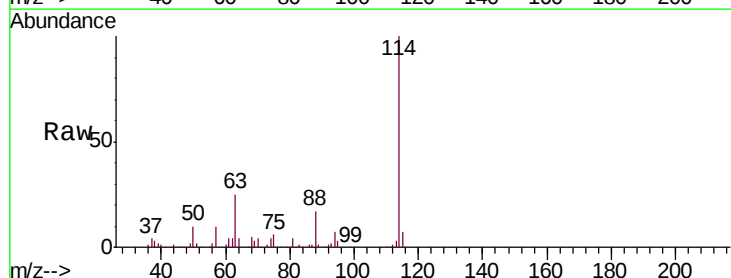
Instrument :
 MSVOA_W
 ClientSampled :
 BAT-B1

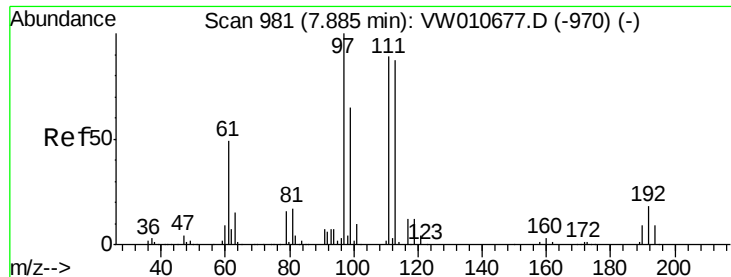
Tgt Ion: 65 Resp: 137205
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010781.D
 Acq: 12 Jun 2019 16:38

Tgt Ion: 114 Resp: 338478
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 46.4
 88 16.8 0.0 32.2

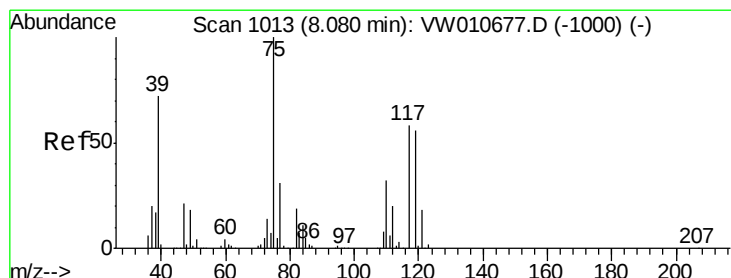
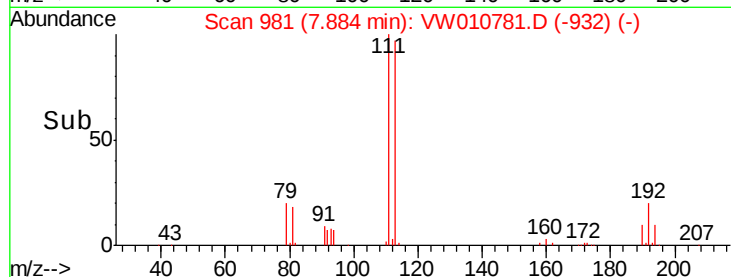
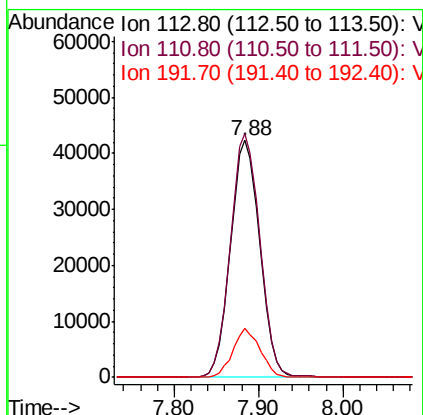
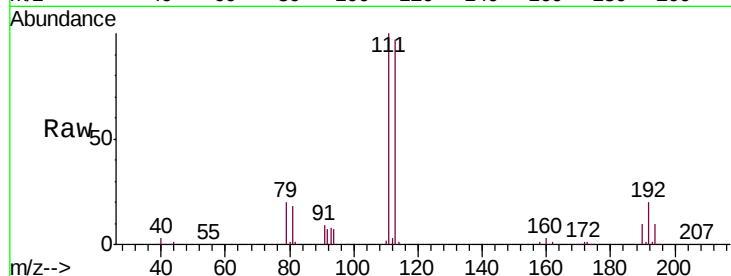




#35
 Dibromofluoromethane
 Concen: 54.276 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010781.D
 Acq: 12 Jun 2019 16:38

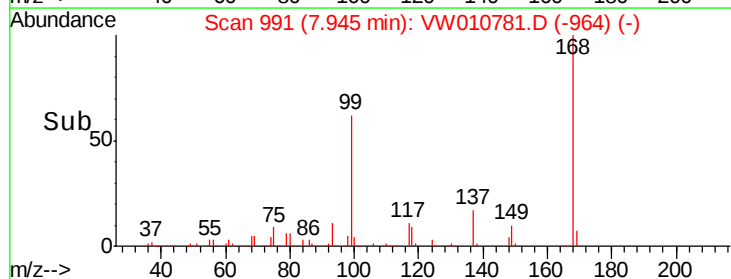
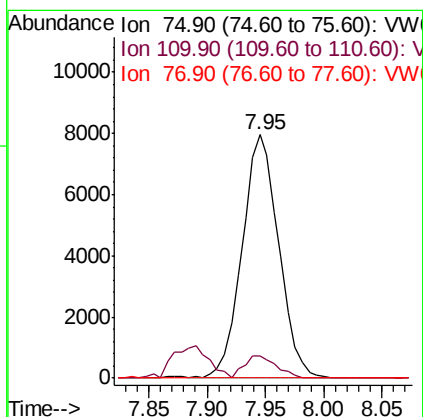
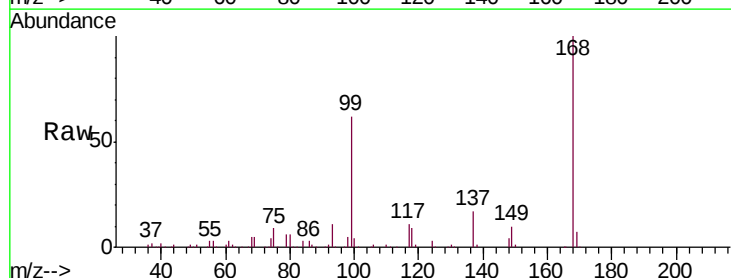
Instrument :
 MSVOA_W
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 BAT-B1

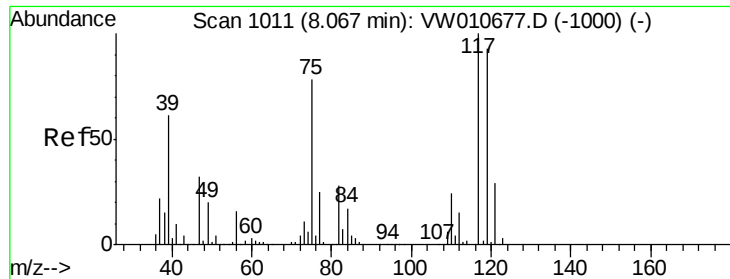
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	19.4	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 5.019 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010781.D
 Acq: 12 Jun 2019 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.8	47.3#
77	0.0	24.7	37.1#

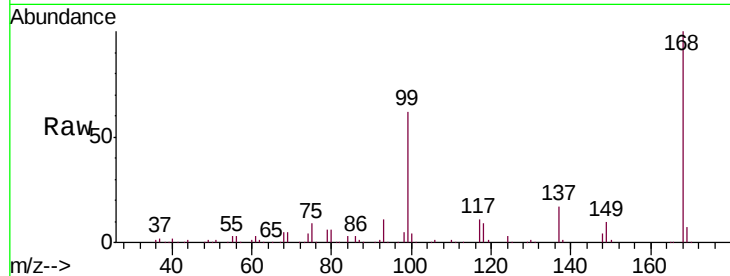




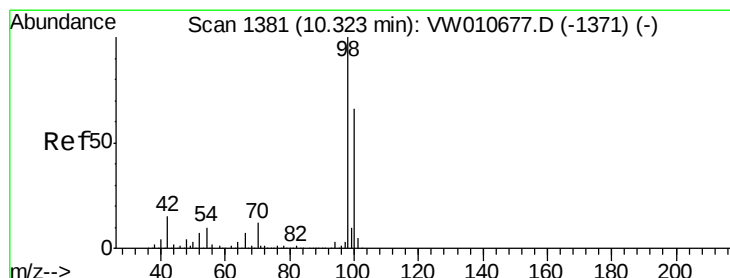
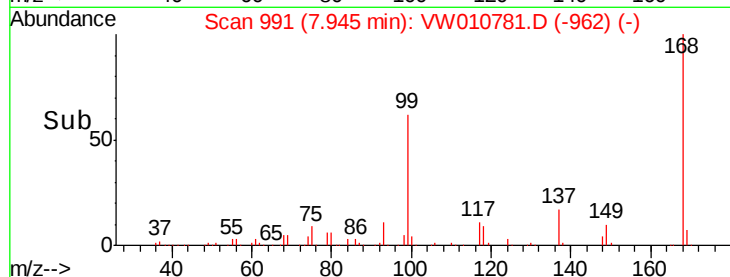
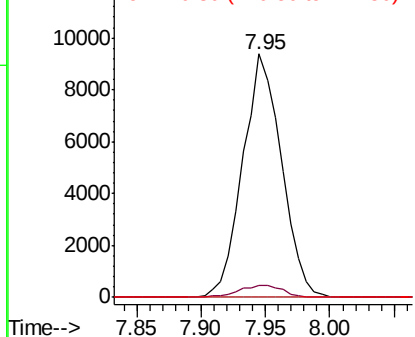
#38
Carbon Tetrachloride
Concen: 6.524 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Instrument :
MSVOA_W
ClientSampleId :
BAT-B1

Tgt Ion: 117 Resp: 19512
Ion Ratio Lower Upper
117 100
119 4.6 74.2 111.4#
121 0.0 22.9 34.3#

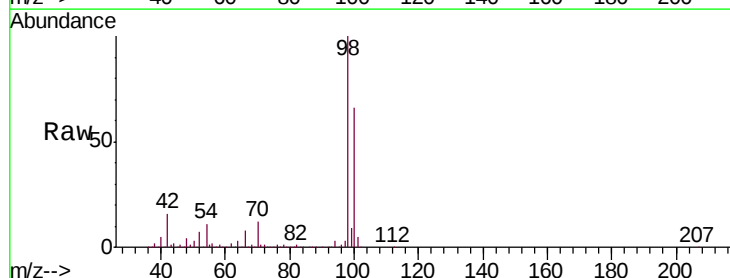


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

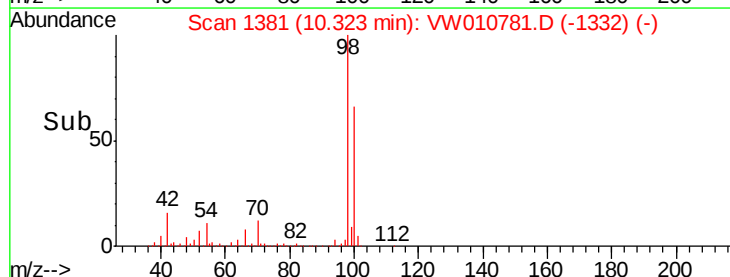
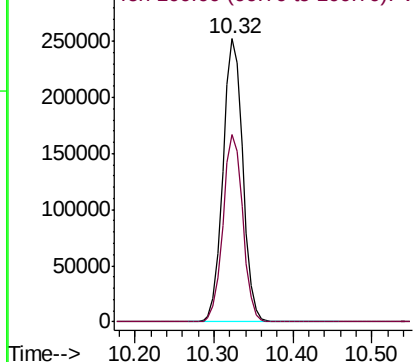


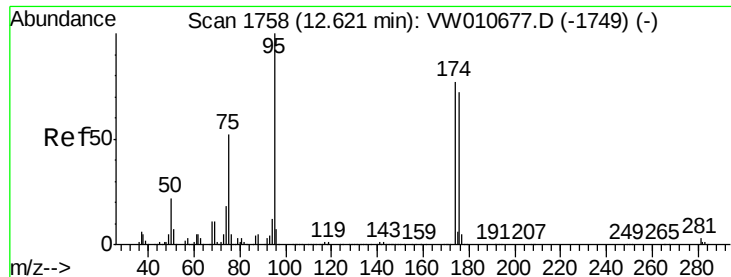
#50
Toluene-d8
Concen: 54.674 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Tgt Ion: 98 Resp: 440471
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



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

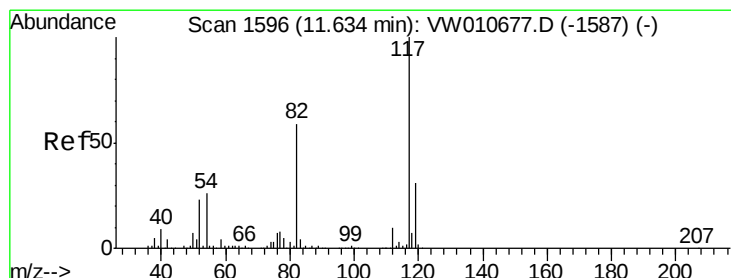
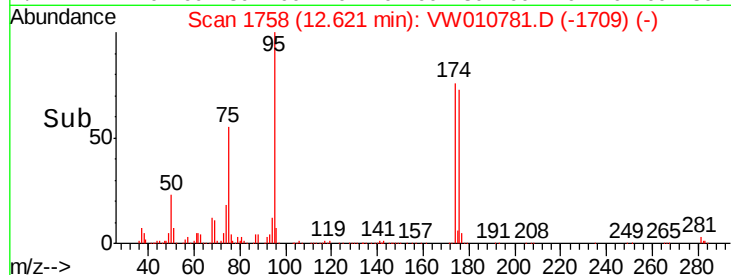
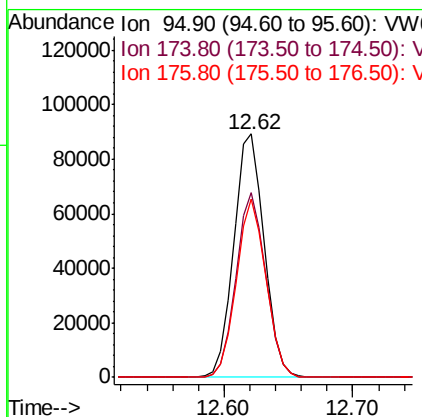
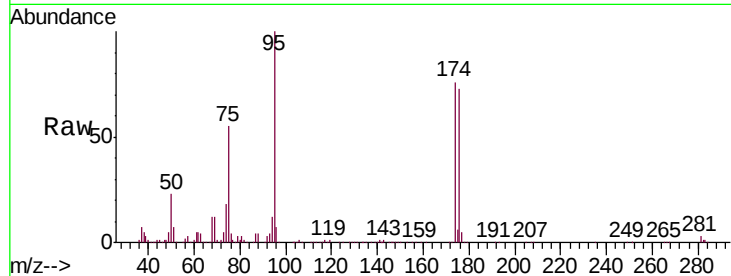




#62
4-Bromofluorobenzene
Concen: 49.755 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

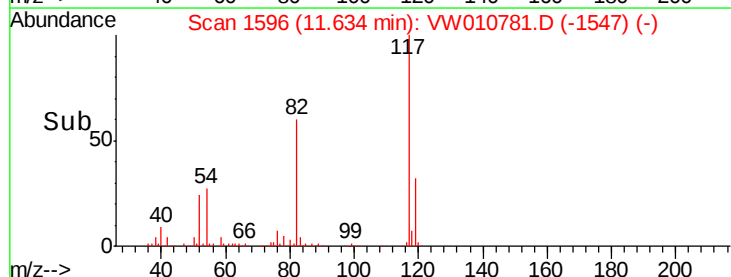
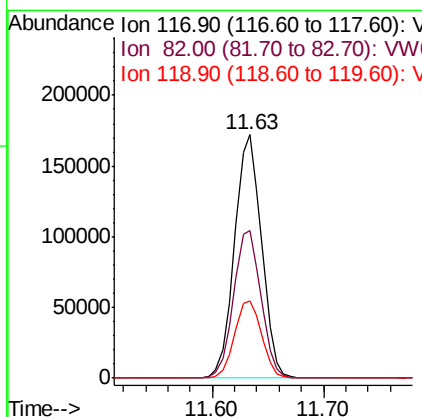
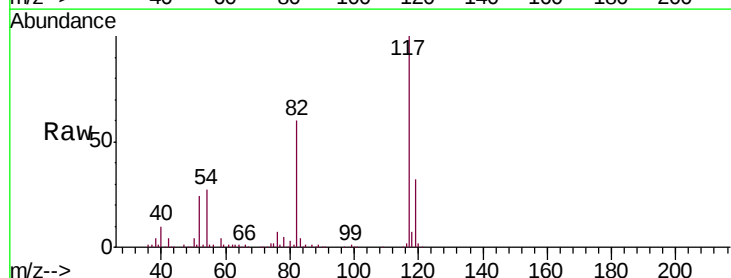
Instrument :
MSVOA_W
ClientSampleId :
BAT-B1

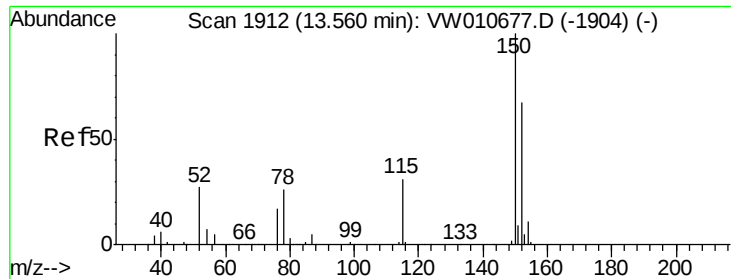
Tgt Ion: 95 Resp: 145861
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.4
176 71.3 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010781.D
Acq: 12 Jun 2019 16:38

Tgt Ion: 117 Resp: 288118
Ion Ratio Lower Upper
117 100
82 60.4 47.0 70.4
119 31.8 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010781.D

Acq: 12 Jun 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

BAT-B1

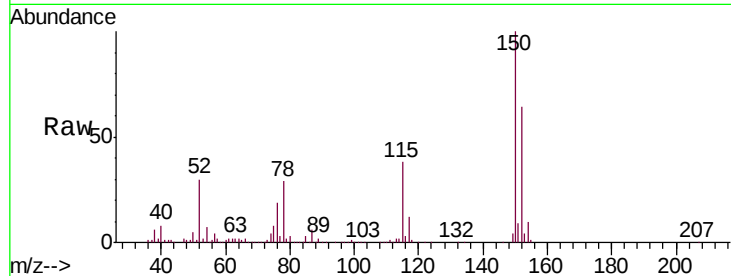
Tgt Ion:152 Resp: 115300

Ion Ratio Lower Upper

152 100

115 60.9 29.8 89.3

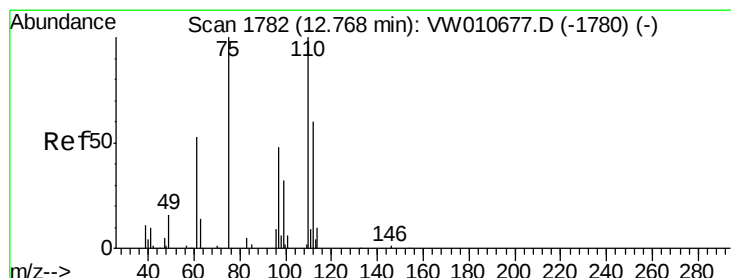
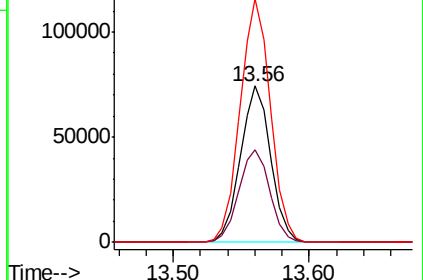
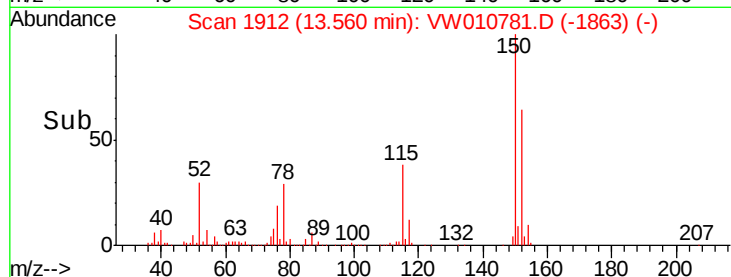
150 156.3 0.0 345.0



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



#76

1,2,3-Trichloropropane

Concen: 65.655 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010781.D

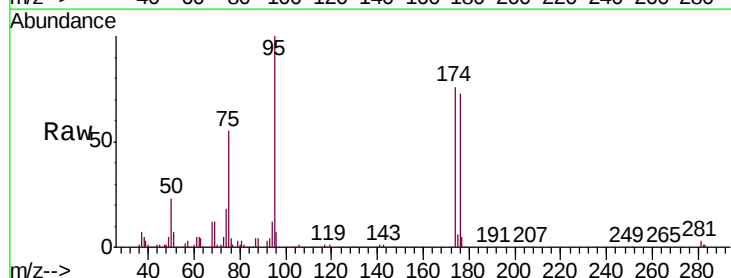
Acq: 12 Jun 2019 16:38

Tgt Ion: 75 Resp: 79496

Ion Ratio Lower Upper

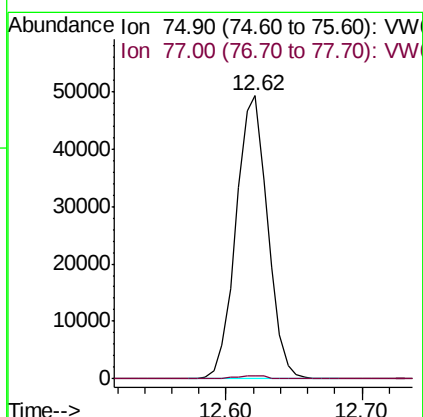
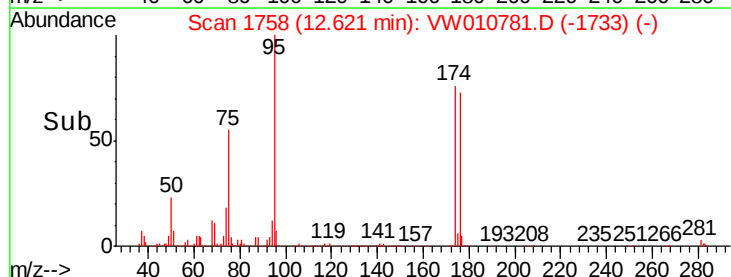
75 100

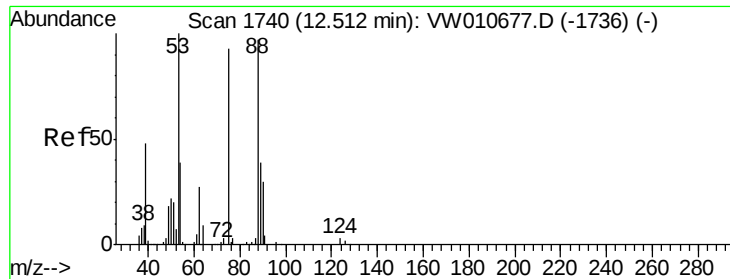
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 150.898 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010781.D

Acq: 12 Jun 2019 16:38

Instrument :

MSVOA_W

ClientSampleId :

BAT-B1

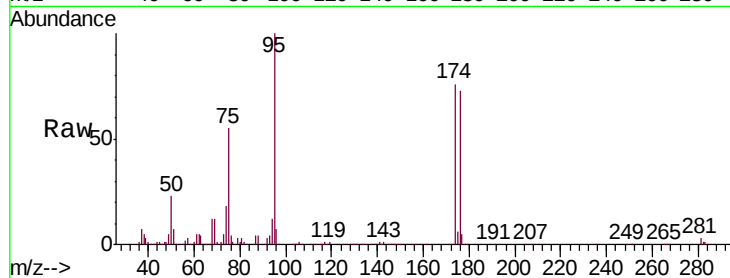
Tgt Ion: 75 Resp: 79496

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

