

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009578.D
 Acq On : 29 Mar 2019 18:15
 Operator : SY/VA
 Sample : K2139-05
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(8)

Quant Time: Mar 30 05:21:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

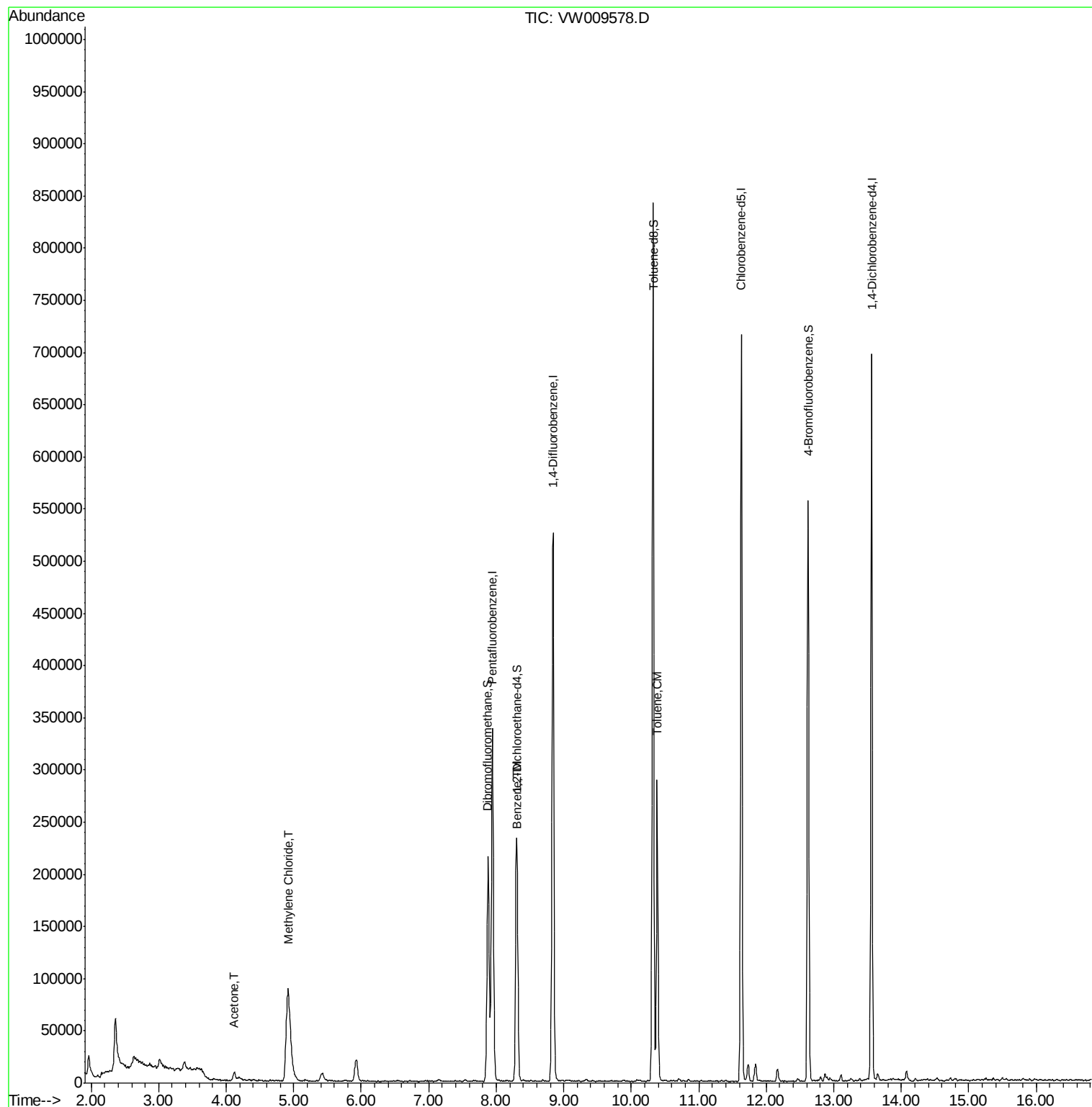
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	241689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	179792	65.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.10%	
35) Dibromofluoromethane	7.88	113	146184	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
50) Toluene-d8	10.32	98	504187	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.62	95	161327	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
16) Acetone	4.12	43	15094	24.290	ug/l	91
20) Methylene Chloride	4.92	84	88725	35.251	ug/l	96
40) Benzene	8.32	78	13764	1.196	ug/l	94
52) Toluene	10.38	92	113350	15.734	ug/l	100

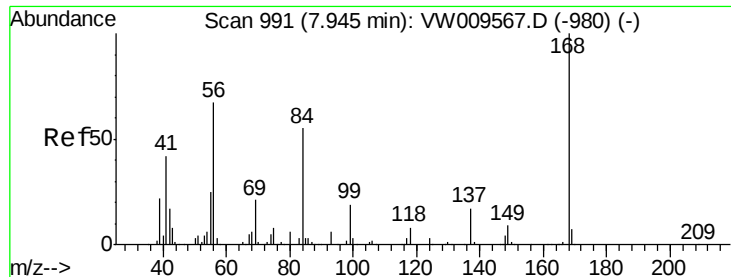
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009578.D

Acq: 29 Mar 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

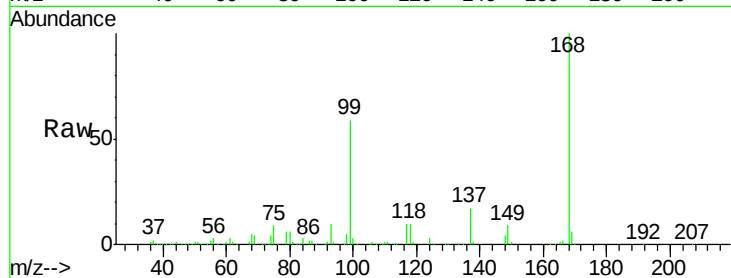
S7B(8)

Tot Ion:168 Resp: 241689

Ion Ratio Lower Upper

168 100

99 58.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

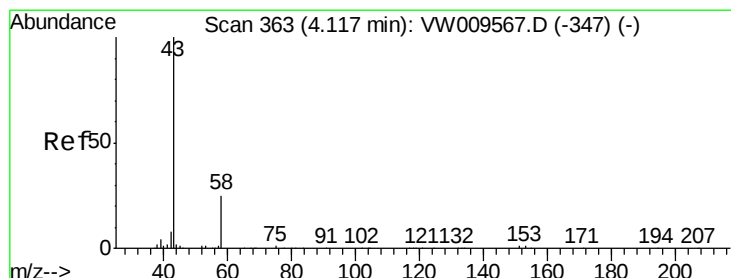
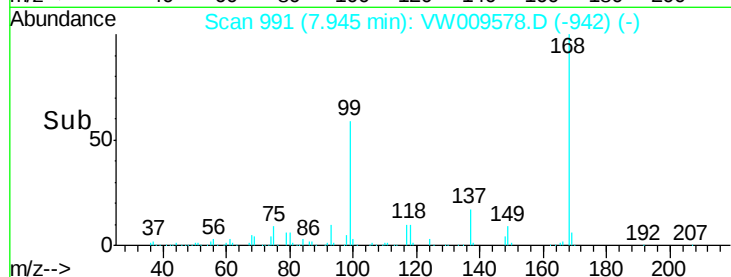
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 24.290 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009578.D

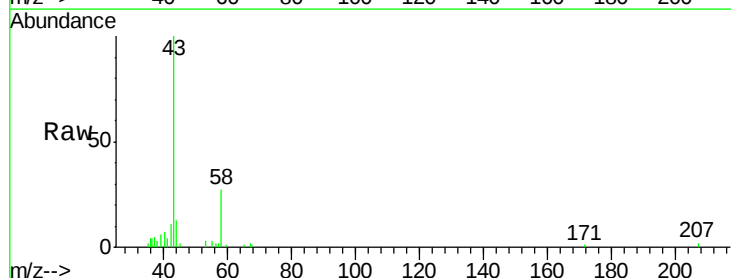
Acq: 29 Mar 2019 18:15

Tgt Ion: 43 Resp: 15094

Ion Ratio Lower Upper

43 100

58 24.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

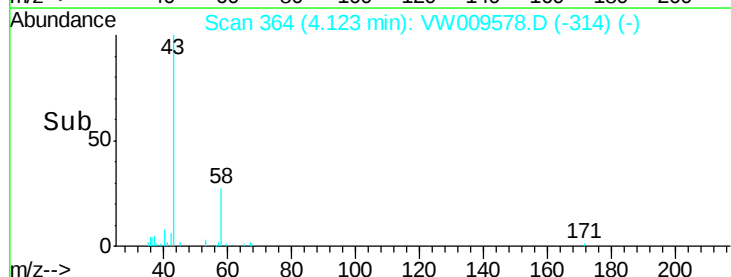
3000

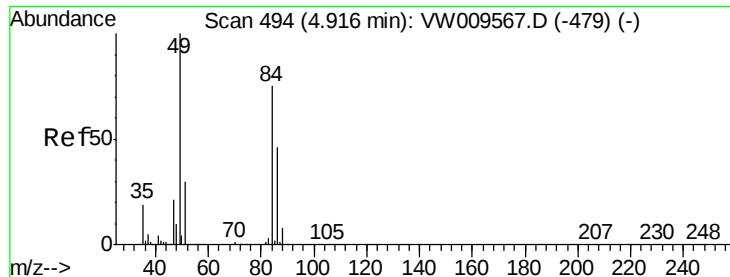
2000

1000

0

Time-->

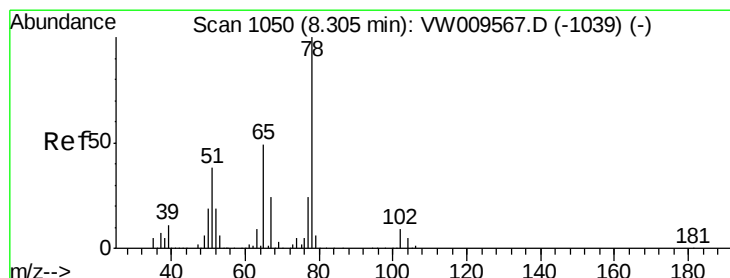
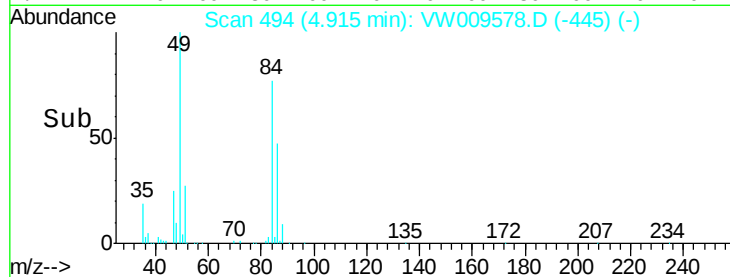
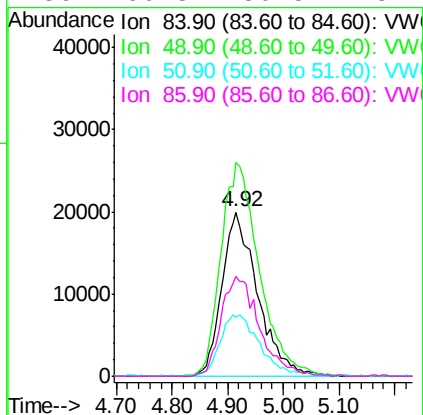
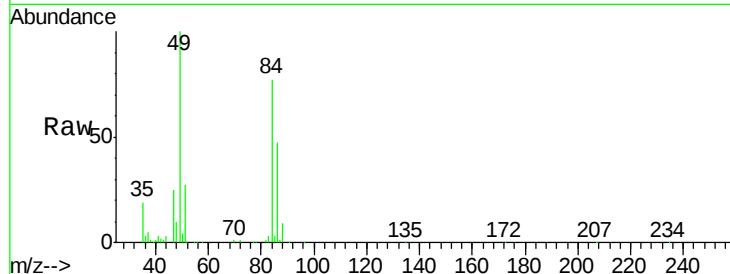




#20
Methylene Chloride
Concen: 35.251 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009578.D
Acq: 29 Mar 2019 18:15

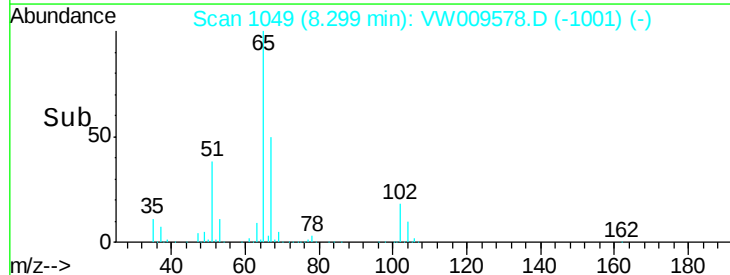
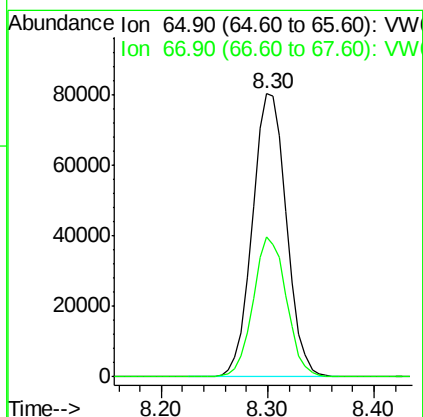
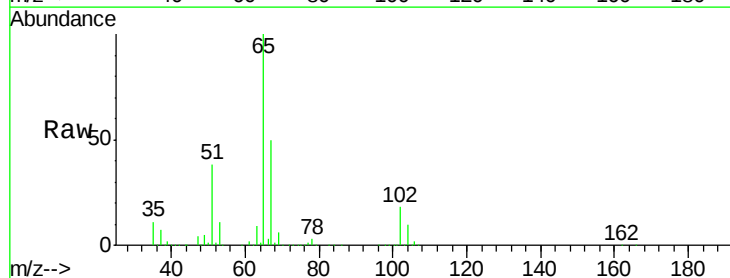
Instrument :
MSVOA_W
ClientSampleId :
S7B(8)

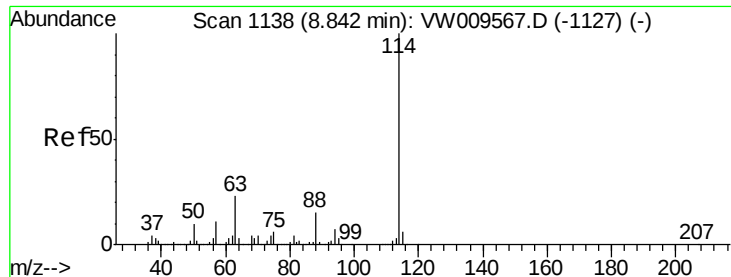
Tot Ion: 84 Resp: 88725
Ion Ratio Lower Upper
84 100
49 129.5 99.1 148.7
51 35.4 28.7 43.1
86 60.8 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 65.052 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW009578.D
Acq: 29 Mar 2019 18:15

Tgt Ion: 65 Resp: 179792
Ion Ratio Lower Upper
65 100
67 48.4 0.0 102.4

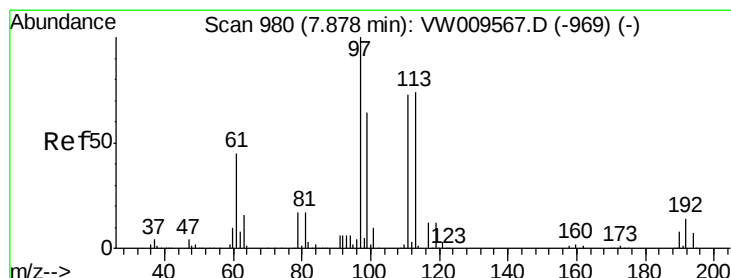
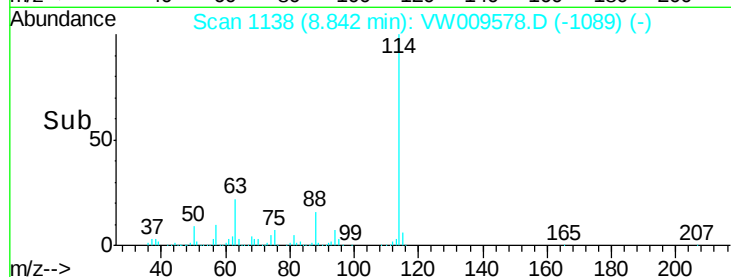
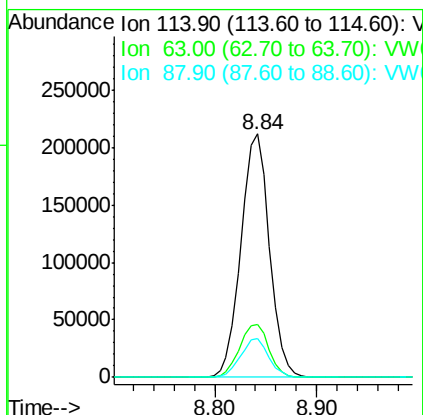
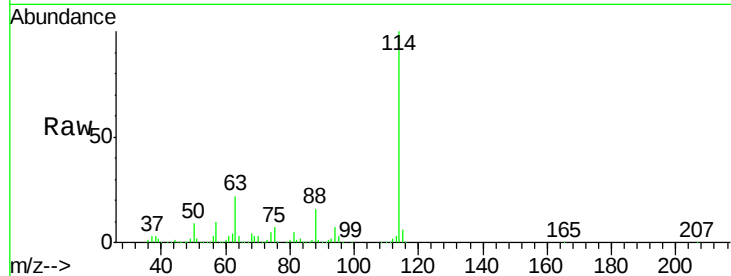




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009578.D
 Acq: 29 Mar 2019 18:15

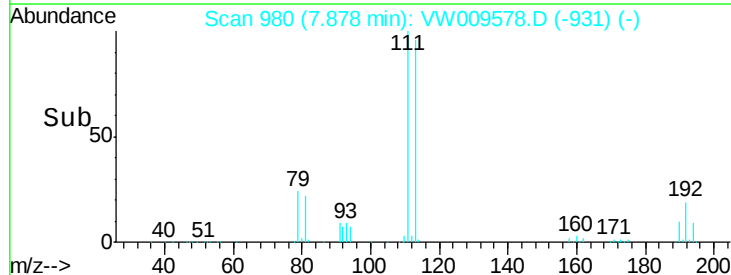
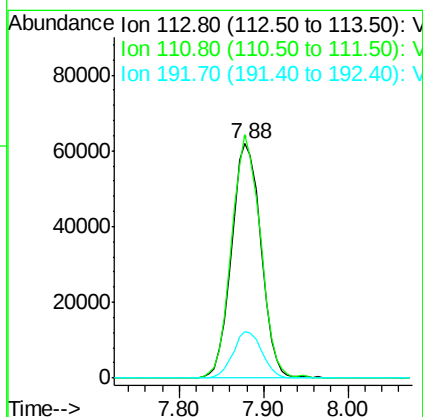
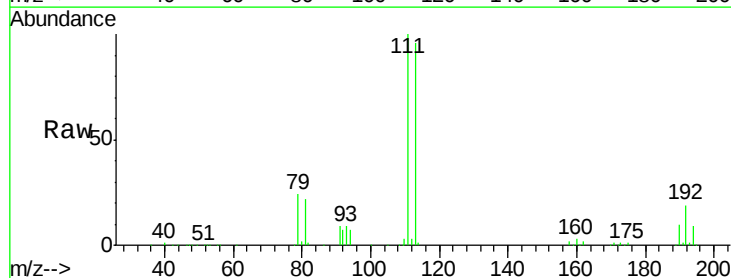
Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(8)

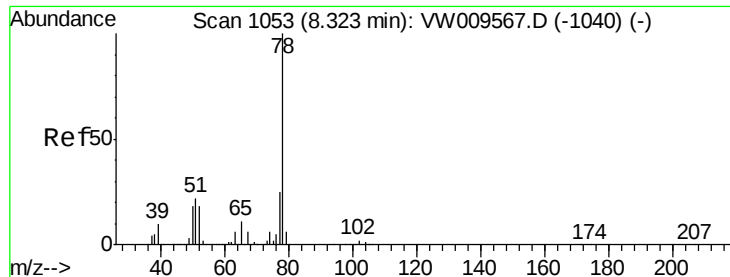
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	42.2
88	16.1	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 56.682 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW009578.D
 Acq: 29 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	19.7	16.4	24.6





#40

Benzene

Concen: 1.196 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW009578.D

Acq: 29 Mar 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

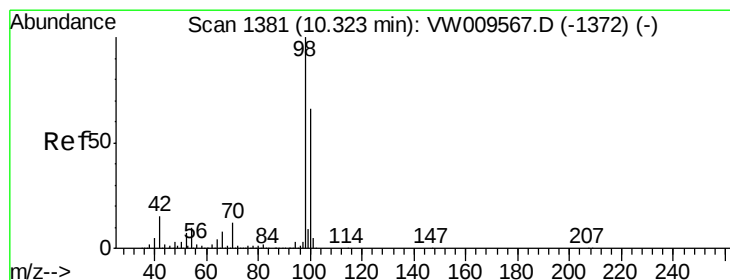
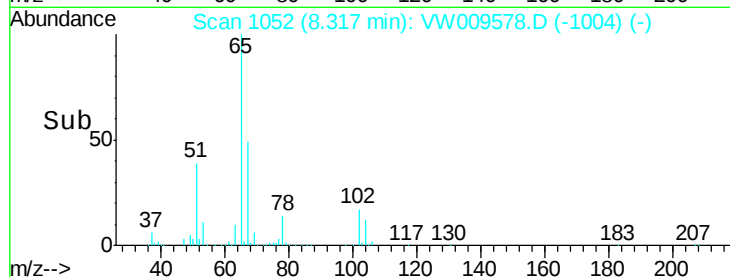
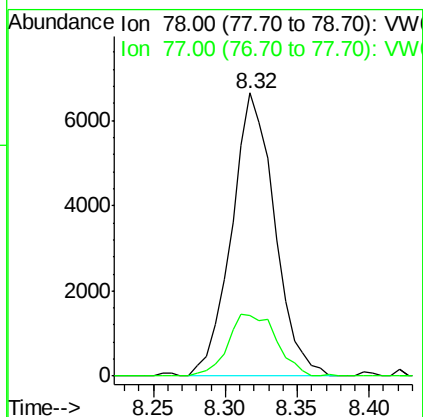
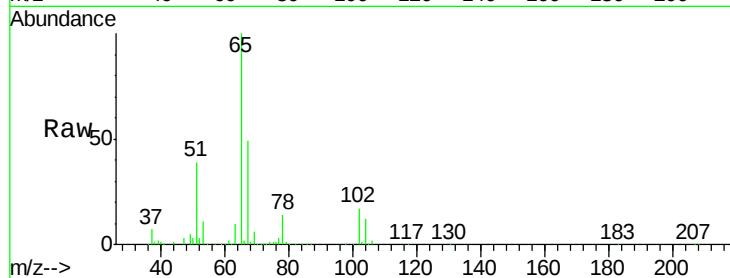
S7B(8)

Tot Ion: 78 Resp: 13764

Ion Ratio Lower Upper

78 100

77 21.5 19.8 29.6



#50

Toluene-d8

Concen: 52.892 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009578.D

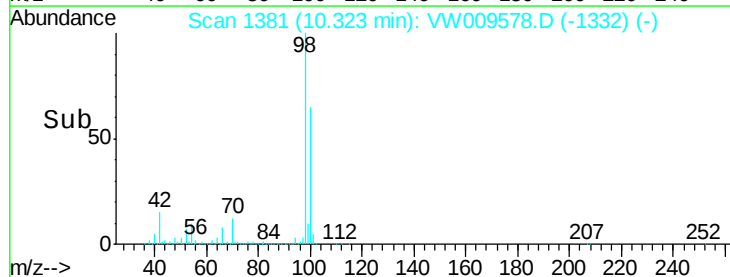
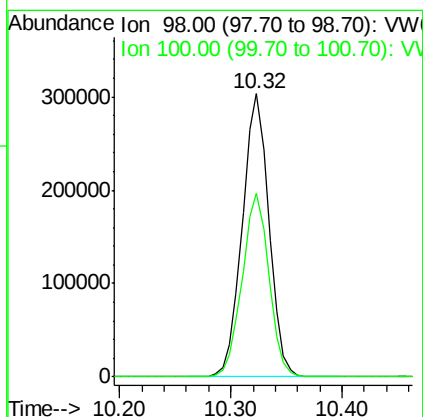
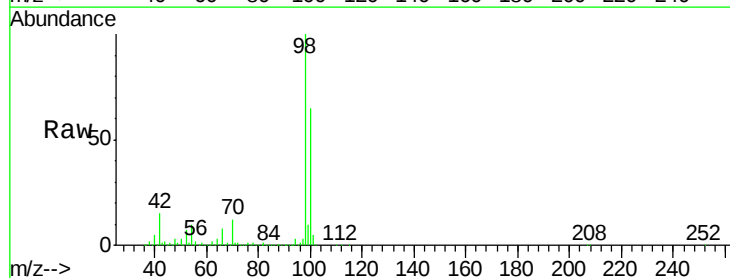
Acq: 29 Mar 2019 18:15

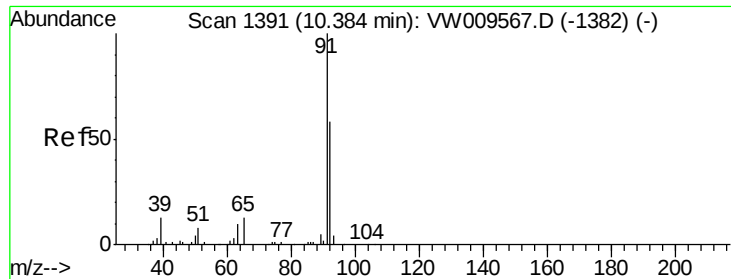
Tgt Ion: 98 Resp: 504187

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0





#52

Toluene

Concen: 15.734 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009578.D

Acq: 29 Mar 2019 18:15

Instrument :

MSVOA_W

ClientSampleId :

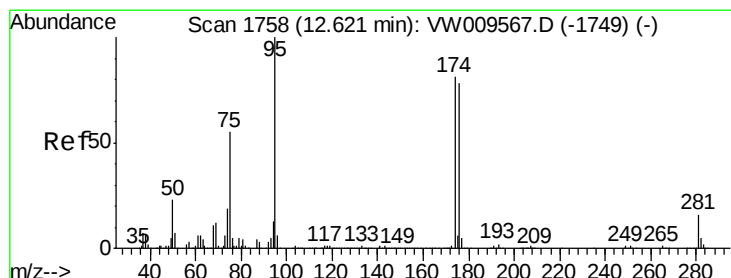
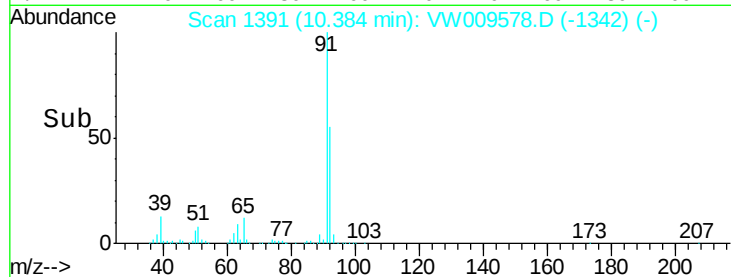
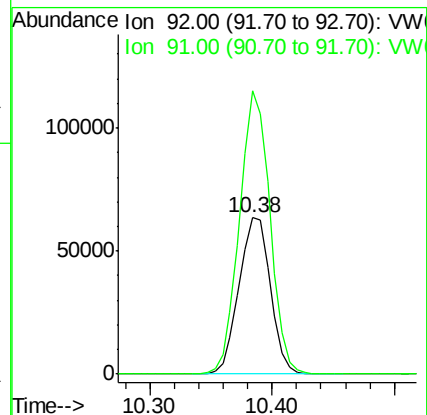
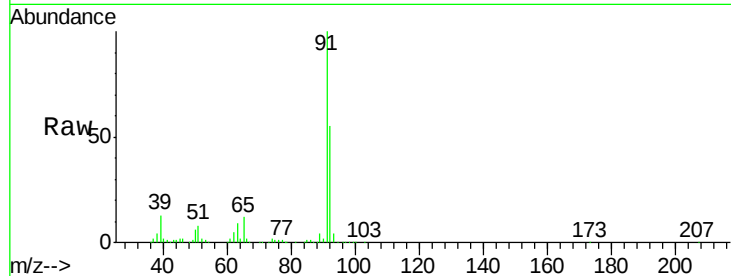
S7B(8)

Tot Ion: 92 Resp: 113350

Ion Ratio Lower Upper

92 100

91 175.0 140.1 210.1



#62

4-Bromofluorobenzene

Concen: 45.366 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009578.D

Acq: 29 Mar 2019 18:15

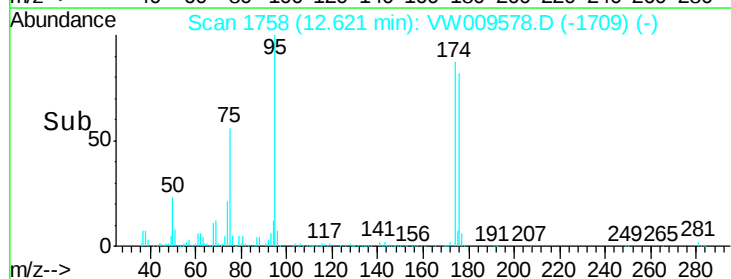
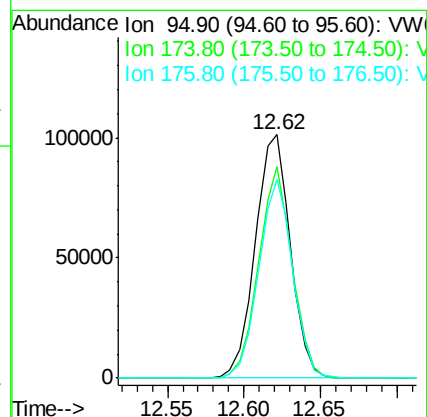
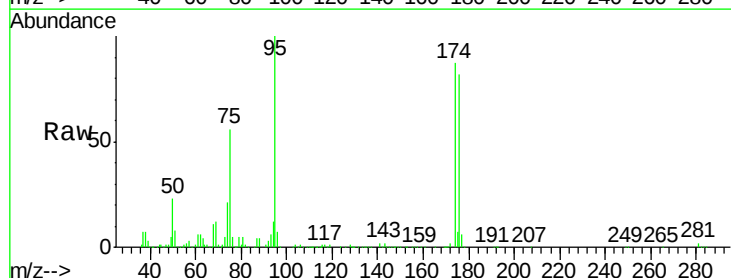
Tgt Ion: 95 Resp: 161327

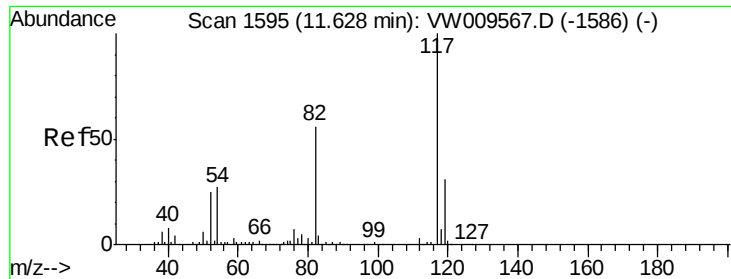
Ion Ratio Lower Upper

95 100

174 83.1 0.0 168.4

176 78.9 0.0 161.6

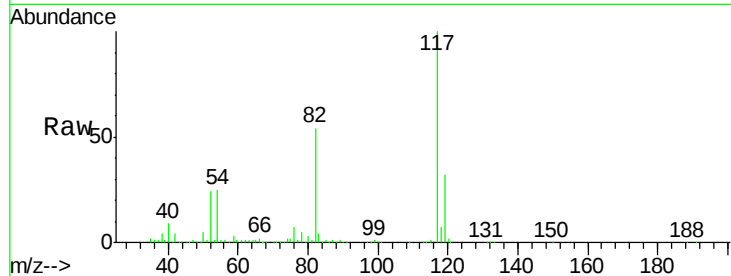




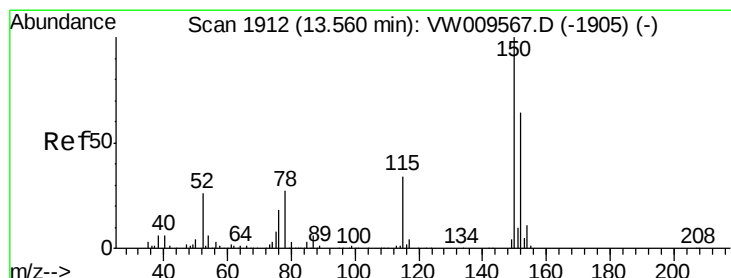
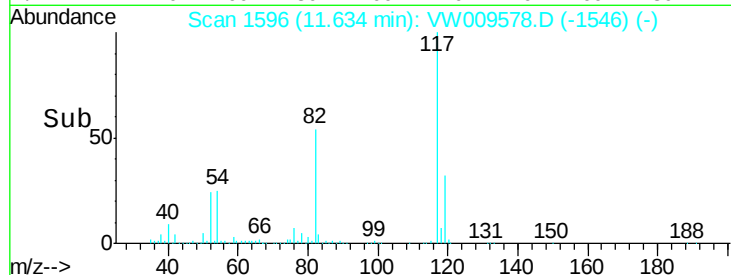
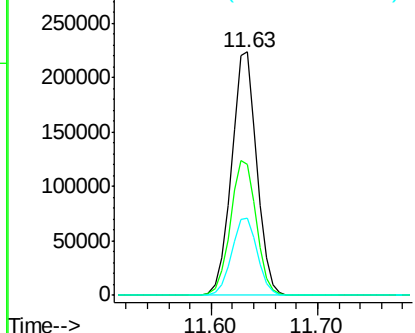
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009578.D
Acq: 29 Mar 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
S7B(8)

Tot Ion:117 Resp: 371603
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 31.6 26.0 39.0

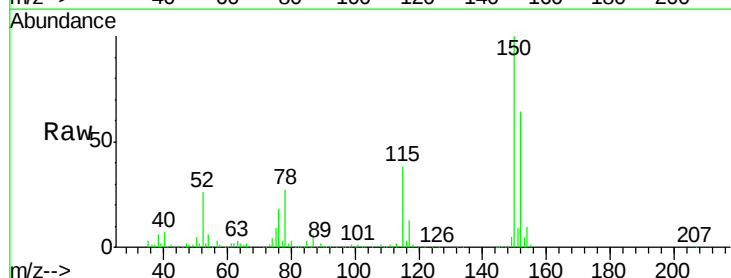


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009578.D
Acq: 29 Mar 2019 18:15

Tgt Ion:152 Resp: 162021
Ion Ratio Lower Upper
152 100
115 59.8 29.6 88.8
150 157.6 0.0 349.2



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

