

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009579.D
 Acq On : 29 Mar 2019 18:42
 Operator : SY/VA
 Sample : K2139-07
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S7B(14)

Quant Time: Mar 30 05:23:52 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

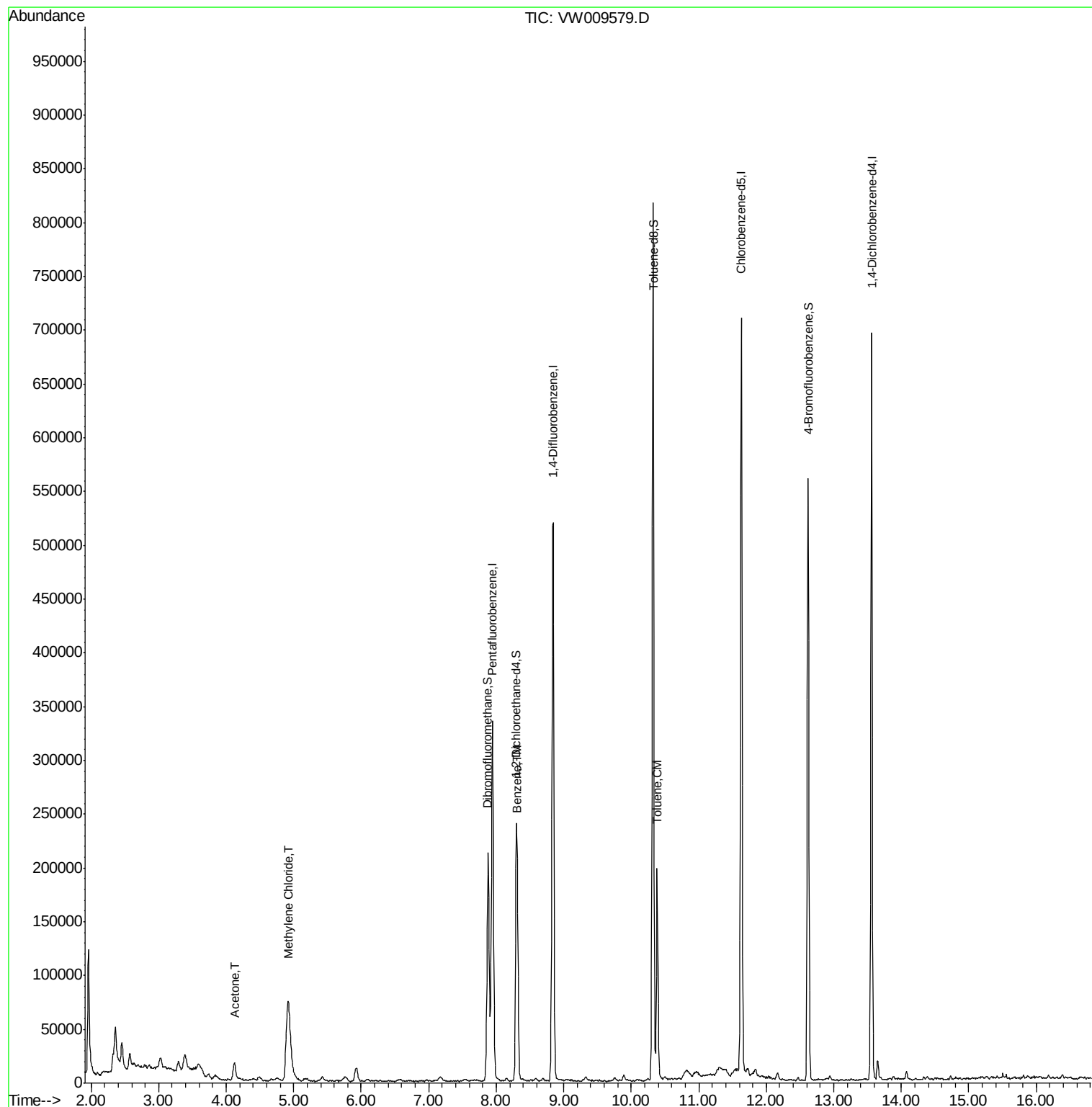
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	176304	64.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.84%	
35) Dibromofluoromethane	7.88	113	142601	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
50) Toluene-d8	10.32	98	502238	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	163664	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
16) Acetone	4.12	43	27195	44.539	ug/l	94
20) Methylene Chloride	4.92	84	76943	30.617	ug/l	98
40) Benzene	8.32	78	20760	1.804	ug/l	96
52) Toluene	10.38	92	77408	10.739	ug/l	99

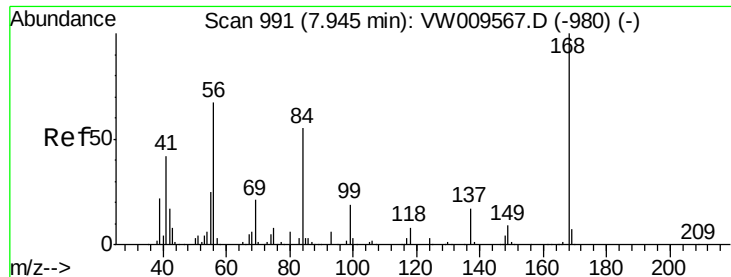
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009579.D

Acq: 29 Mar 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

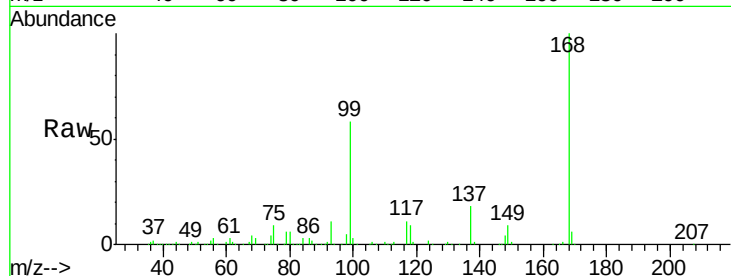
S7B(14)

Tot Ion:168 Resp: 237483

Ion Ratio Lower Upper

168 100

99 58.0 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

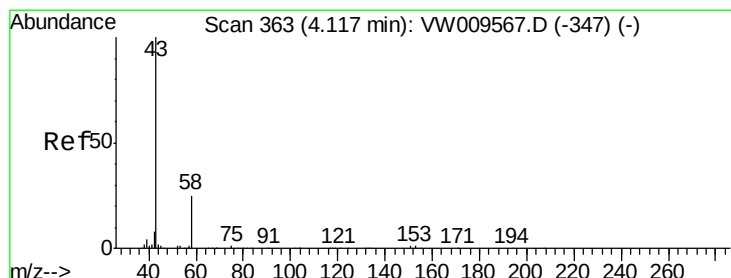
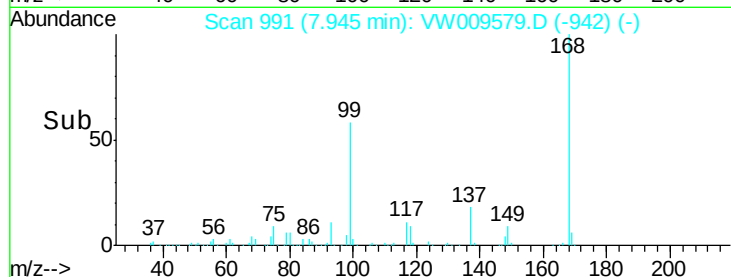
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 44.539 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009579.D

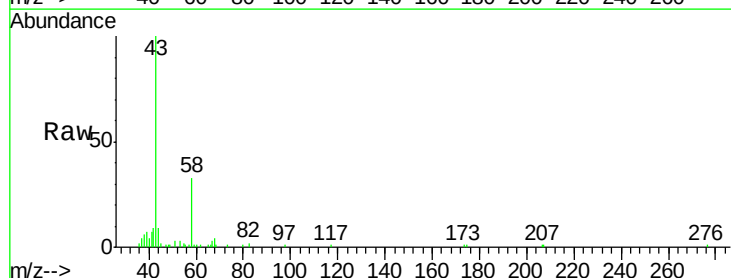
Acq: 29 Mar 2019 18:42

Tgt Ion: 43 Resp: 27195

Ion Ratio Lower Upper

43 100

58 33.0 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

10000

8000

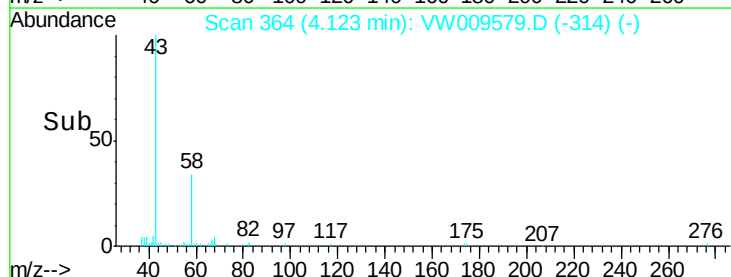
6000

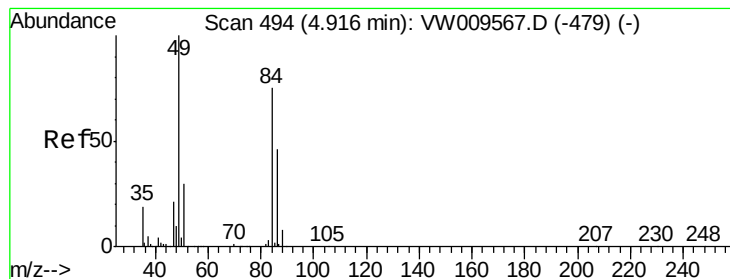
4000

2000

0

Time--> 4.00 4.10 4.20





#20

Methylene Chloride

Concen: 30.617 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009579.D

Acq: 29 Mar 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

S7B(14)

Tot Ion: 84 Resp: 76943

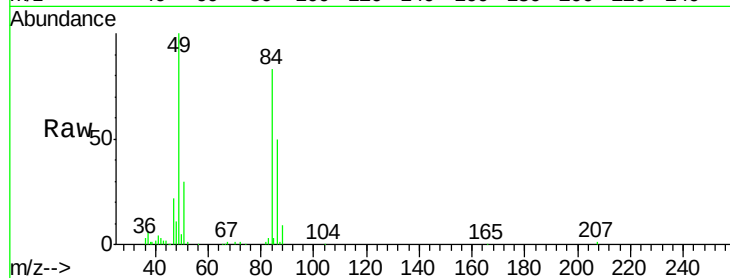
Ion	Ratio	Lower	Upper
84	100		
49	121.1	99.1	148.7
51	36.4	28.7	43.1
86	60.7	50.5	75.7

84 100

49 121.1 99.1 148.7

51 36.4 28.7 43.1

86 60.7 50.5 75.7

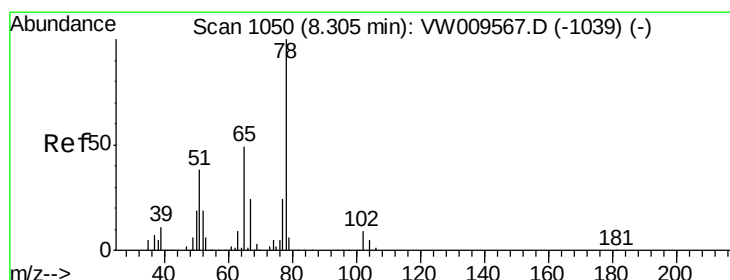
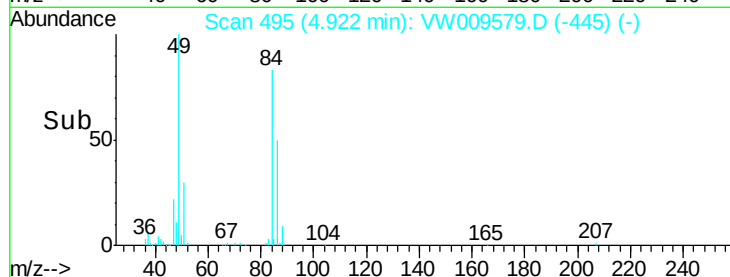
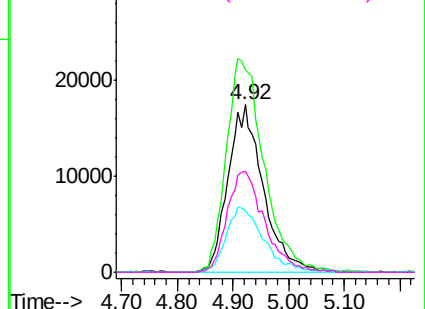


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 64.920 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009579.D

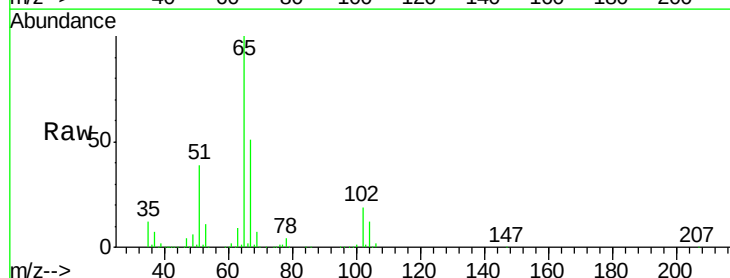
Acq: 29 Mar 2019 18:42

Tgt Ion: 65 Resp: 176304

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.4

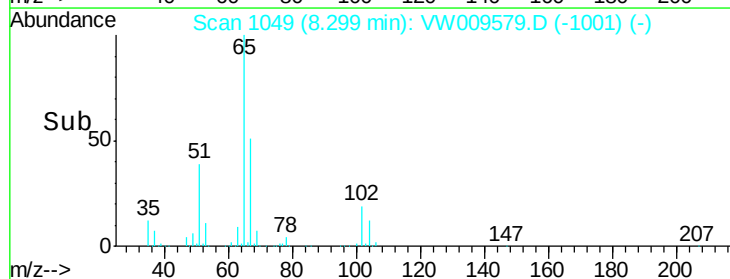
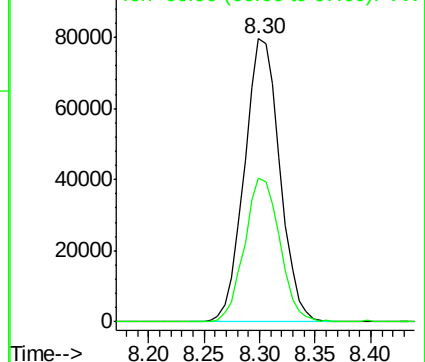
65 100

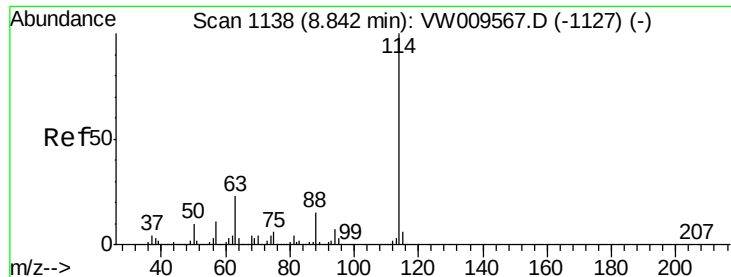
67 50.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

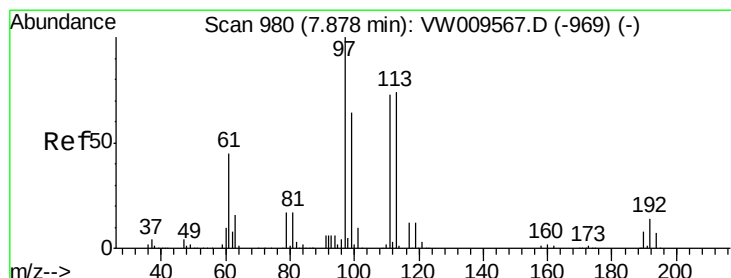
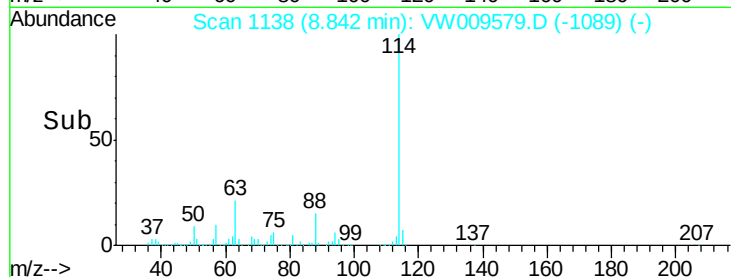
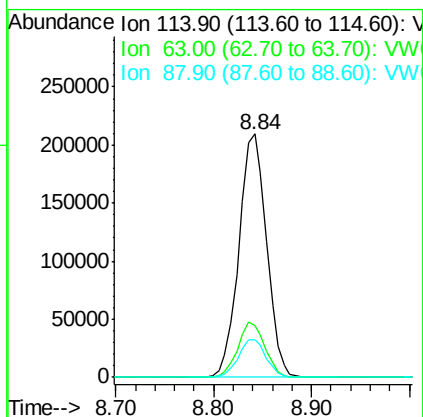
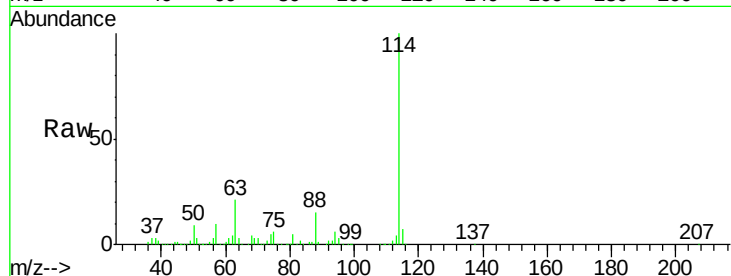




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009579.D
 Acq: 29 Mar 2019 18:42

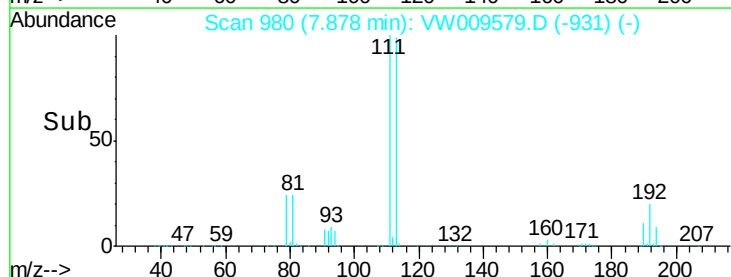
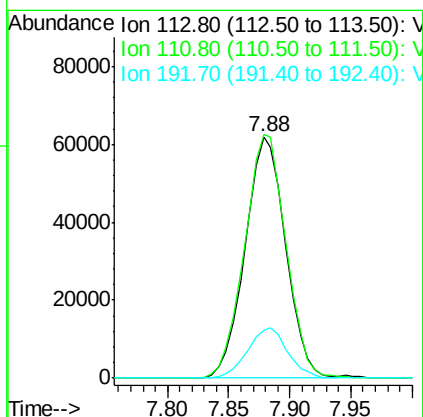
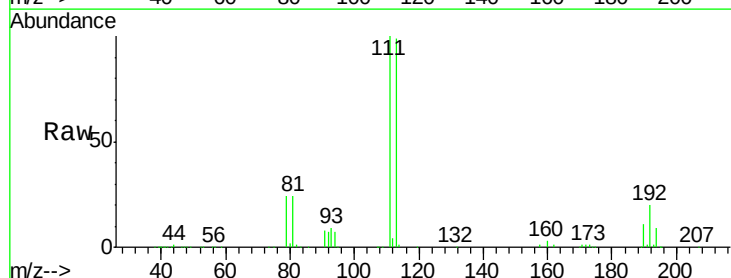
Instrument :
 MSVOA_W
 ClientSampled :
 S7B(14)

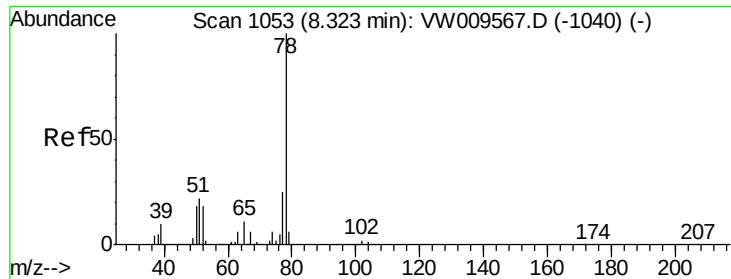
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.2
88	15.4	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 55.264 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW009579.D
 Acq: 29 Mar 2019 18:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	20.7	16.4	24.6

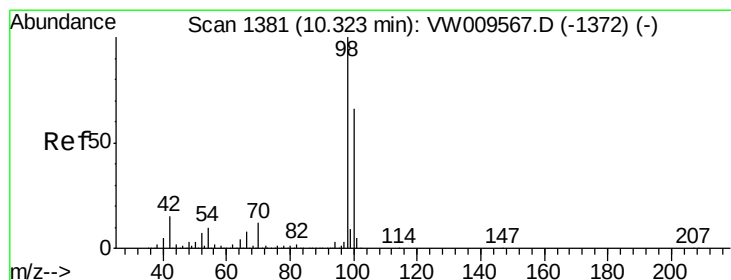
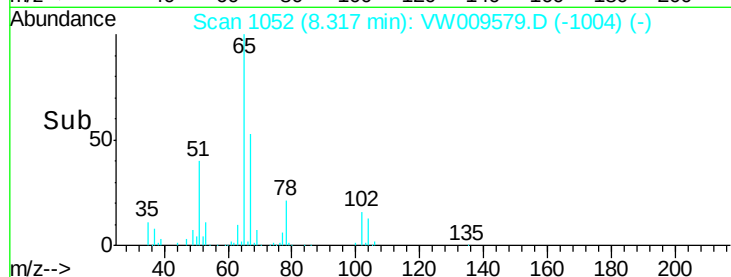
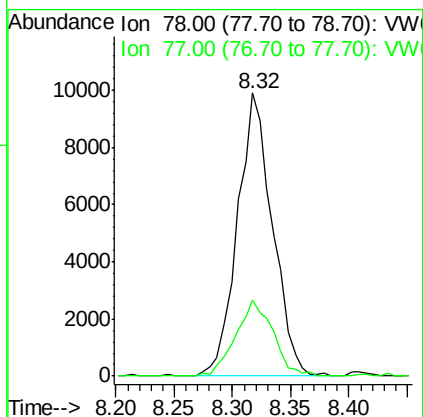
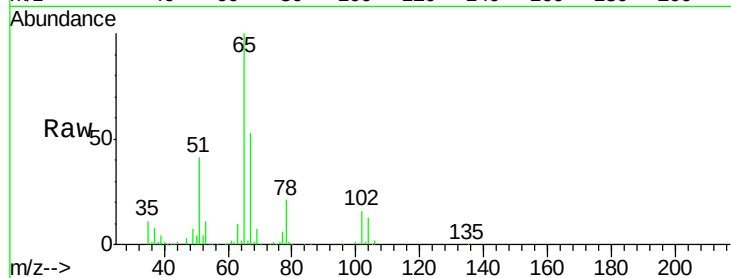




#40
Benzene
Concen: 1.804 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

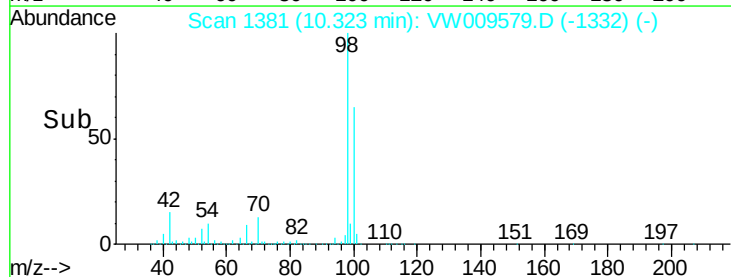
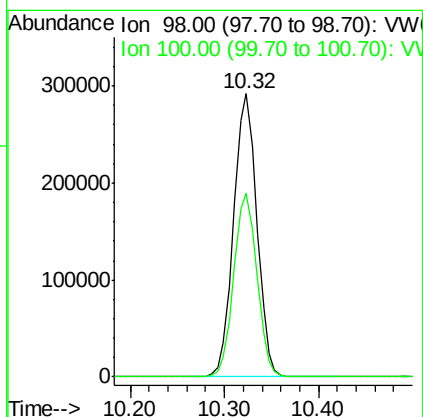
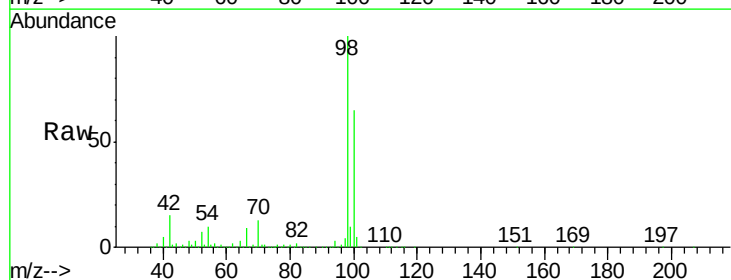
Instrument :
MSVOA_W
ClientSampled :
S7B(14)

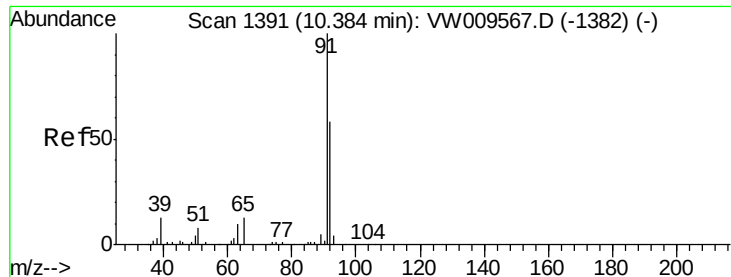
Tot Ion: 78 Resp: 20760
Ion Ratio Lower Upper
78 100
77 26.7 19.8 29.6



#50
Toluene-d8
Concen: 52.661 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

Tgt Ion: 98 Resp: 502238
Ion Ratio Lower Upper
98 100
100 64.4 52.6 79.0





#52

Toluene

Concen: 10.739 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW009579.D

Acq: 29 Mar 2019 18:42

Instrument :

MSVOA_W

ClientSampleId :

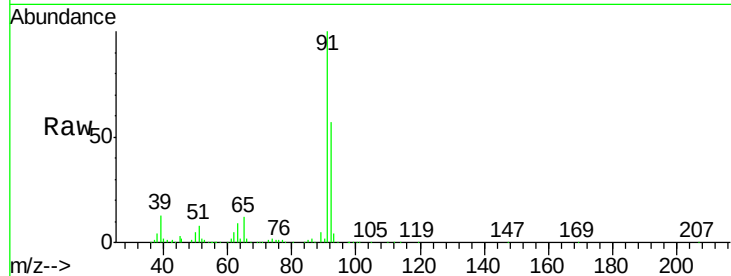
S7B(14)

Tot Ion: 92 Resp: 77408

Ion Ratio Lower Upper

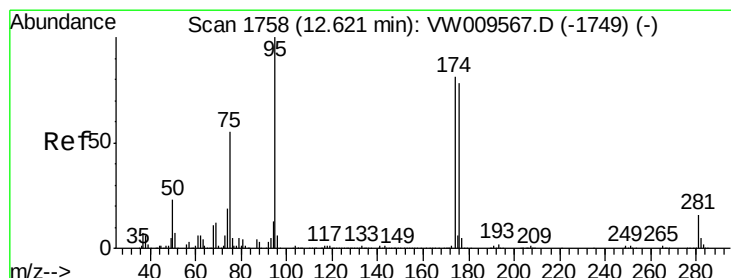
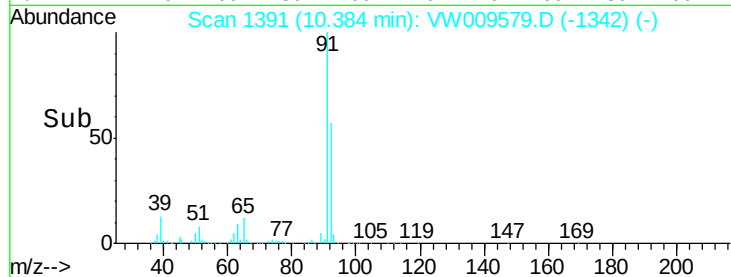
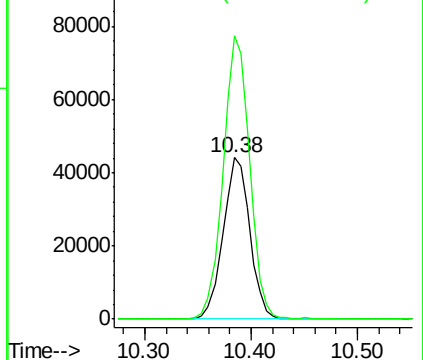
92 100

91 173.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 46.000 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009579.D

Acq: 29 Mar 2019 18:42

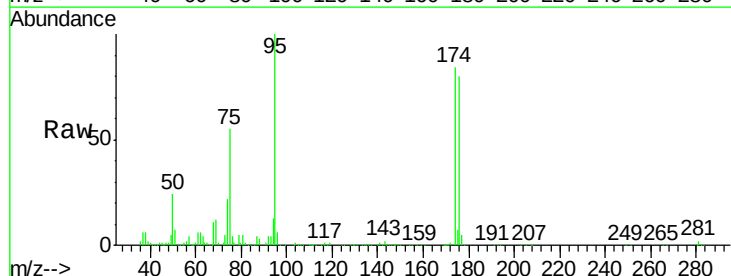
Tgt Ion: 95 Resp: 163664

Ion Ratio Lower Upper

95 100

174 81.5 0.0 168.4

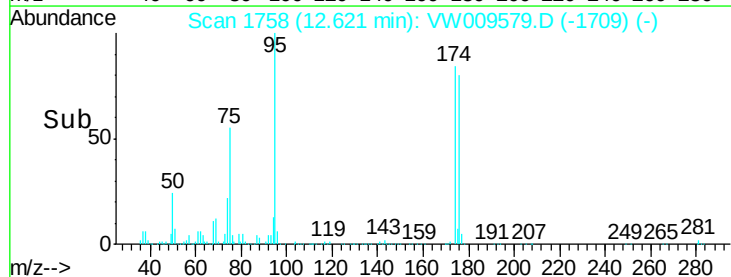
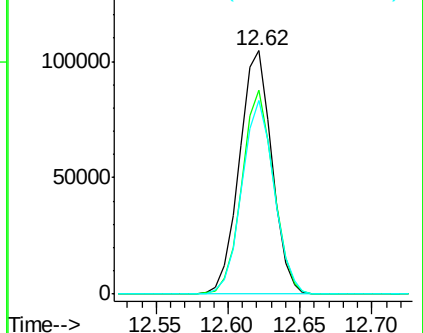
176 78.8 0.0 161.6

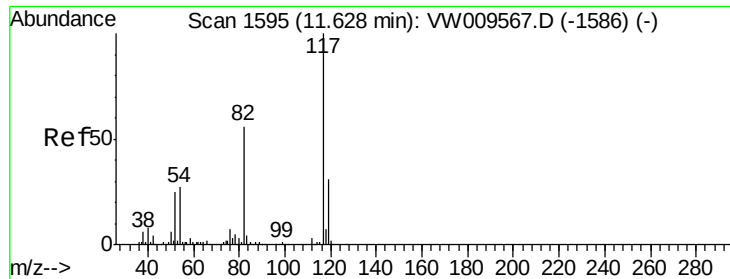


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

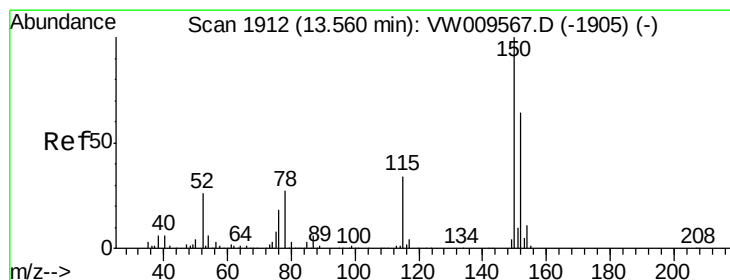
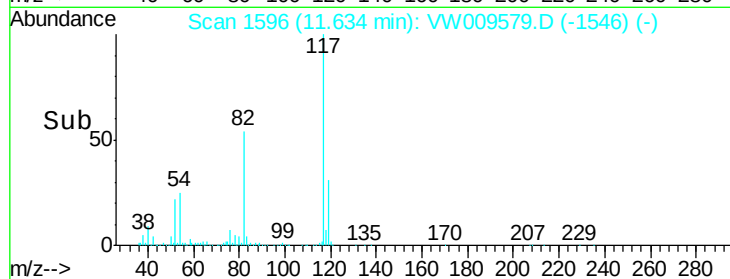
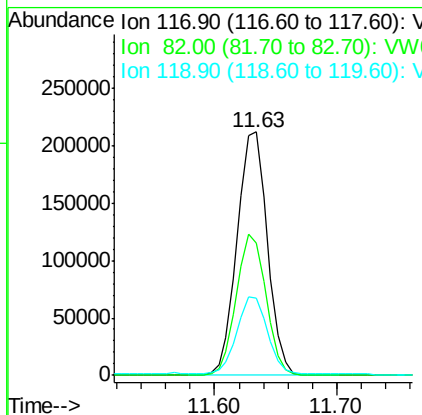
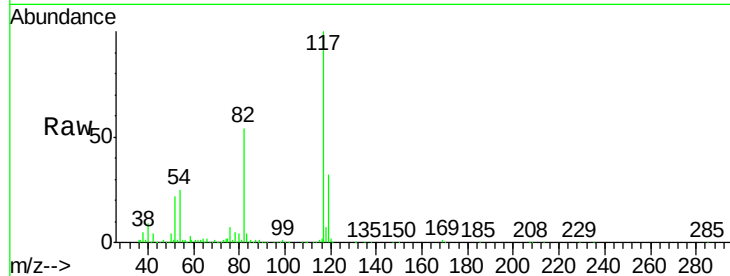




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

Instrument :
MSVOA_W
ClientSampleId :
S7B(14)

Tot Ion:117 Resp: 364538
Ion Ratio Lower Upper
117 100
82 54.4 43.6 65.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

Tgt Ion:152 Resp: 163329
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 156.3 0.0 349.2

