

Data Path : Z:\VOASRV\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:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

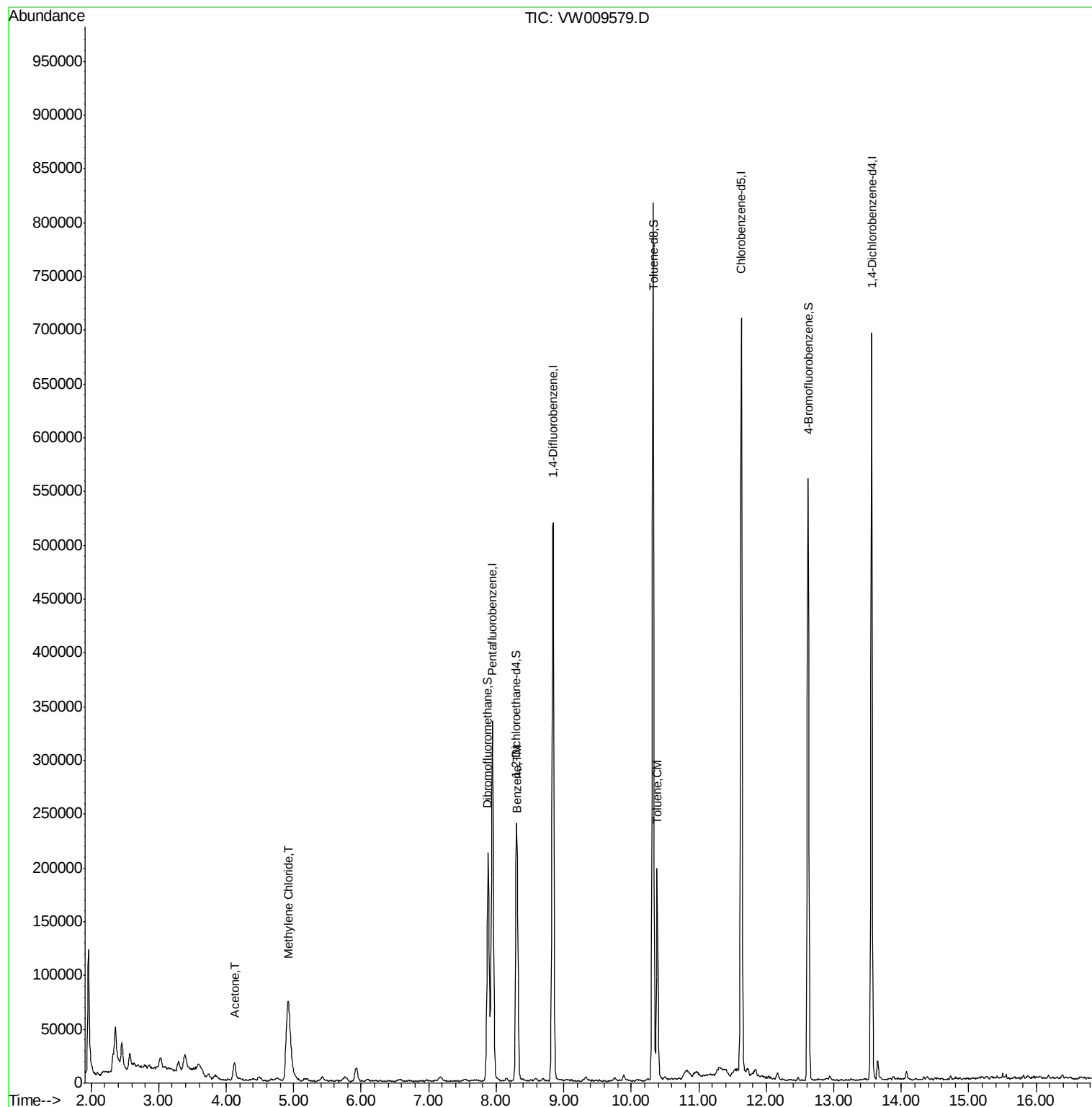
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	163329	50.00	ug/l	0.00
System Monitoring Compounds						
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

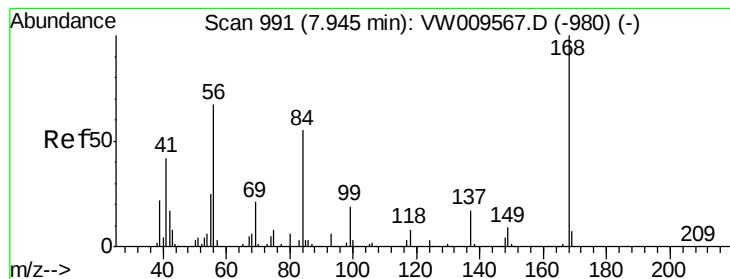
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
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 :

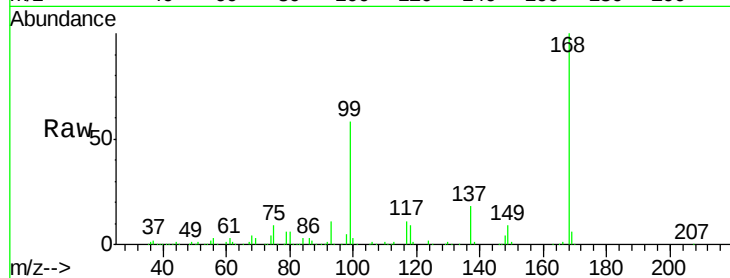
S7B(14)

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

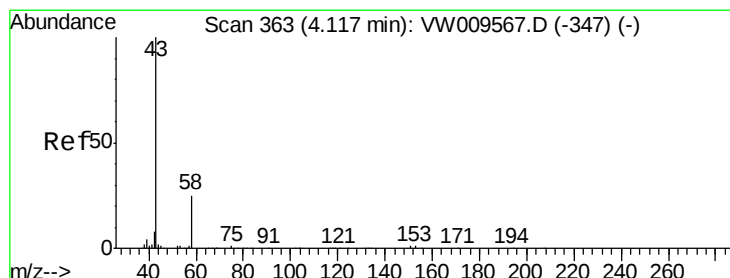
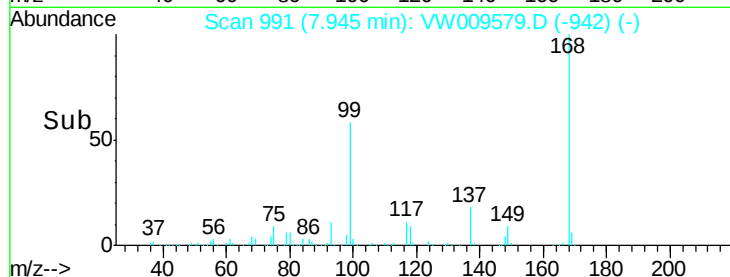
60000

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

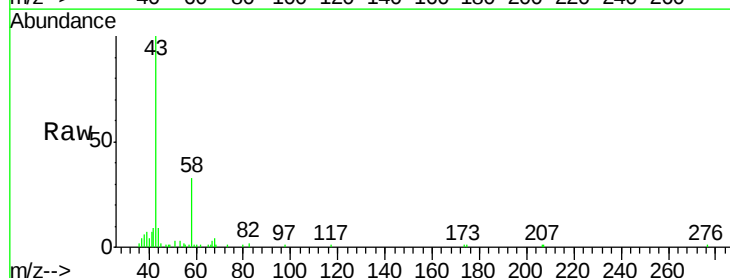
Acq: 29 Mar 2019 18:42

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

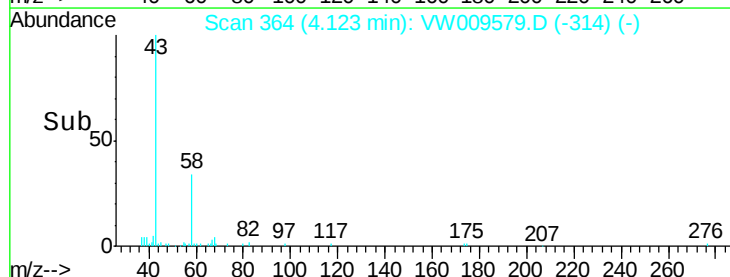
6000

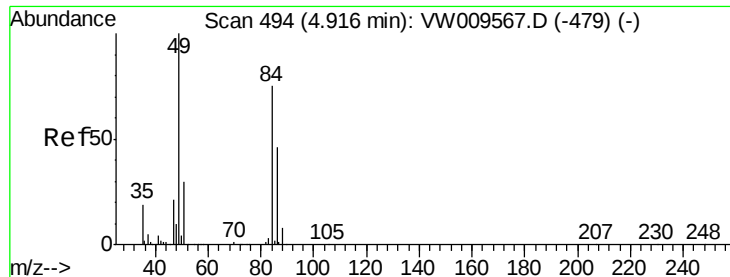
4000

2000

0

Time--> 4.00 4.10 4.20

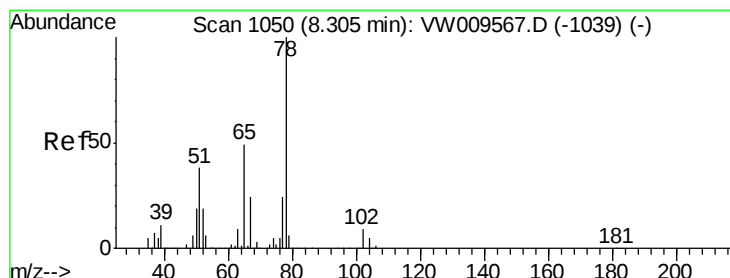
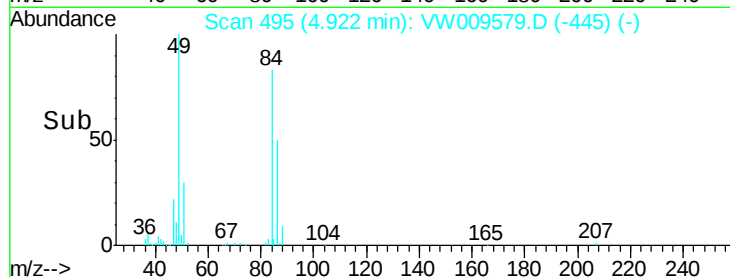
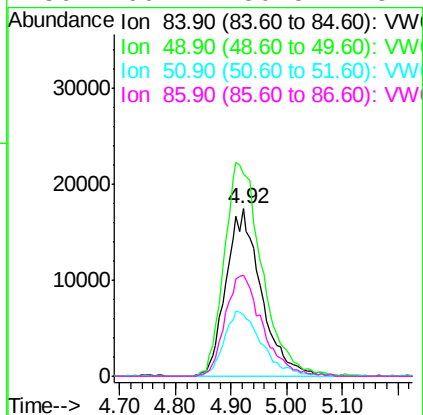
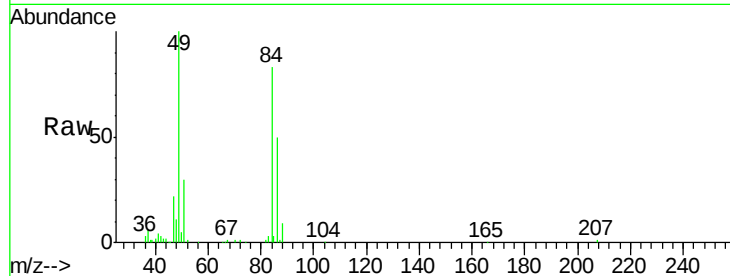




#20
Methylene Chloride
Concen: 30.617 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

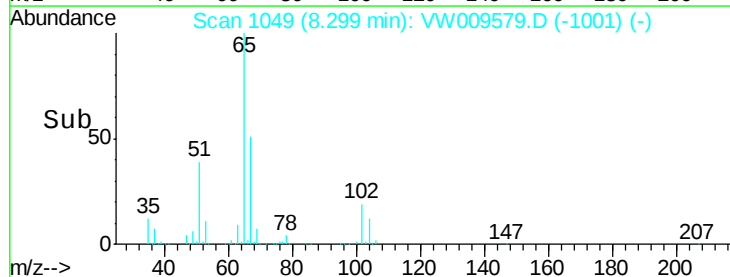
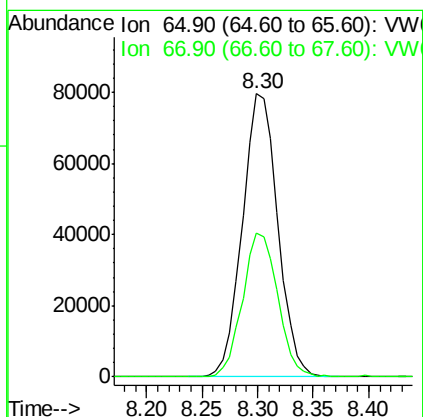
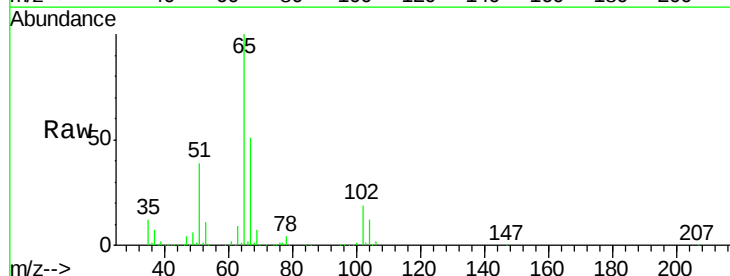
Instrument :
MSVOA_W
ClientSampleId :
S7B(14)

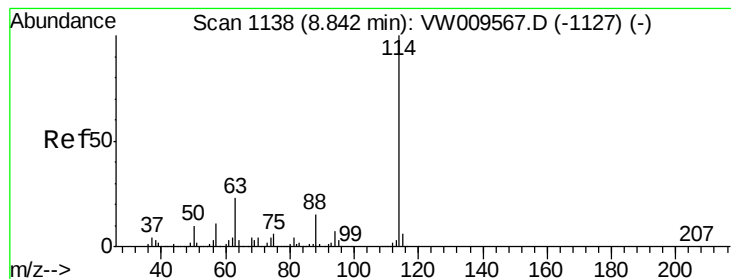
Tot Ion: 84 Resp: 76943
Ion Ratio Lower Upper
84 100
49 121.1 99.1 148.7
51 36.4 28.7 43.1
86 60.7 50.5 75.7



#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





#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

ClientSampleId :

S7B(14)

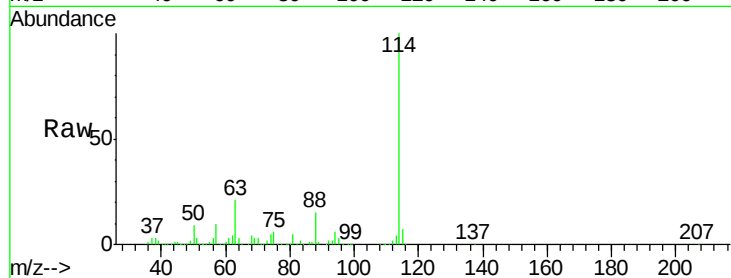
Tot Ion:114 Resp: 410830

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

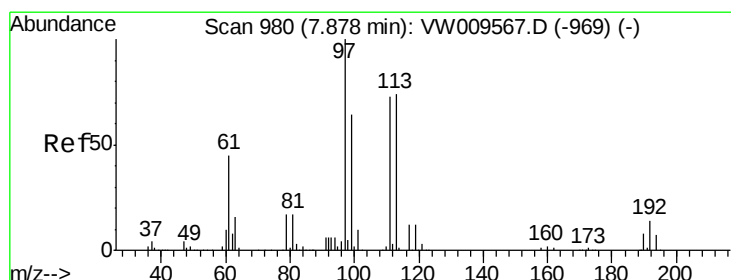
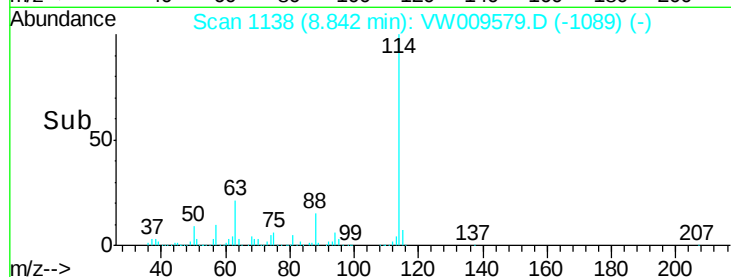
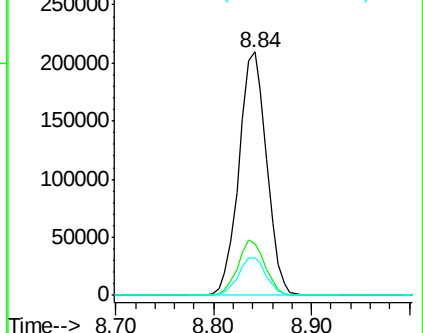
88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#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

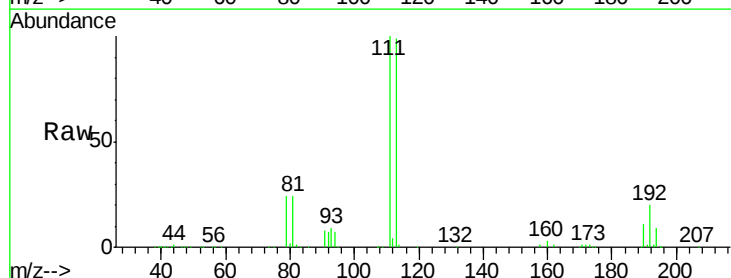
Tgt Ion:113 Resp: 142601

Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

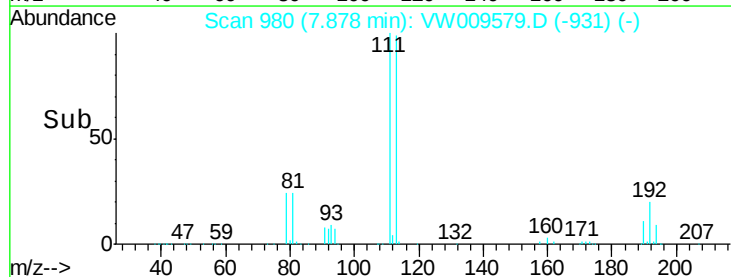
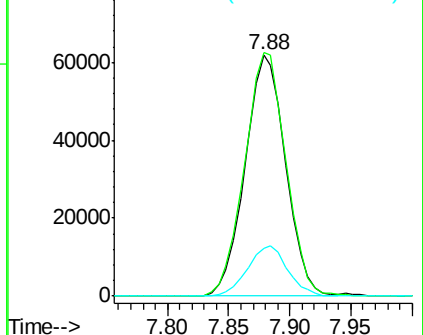
192 20.7 16.4 24.6

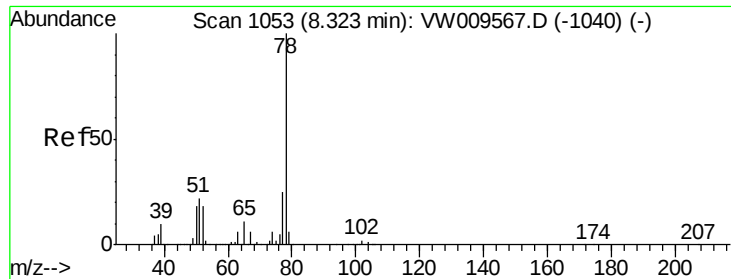


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

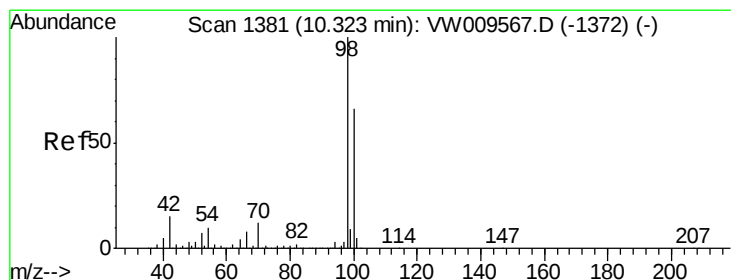
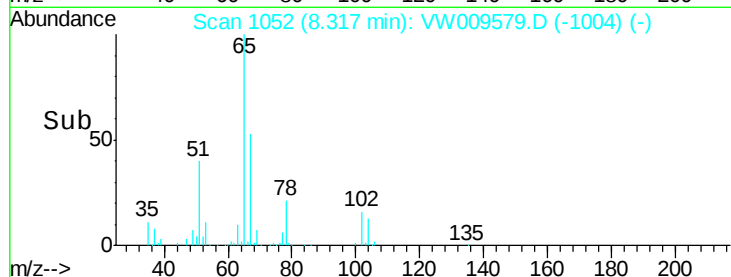
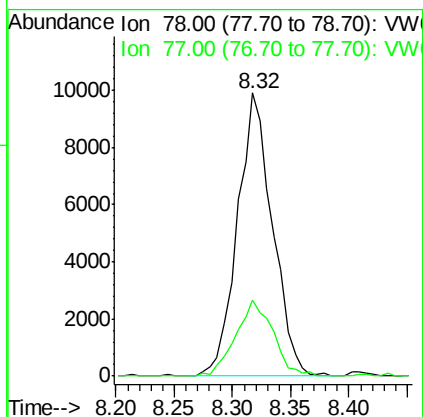
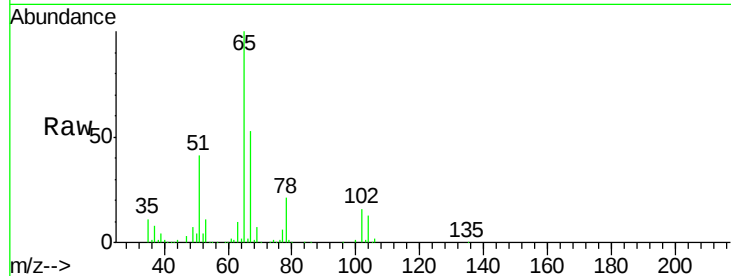




#40
Benzene
Concen: 1.804 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

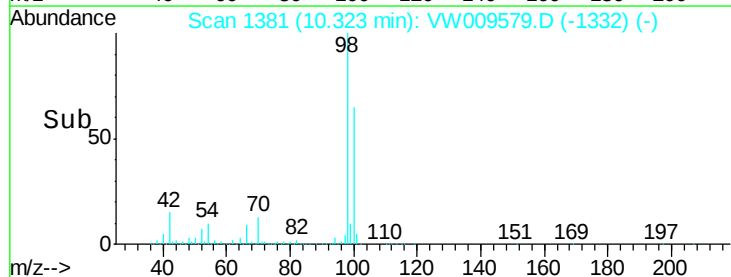
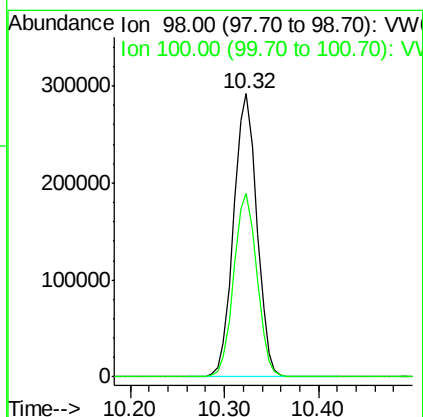
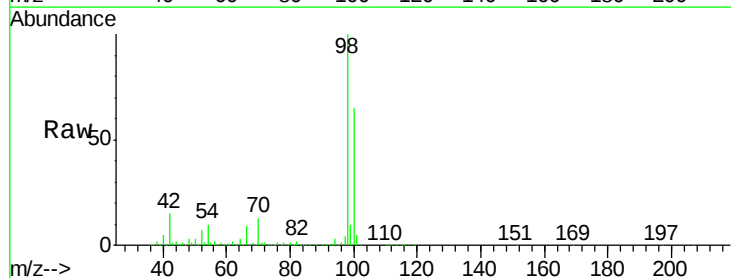
Instrument :
MSVOA_W
ClientSampled :
S7B(14)

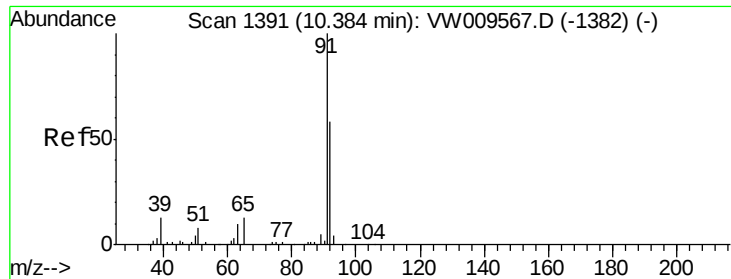
Tot Ion: 78 Resp: 20760
Ion Ratio Lower Upper
78 100
77 26.7 19.8 29.6



#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 :

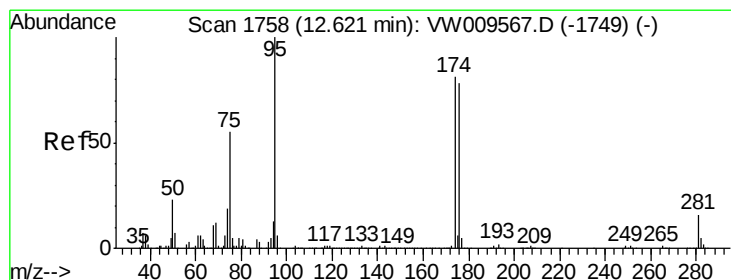
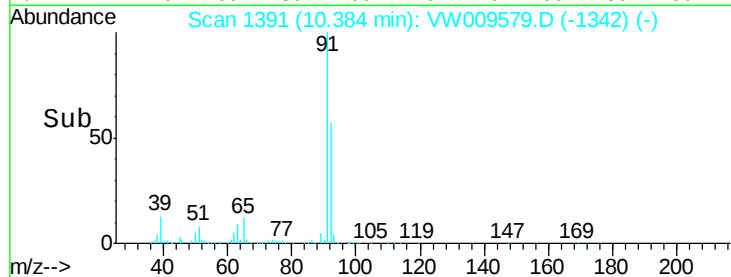
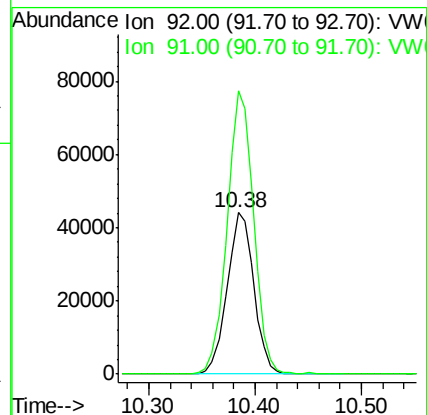
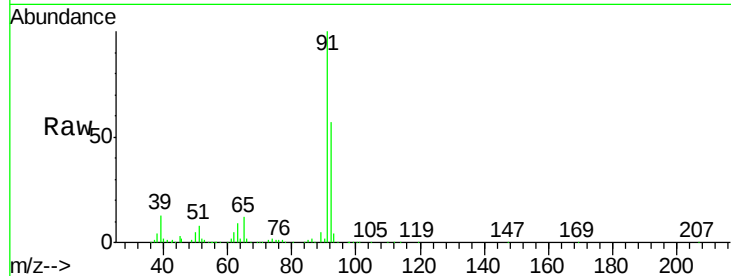
S7B(14)

Tot Ion: 92 Resp: 77408

Ion Ratio Lower Upper

92 100

91 173.2 140.1 210.1



#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

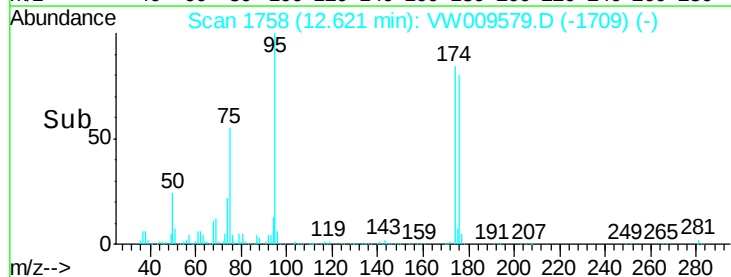
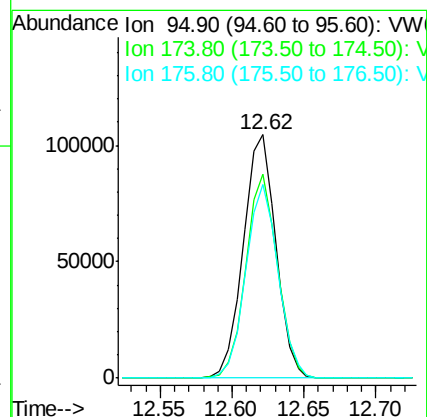
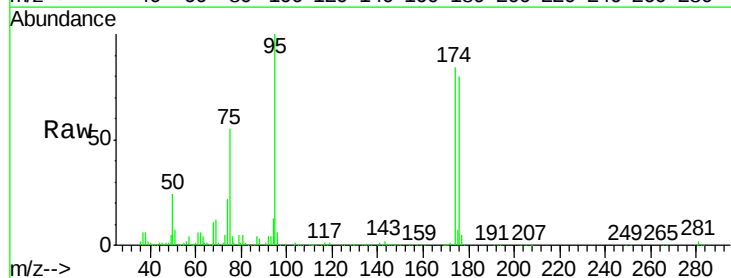
Tgt Ion: 95 Resp: 163664

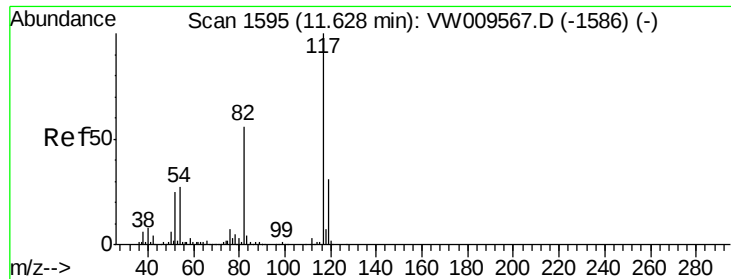
Ion Ratio Lower Upper

95 100

174 81.5 0.0 168.4

176 78.8 0.0 161.6

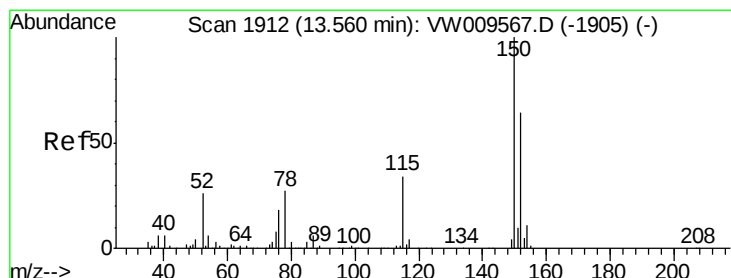
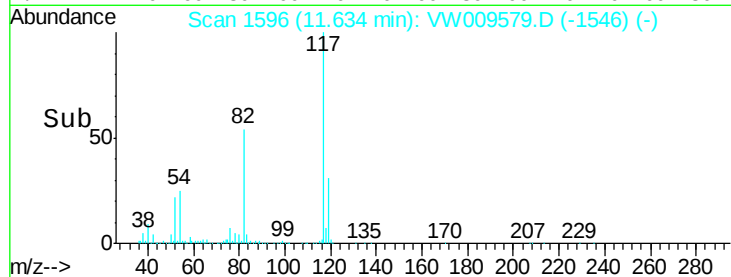
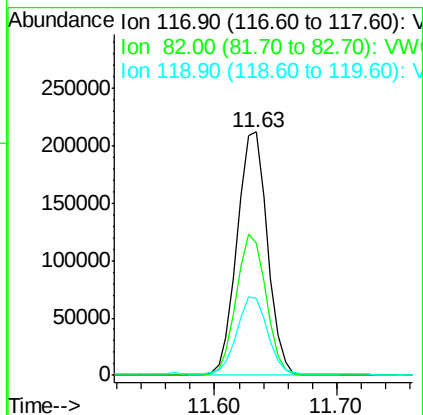
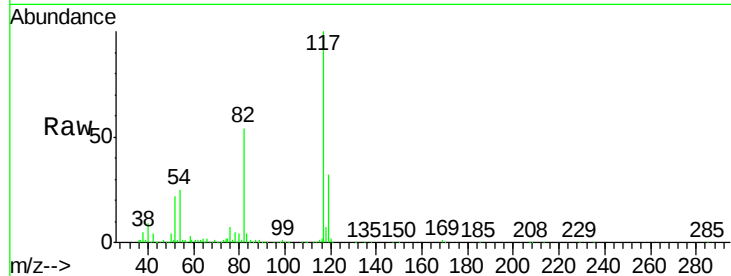




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009579.D
Acq: 29 Mar 2019 18:42

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

