

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009617.D
 Acq On : 31 Mar 2019 18:09
 Operator : SY/VA
 Sample : K2138-13
 Misc : 3.96G/5.0ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S6A(20)

Quant Time: Apr 01 05:45:57 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

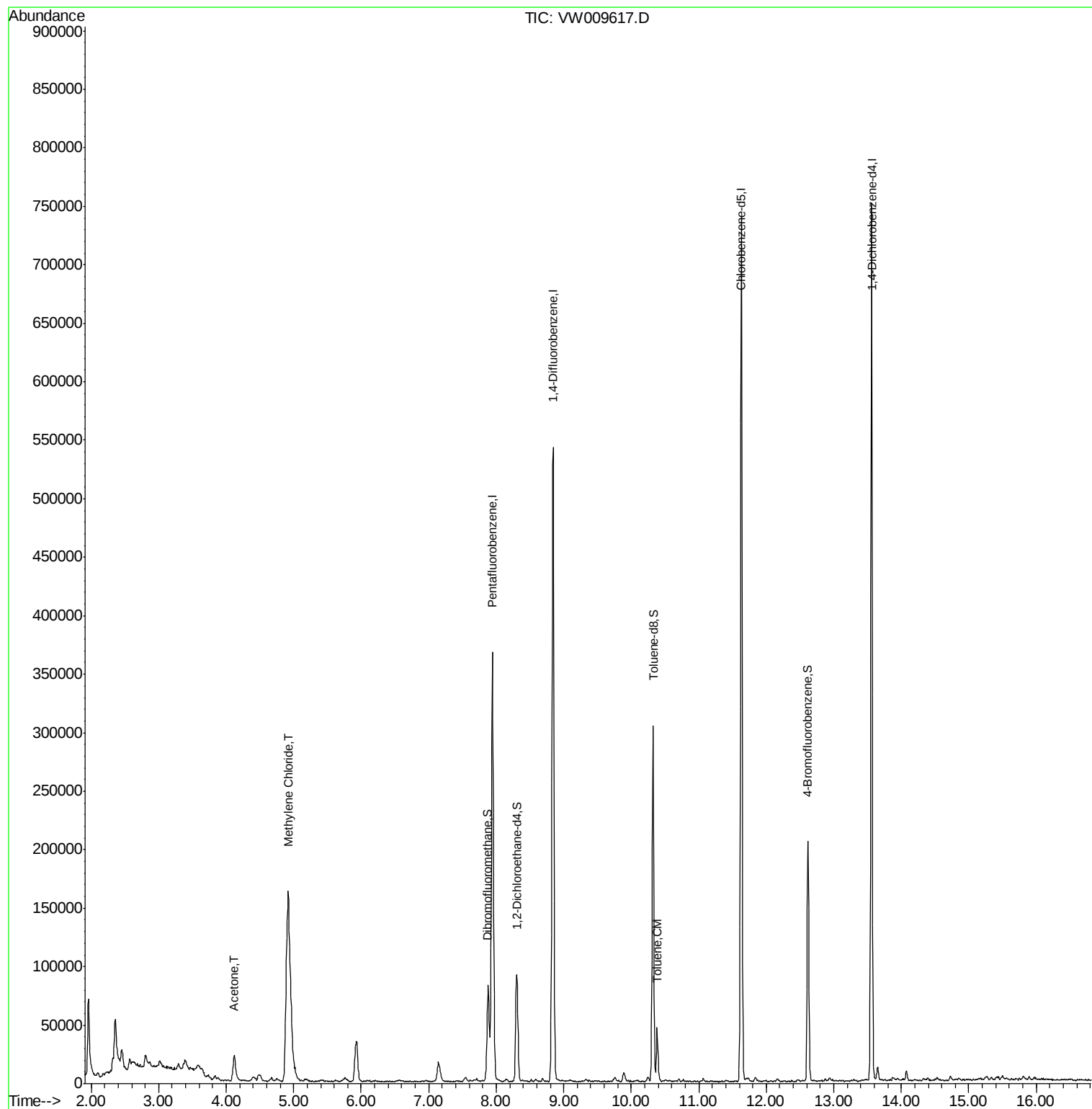
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70413	24.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.58%	
35) Dibromofluoromethane	7.88	113	56511	21.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	42.30%	
50) Toluene-d8	10.32	98	188601	19.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.20%	
62) 4-Bromofluorobenzene	12.62	95	60743	16.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.98%	
Target Compounds						
16) Acetone	4.12	43	37549	57.600	ug/l	94
20) Methylene Chloride	4.92	84	162287	64.588	ug/l	94
52) Toluene	10.39	92	17535	2.350	ug/l	97

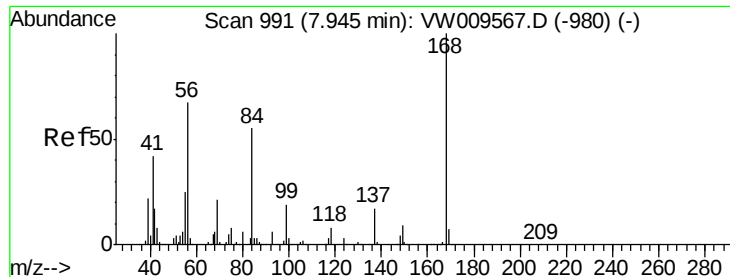
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009617.D

Acq: 31 Mar 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

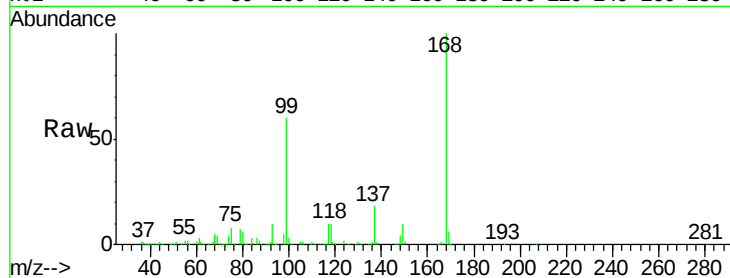
S6A(20)

Tot Ion:168 Resp: 253549

Ion Ratio Lower Upper

168 100

99 60.2 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

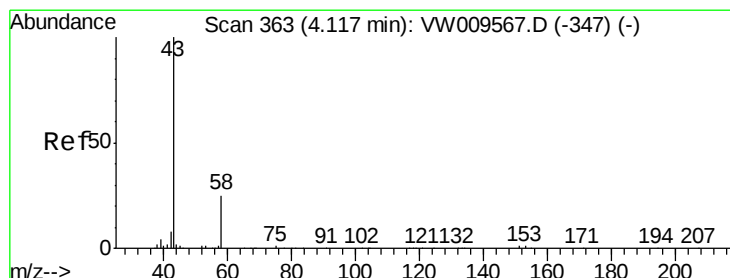
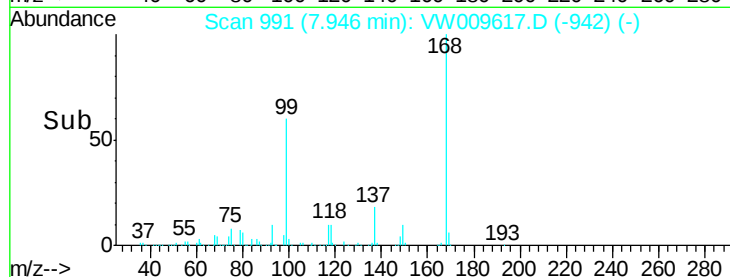
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 57.600 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009617.D

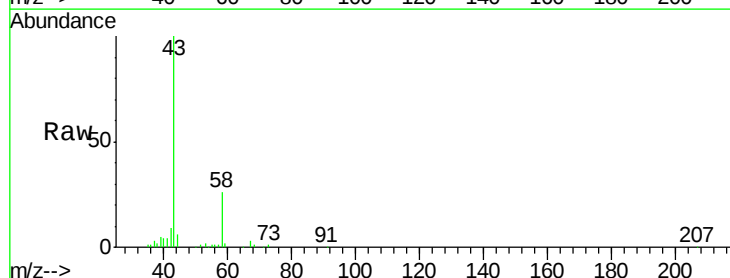
Acq: 31 Mar 2019 18:09

Tgt Ion: 43 Resp: 37549

Ion Ratio Lower Upper

43 100

58 26.5 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

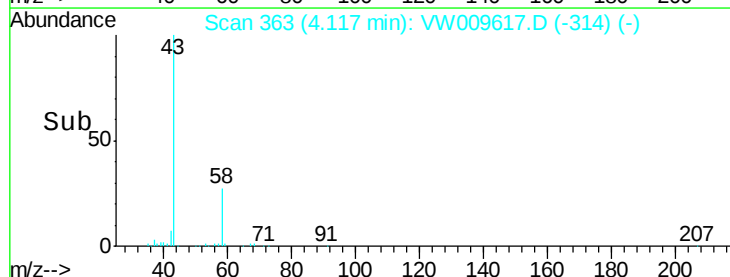
15000

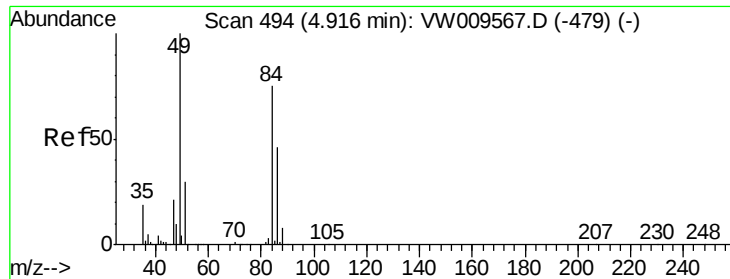
10000

5000

0

Time--> 4.00 4.10 4.20

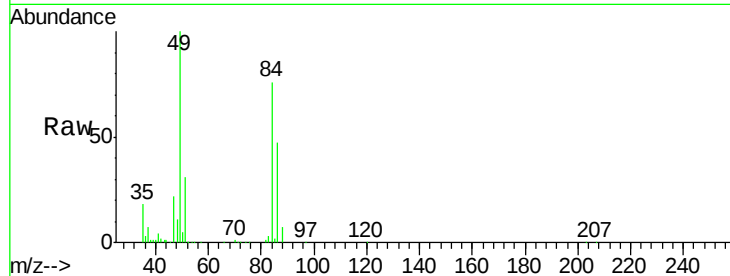




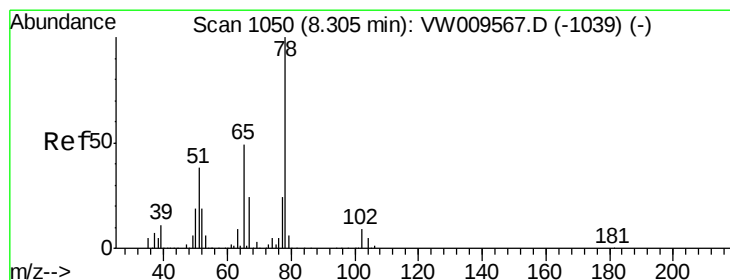
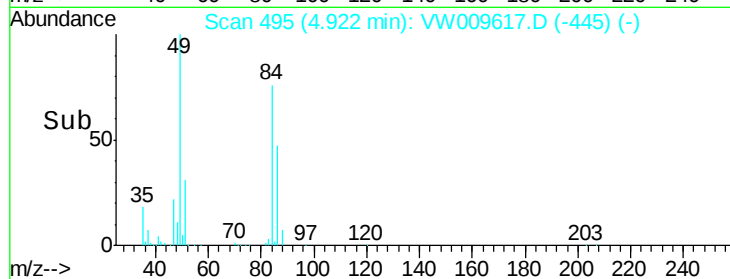
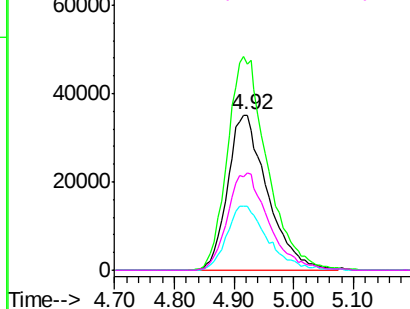
#20
Methylene Chloride
Concen: 64.588 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009617.D
Acq: 31 Mar 2019 18:09

Instrument :
MSVOA_W
ClientSampleId :
S6A(20)

Tot Ion: 84 Resp: 162287
Ion Ratio Lower Upper
84 100
49 132.2 99.1 148.7
51 41.7 28.7 43.1
86 62.3 50.5 75.7

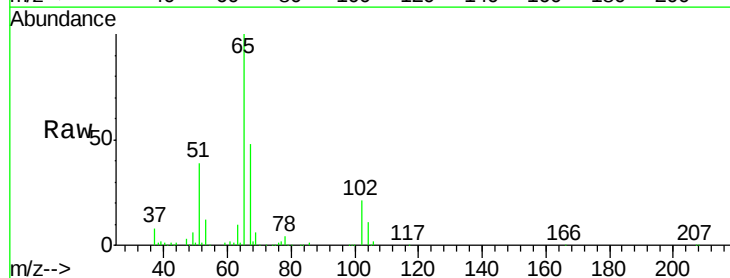


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

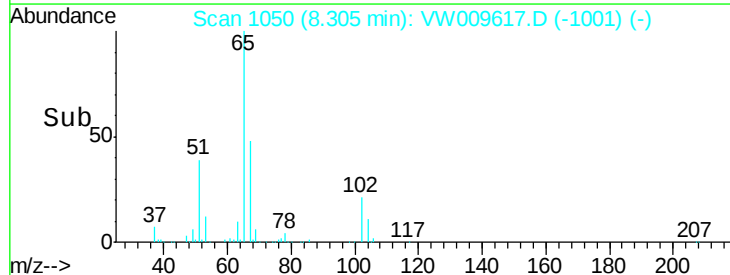
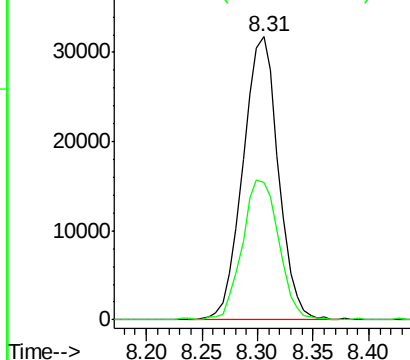


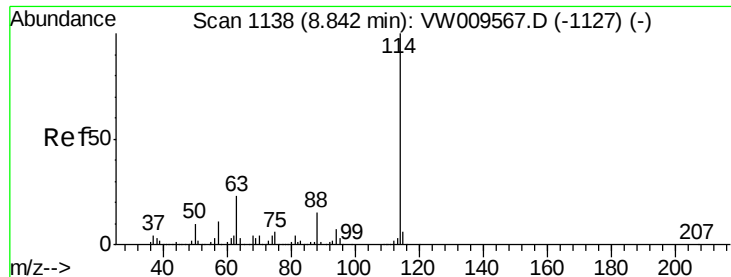
#33
1,2-Dichloroethane-d4
Concen: 24.285 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009617.D
Acq: 31 Mar 2019 18:09

Tgt Ion: 65 Resp: 70413
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

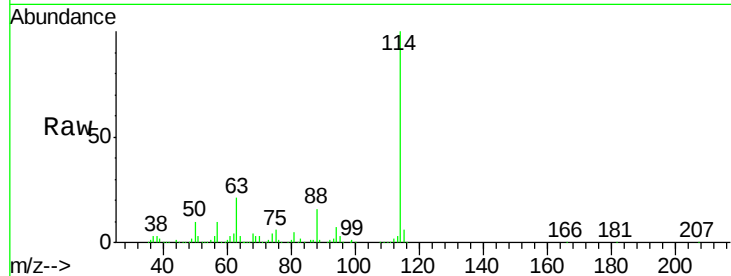




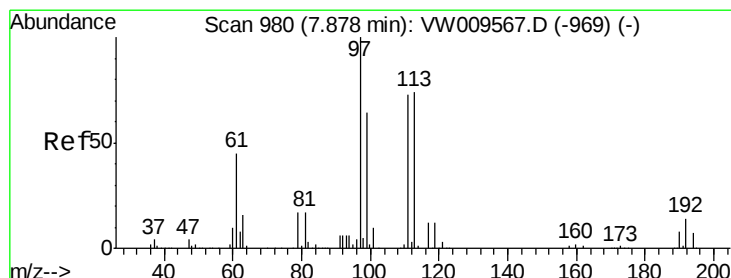
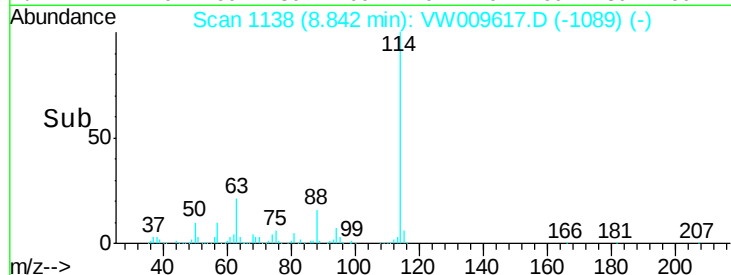
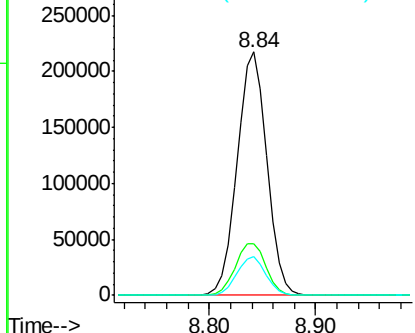
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW009617.D
Acq: 31 Mar 2019 18:09

Instrument :
MSVOA_W
ClientSampleId :
S6A(20)

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.2
88	15.9	0.0	30.8

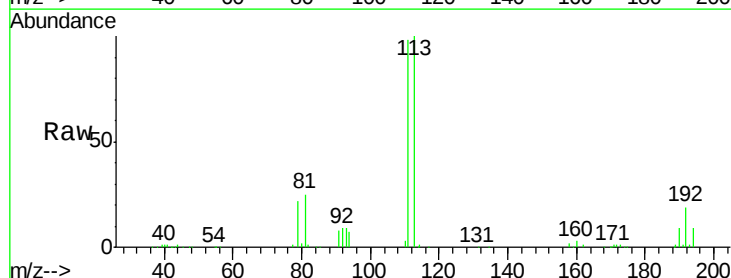


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

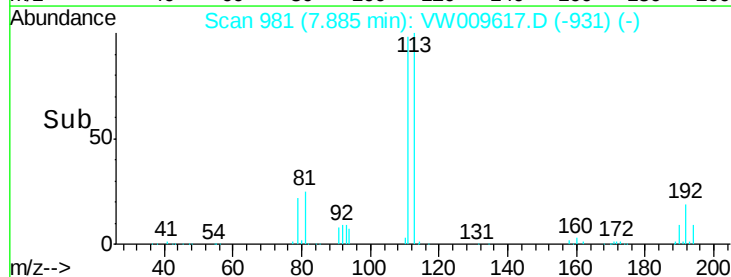
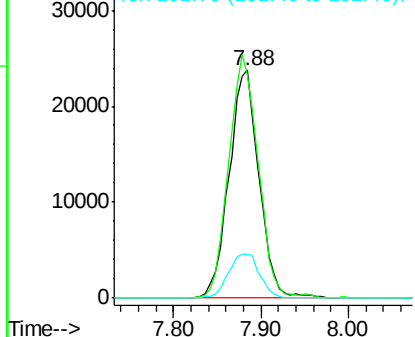


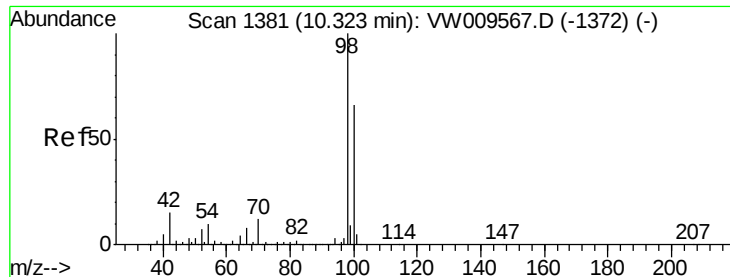
#35
Dibromofluoromethane
Concen: 21.154 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW009617.D
Acq: 31 Mar 2019 18:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.6	124.0
192	20.1	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





#50

Toluene-d8

Concen: 19.101 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009617.D

Acq: 31 Mar 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

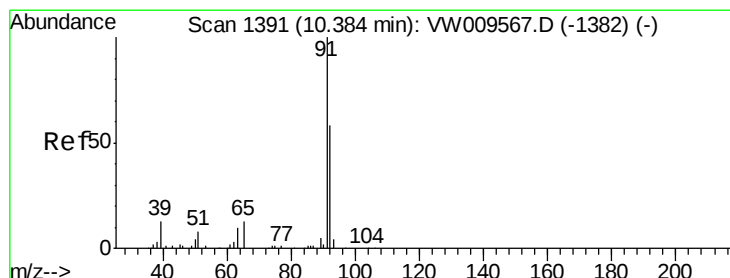
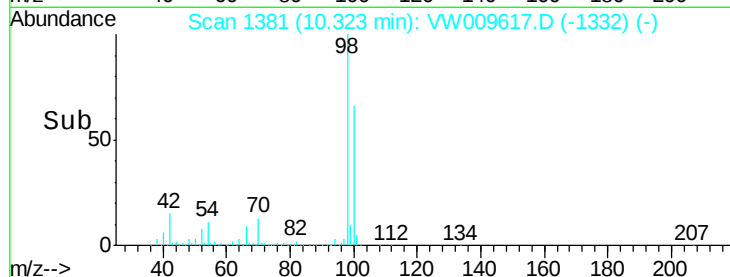
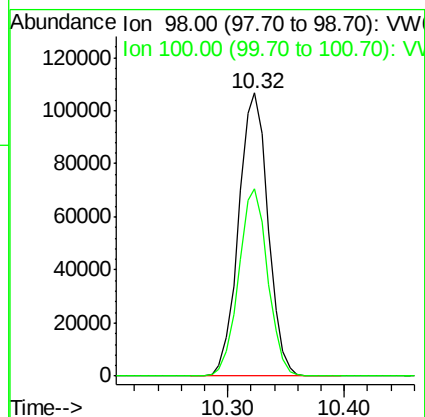
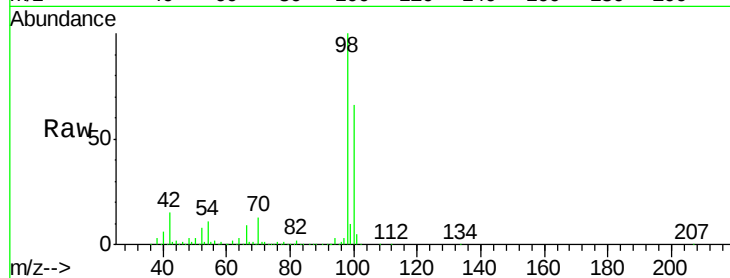
S6A(20)

Tot Ion: 98 Resp: 188601

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#52

Toluene

Concen: 2.350 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009617.D

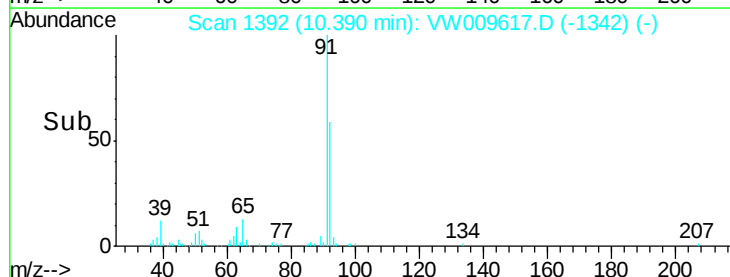
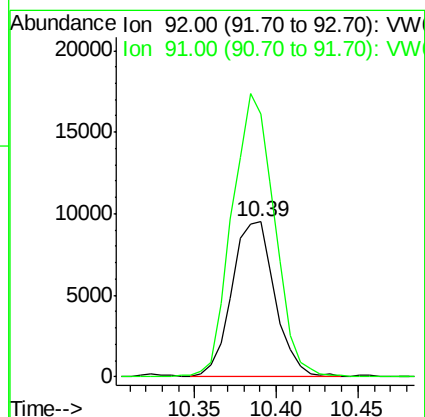
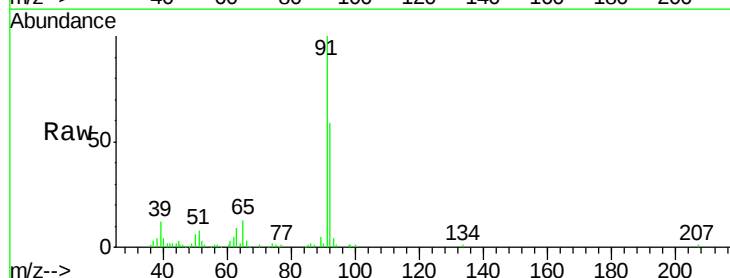
Acq: 31 Mar 2019 18:09

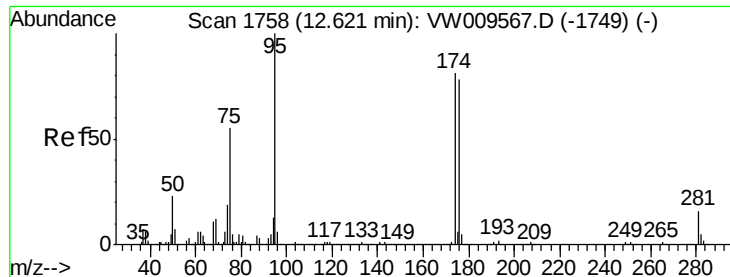
Tgt Ion: 92 Resp: 17535

Ion Ratio Lower Upper

92 100

91 179.6 140.1 210.1





#62

4-Bromofluorobenzene

Concen: 16.490 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009617.D

Acq: 31 Mar 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

S6A(20)

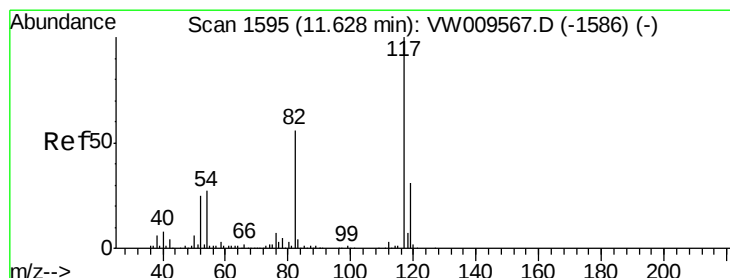
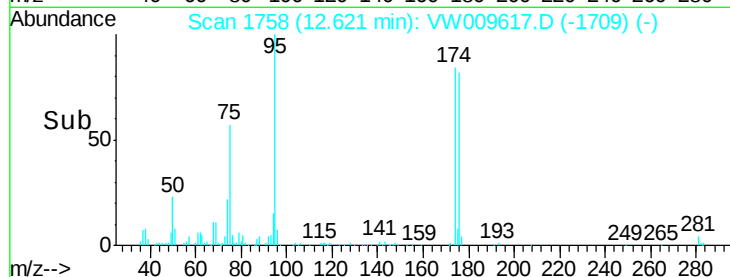
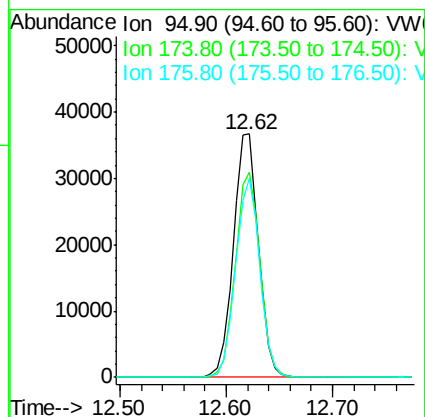
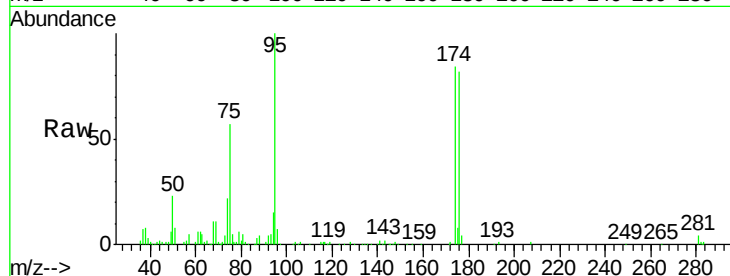
Tot Ion: 95 Resp: 60743

Ion Ratio Lower Upper

95 100

174 82.8 0.0 168.4

176 79.0 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: VW009617.D

Acq: 31 Mar 2019 18:09

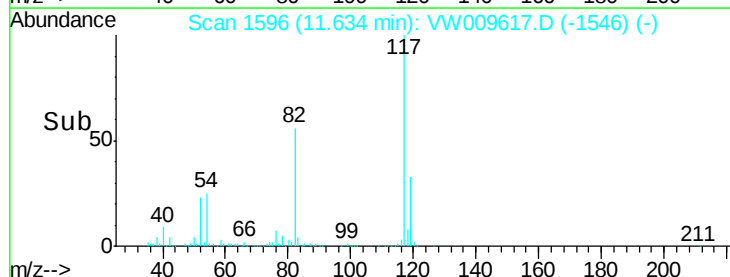
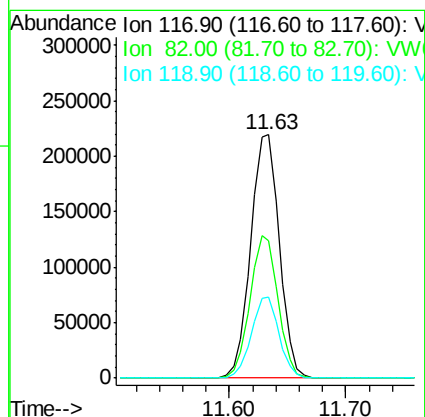
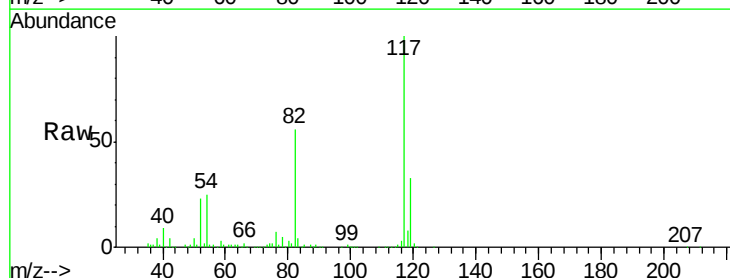
Tgt Ion: 117 Resp: 378403

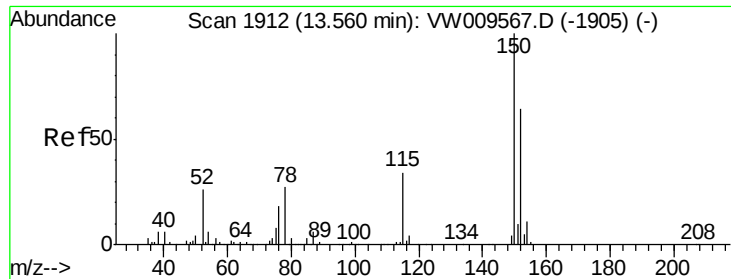
Ion Ratio Lower Upper

117 100

82 56.3 43.6 65.4

119 33.4 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: VW009617.D

Acq: 31 Mar 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

S6A(20)

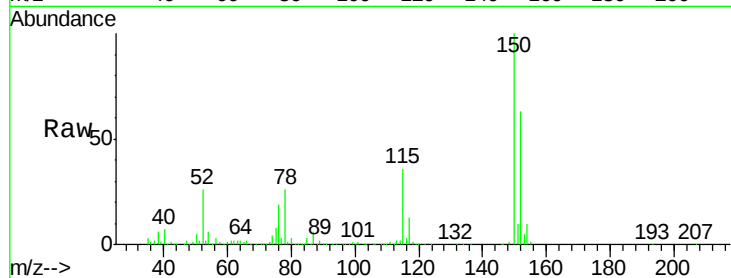
Tot Ion:152 Resp: 174330

Ion Ratio Lower Upper

152 100

115 58.8 29.6 88.8

150 158.1 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

