

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011036.D
 Acq On : 28 Jun 2019 00:54
 Operator : SY/VA
 Sample : K3507-03
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-062619-B

Quant Time: Jun 28 09:16:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

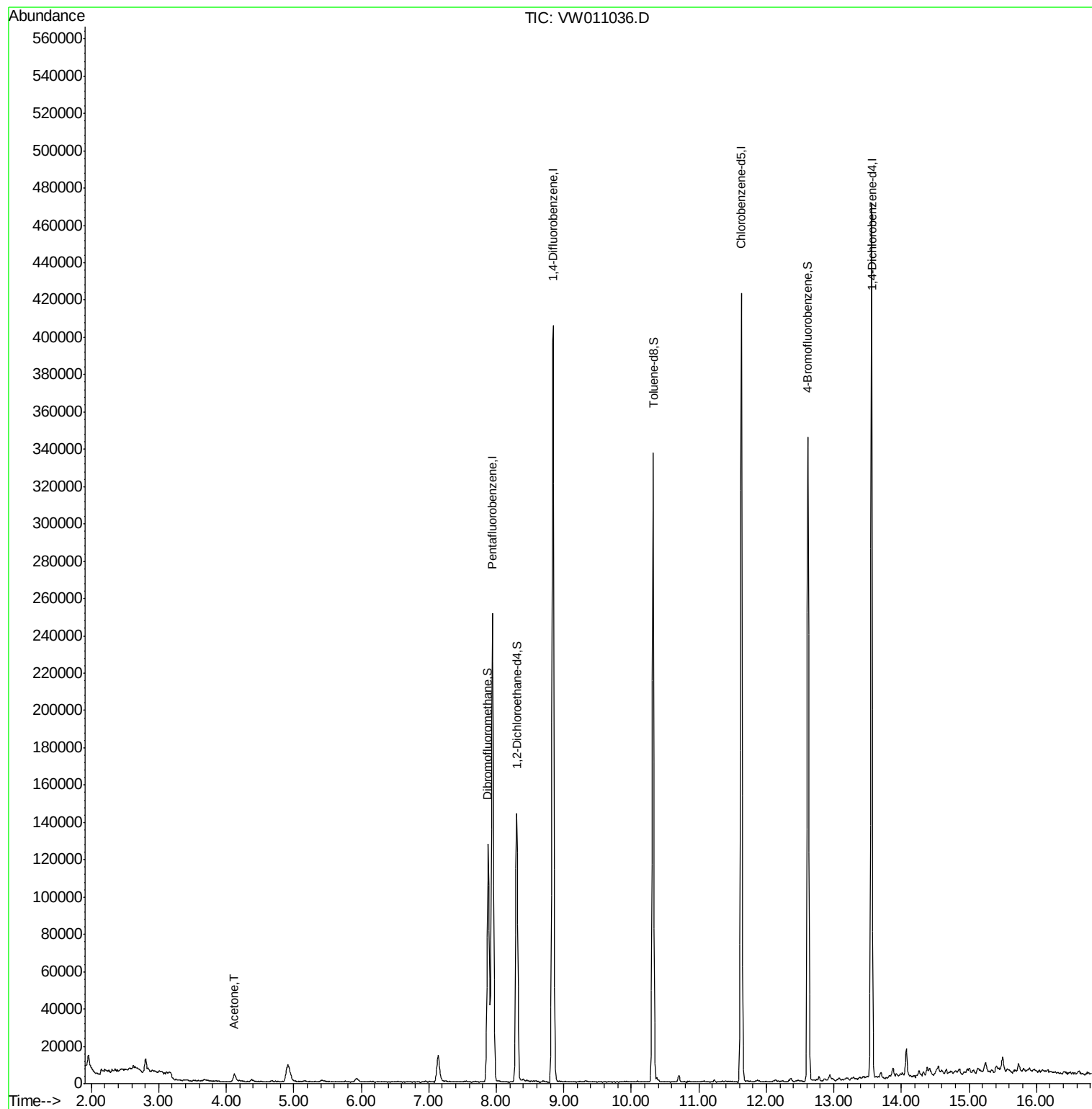
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	216916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	115407	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	89499	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
50) Toluene-d8	10.32	98	210118	26.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.30%	
62) 4-Bromofluorobenzene	12.62	95	112811	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
16) Acetone	4.12	43	7873	13.561	ug/l	Qvalue 91

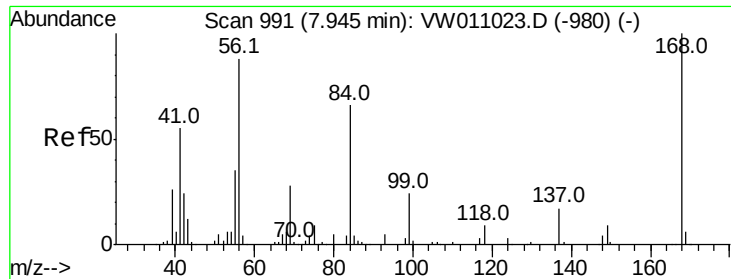
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 01:55:46 2019
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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: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

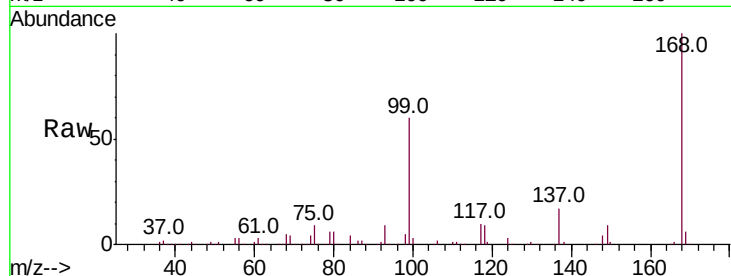
NB-07-062619-B

Tot Ion:168 Resp: 181944

Ion Ratio Lower Upper

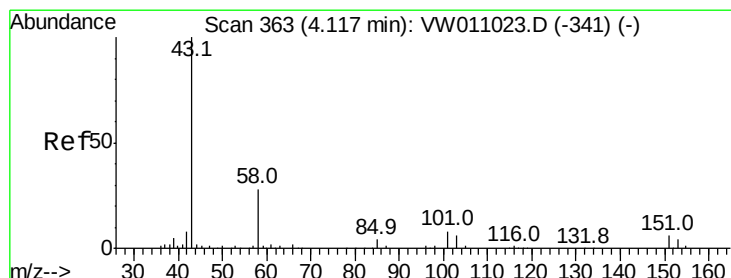
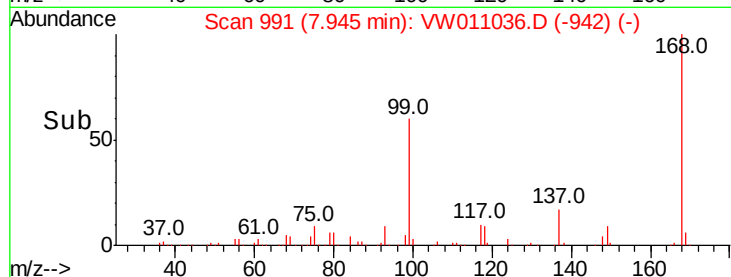
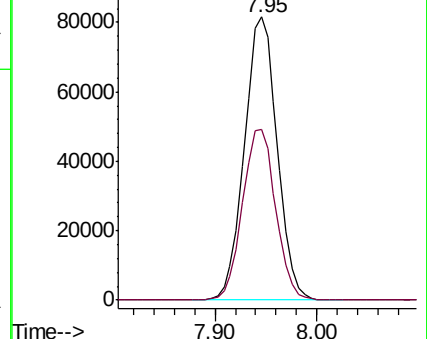
168 100

99 60.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.561 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011036.D

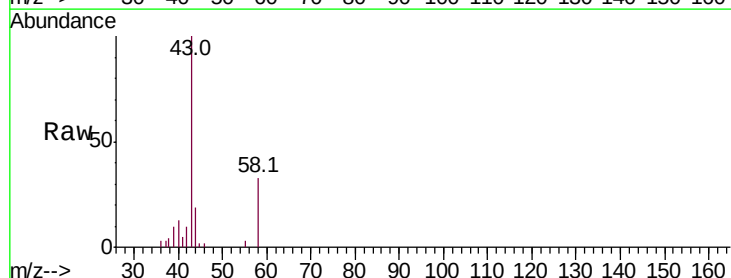
Acq: 28 Jun 2019 00:54

Tgt Ion: 43 Resp: 7873

Ion Ratio Lower Upper

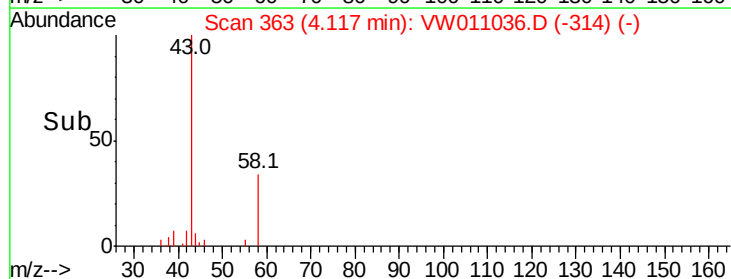
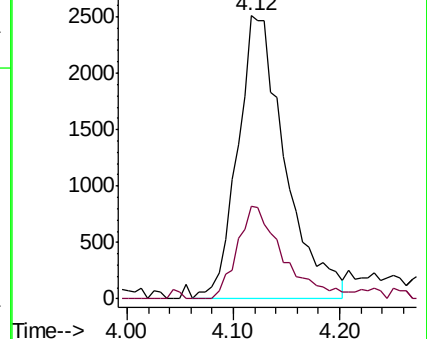
43 100

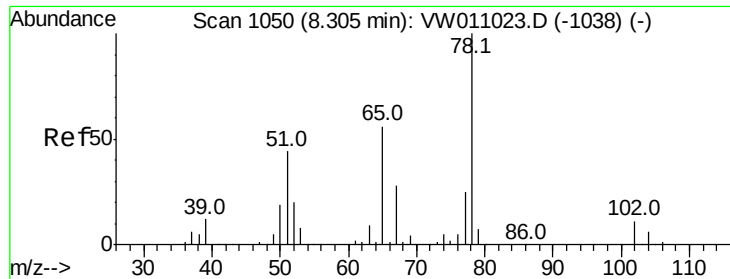
58 32.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

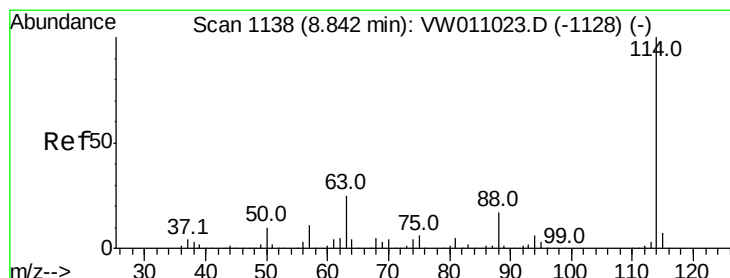
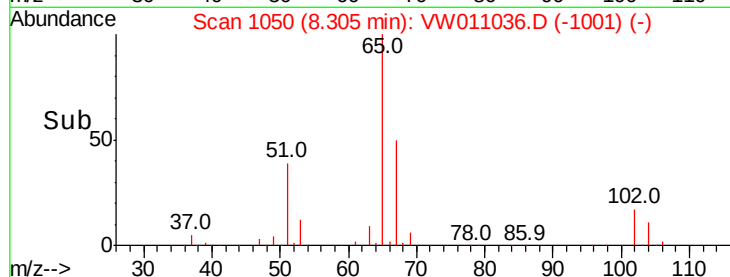
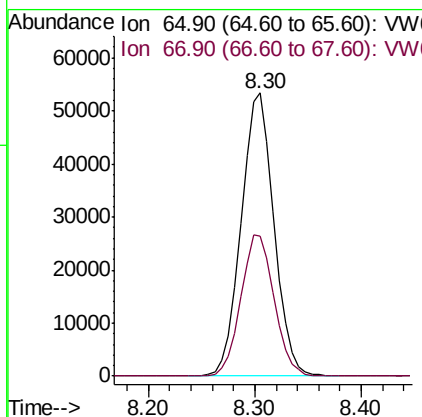
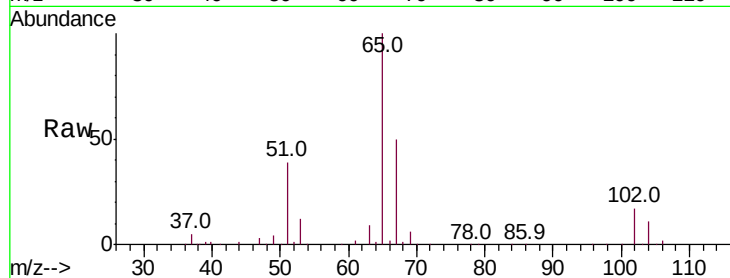




#33
 1,2-Dichloroethane-d4
 Concen: 48.521 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

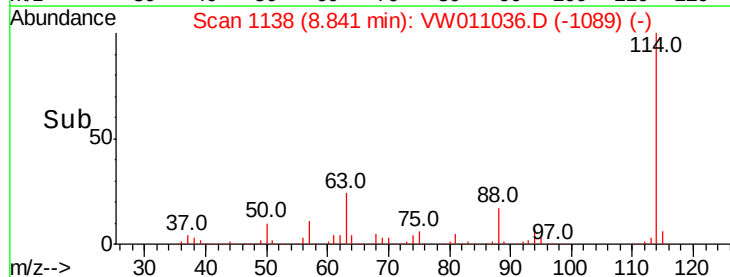
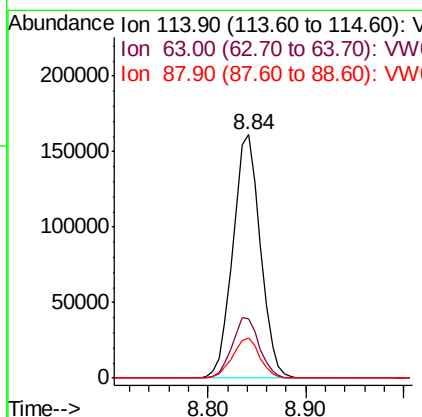
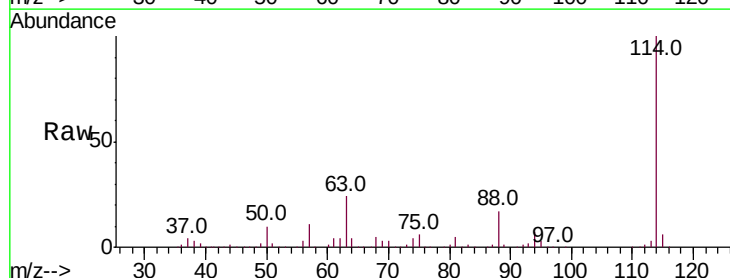
Instrument :
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 NB-07-062619-B

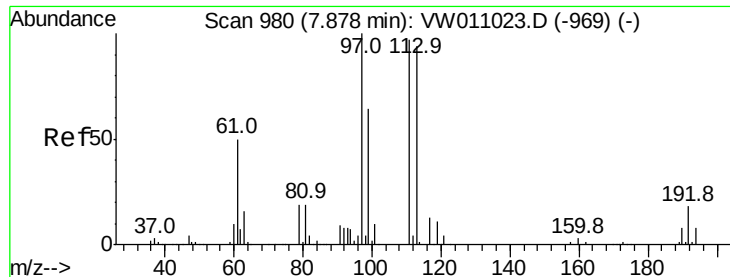
Tot Ion: 65 Resp: 115407
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

Tgt Ion: 114 Resp: 313650
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.6
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 46.729 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

NB-07-062619-B

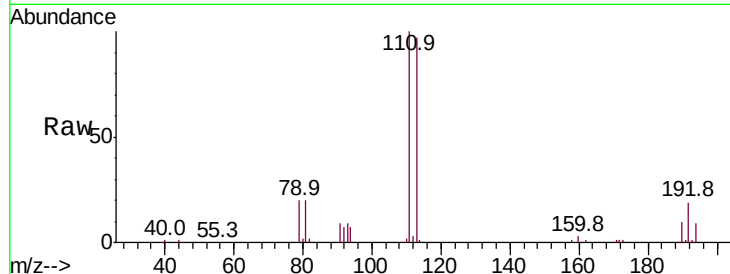
Tot Ion:113 Resp: 89499

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

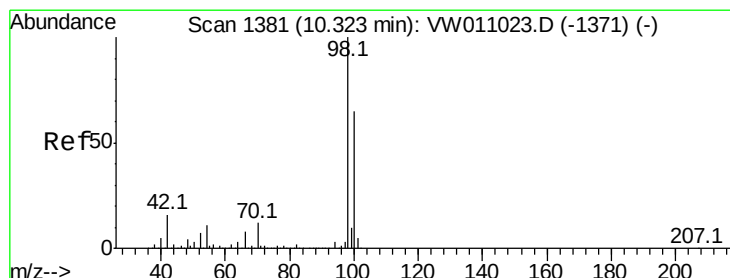
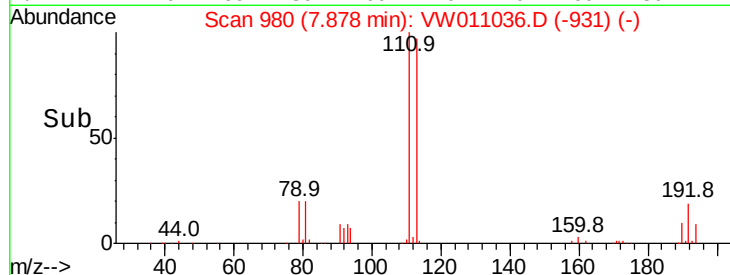
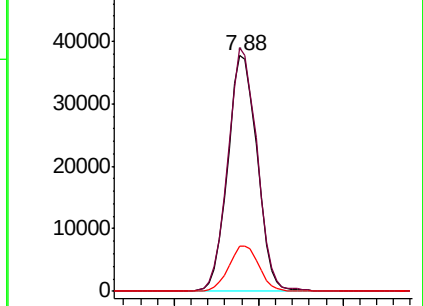
192 19.5 16.0 24.0



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: 26.652 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011036.D

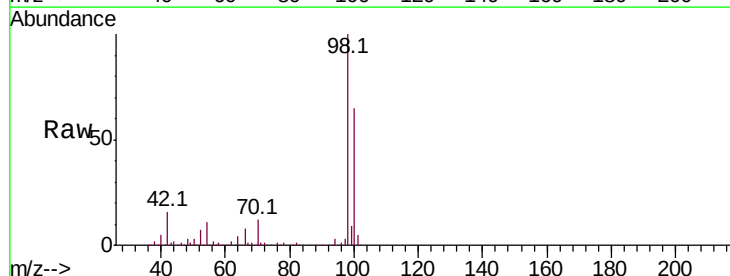
Acq: 28 Jun 2019 00:54

Tgt Ion: 98 Resp: 210118

Ion Ratio Lower Upper

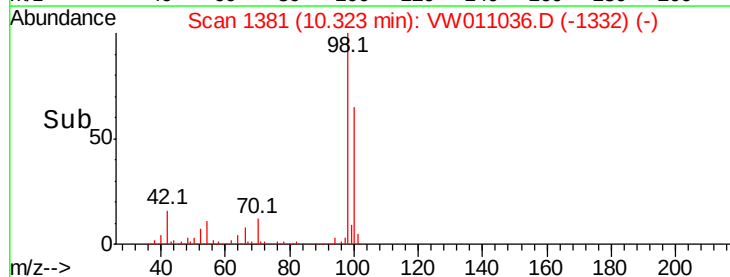
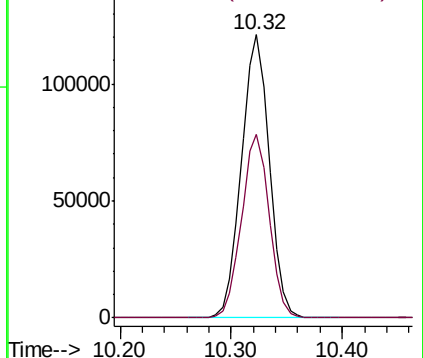
98 100

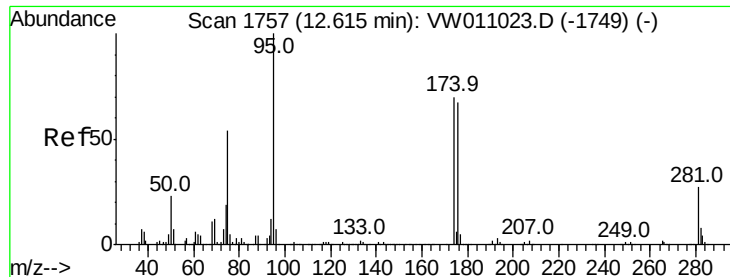
100 64.7 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

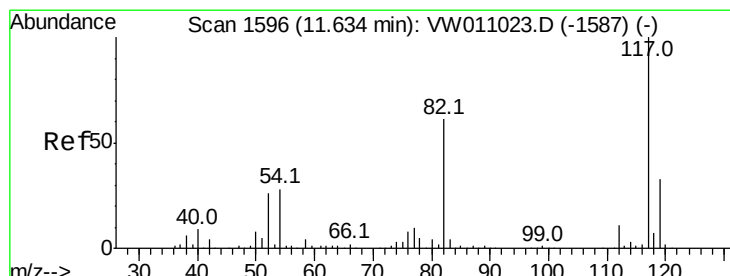
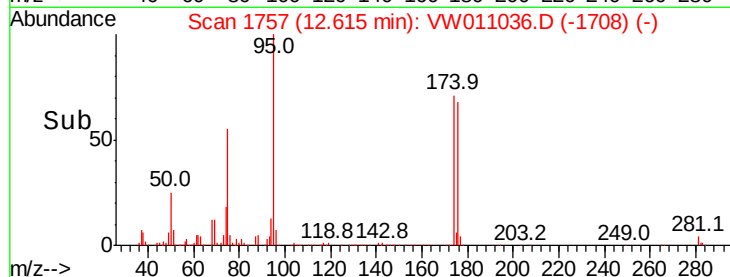
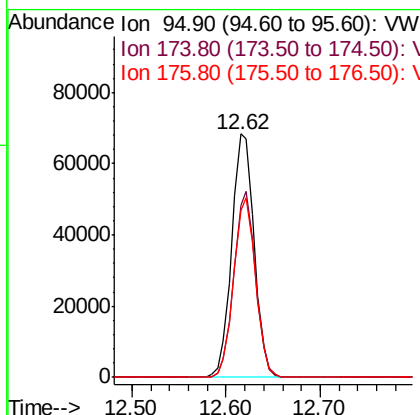
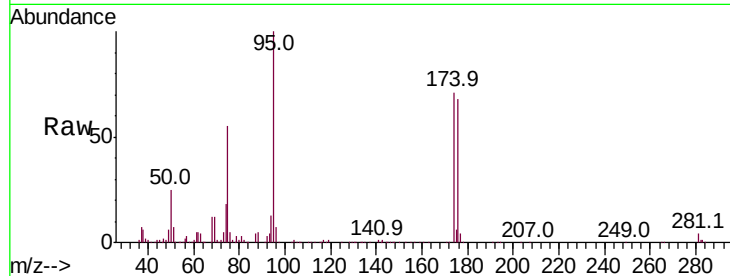




#62
4-Bromofluorobenzene
Concen: 39.123 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

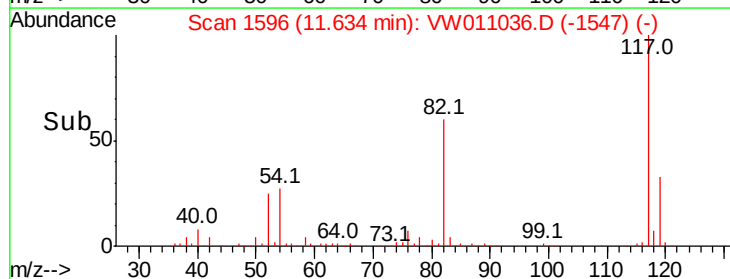
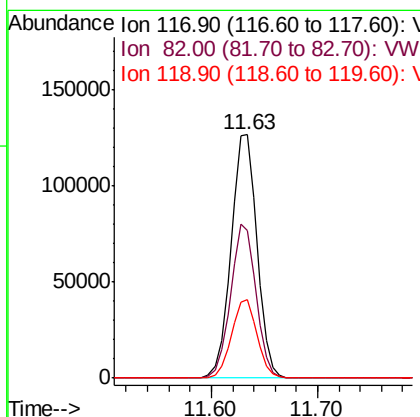
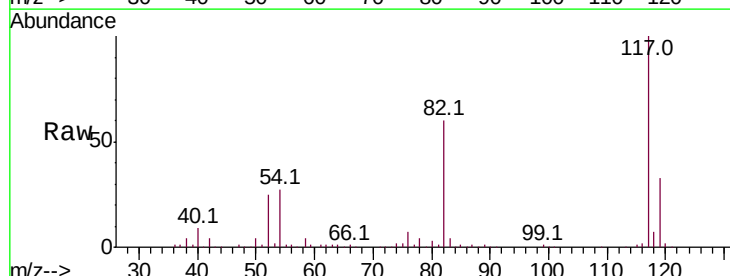
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-B

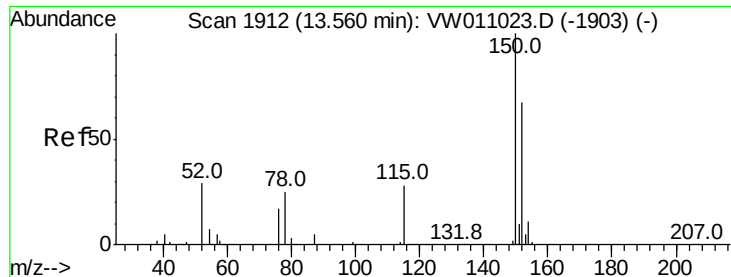
Tot Ion: 95 Resp: 112811
Ion Ratio Lower Upper
95 100
174 73.5 0.0 149.2
176 72.0 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 117 Resp: 216916
Ion Ratio Lower Upper
117 100
82 60.4 48.6 73.0
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

NB-07-062619-B

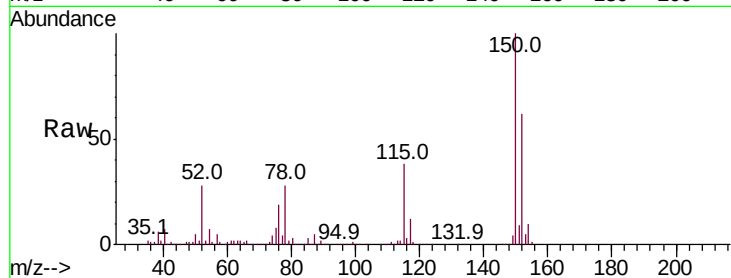
Tot Ion:152 Resp: 110469

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

150 157.7 0.0 341.8



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

