

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011045.D
 Acq On : 28 Jun 2019 05:05
 Operator : SY/VA
 Sample : K3159-11
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-062619-B

Quant Time: Jun 28 09:05:05 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

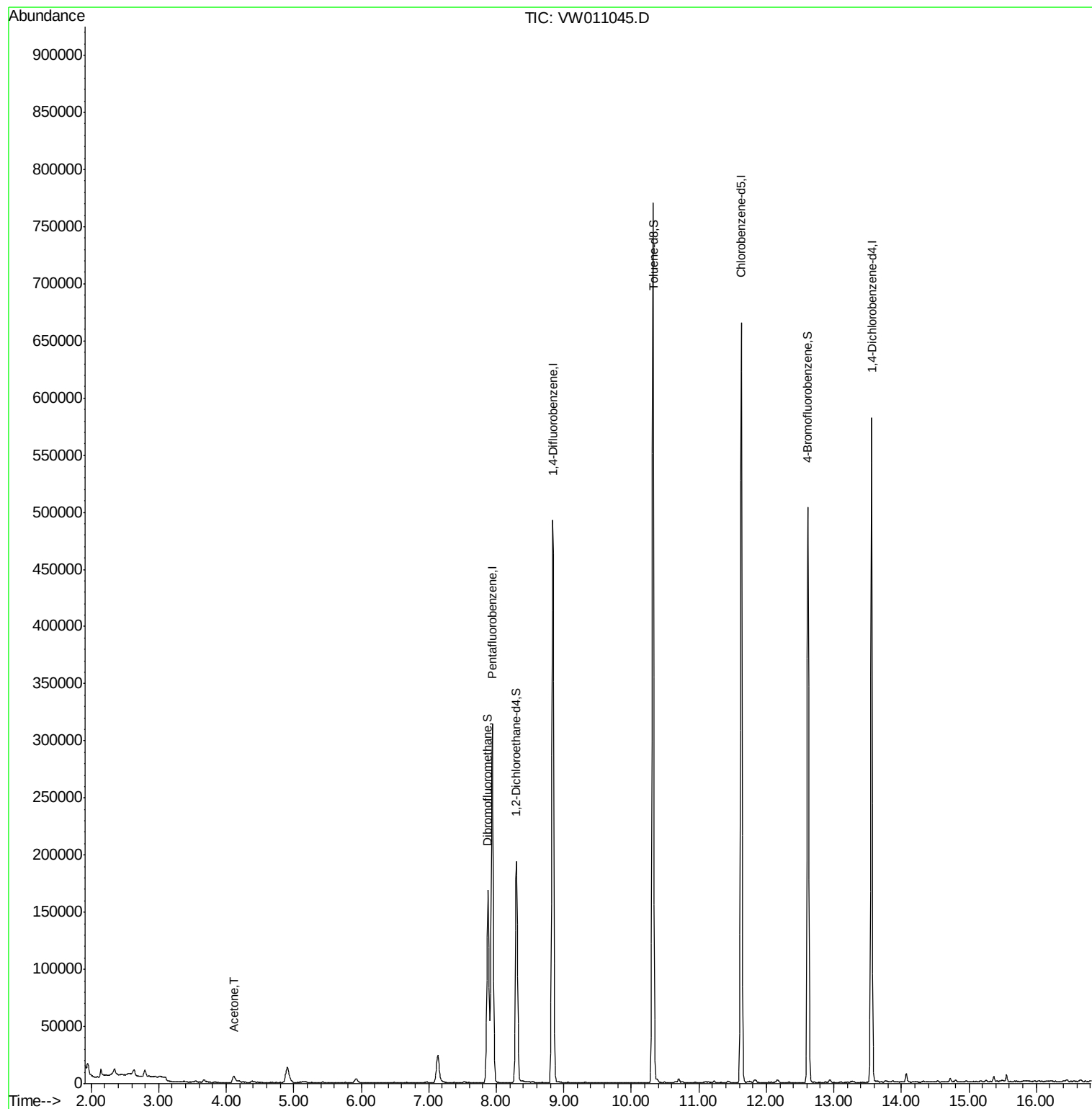
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155549	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
35) Dibromofluoromethane	7.88	113	118170	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.32	98	481890	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	162973	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
16) Acetone	4.11	43	11783	16.446	ug/l	Qvalue 90

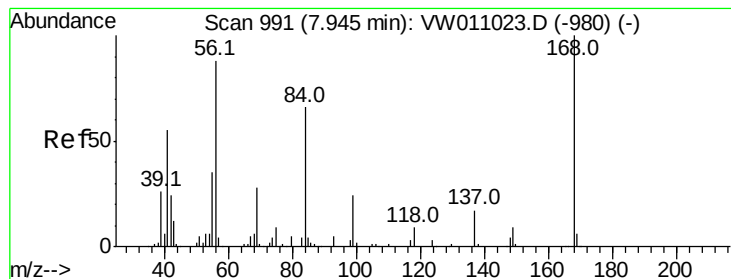
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

ClientSampleId :

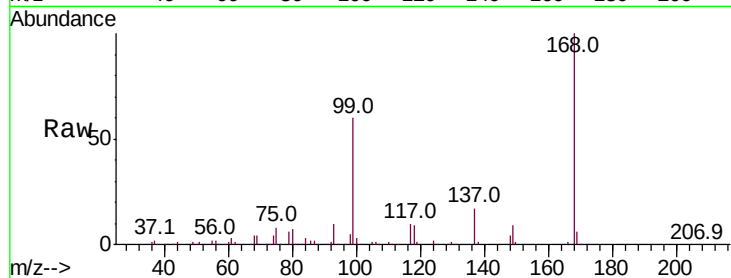
OR-03-062619-B

Tot Ion:168 Resp: 224536

Ion Ratio Lower Upper

168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

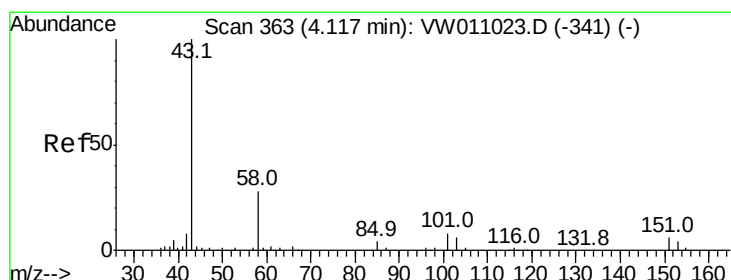
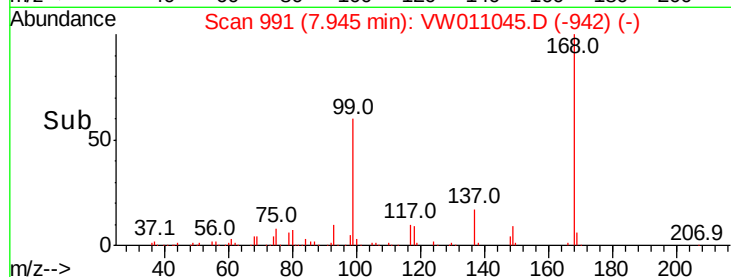
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 16.446 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011045.D

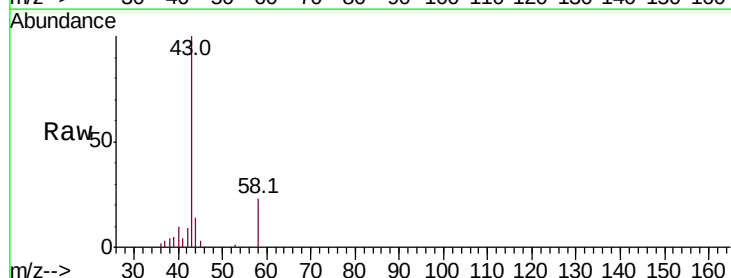
Acq: 28 Jun 2019 05:05

Tgt Ion: 43 Resp: 11783

Ion Ratio Lower Upper

43 100

58 22.8 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

4000

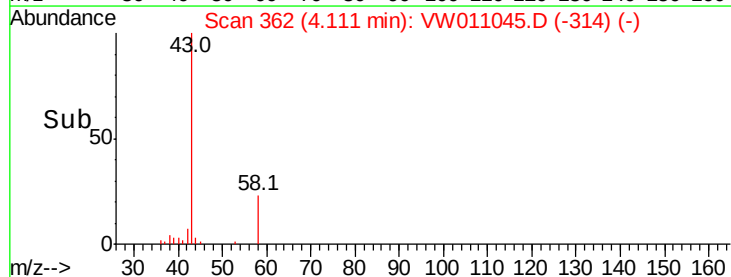
3000

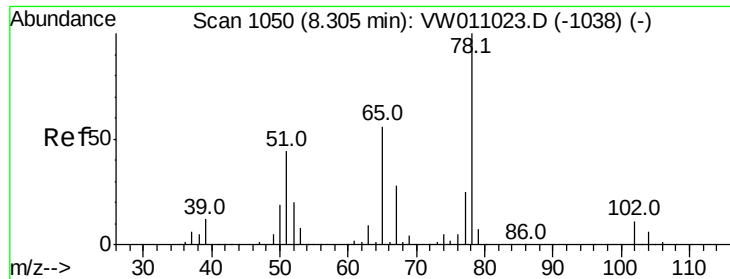
2000

1000

0

Time--> 4.00 4.10 4.20 4.30

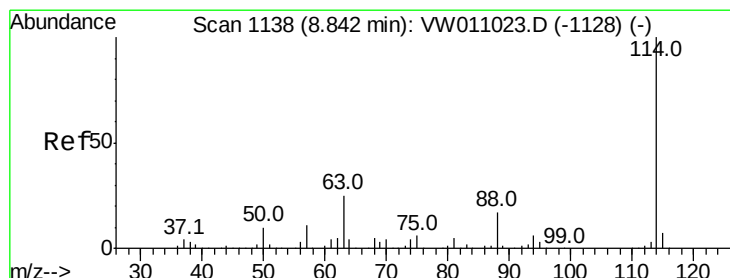
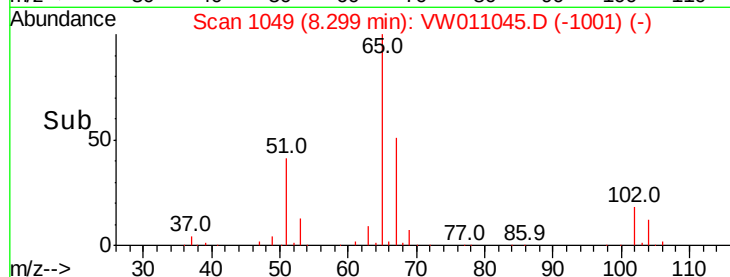
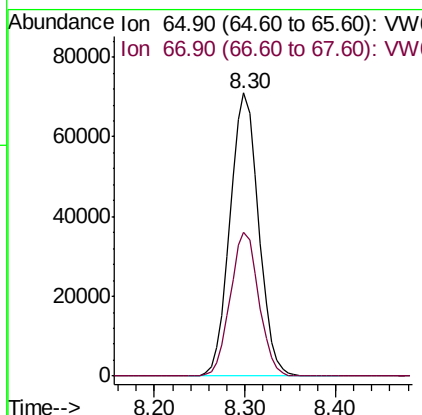
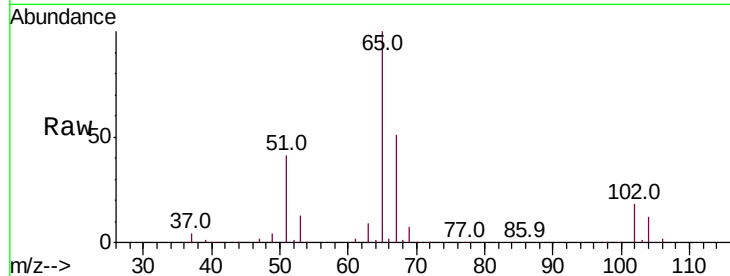




#33
 1,2-Dichloroethane-d4
 Concen: 52.993 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

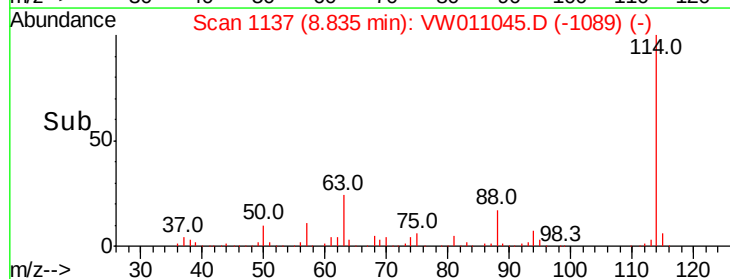
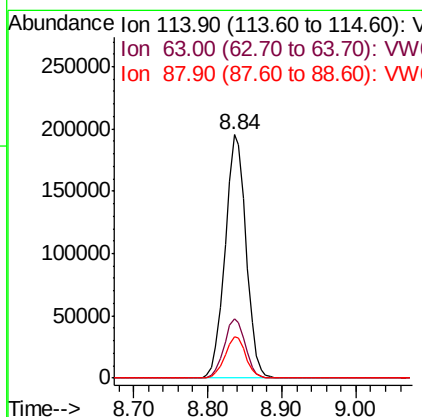
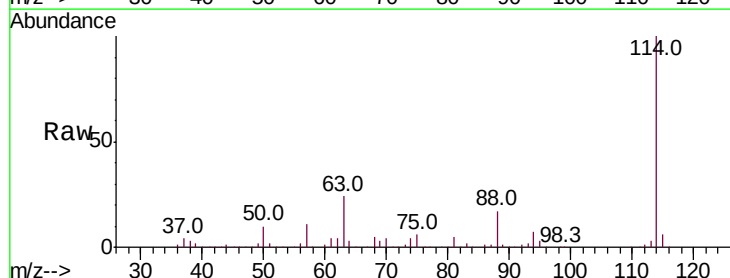
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-062619-B

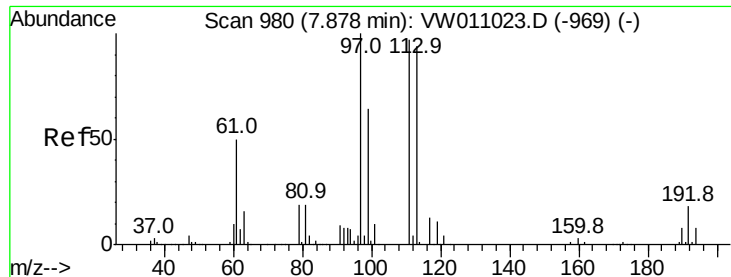
Tot Ion: 65 Resp: 155549
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

Tgt Ion: 114 Resp: 383001
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 50.6
 88 16.8 0.0 34.0

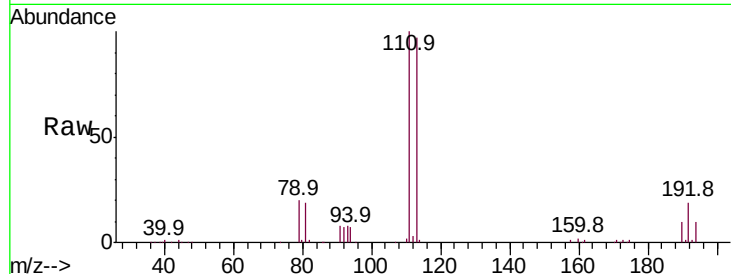




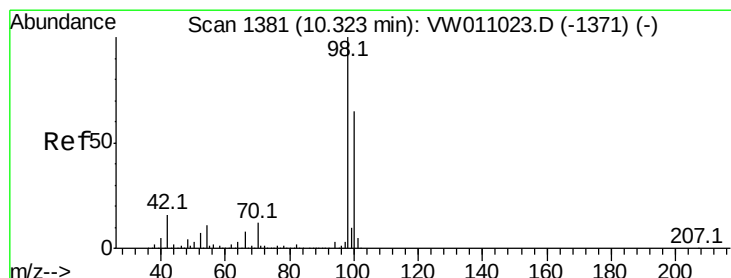
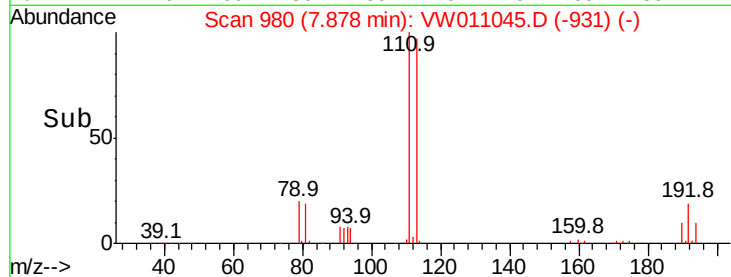
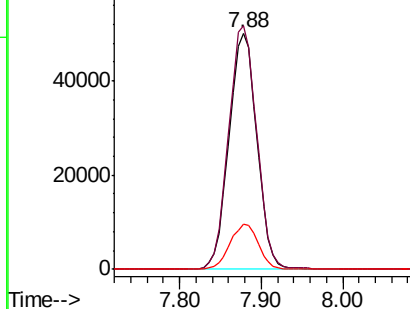
#35
 Dibromofluoromethane
 Concen: 50.527 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

Instrument :
 MSVOA_W
 ClientSampled :
 OR-03-062619-B

Tot Ion:113 Resp: 118170
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.8 125.6
 192 19.3 16.0 24.0

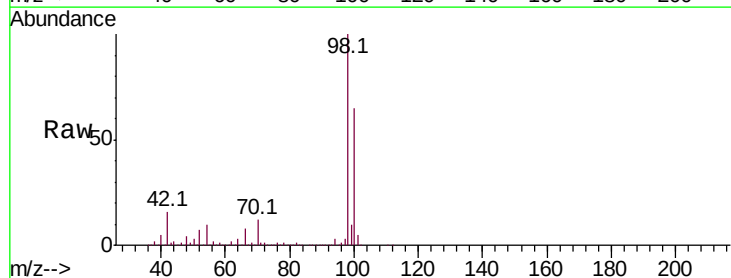


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

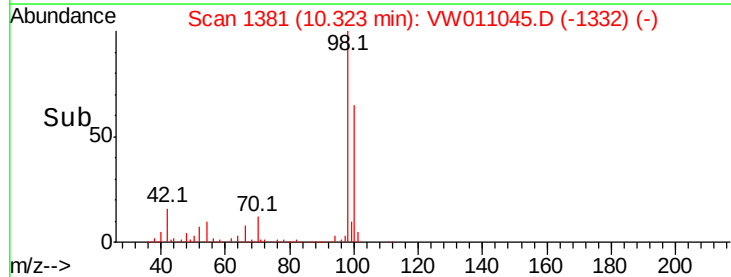
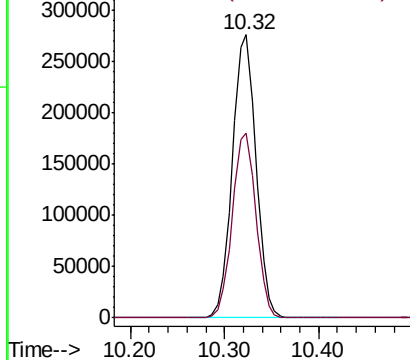


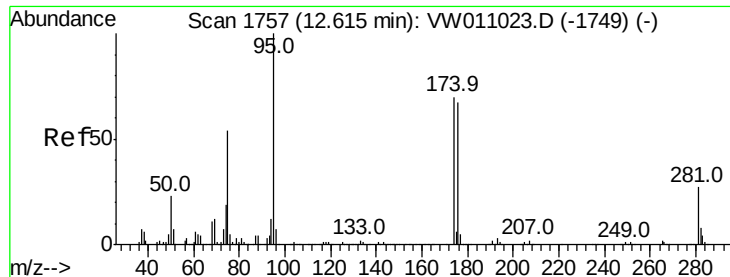
#50
 Toluene-d8
 Concen: 50.056 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011045.D
 Acq: 28 Jun 2019 05:05

Tgt Ion: 98 Resp: 481890
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

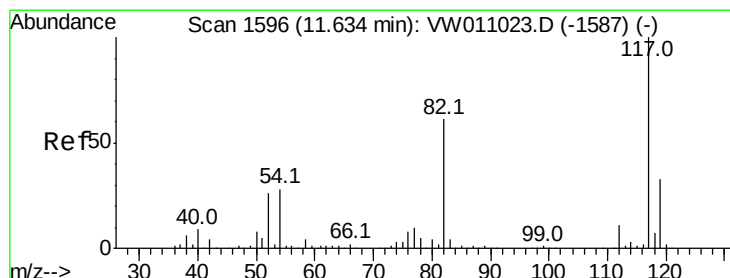
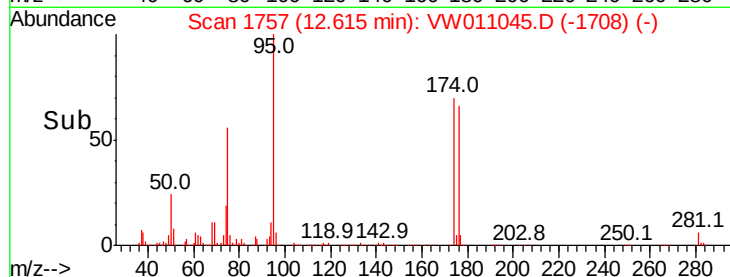
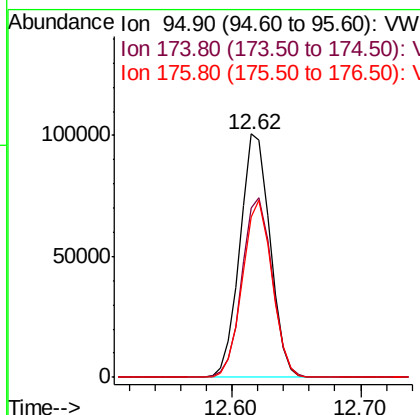
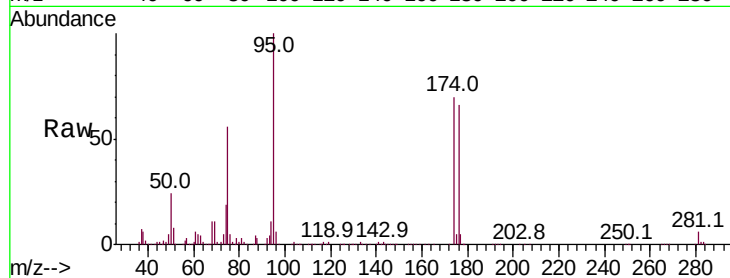




#62
4-Bromofluorobenzene
Concen: 46.285 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

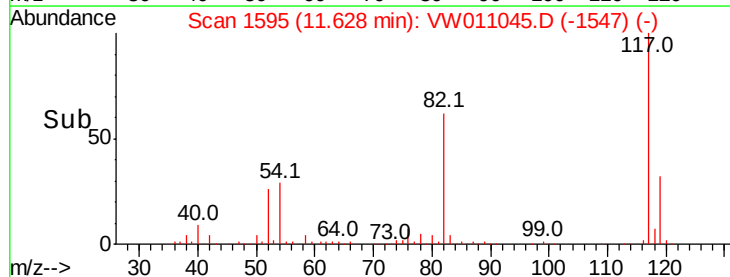
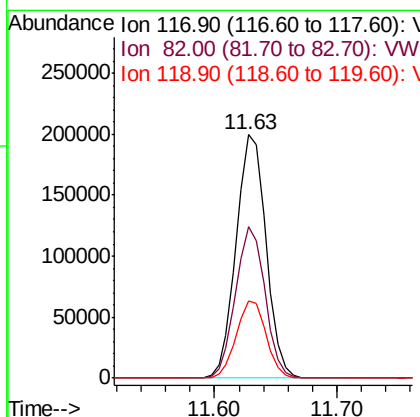
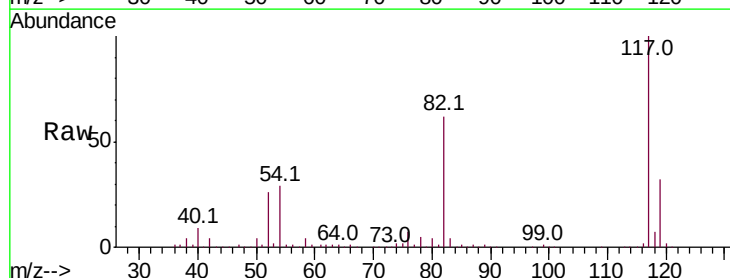
Instrument :
MSVOA_W
ClientSampleId :
OR-03-062619-B

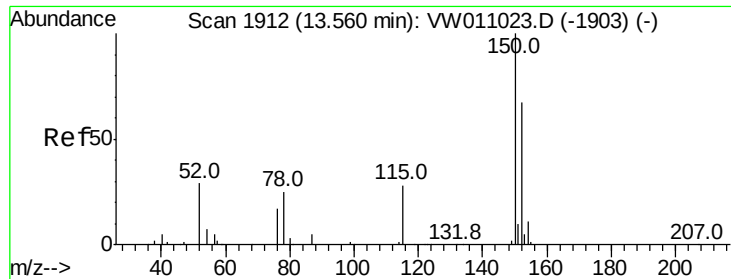
Tot Ion: 95 Resp: 162973
Ion Ratio Lower Upper
95 100
174 74.1 0.0 149.2
176 71.4 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011045.D
Acq: 28 Jun 2019 05:05

Tgt Ion: 117 Resp: 337675
Ion Ratio Lower Upper
117 100
82 62.1 48.6 73.0
119 31.6 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: VW011045.D

Acq: 28 Jun 2019 05:05

Instrument :

MSVOA_W

ClientSampleId :

OR-03-062619-B

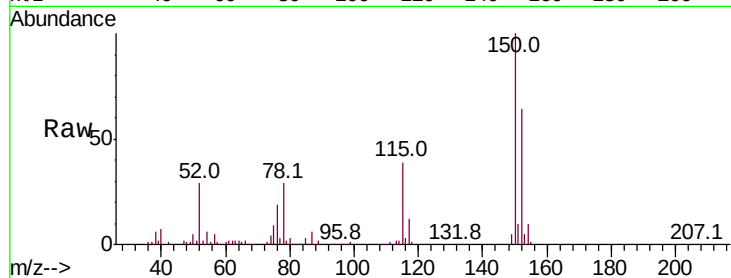
Tot Ion:152 Resp: 137104

Ion Ratio Lower Upper

152 100

115 61.3 30.7 92.1

150 157.3 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

