

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009267.D
 Acq On : 20 Mar 2019 05:06
 Operator : SY/VA
 Sample : K1984-04
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(14-15)

Quant Time: Mar 20 08:58:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

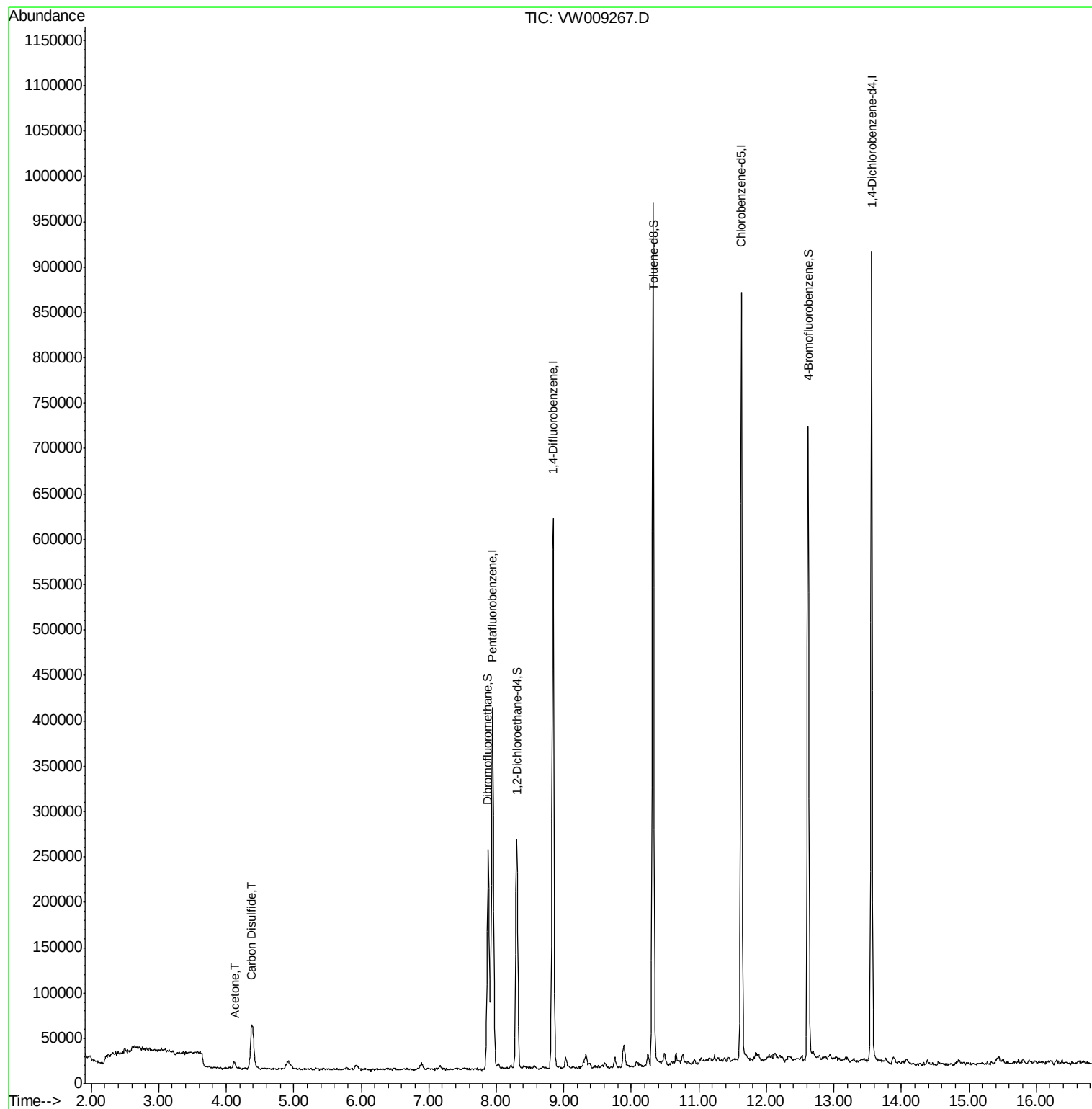
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	444449	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	189823	60.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.80%	
35) Dibromofluoromethane	7.88	113	160993	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	10.32	98	602610	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	213885	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
Target Compounds						
16) Acetone	4.12	43	12873	20.132	ug/l #	88
17) Carbon Disulfide	4.38	76	113971	14.619	ug/l	100

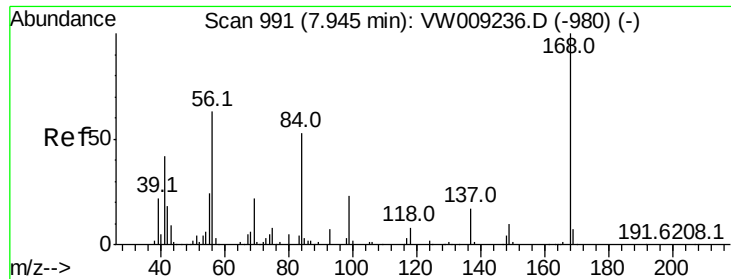
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 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: VW009267.D

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Instrument :

MSVOA_W

ClientSampleId :

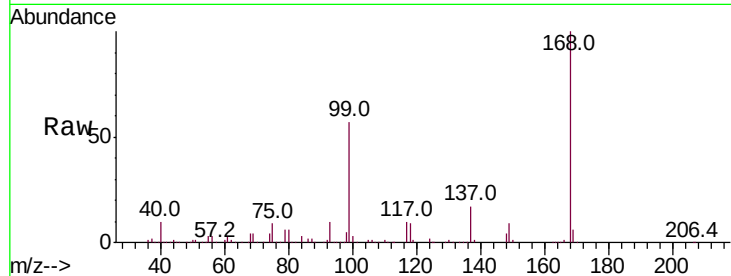
SB-11(14-15)

Tot Ion:168 Resp: 293015

Ion Ratio Lower Upper

168 100

99 56.6 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

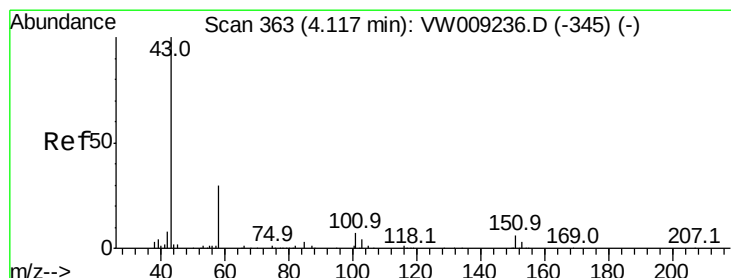
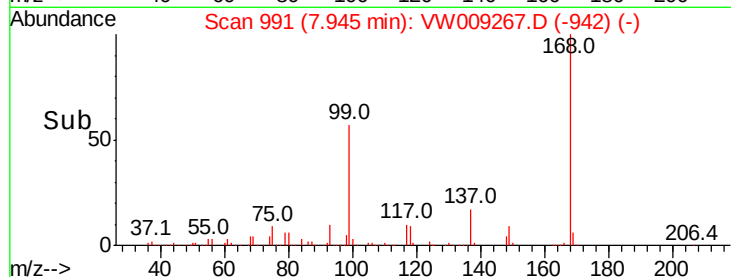
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 20.132 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009267.D

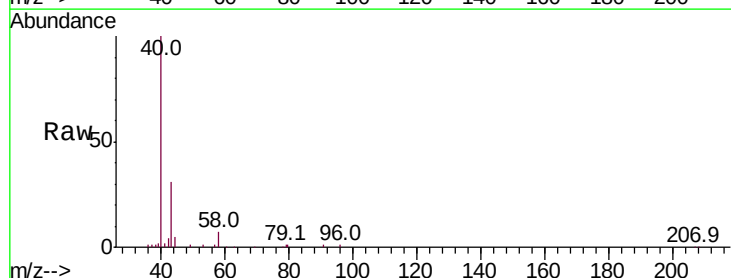
Acq: 20 Mar 2019 05:06

Tgt Ion: 43 Resp: 12873

Ion Ratio Lower Upper

43 100

58 23.1 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

5000

4000

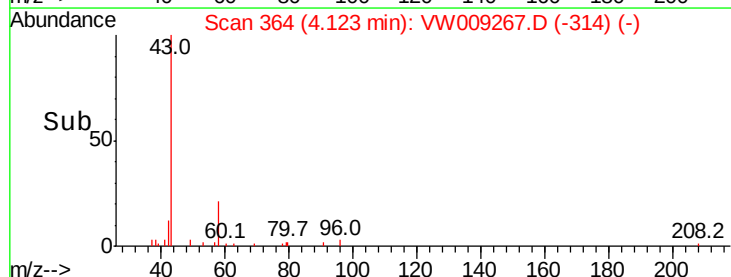
3000

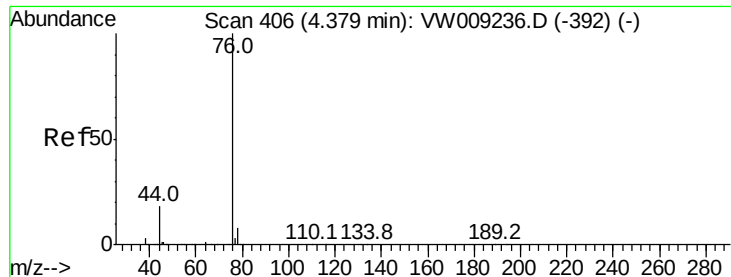
2000

1000

0

Time--> 4.05 4.10 4.15 4.20 4.25





#17

Carbon Disulfide

Concen: 14.619 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW009267.D

Acq: 20 Mar 2019 05:06

Instrument :

MSVOA_W

ClientSampleId :

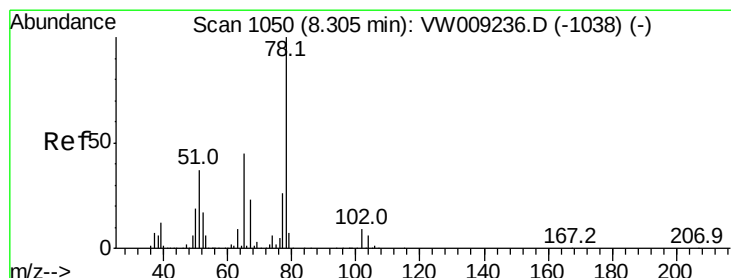
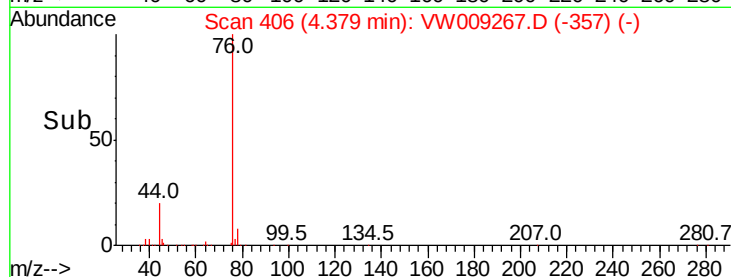
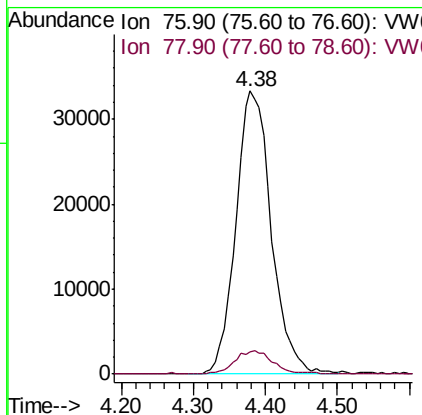
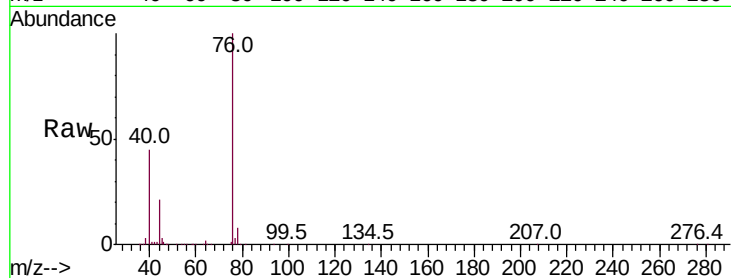
SB-11(14-15)

Tot Ion: 76 Resp: 113971

Ion Ratio Lower Upper

76 100

78 8.1 6.6 9.8



#33

1,2-Dichloroethane-d4

Concen: 60.904 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009267.D

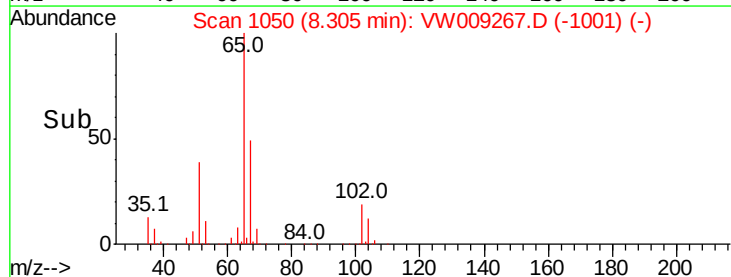
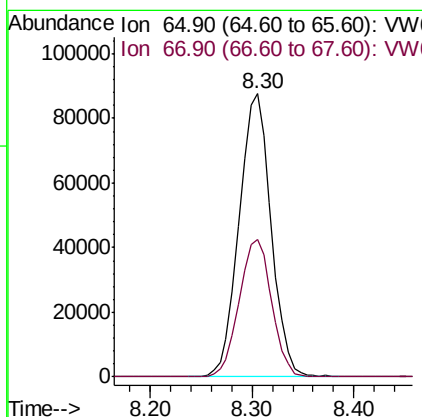
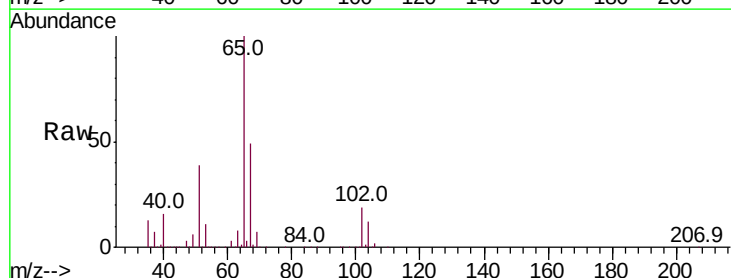
Acq: 20 Mar 2019 05:06

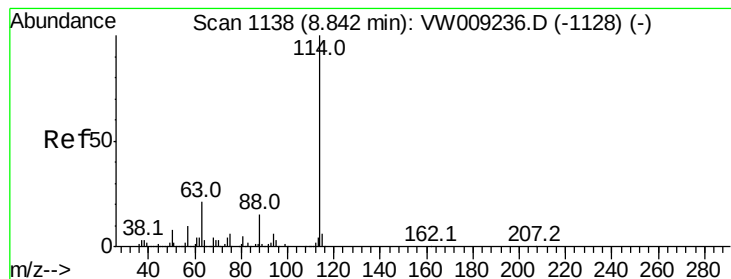
Tgt Ion: 65 Resp: 189823

Ion Ratio Lower Upper

65 100

67 49.4 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: VW009267.D

Acq: 20 Mar 2019 05:06

Instrument :

MSVOA_W

ClientSampleId :

SB-11(14-15)

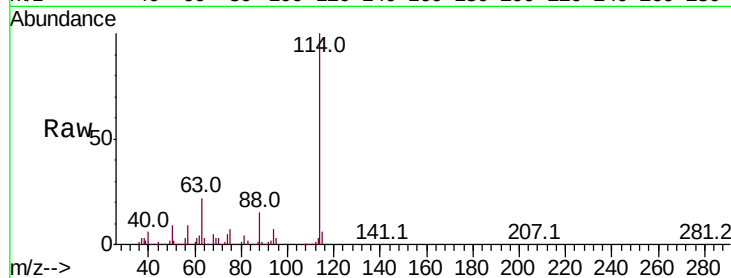
Tot Ion:114 Resp: 484769

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

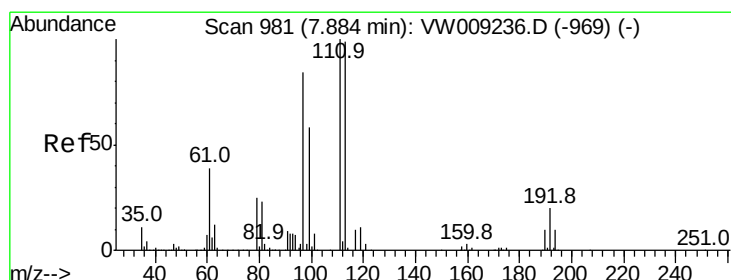
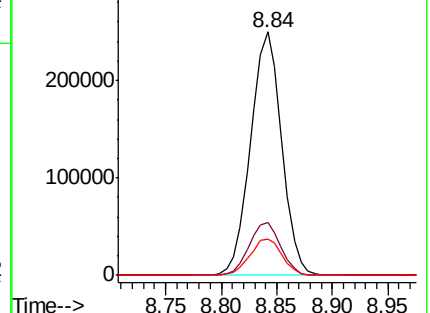
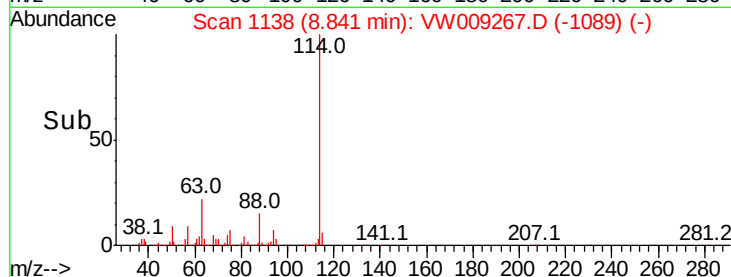
88 15.2 0.0 30.8



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: 52.354 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009267.D

Acq: 20 Mar 2019 05:06

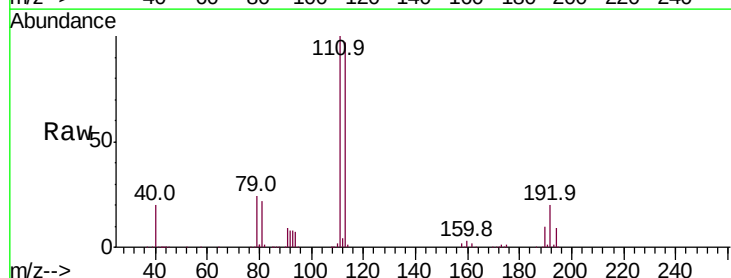
Tgt Ion:113 Resp: 160993

Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

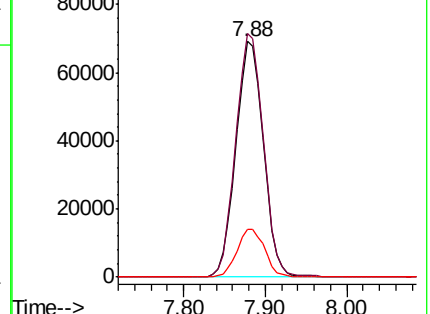
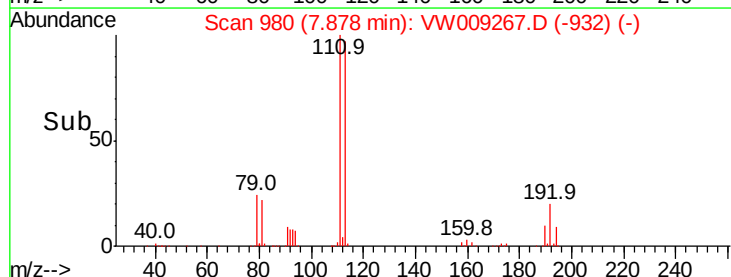
192 20.4 16.4 24.6

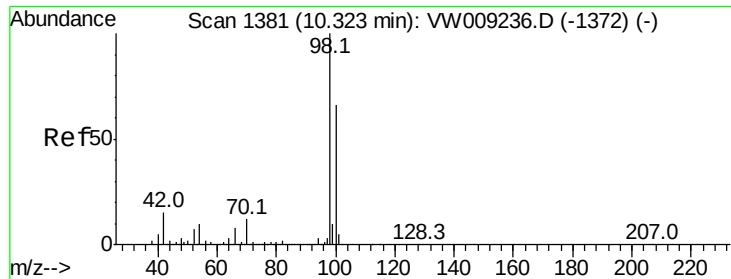


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.924 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009267.D

Acq: 20 Mar 2019 05:06

Instrument :

MSVOA_W

ClientSampleId :

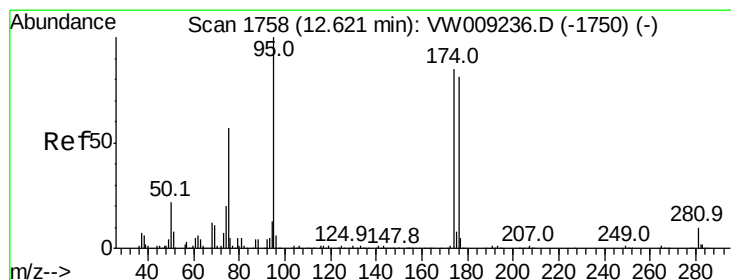
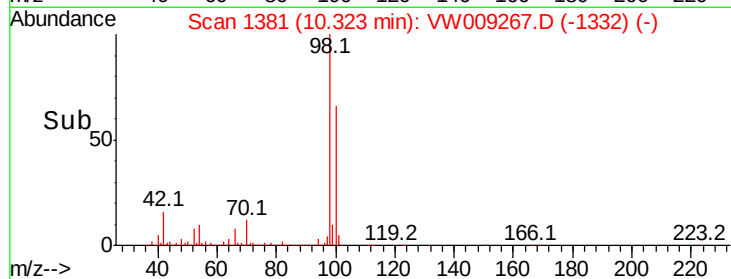
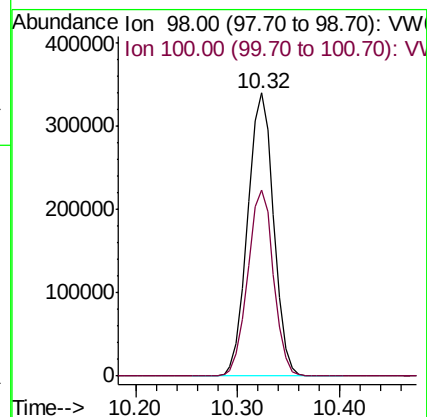
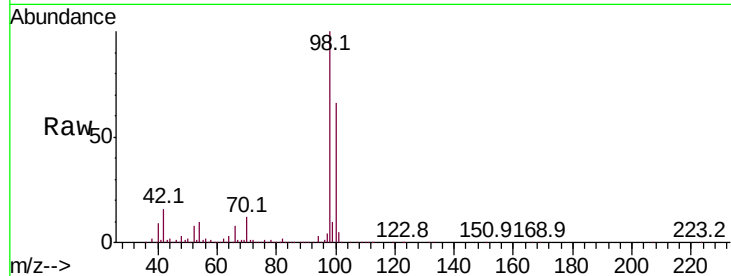
SB-11(14-15)

Tot Ion: 98 Resp: 602610

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 52.127 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009267.D

Acq: 20 Mar 2019 05:06

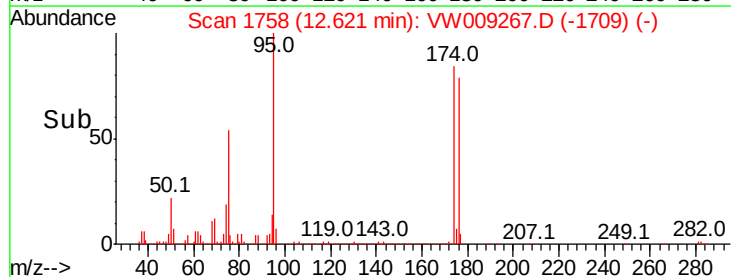
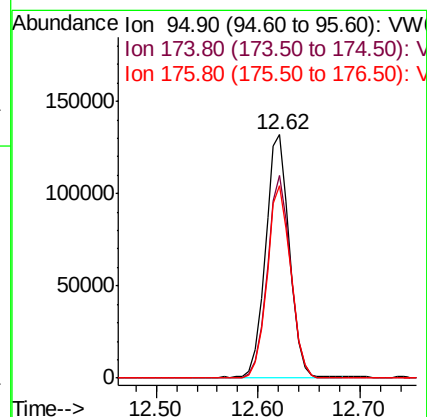
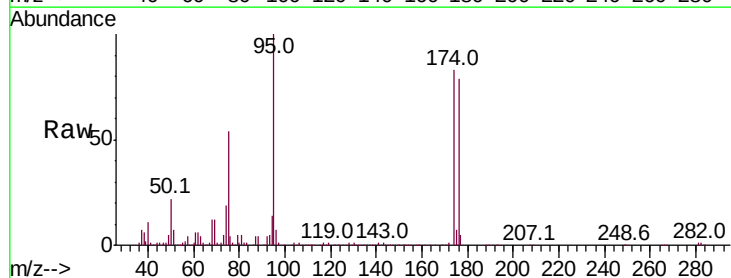
Tgt Ion: 95 Resp: 213885

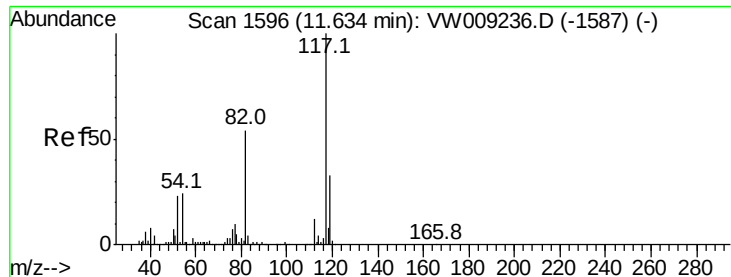
Ion Ratio Lower Upper

95 100

174 81.0 0.0 168.4

176 78.3 0.0 161.6

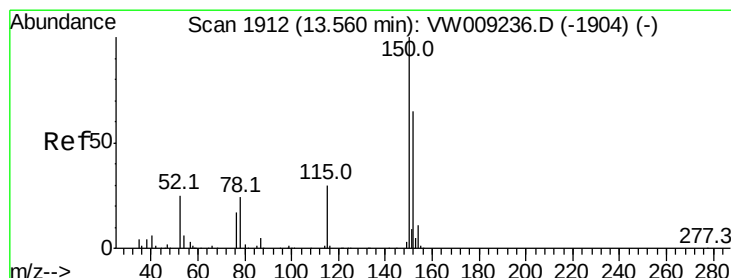
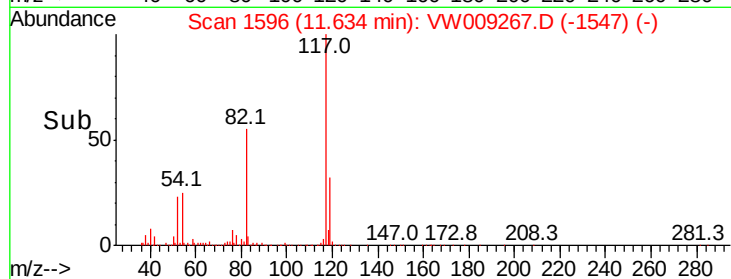
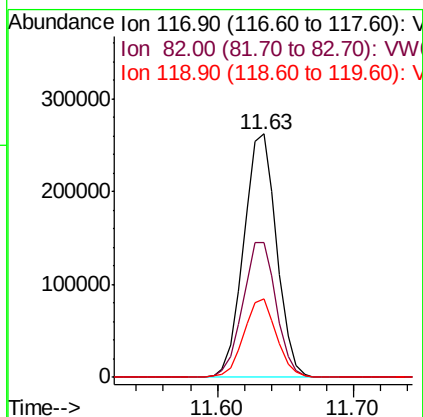
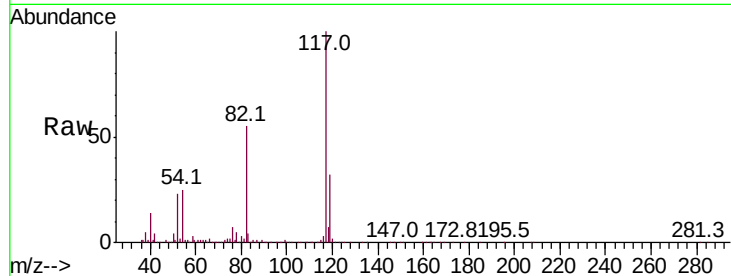




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009267.D
Acq: 20 Mar 2019 05:06

Instrument :
MSVOA_W
ClientSampleId :
SB-11(14-15)

Tot Ion:117 Resp: 444449
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 32.2 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: VW009267.D
Acq: 20 Mar 2019 05:06

Tgt Ion:152 Resp: 211655
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 156.9 0.0 349.2

