

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009252.D
 Acq On : 19 Mar 2019 20:08
 Operator : SY/VA
 Sample : K1971-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8(9-10)-031519

Quant Time: Mar 20 08:10:58 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

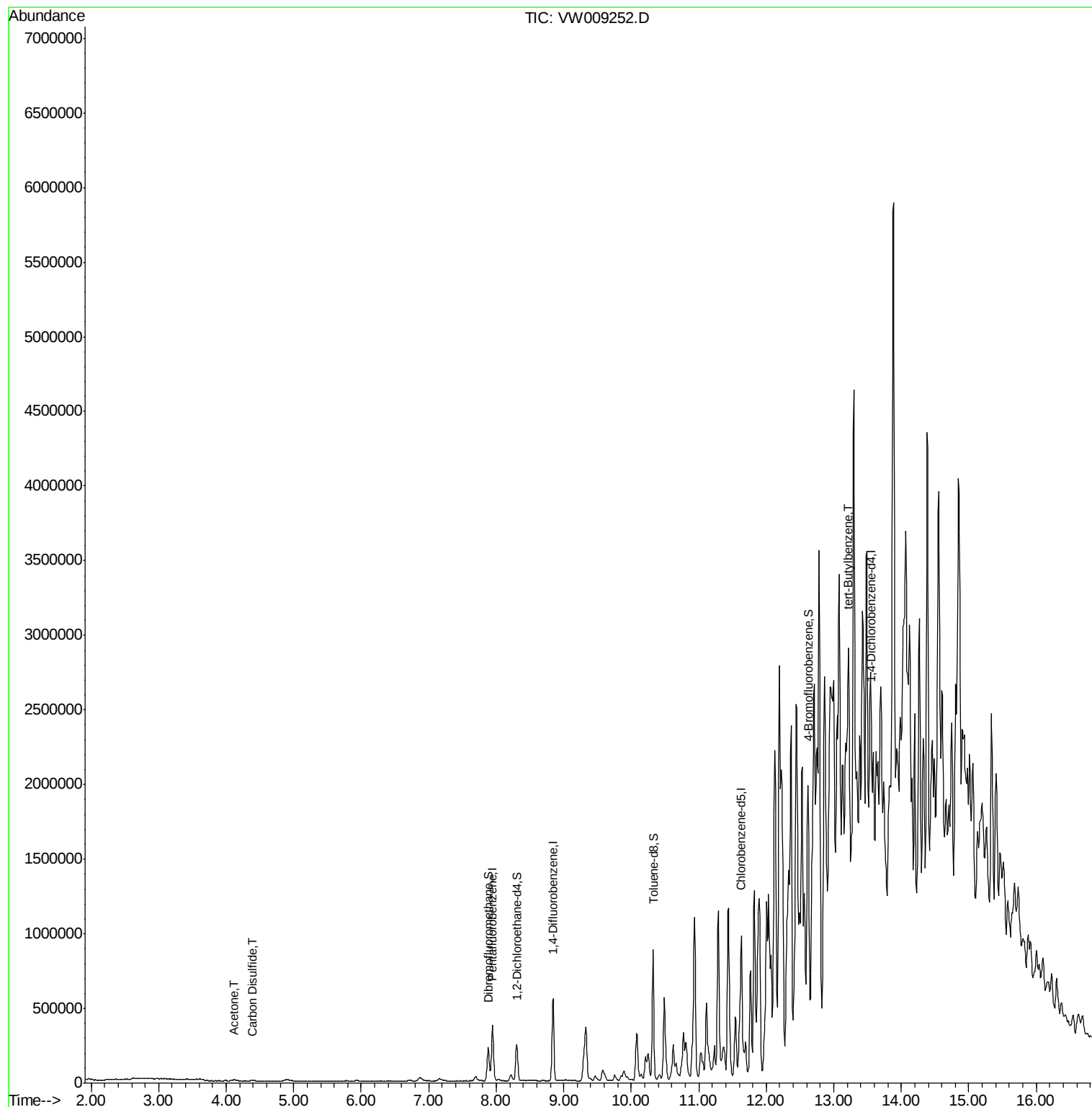
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	183635	62.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.96%	
35) Dibromofluoromethane	7.88	113	151878	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.32	98	557611	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
62) 4-Bromofluorobenzene	12.62	95	334348	89.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	179.40%	
Target Compounds						
16) Acetone	4.12	43	14146	23.648	ug/l	96
17) Carbon Disulfide	4.39	76	7951	1.090	ug/l	96
83) tert-Butylbenzene	13.21	119	22378	2.795	ug/l #	55

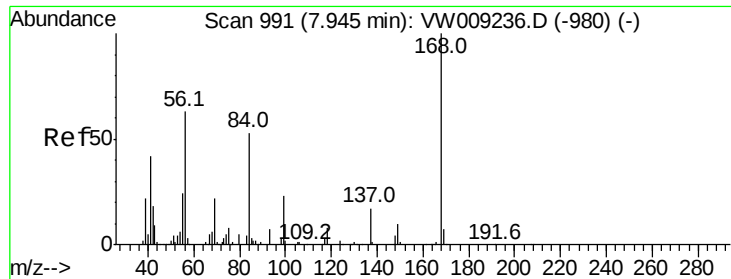
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
Data File : VW009252.D
Acq On : 19 Mar 2019 20:08
Operator : SY/VA
Sample : K1971-01
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-8(9-10)-031519

Quant Time: Mar 20 08:10:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 07:22:50 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: VW009252.D

Acq: 19 Mar 2019 20:08

Instrument :

MSVOA_W

ClientSampleId :

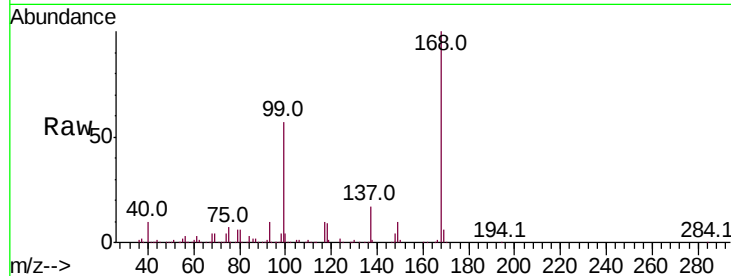
SB-8(9-10)-031519

Tot Ion:168 Resp: 274109

Ion Ratio Lower Upper

168 100

99 57.1 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

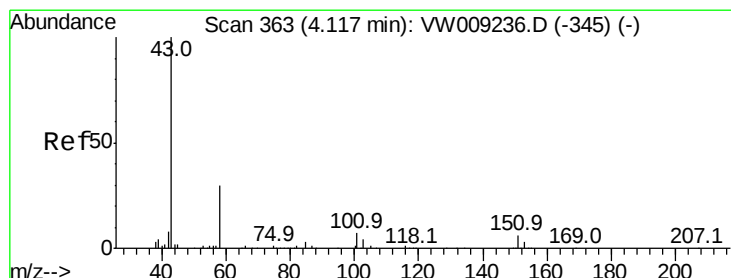
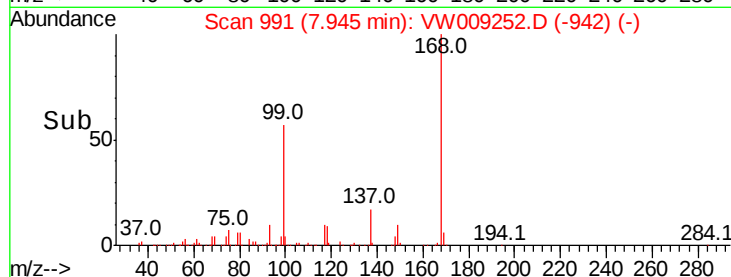
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 23.648 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009252.D

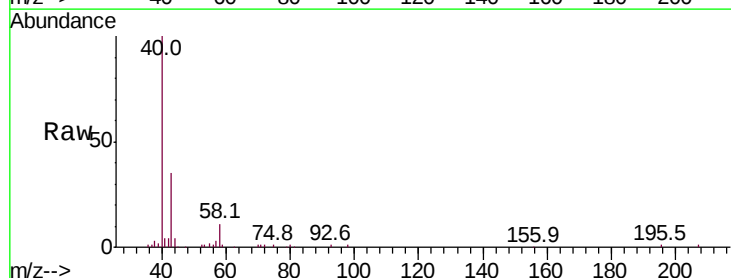
Acq: 19 Mar 2019 20:08

Tgt Ion: 43 Resp: 14146

Ion Ratio Lower Upper

43 100

58 31.6 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

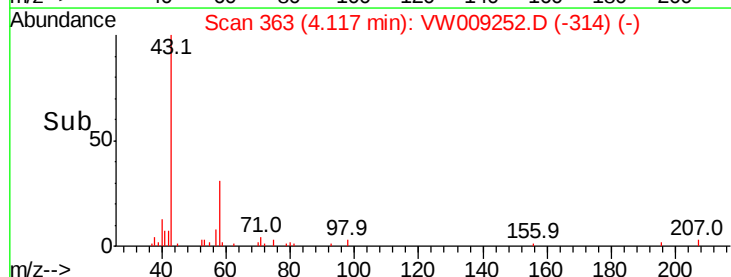
3000

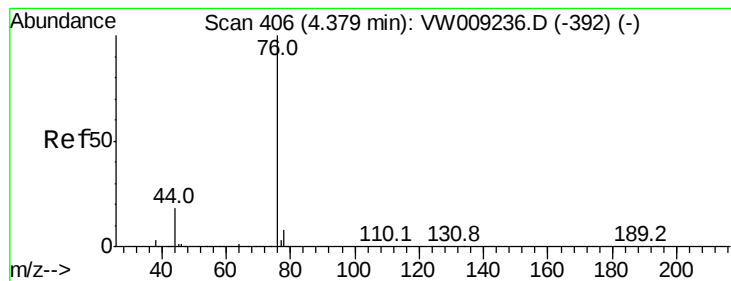
2000

1000

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 1.090 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW009252.D

Acq: 19 Mar 2019 20:08

Instrument :

MSVOA_W

ClientSampleId :

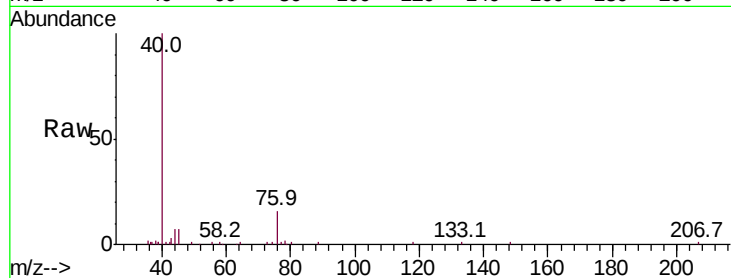
SB-8(9-10)-031519

Tot Ion: 76 Resp: 7951

Ion Ratio Lower Upper

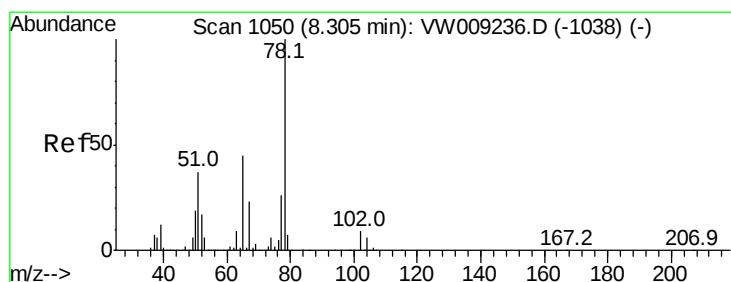
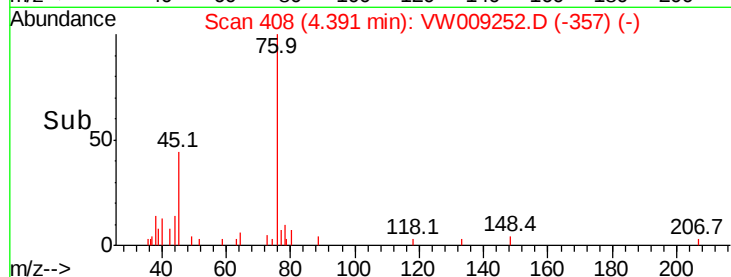
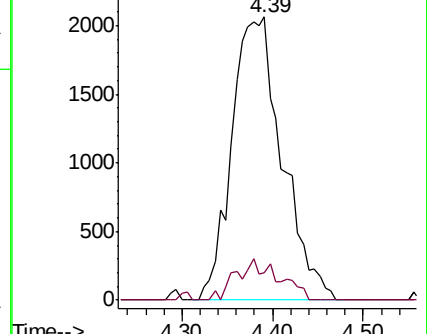
76 100

78 9.6 6.6 9.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 62.983 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009252.D

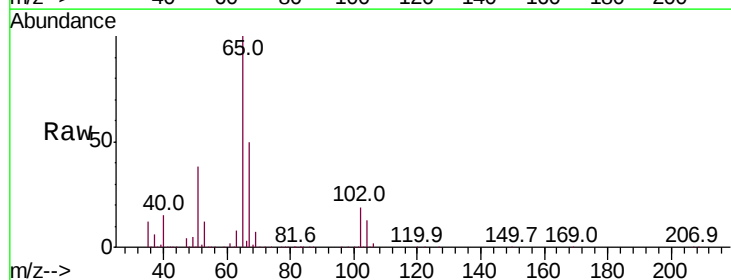
Acq: 19 Mar 2019 20:08

Tgt Ion: 65 Resp: 183635

Ion Ratio Lower Upper

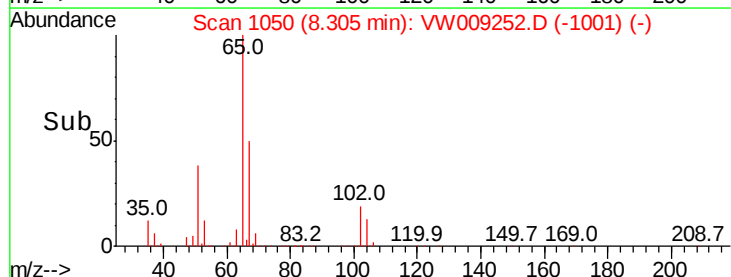
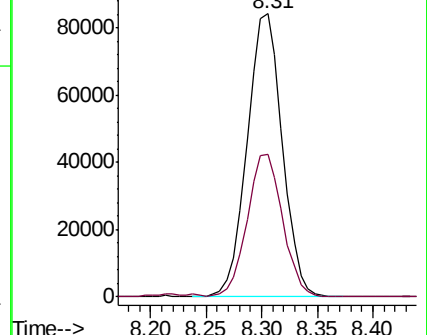
65 100

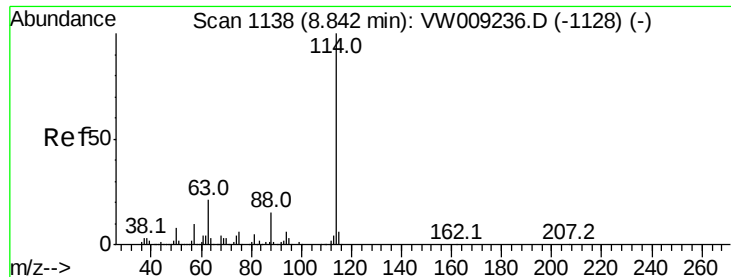
67 50.9 0.0 102.4



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: VW009252.D

Acq: 19 Mar 2019 20:08

Instrument :

MSVOA_W

ClientSampleId :

SB-8(9-10)-031519

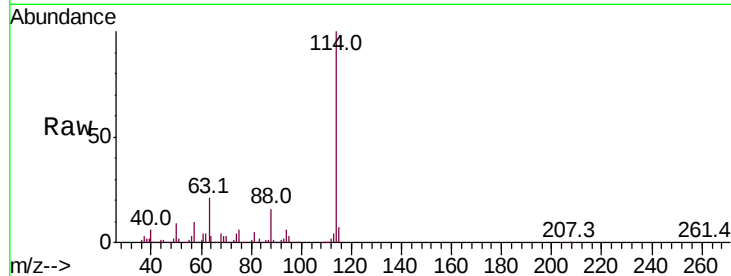
Tot Ion:114 Resp: 440353

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.2

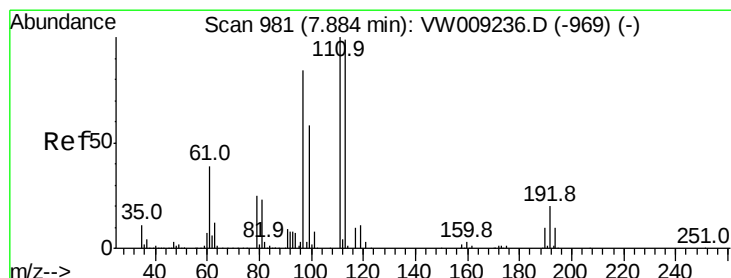
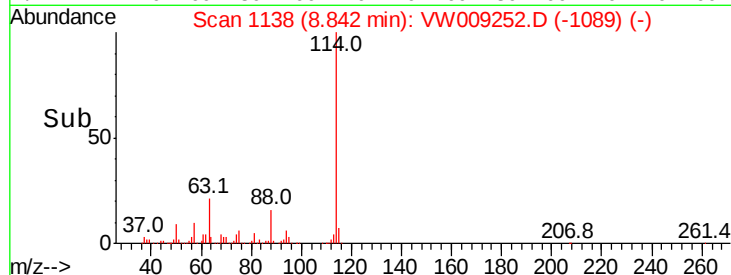
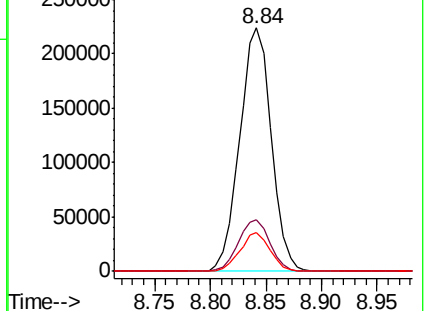
88 15.9 0.0 30.8



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: 54.371 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009252.D

Acq: 19 Mar 2019 20:08

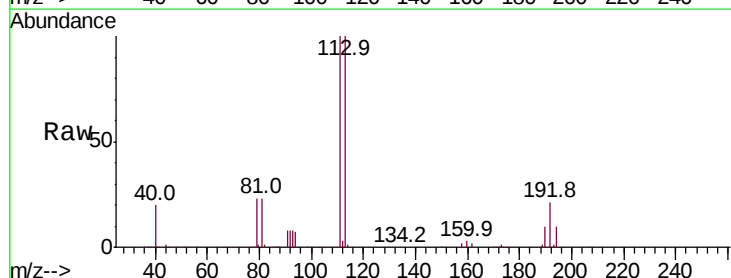
Tgt Ion:113 Resp: 151878

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

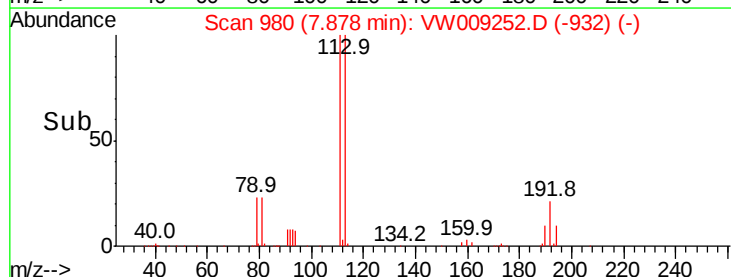
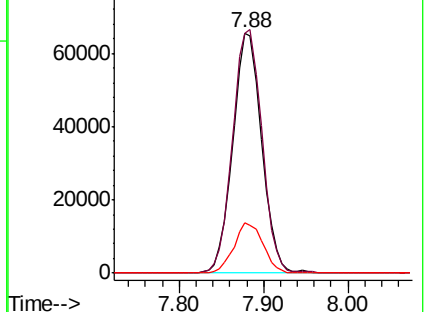
192 21.1 16.4 24.6

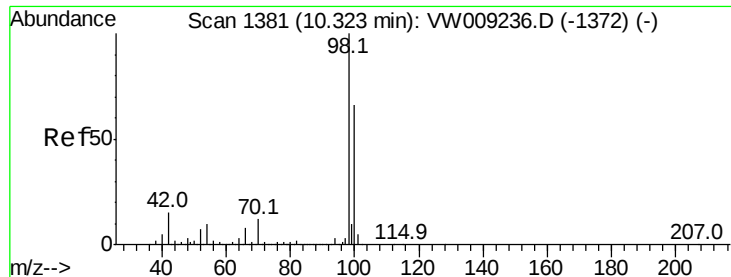


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.930 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009252.D

Acq: 19 Mar 2019 20:08

Instrument :

MSVOA_W

ClientSampleId :

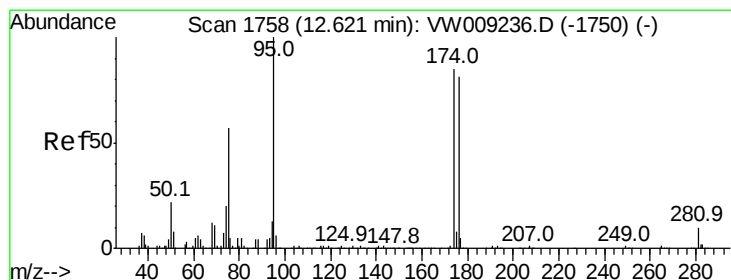
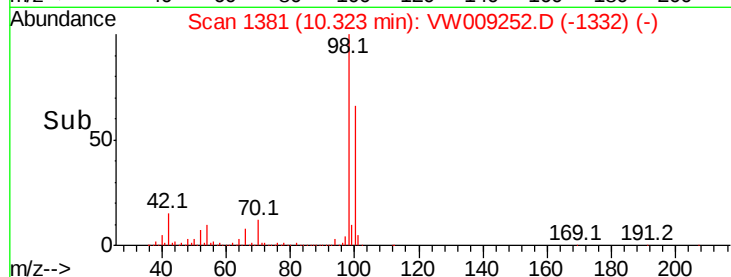
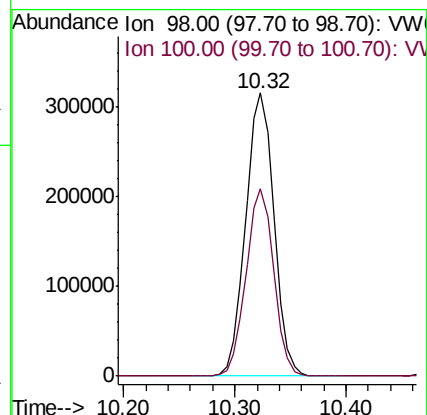
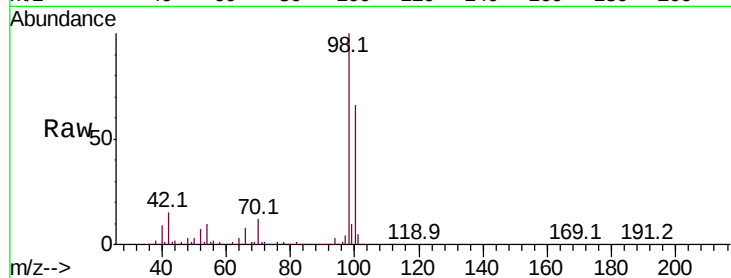
SB-8(9-10)-031519

Tot Ion: 98 Resp: 557611

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 89.705 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009252.D

Acq: 19 Mar 2019 20:08

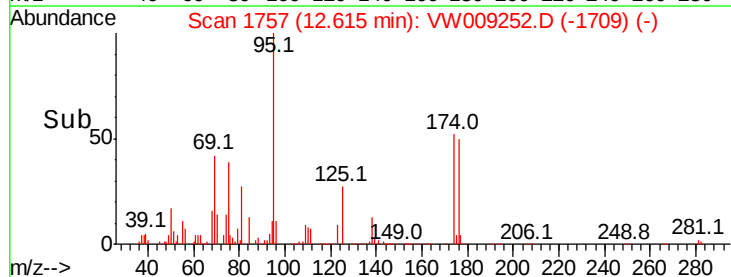
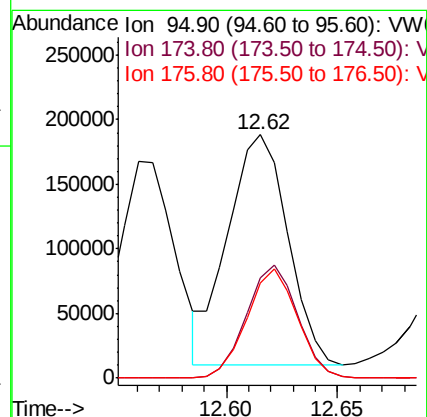
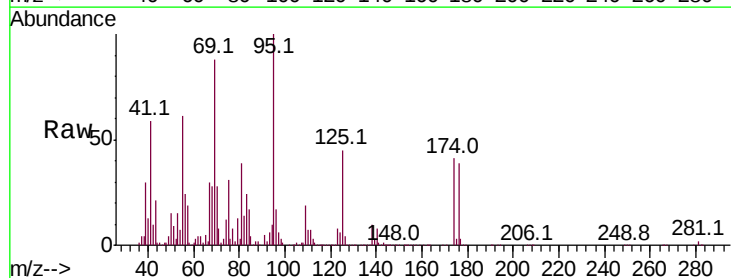
Tgt Ion: 95 Resp: 334348

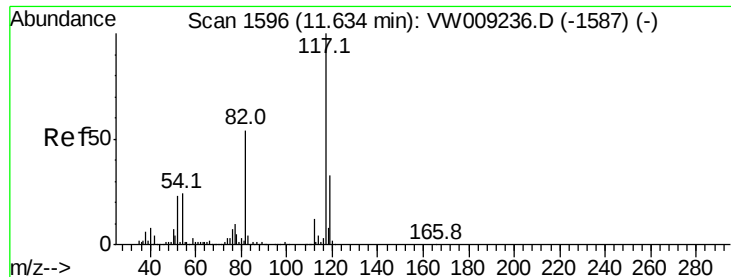
Ion Ratio Lower Upper

95 100

174 42.0 0.0 168.4

176 40.3 0.0 161.6

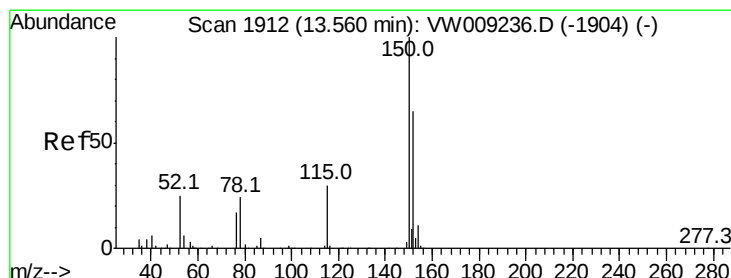
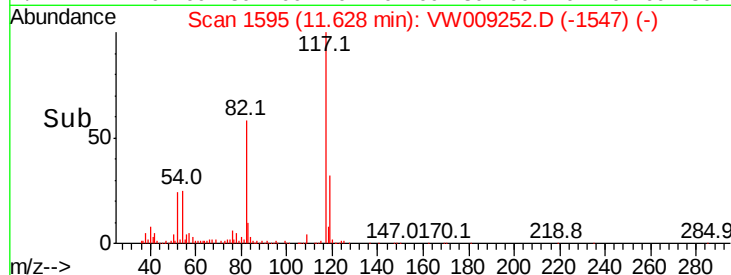
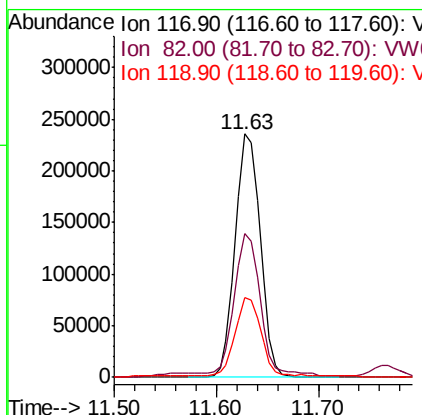
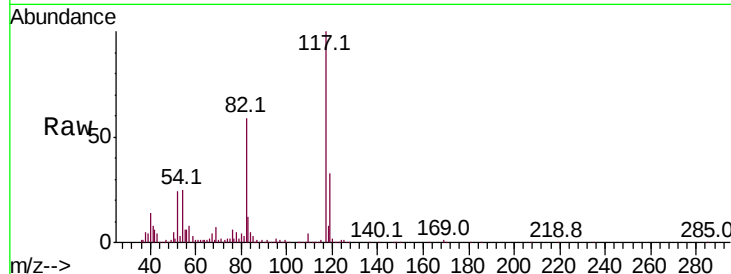




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009252.D
Acq: 19 Mar 2019 20:08

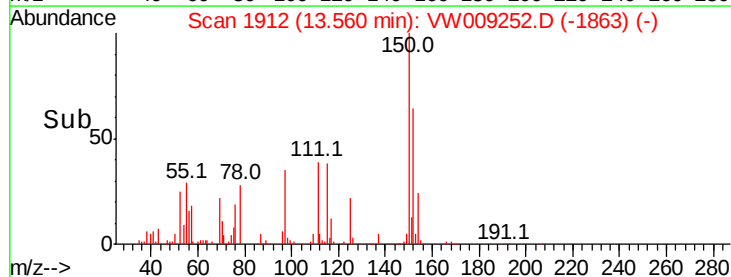
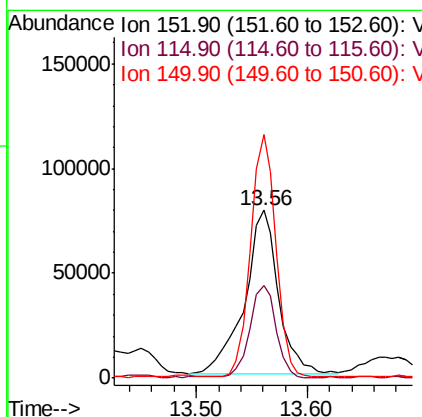
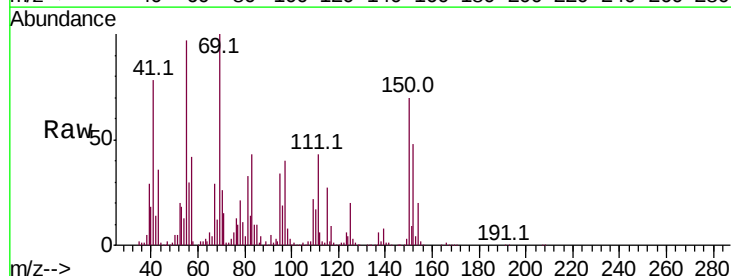
Instrument :
MSVOA_W
ClientSampleId :
SB-8(9-10)-031519

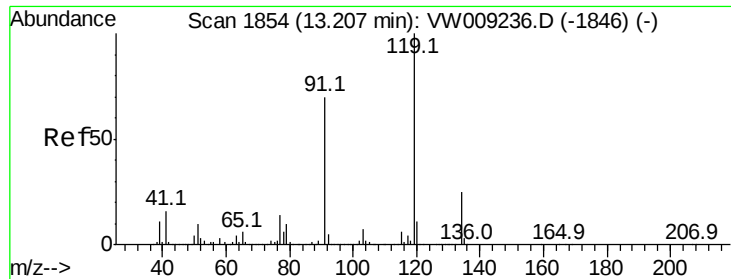
Tot Ion:117 Resp: 401417
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009252.D
Acq: 19 Mar 2019 20:08

Tgt Ion:152 Resp: 164812
Ion Ratio Lower Upper
152 100
115 43.5 29.6 88.8
150 110.1 0.0 349.2





#83

tert-Butylbenzene

Concen: 2.795 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009252.D

Acq: 19 Mar 2019 20:08

Instrument :

MSVOA_W

ClientSampleId :

SB-8(9-10)-031519

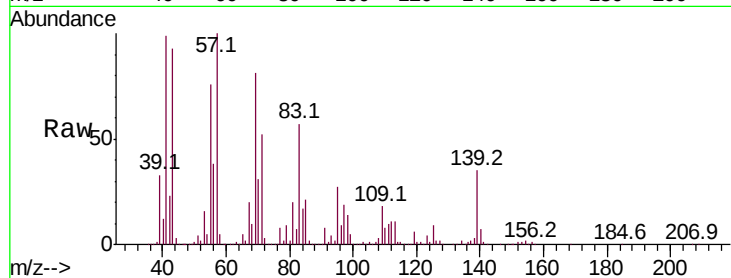
Tot Ion:119 Resp: 22378

Ion Ratio Lower Upper

119 100

91 117.0 34.4 103.2#

134 29.0 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V

