

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009263.D
 Acq On : 20 Mar 2019 03:19
 Operator : SY/VA
 Sample : K1971-10
 Misc : 5.310G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15(6-7)-031519

Quant Time: Mar 20 08:44:16 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

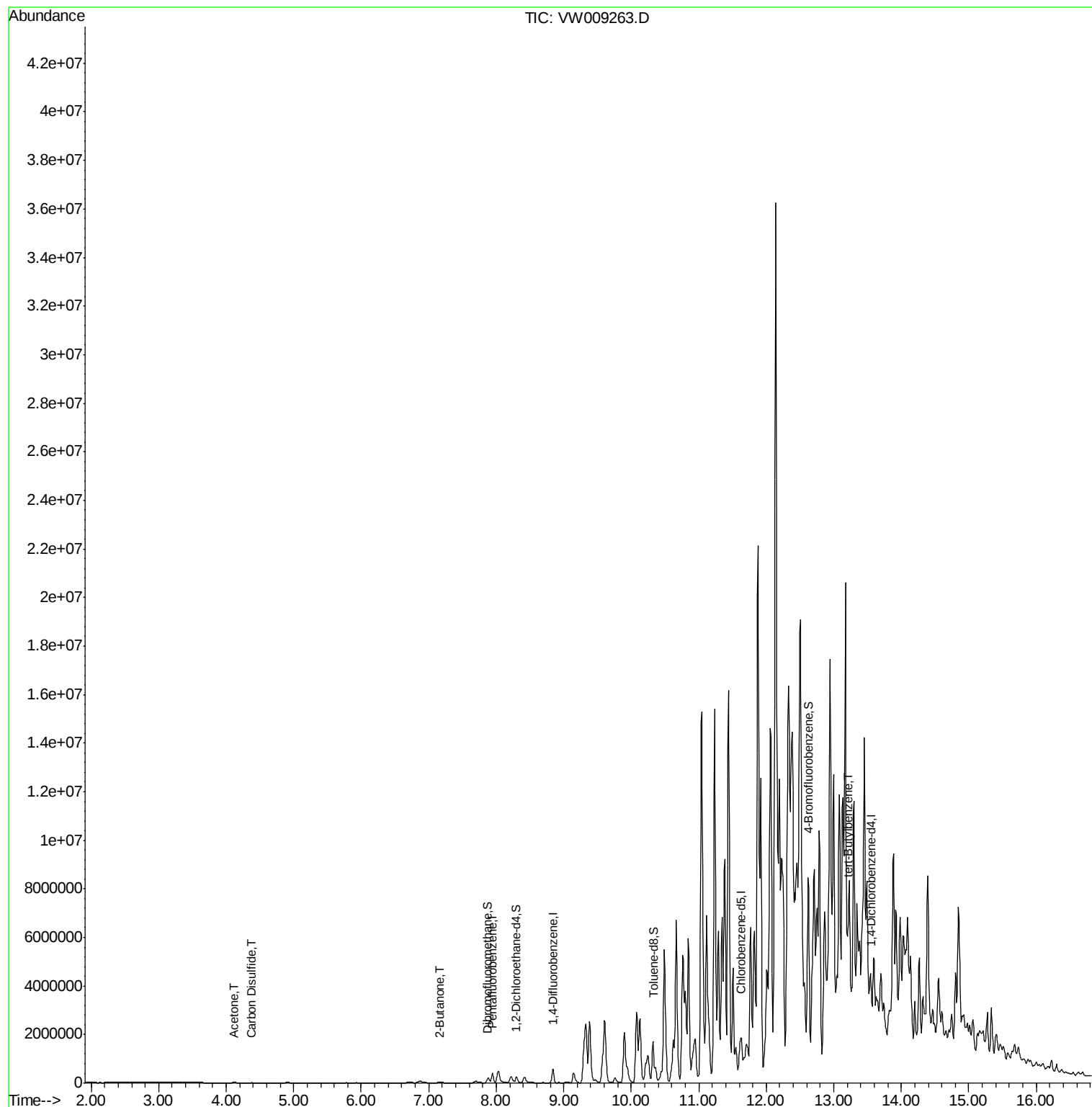
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	171541	57.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.40%	
35) Dibromofluoromethane	7.88	113	148633	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	10.32	98	578443	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	12.62	95	677510	176.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	353.62%	
Target Compounds						
16) Acetone	4.12	43	33333	54.173	ug/l	99
17) Carbon Disulfide	4.38	76	7523	1.003	ug/l #	78
25) 2-Butanone	7.17	43	22449	25.462	ug/l #	77
83) tert-Butylbenzene	13.21	119	87506m	10.009	ug/l	

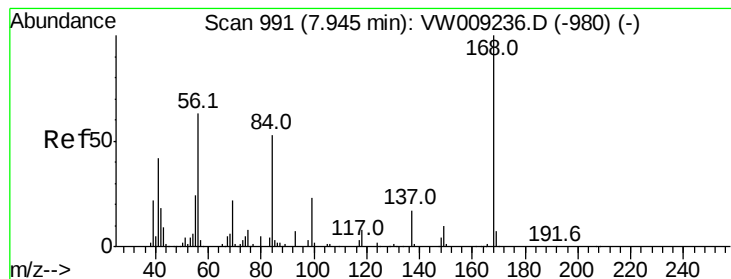
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
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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: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

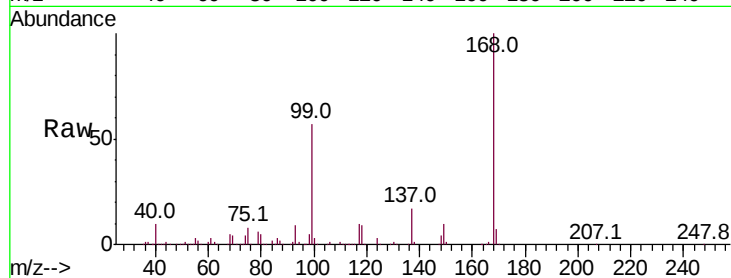
SB-15(6-7)-031519

Tot Ion:168 Resp: 281952

Ion Ratio Lower Upper

168 100

99 56.7 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

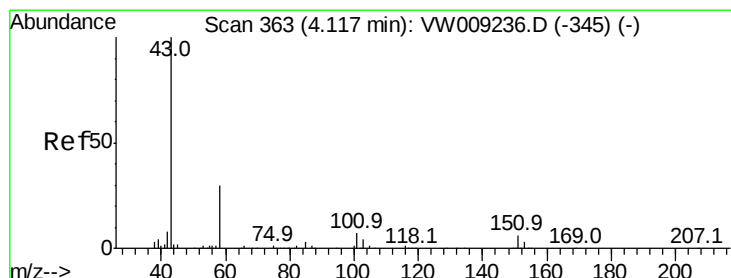
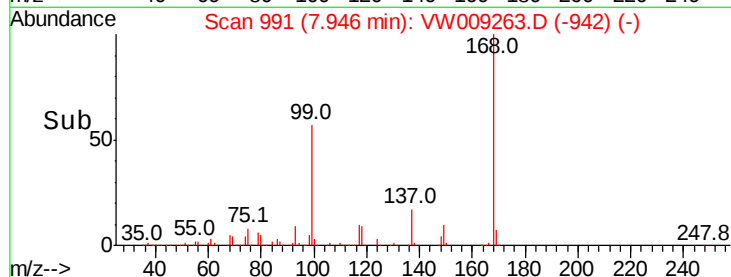
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 54.173 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009263.D

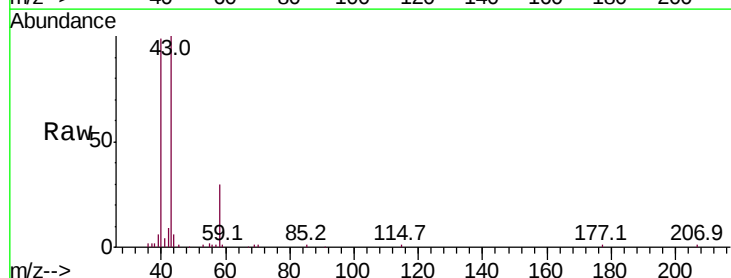
Acq: 20 Mar 2019 03:19

Tgt Ion: 43 Resp: 33333

Ion Ratio Lower Upper

43 100

58 29.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

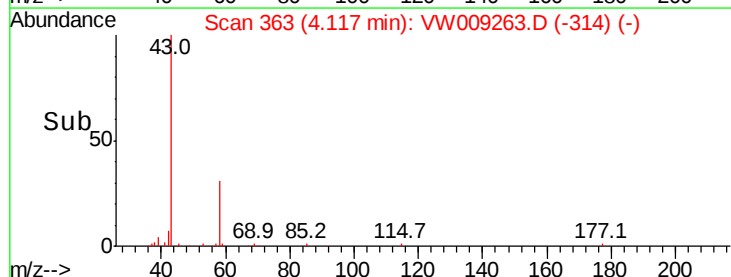
4.12

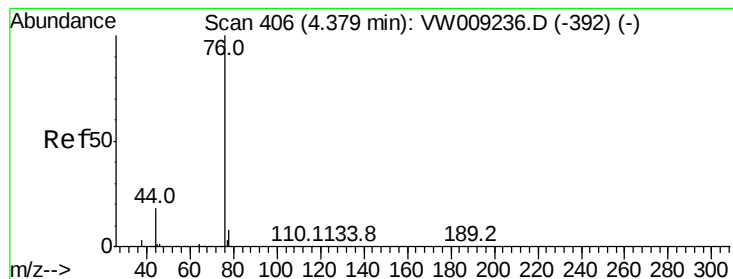
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.003 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

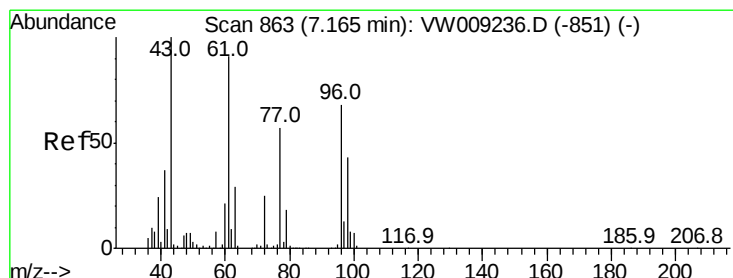
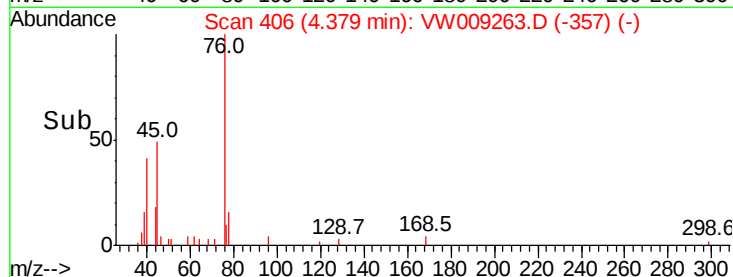
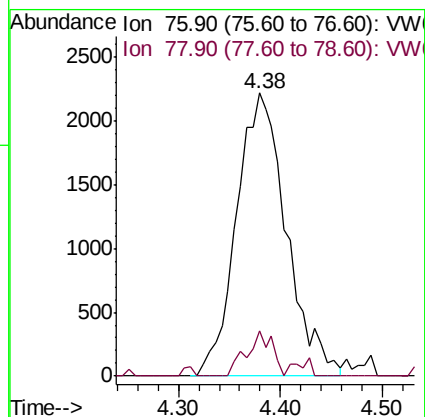
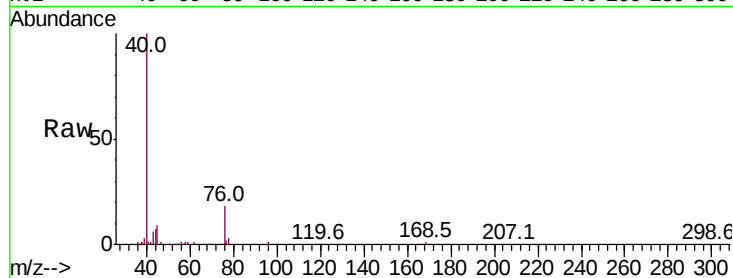
SB-15(6-7)-031519

Tot Ion: 76 Resp: 7523

Ion Ratio Lower Upper

76 100

78 16.2 6.6 9.8#



#25

2-Butanone

Concen: 25.462 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW009263.D

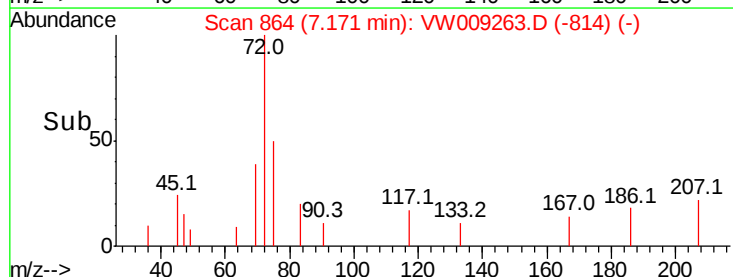
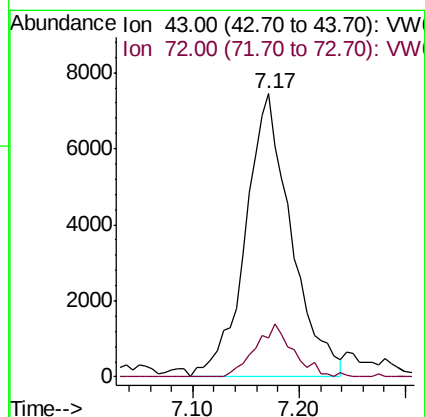
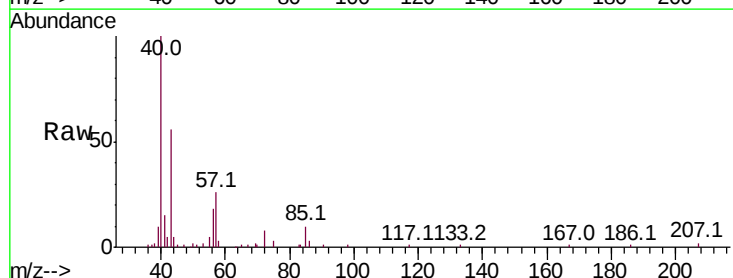
Acq: 20 Mar 2019 03:19

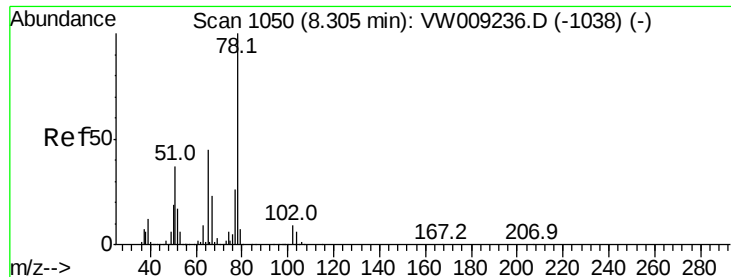
Tgt Ion: 43 Resp: 22449

Ion Ratio Lower Upper

43 100

72 13.7 20.0 30.0#





#33

1,2-Dichloroethane-d4

Concen: 57.198 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

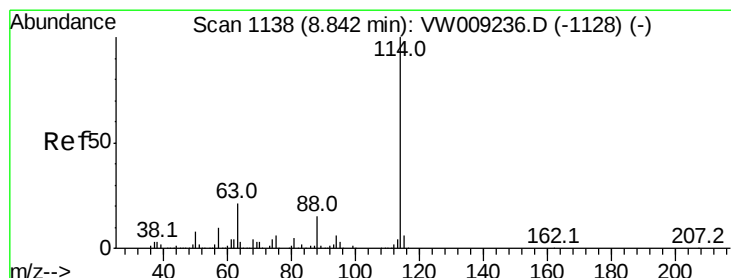
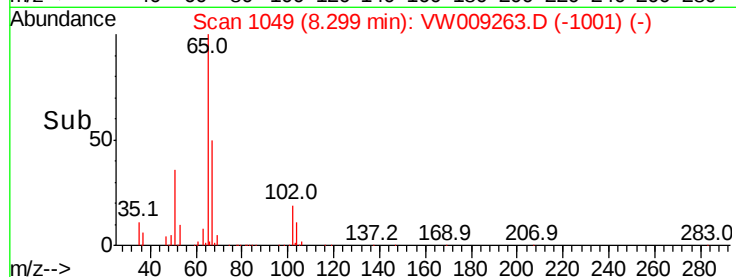
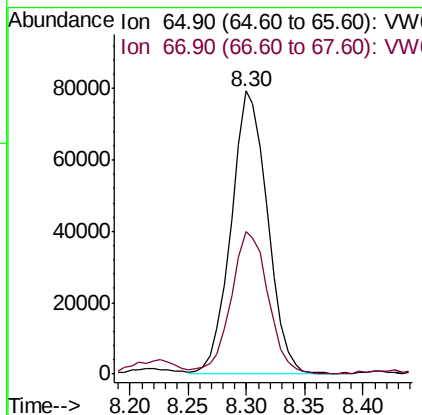
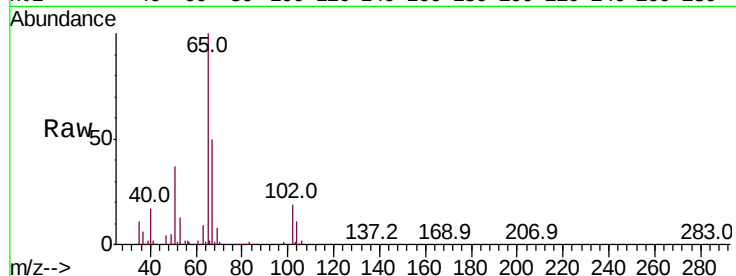
SB-15(6-7)-031519

Tot Ion: 65 Resp: 171541

Ion Ratio Lower Upper

65 100

67 51.6 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: VW009263.D

Acq: 20 Mar 2019 03:19

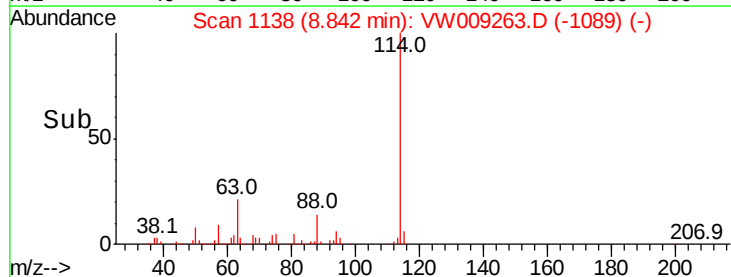
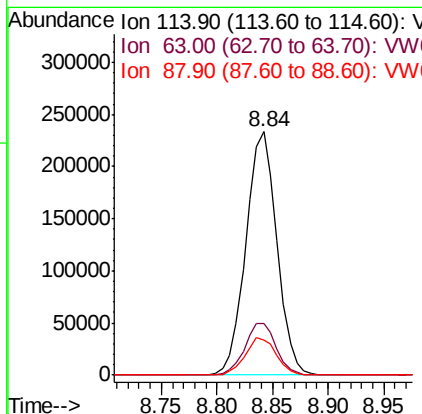
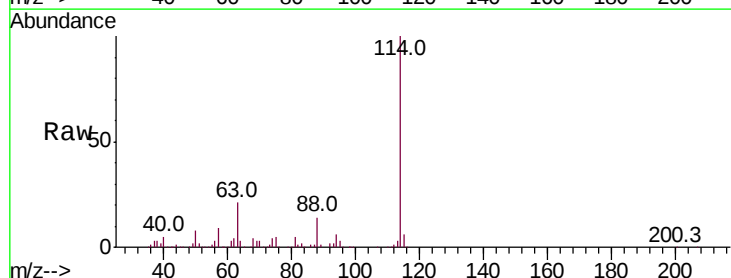
Tgt Ion: 114 Resp: 452709

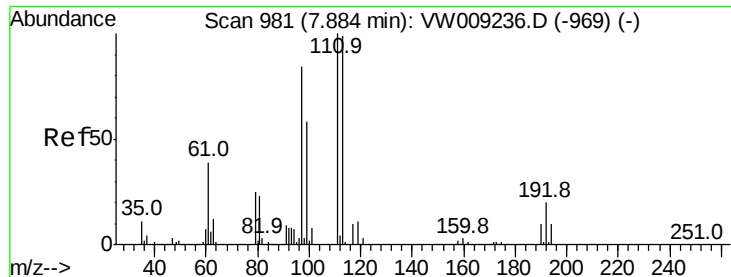
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

88 14.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.757 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

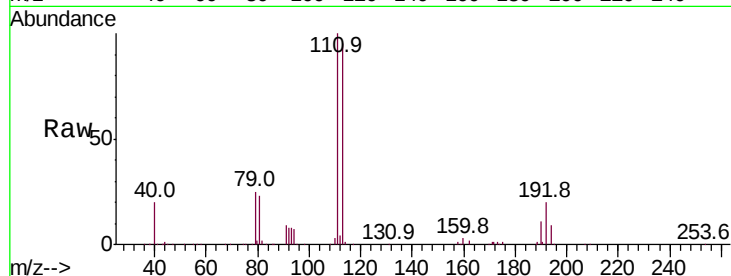
Tot Ion:113 Resp: 148633

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

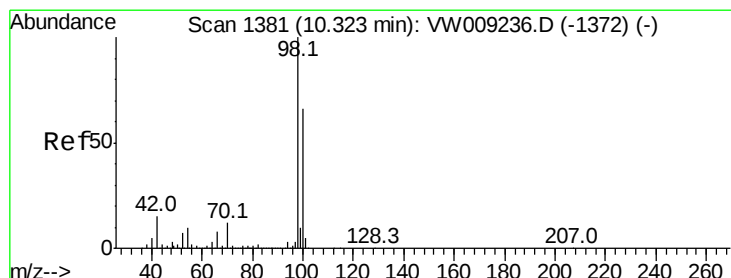
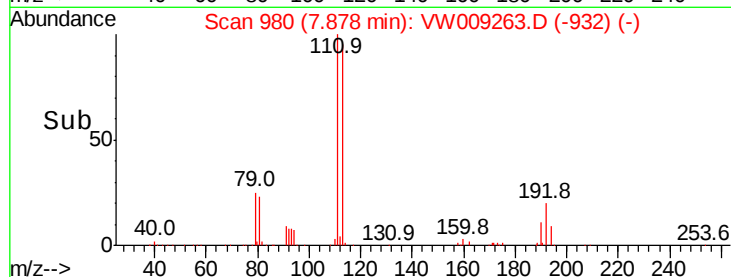
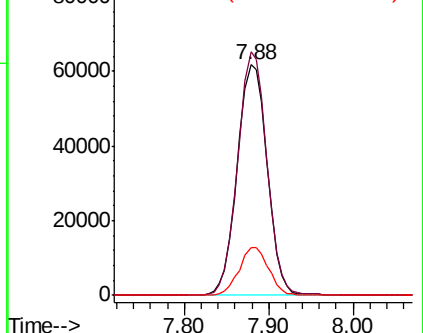
192 20.3 16.4 24.6



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: 55.427 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009263.D

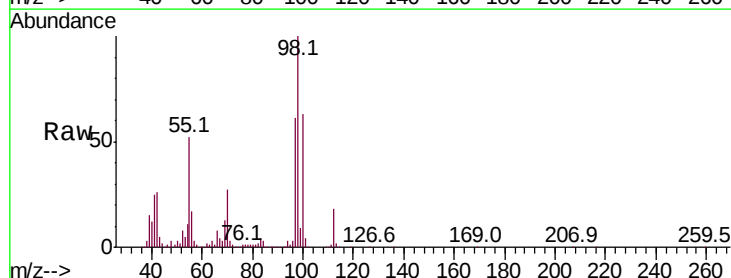
Acq: 20 Mar 2019 03:19

Tgt Ion: 98 Resp: 578443

Ion Ratio Lower Upper

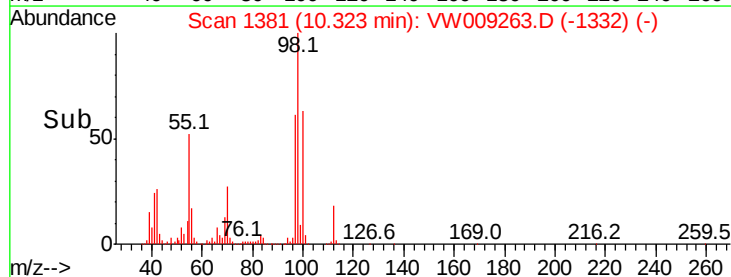
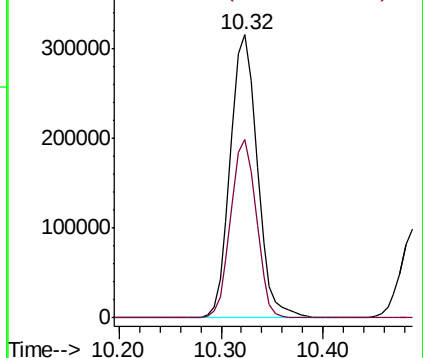
98 100

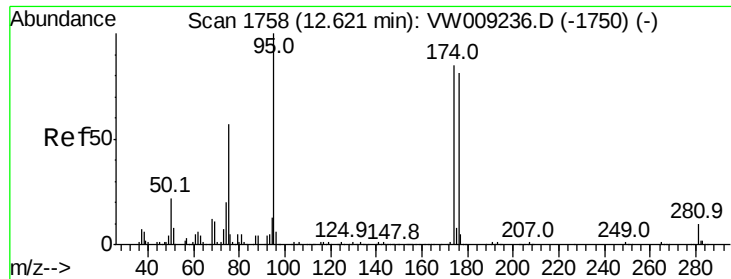
100 59.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

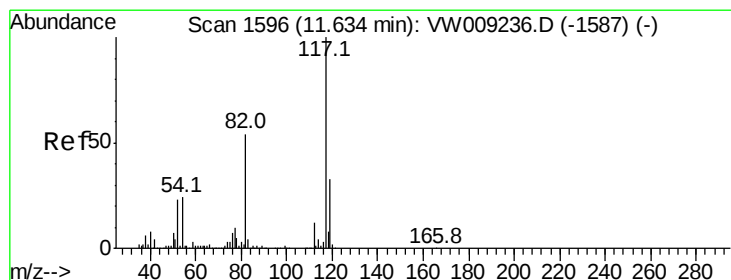
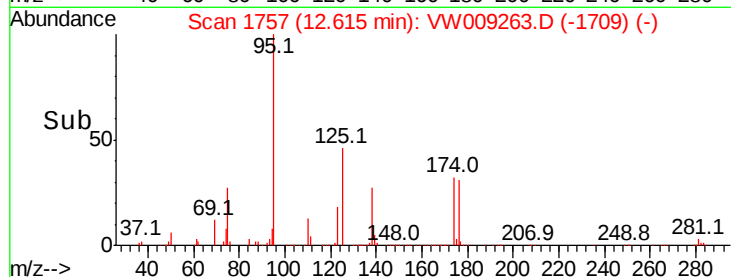
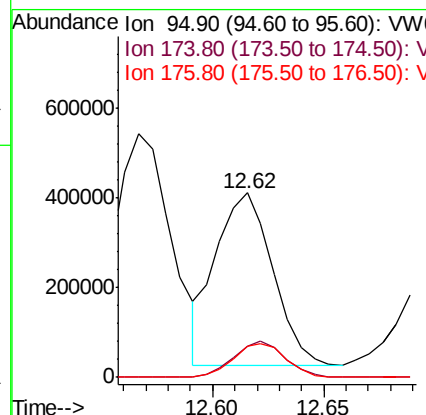
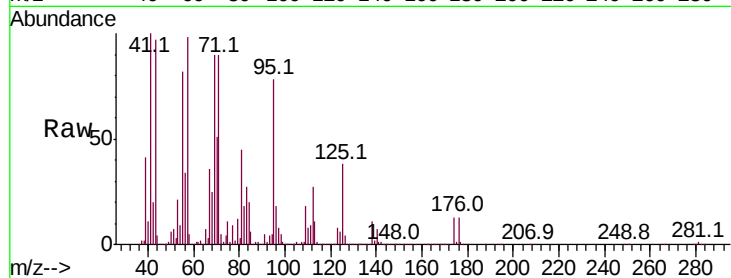




#62
4-Bromofluorobenzene
Concen: 176.813 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

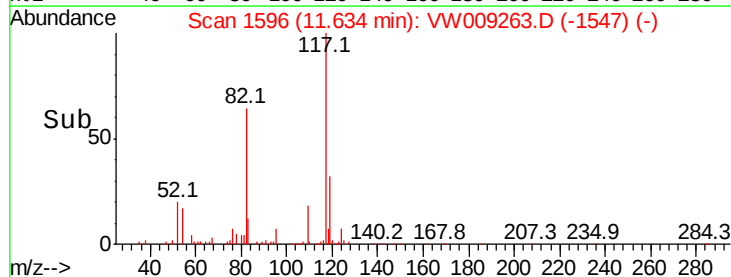
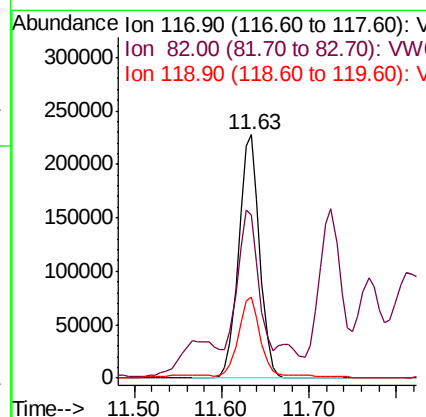
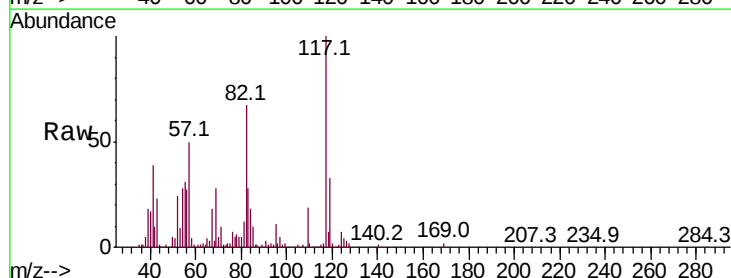
Instrument :
MSVOA_W
ClientSampleId :
SB-15(6-7)-031519

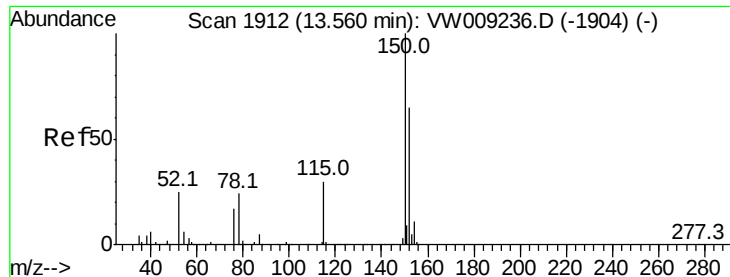
Tot Ion: 95 Resp: 677510
Ion Ratio Lower Upper
95 100
174 18.8 0.0 168.4
176 18.3 0.0 161.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009263.D
Acq: 20 Mar 2019 03:19

Tgt Ion: 117 Resp: 379059
Ion Ratio Lower Upper
117 100
82 51.5 43.6 65.4
119 32.8 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: VW009263.D

Acq: 20 Mar 2019 03:19

Instrument :

MSVOA_W

ClientSampleId :

SB-15(6-7)-031519

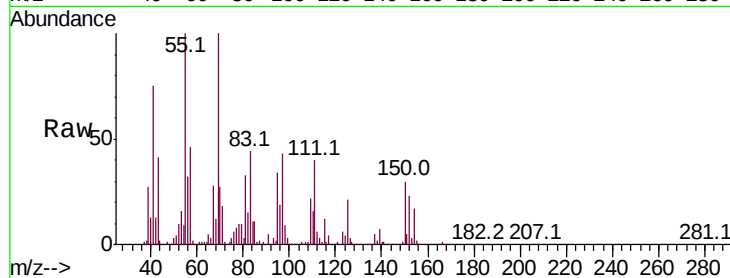
Tot Ion:152 Resp: 179994

Ion Ratio Lower Upper

152 100

115 30.3 29.6 88.8

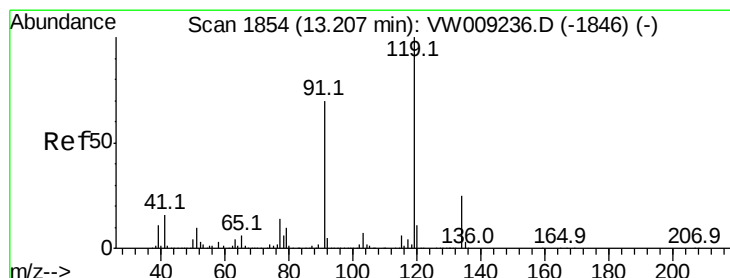
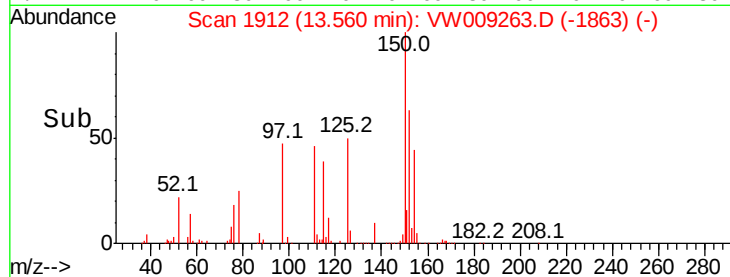
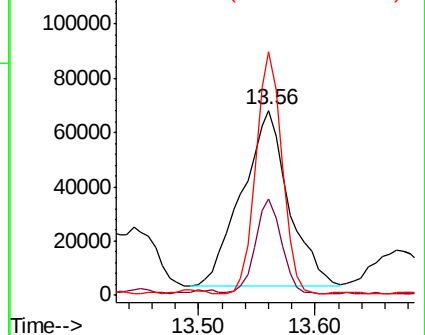
150 78.5 0.0 349.2



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



#83

tert-Butylbenzene

Concen: 10.009 ug/l m

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW009263.D

Acq: 20 Mar 2019 03:19

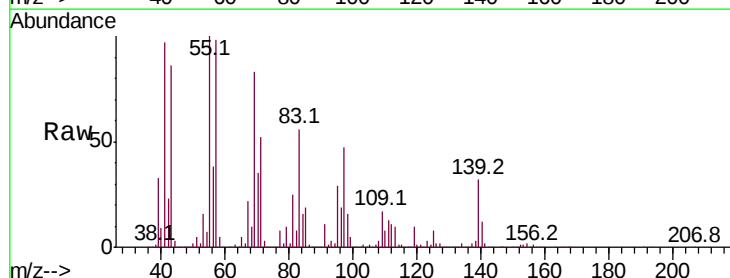
Tgt Ion:119 Resp: 87506

Ion Ratio Lower Upper

119 100

91 0.0 34.4 103.2#

134 0.0 12.7 38.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

