

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009261.D
 Acq On : 20 Mar 2019 02:25
 Operator : SY/VA
 Sample : K1971-08
 Misc : 3.10G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14(13-15)-031519

Quant Time: Mar 20 08:36:16 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

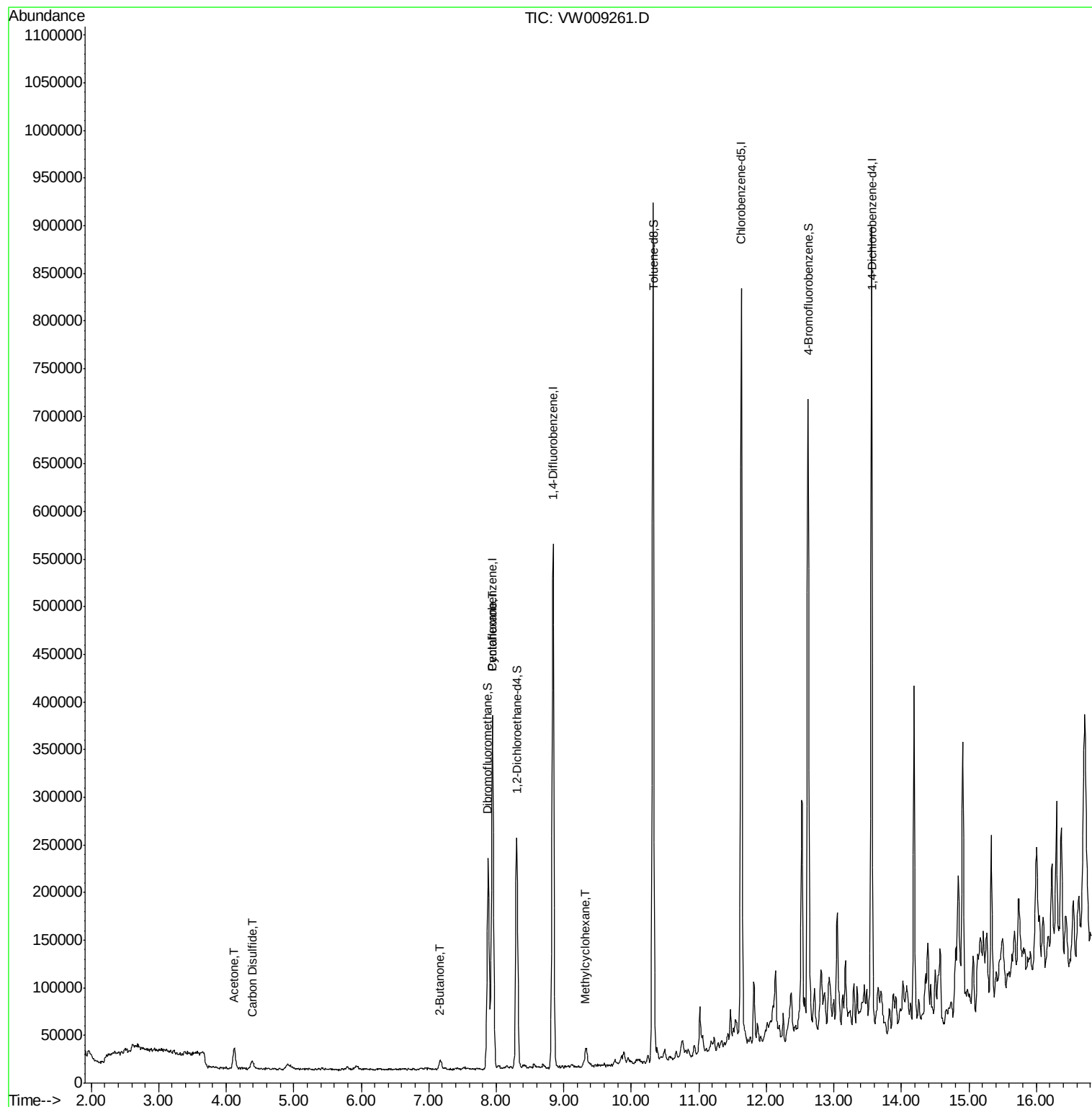
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	270006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	207289	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	182562	63.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.14%	
35) Dibromofluoromethane	7.88	113	149699	53.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.30%	
50) Toluene-d8	10.32	98	546697	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.62	95	204779	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
Target Compounds						
16) Acetone	4.12	43	39808	67.559	ug/l	97
17) Carbon Disulfide	4.38	76	14994	2.087	ug/l	99
25) 2-Butanone	7.17	43	13005	15.403	ug/l	95
31) Cyclohexane	7.95	56	10145	2.153	ug/l #	49
39) Methylcyclohexane	9.33	83	7136	1.409	ug/l	90

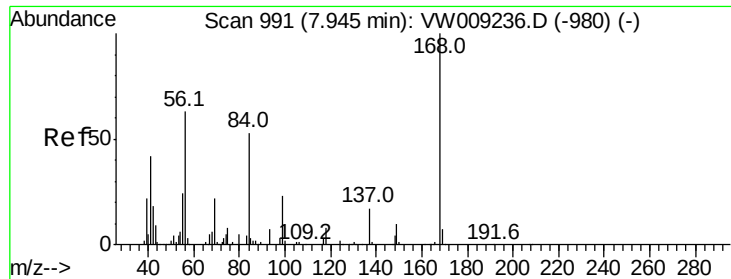
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031919\
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Quant Title : SW846 8260
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: VW009261.D

Acq: 20 Mar 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

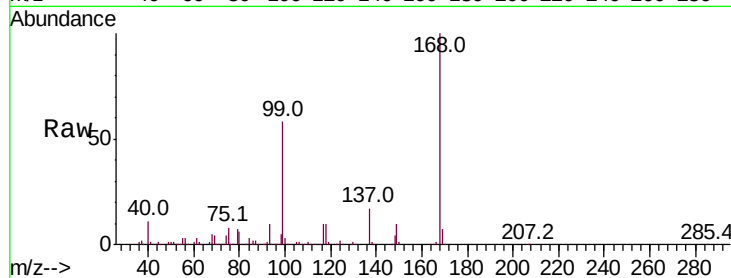
SB-14(13-15)-031519

Tot Ion:168 Resp: 270006

Ion Ratio Lower Upper

168 100

99 58.2 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

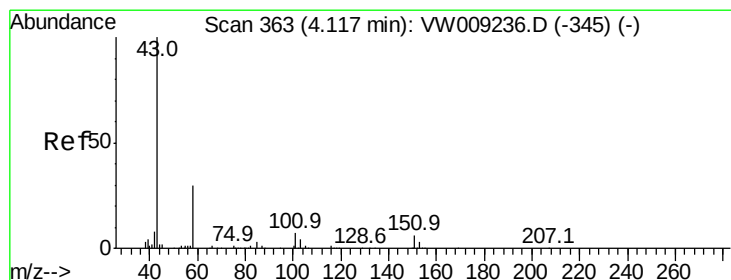
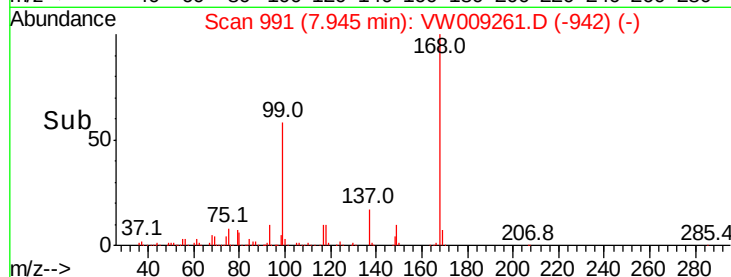
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 67.559 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009261.D

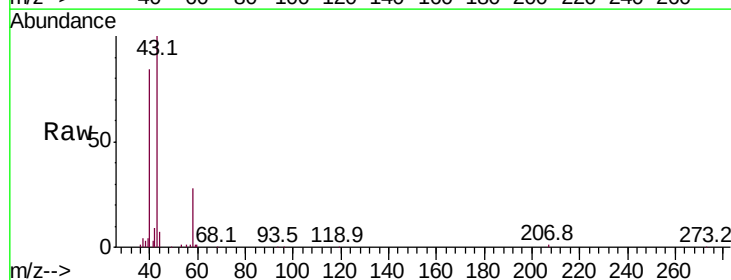
Acq: 20 Mar 2019 02:25

Tgt Ion: 43 Resp: 39808

Ion Ratio Lower Upper

43 100

58 27.8 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

15000

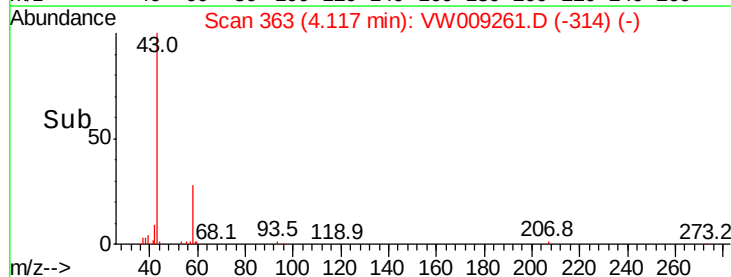
10000

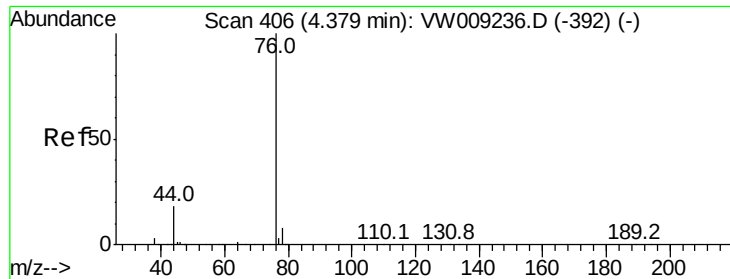
5000

0

4.00 4.10 4.20 4.30

Time-->

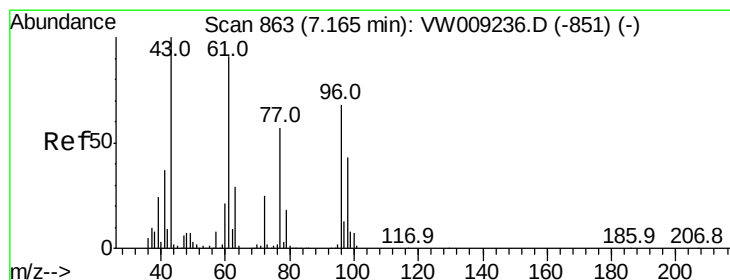
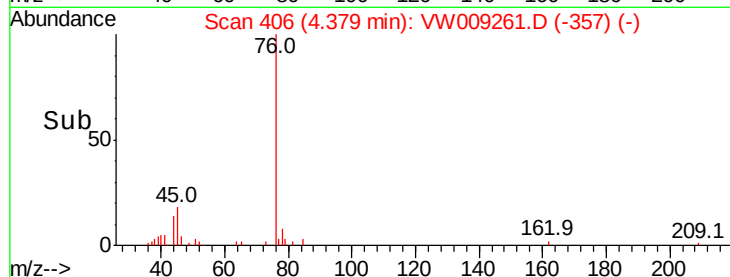
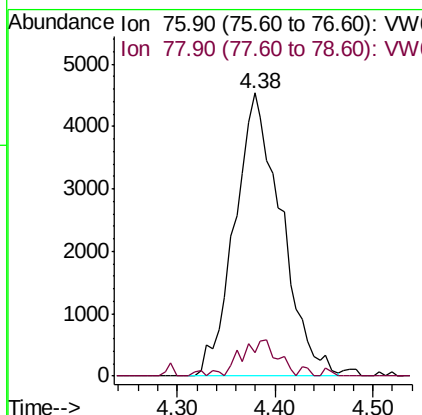
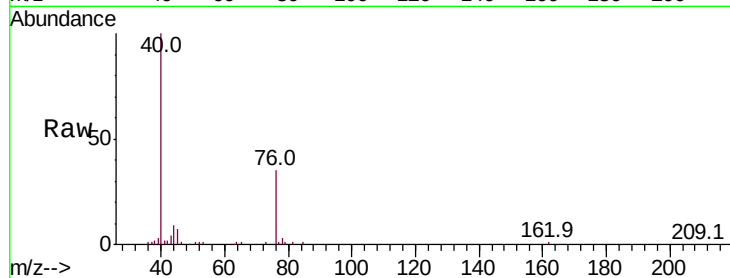




#17
Carbon Disulfide
Concen: 2.087 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW009261.D
Acq: 20 Mar 2019 02:25

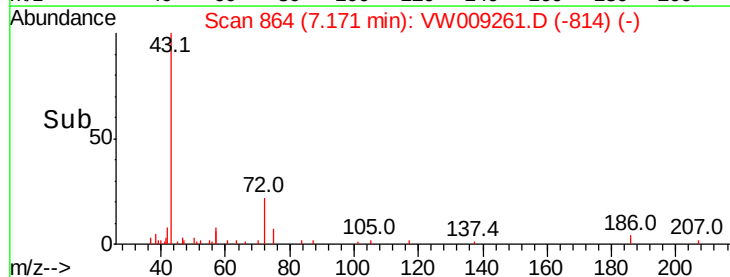
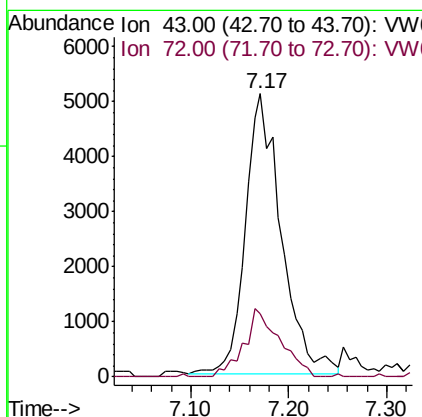
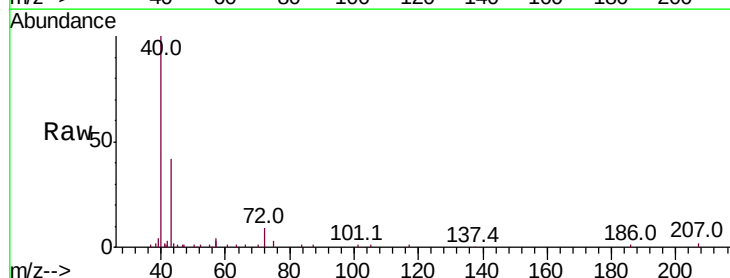
Instrument :
MSVOA_W
ClientSampleId :
SB-14(13-15)-031519

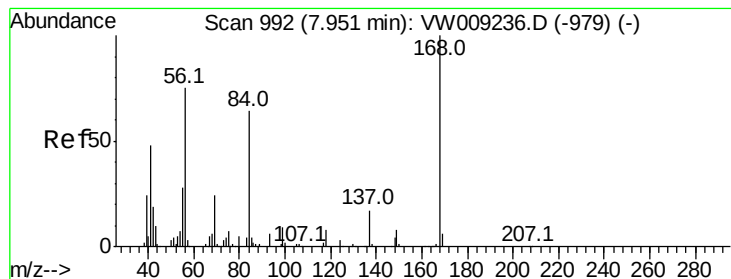
Tot Ion: 76 Resp: 14994
Ion Ratio Lower Upper
76 100
78 8.5 6.6 9.8



#25
2-Butanone
Concen: 15.403 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009261.D
Acq: 20 Mar 2019 02:25

Tgt Ion: 43 Resp: 13005
Ion Ratio Lower Upper
43 100
72 22.7 20.0 30.0





#31

Cyclohexane

Concen: 2.153 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

SB-14(13-15)-031519

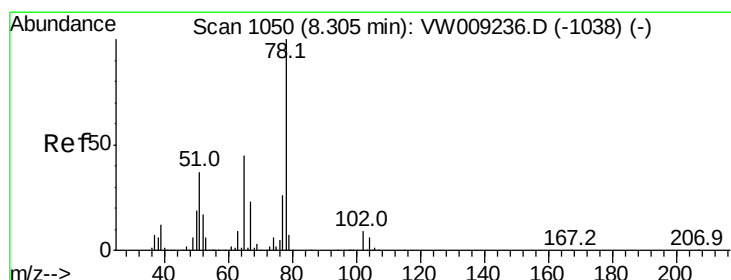
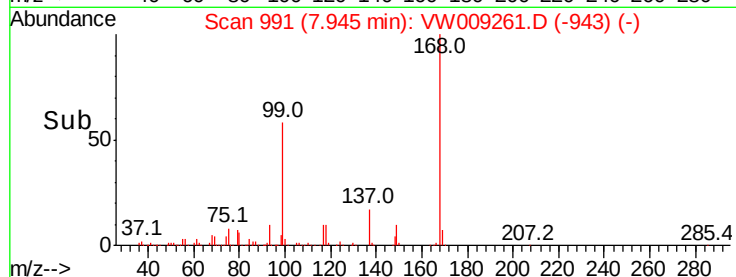
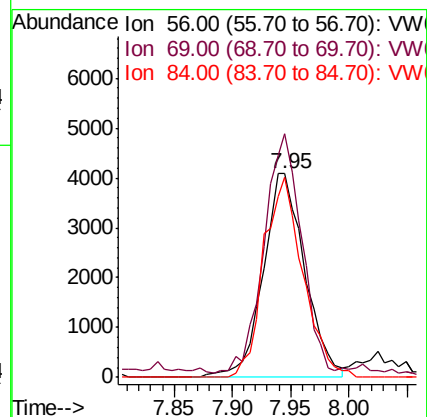
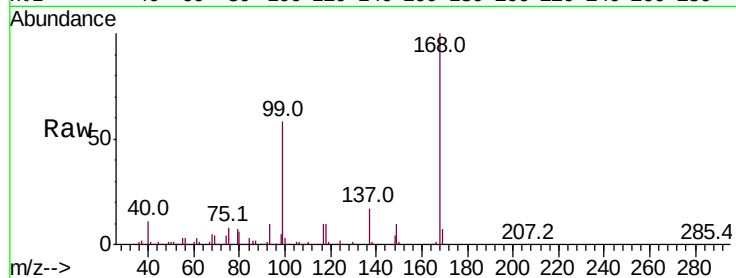
Tot Ion: 56 Resp: 10145

Ion Ratio Lower Upper

56 100

69 116.2 26.1 39.1#

84 98.2 68.6 103.0



#33

1,2-Dichloroethane-d4

Concen: 63.566 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009261.D

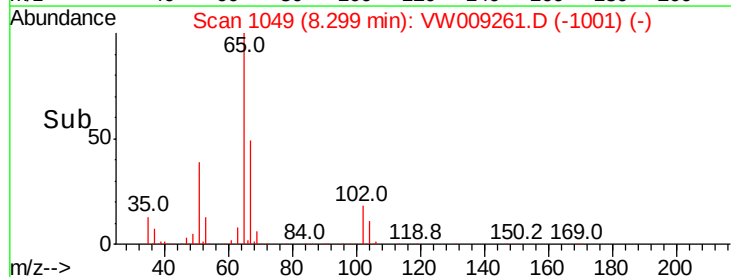
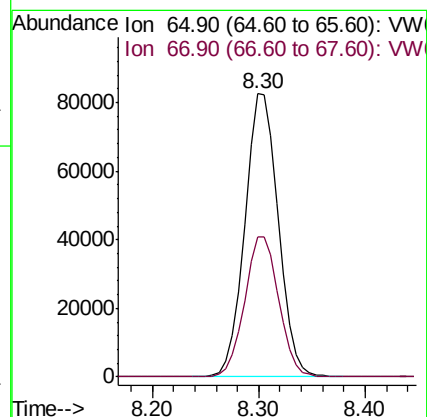
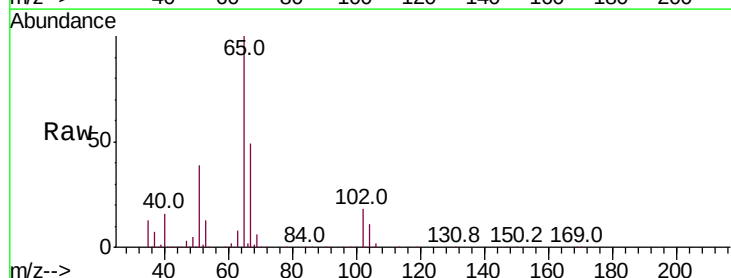
Acq: 20 Mar 2019 02:25

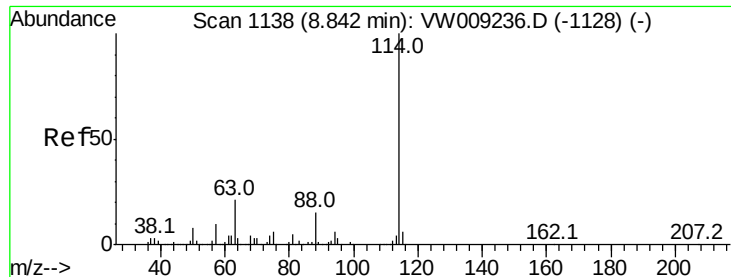
Tgt Ion: 65 Resp: 182562

Ion Ratio Lower Upper

65 100

67 50.6 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: VW009261.D

Acq: 20 Mar 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

SB-14(13-15)-031519

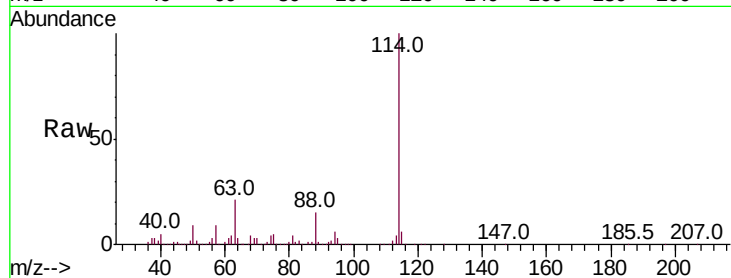
Tot Ion:114 Resp: 439842

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

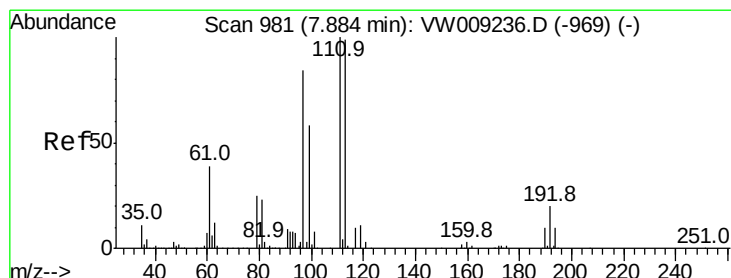
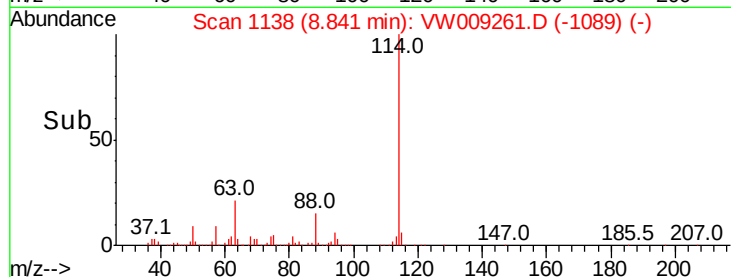
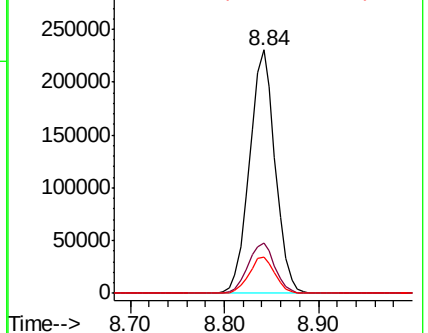
88 14.9 0.0 30.8



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: 53.653 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

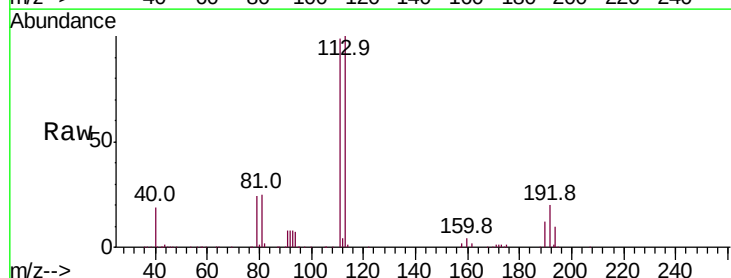
Tgt Ion:113 Resp: 149699

Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

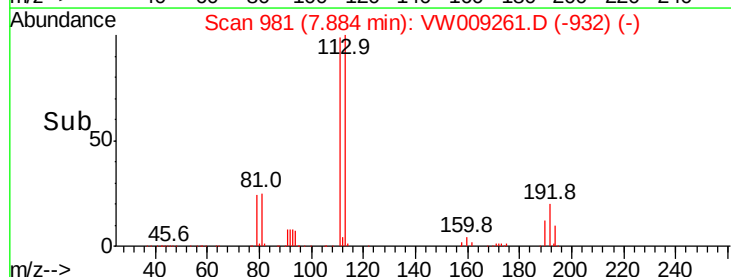
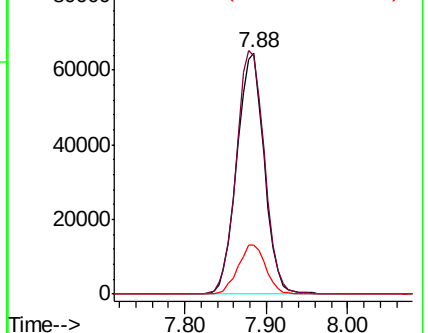
192 20.7 16.4 24.6

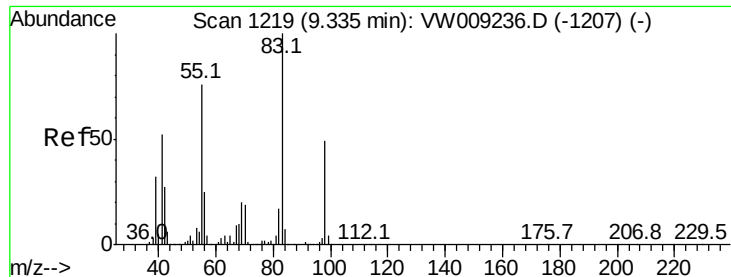


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#39

Methylvlcyclohexane

Concen: 1.409 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

SB-14(13-15)-031519

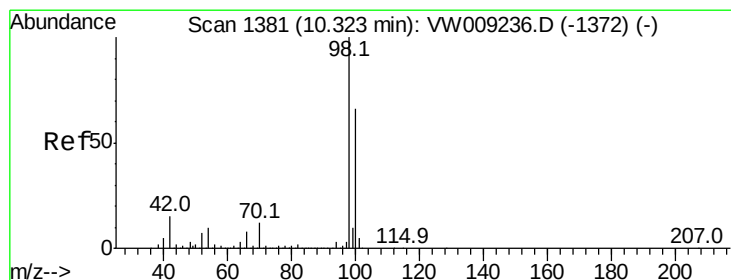
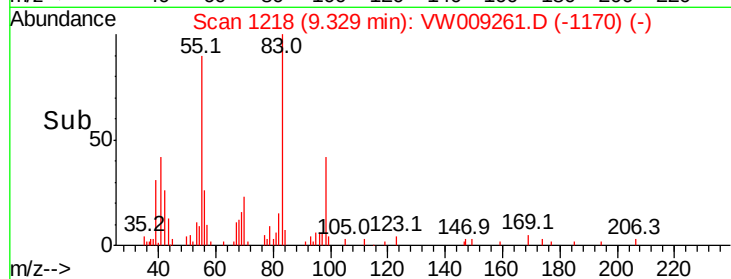
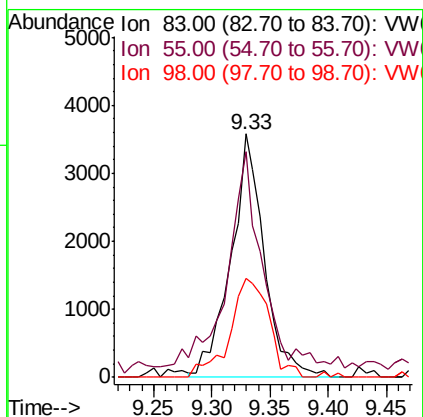
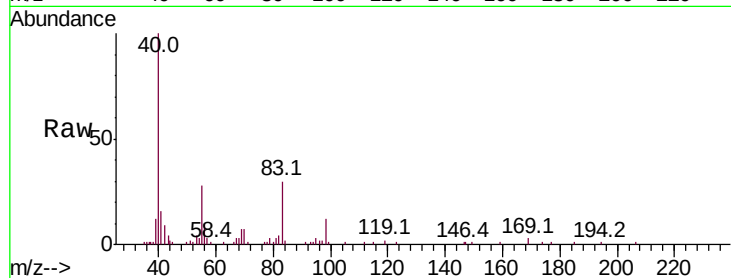
Tot Ion: 83 Resp: 7136

Ion Ratio Lower Upper

83 100

55 84.4 61.1 91.7

98 40.8 39.0 58.4



#50

Toluene-d8

Concen: 53.917 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009261.D

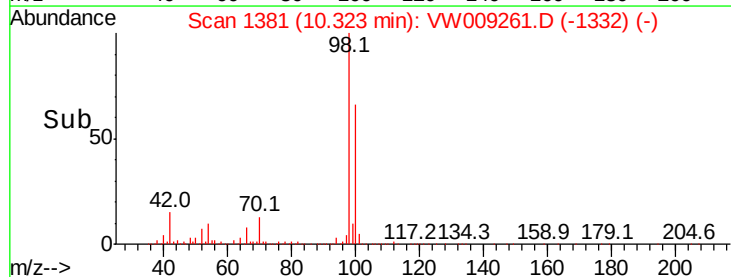
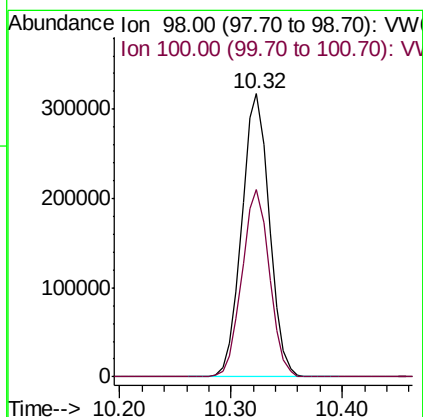
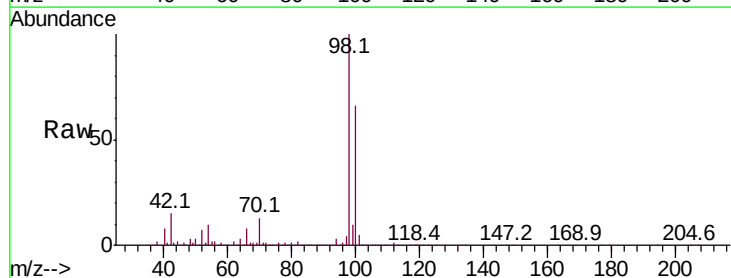
Acq: 20 Mar 2019 02:25

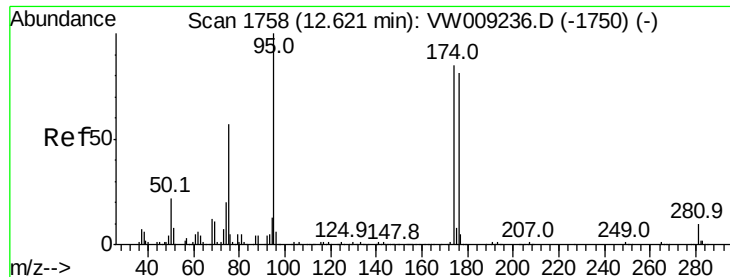
Tgt Ion: 98 Resp: 546697

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 55.006 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

Instrument :

MSVOA_W

ClientSampleId :

SB-14(13-15)-031519

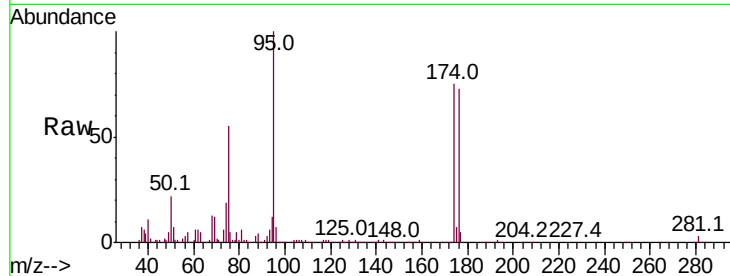
Tot Ion: 95 Resp: 204779

Ion Ratio Lower Upper

95 100

174 82.3 0.0 168.4

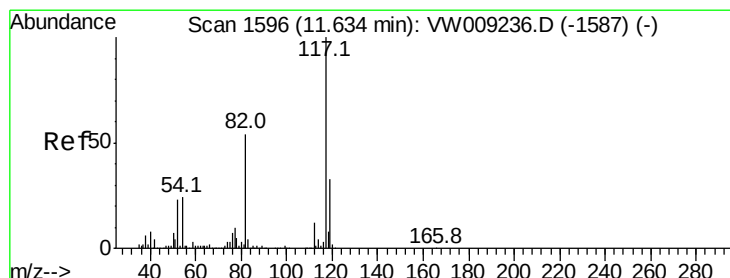
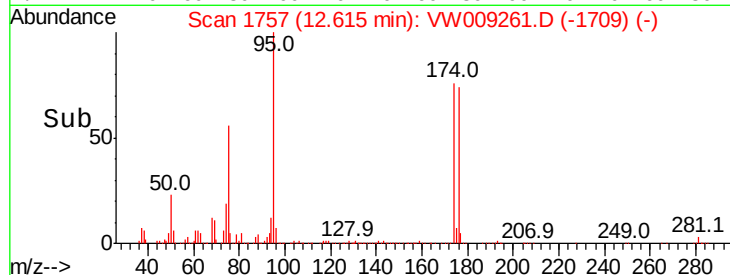
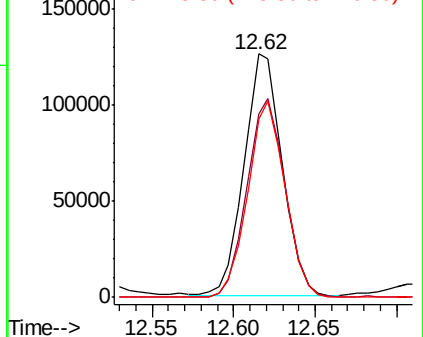
176 79.3 0.0 161.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

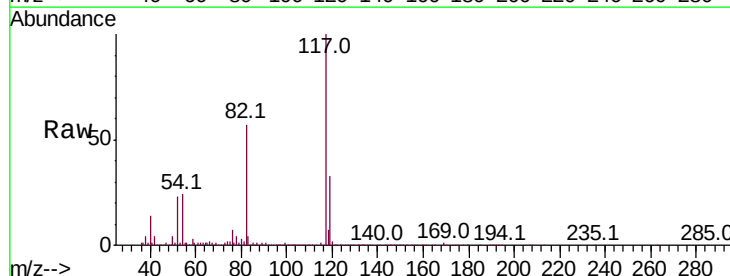
Tgt Ion: 117 Resp: 419555

Ion Ratio Lower Upper

117 100

82 57.2 43.6 65.4

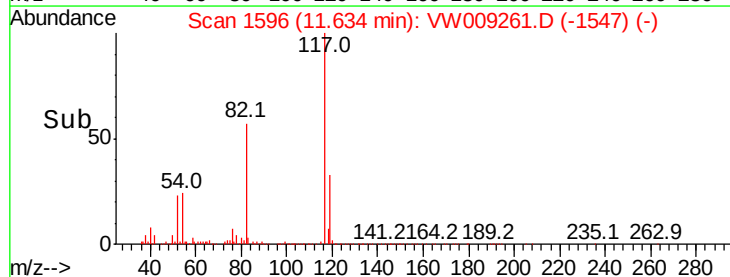
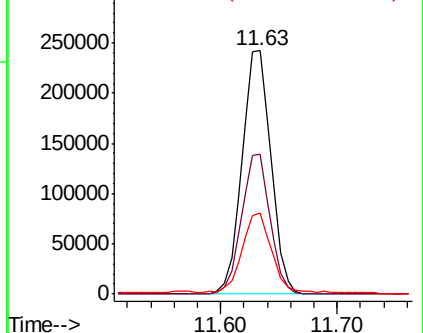
119 32.6 26.0 39.0

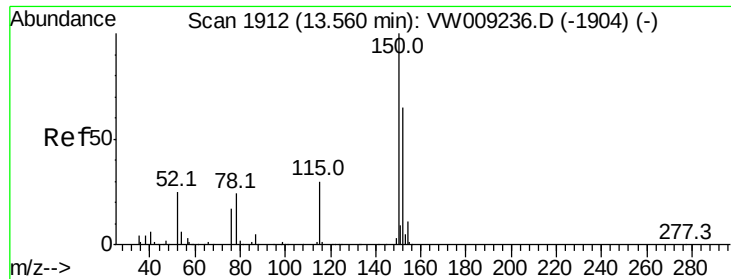


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009261.D

Acq: 20 Mar 2019 02:25

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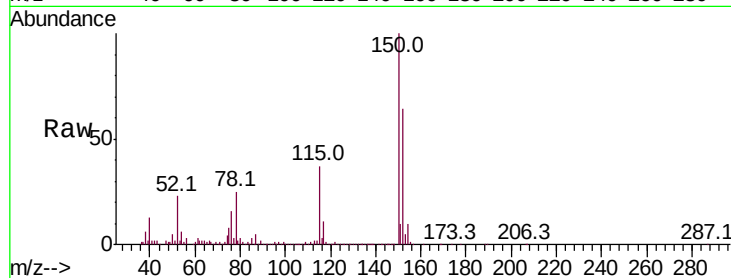
Tot Ion:152 Resp: 207289

Ion Ratio Lower Upper

152 100

115 57.4 29.6 88.8

150 155.9 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

