

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009271.D
 Acq On : 20 Mar 2019 06:54
 Operator : SY/VA
 Sample : K1987-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190144-COMPOSITE-C

Quant Time: Mar 20 09:12:09 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

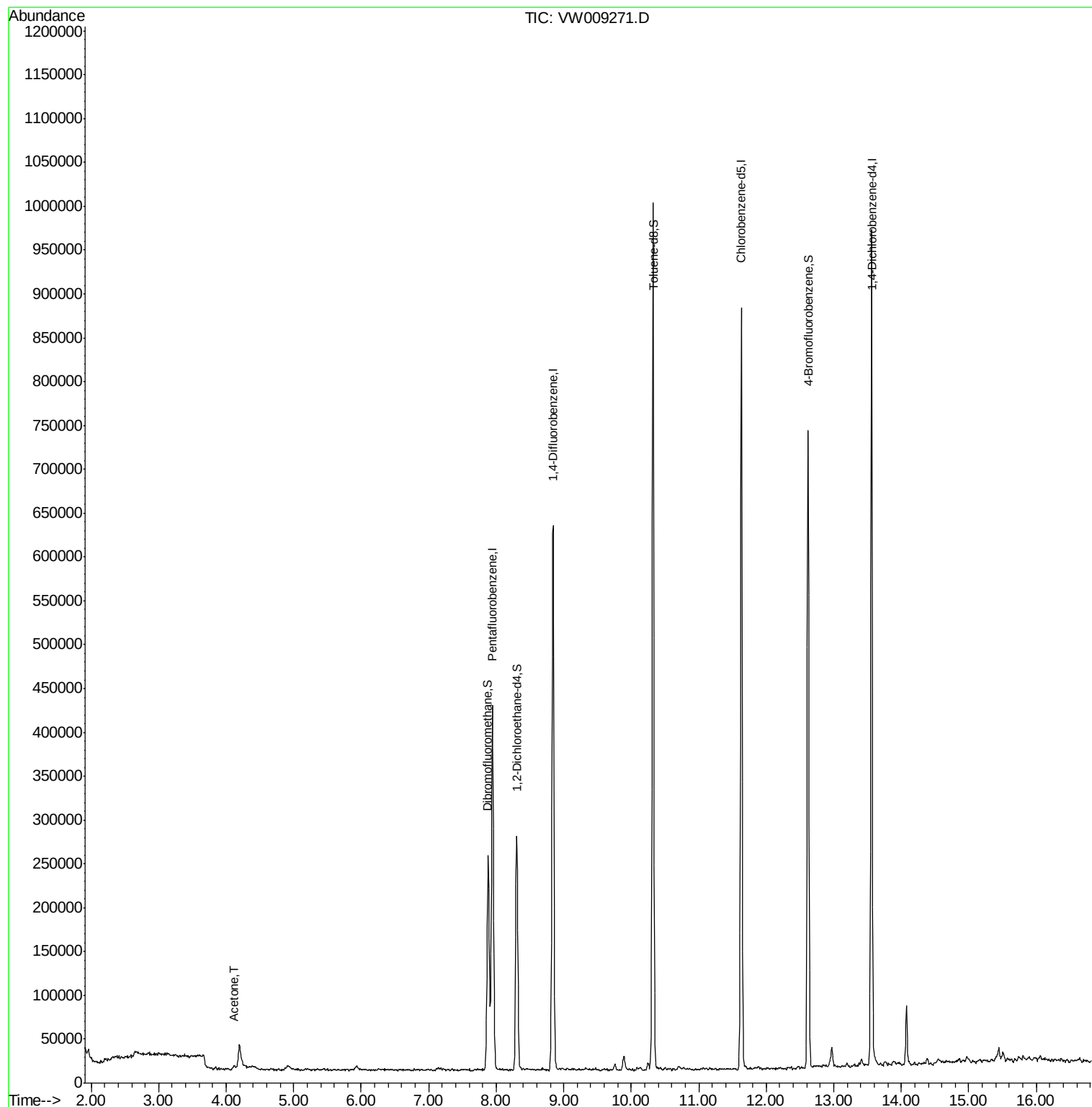
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	302889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	459034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	229260	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	201200	62.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.90%	
35) Dibromofluoromethane	7.88	113	168571	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	10.32	98	610622	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	220989	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
16) Acetone	4.12	43	8411	12.725	ug/l	Qvalue 95

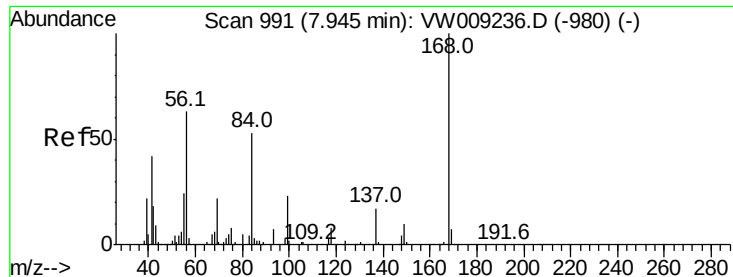
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW009271.D

Acq: 20 Mar 2019 06:54

Instrument :

MSVOA_W

ClientSampleId :

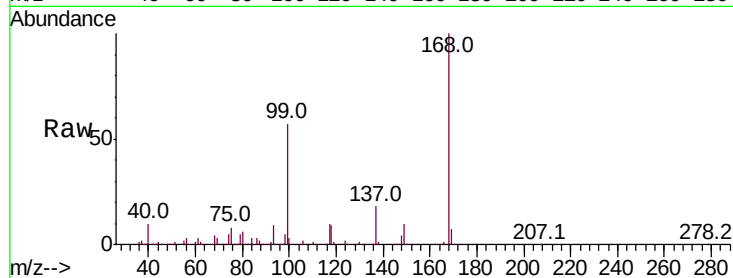
20190144-COMPOSITE-C

Tot Ion:168 Resp: 302889

Ion Ratio Lower Upper

168 100

99 56.5 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

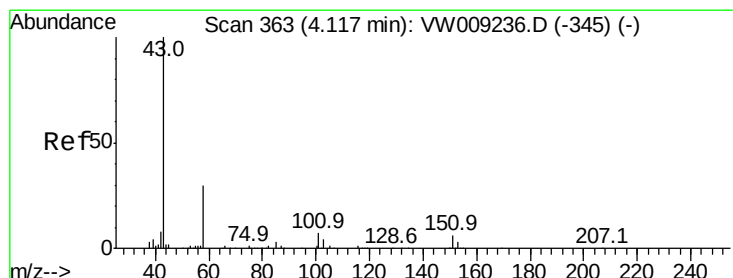
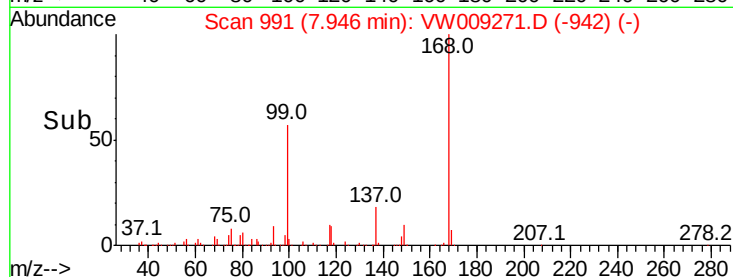
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 12.725 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009271.D

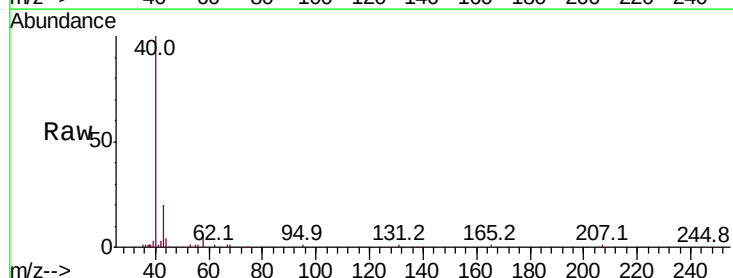
Acq: 20 Mar 2019 06:54

Tgt Ion: 43 Resp: 8411

Ion Ratio Lower Upper

43 100

58 26.8 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

3000

2500

2000

1500

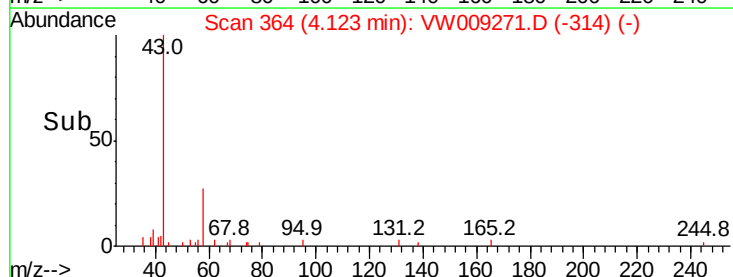
1000

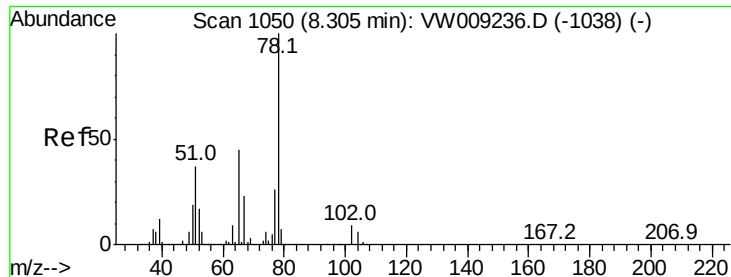
500

0

4.00 4.05 4.10 4.15 4.20

Time-->

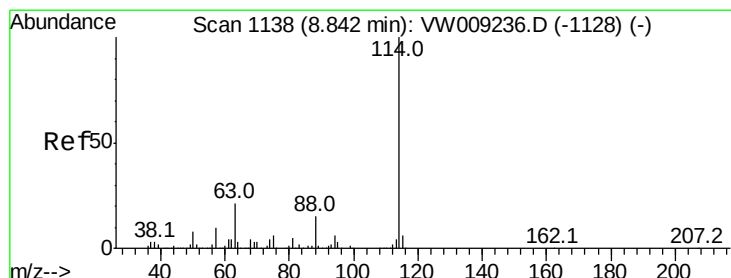
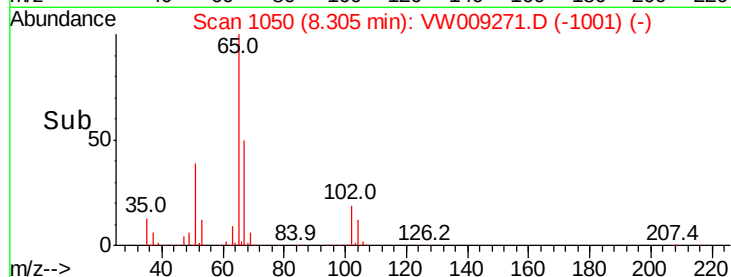
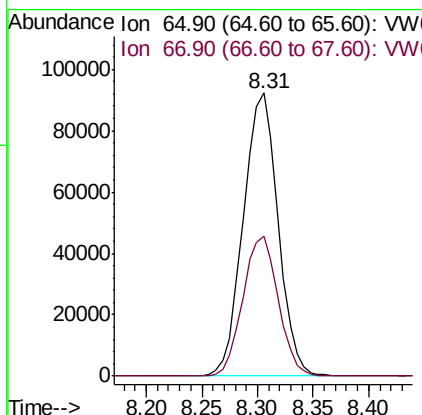
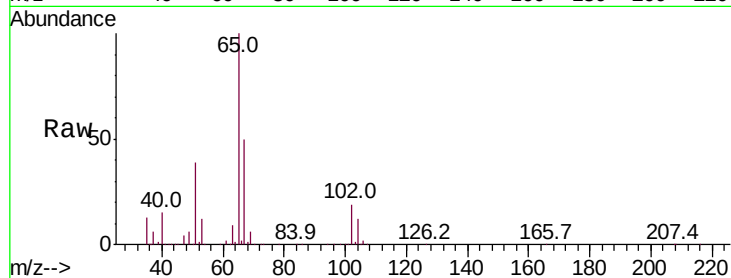




#33
 1,2-Dichloroethane-d4
 Concen: 62.450 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009271.D
 Acq: 20 Mar 2019 06:54

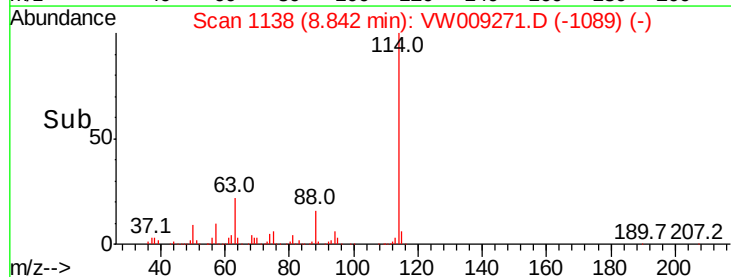
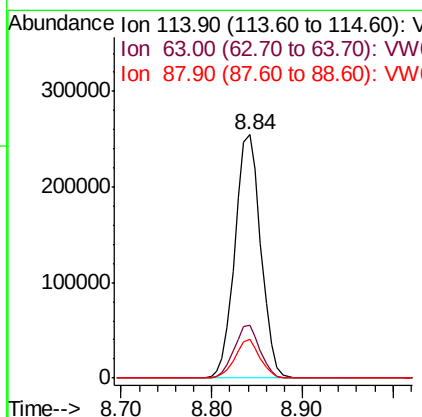
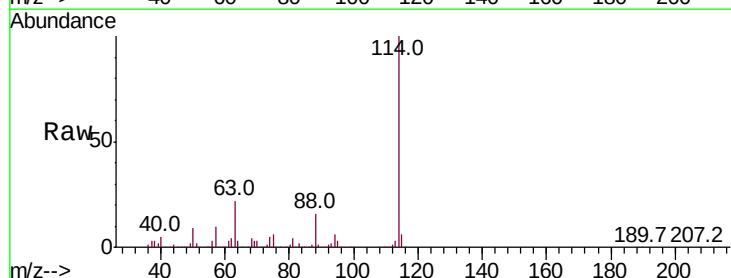
Instrument :
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 ClientSampleId :
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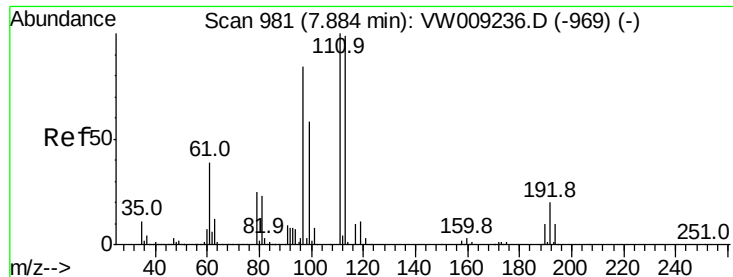
Tot Ion: 65 Resp: 201200
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009271.D
 Acq: 20 Mar 2019 06:54

Tgt Ion: 114 Resp: 503687
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.2
 88 15.8 0.0 30.8

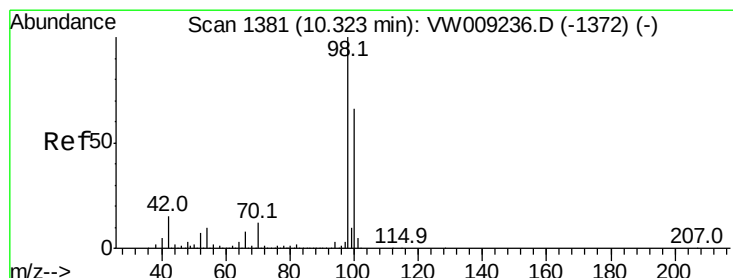
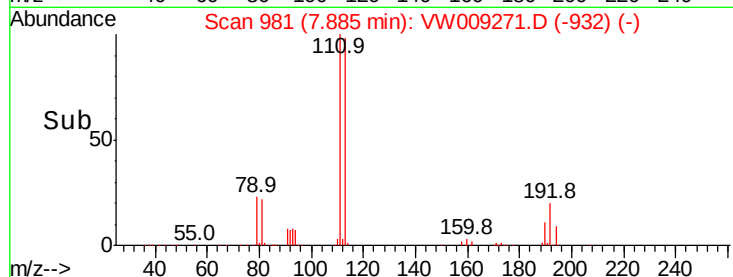
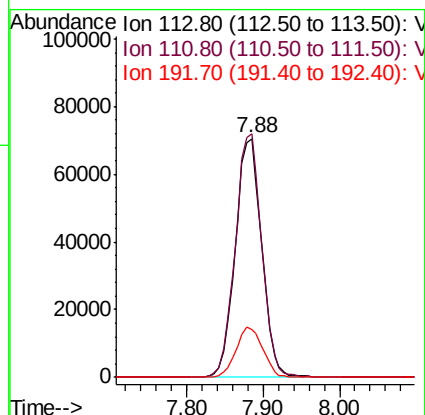
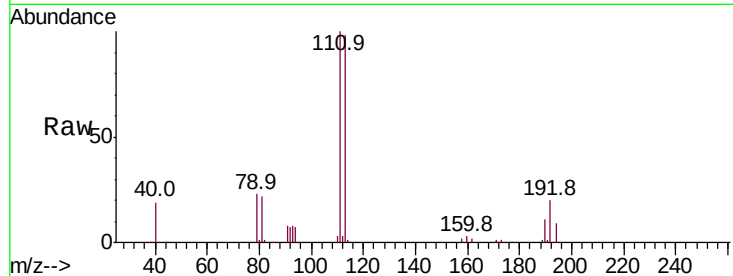




#35
 Dibromofluoromethane
 Concen: 52.759 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009271.D
 Acq: 20 Mar 2019 06:54

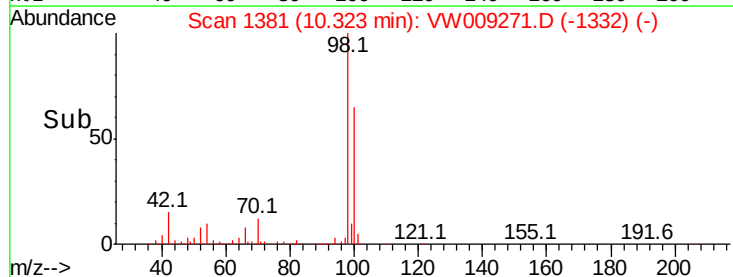
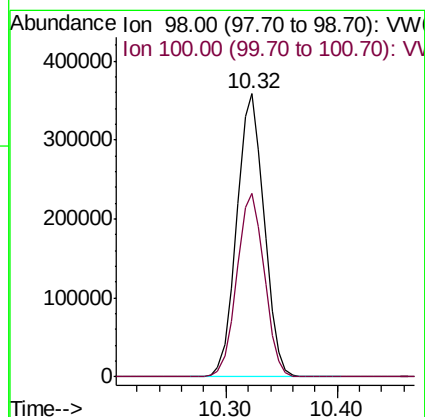
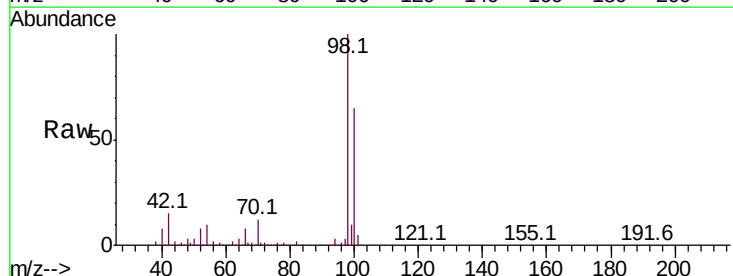
Instrument :
 MSVOA_W
 ClientSampleId :
 20190144-COMPOSITE-C

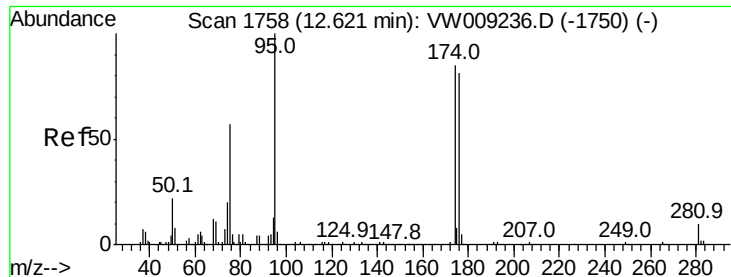
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	21.2	16.4	24.6



#50
 Toluene-d8
 Concen: 52.589 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009271.D
 Acq: 20 Mar 2019 06:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 51.836 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009271.D

Acq: 20 Mar 2019 06:54

Instrument :

MSVOA_W

ClientSampleId :

20190144-COMPOSITE-C

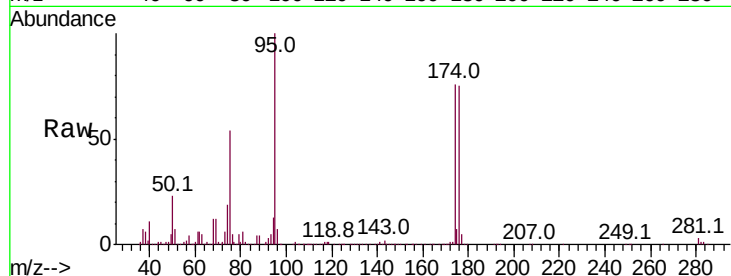
Tot Ion: 95 Resp: 220989

Ion Ratio Lower Upper

95 100

174 82.8 0.0 168.4

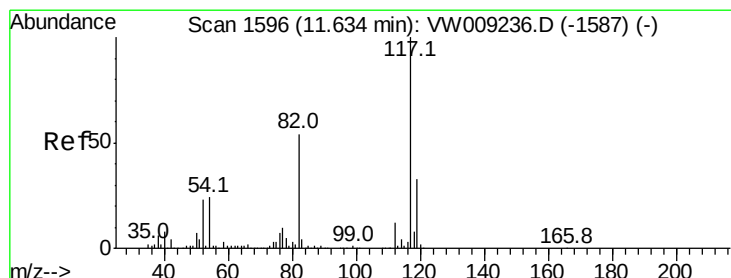
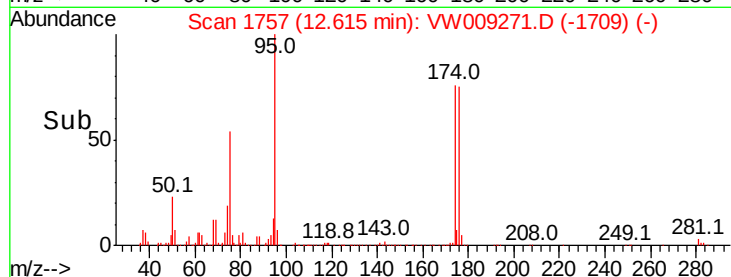
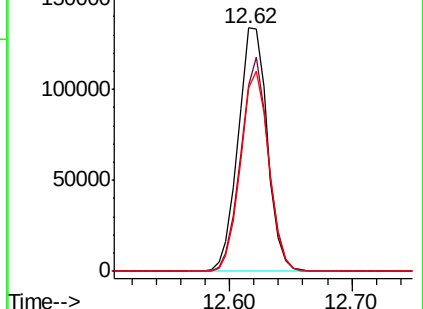
176 79.7 0.0 161.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW009271.D

Acq: 20 Mar 2019 06:54

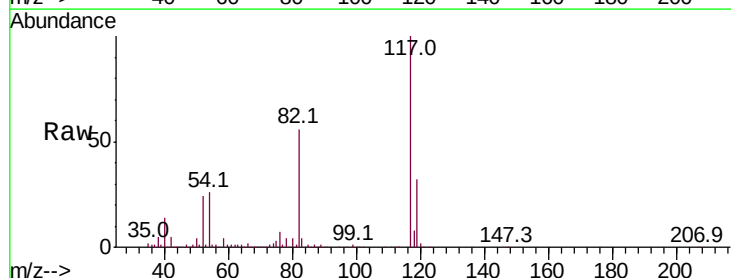
Tgt Ion: 117 Resp: 459034

Ion Ratio Lower Upper

117 100

82 56.5 43.6 65.4

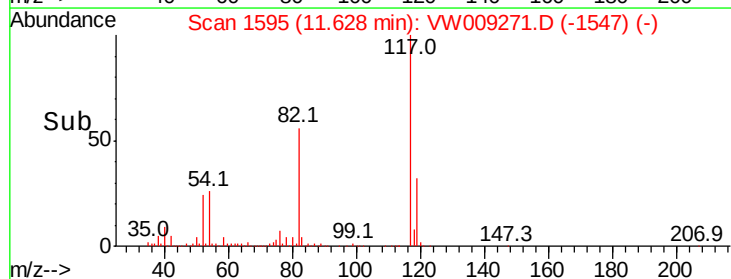
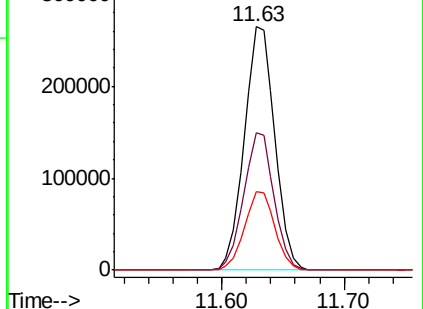
119 32.3 26.0 39.0

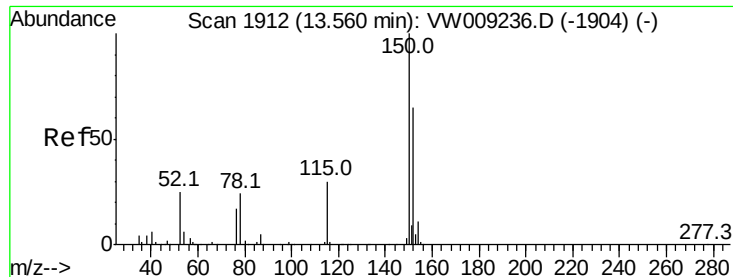


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009271.D

Acq: 20 Mar 2019 06:54

Instrument :

MSVOA_W

ClientSampleId :

20190144-COMPOSITE-C

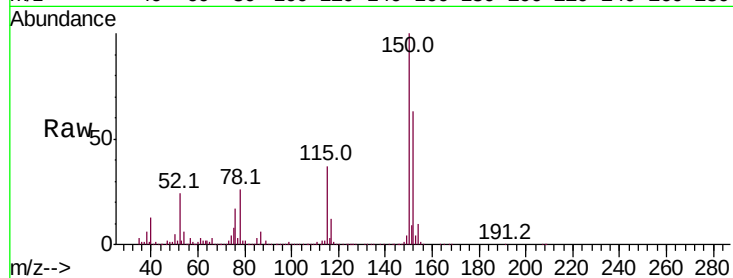
Tot Ion:152 Resp: 229260

Ion Ratio Lower Upper

152 100

115 58.2 29.6 88.8

150 157.2 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

