

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100319\
 Data File : VW013427.D
 Acq On : 03 Oct 2019 18:45
 Operator : SY/VA
 Sample : K5205-01
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052-200029

Quant Time: Oct 04 09:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

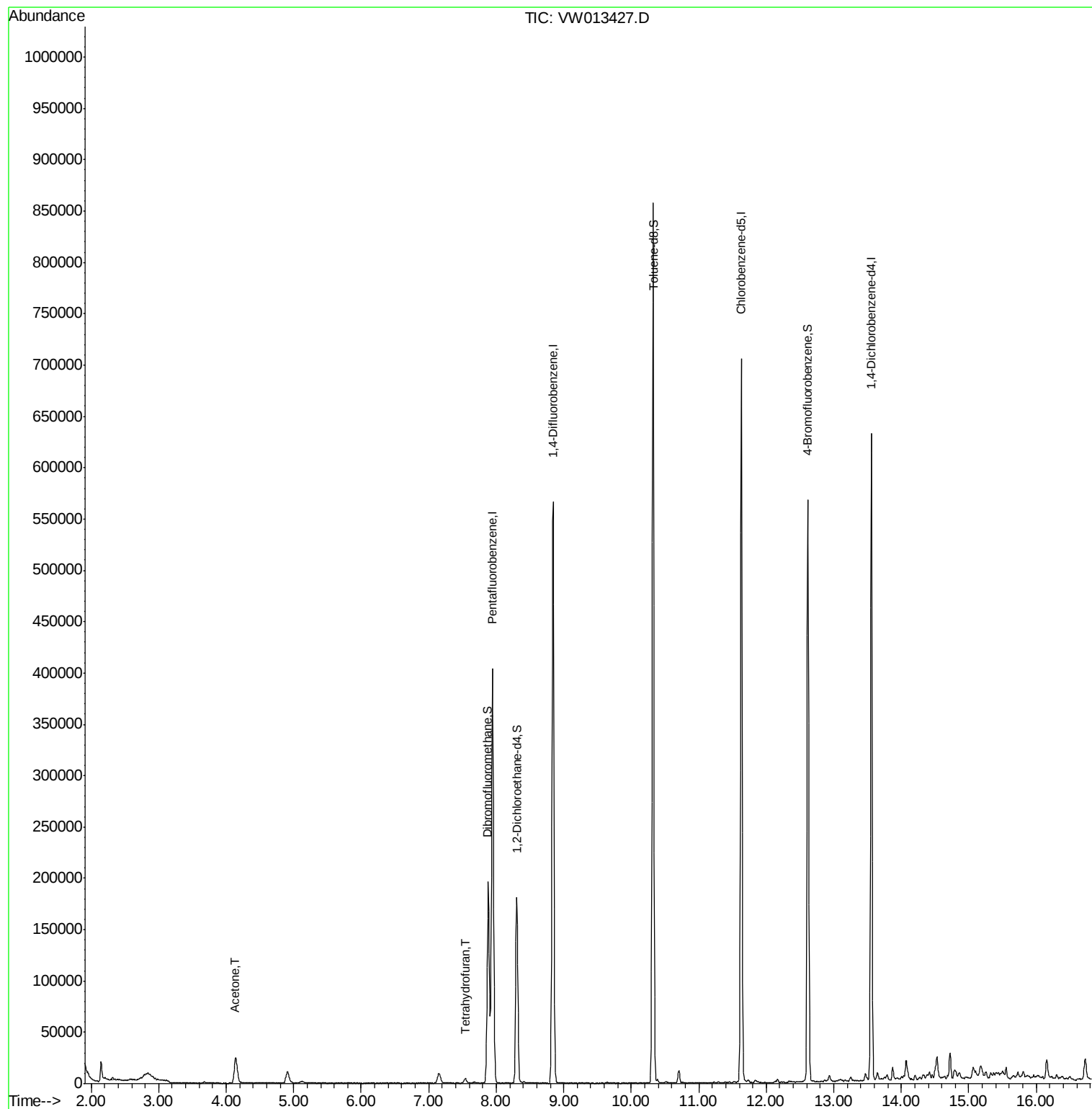
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	339570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	507041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	180978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139837	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
35) Dibromofluoromethane	7.88	113	141270	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	10.32	98	579655	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	181401	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
Target Compounds						
16) Acetone	4.14	43	52142	67.092	ug/l	95
29) Tetrahydrofuran	7.54	42	4278	16.803	ug/l	96

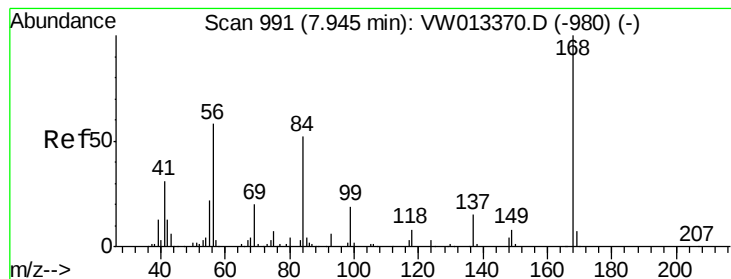
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 02 11:49:57 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: VW013427.D

Acq: 03 Oct 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

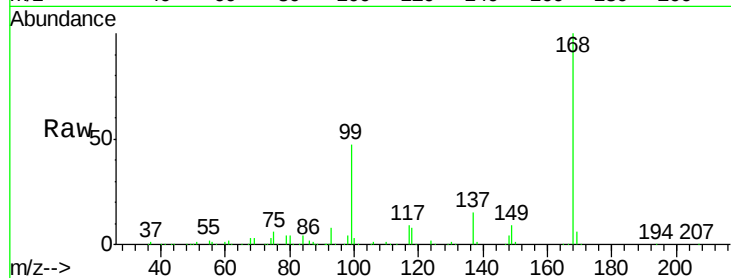
RBR-200052-200029

Tot Ion:168 Resp: 339570

Ion Ratio Lower Upper

168 100

99 47.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

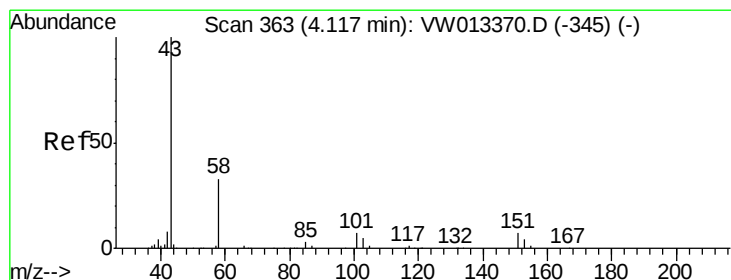
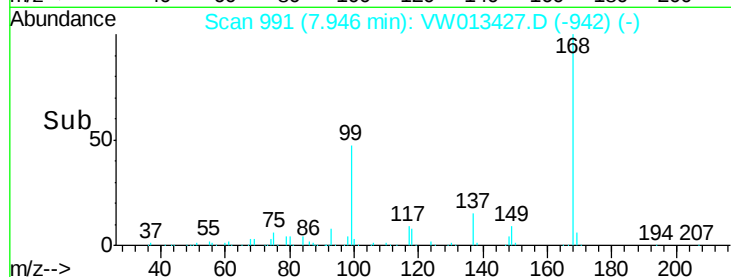
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 67.092 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013427.D

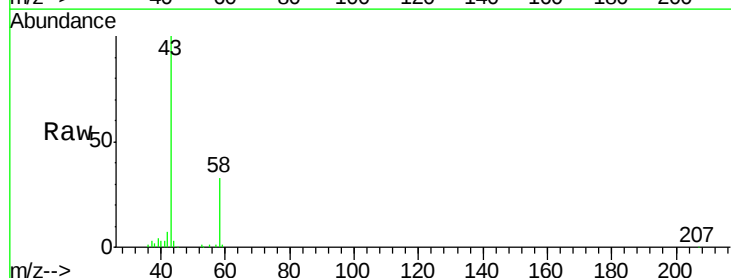
Acq: 03 Oct 2019 18:45

Tgt Ion: 43 Resp: 52142

Ion Ratio Lower Upper

43 100

58 33.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

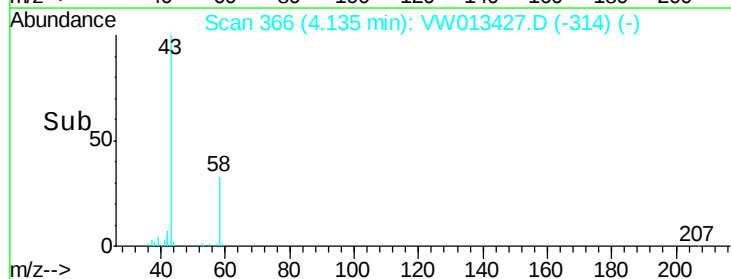
15000

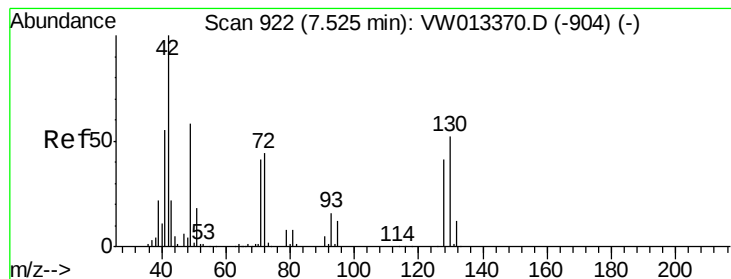
10000

5000

0

Time-->





#29

Tetrahydrofuran

Concen: 16.803 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.02 min

Lab File: VW013427.D

Acq: 03 Oct 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052-200029

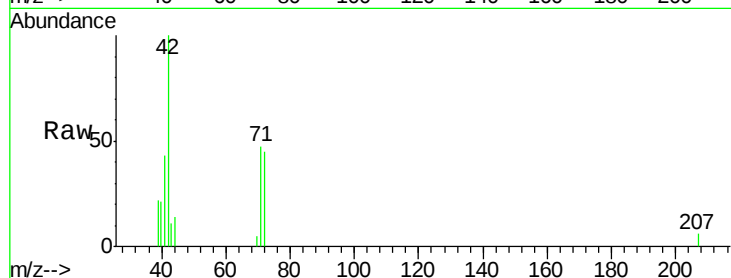
Tot Ion: 42 Resp: 4278

Ion Ratio Lower Upper

42 100

72 46.7 33.9 50.9

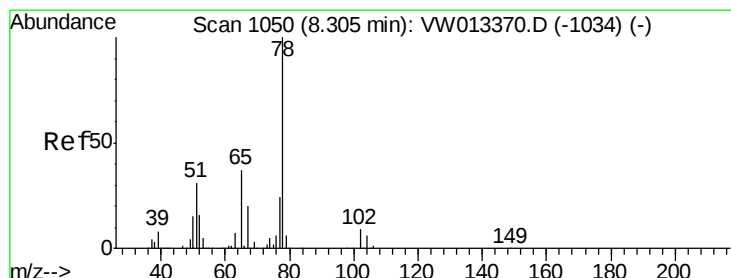
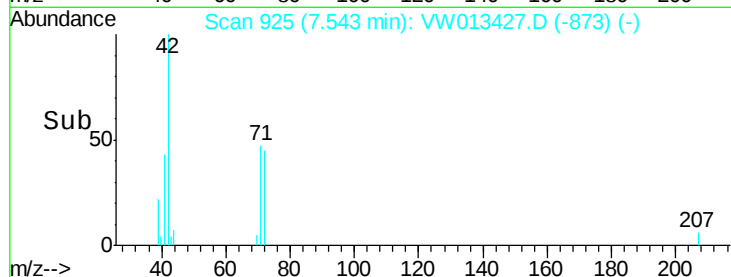
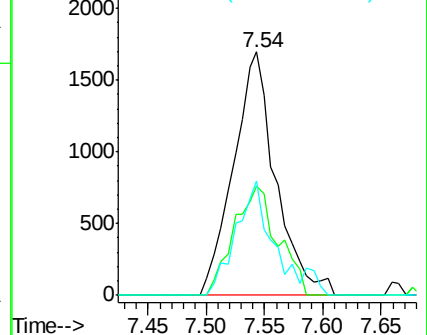
71 39.8 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 55.152 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013427.D

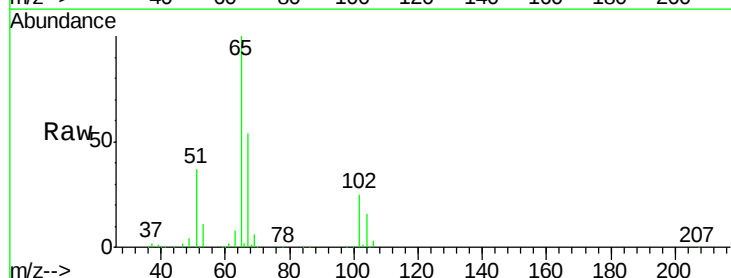
Acq: 03 Oct 2019 18:45

Tgt Ion: 65 Resp: 139837

Ion Ratio Lower Upper

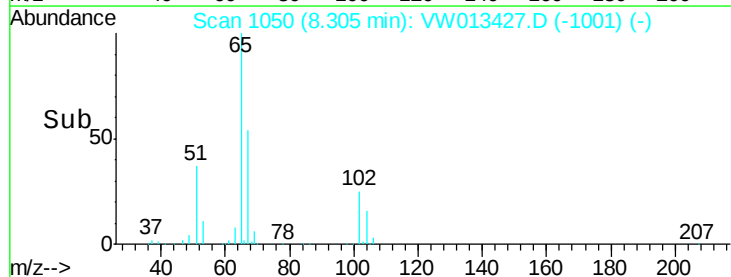
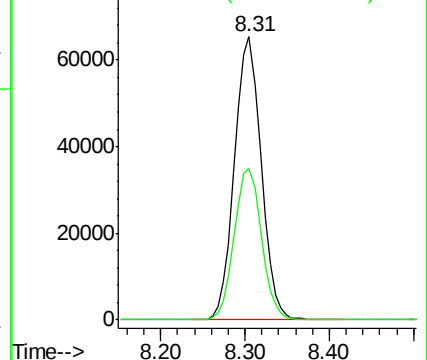
65 100

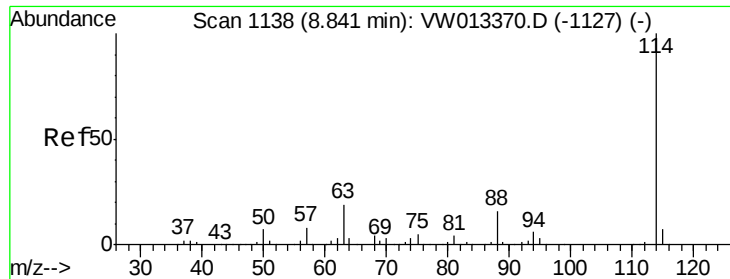
67 54.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

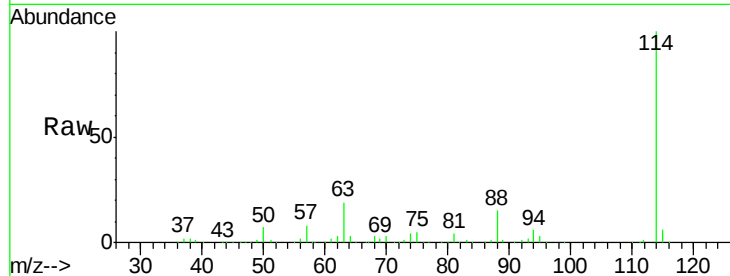




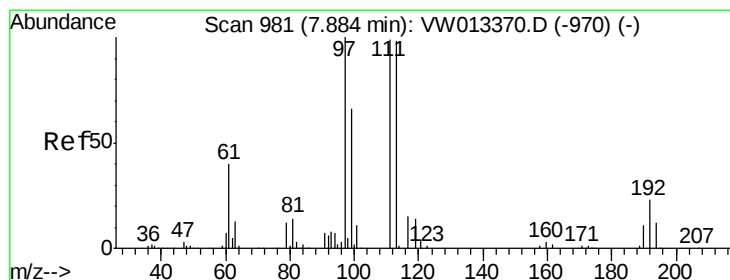
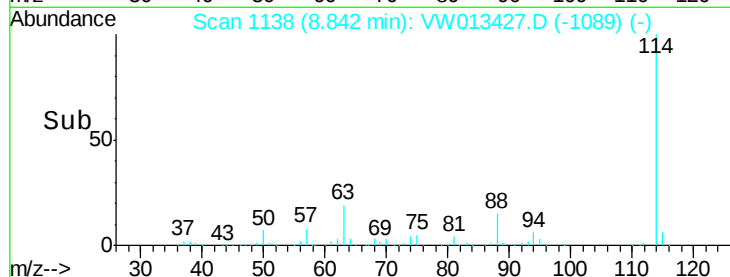
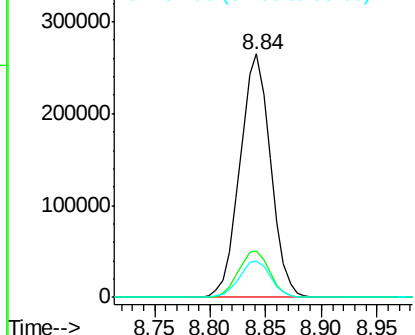
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013427.D
 Acq: 03 Oct 2019 18:45

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052-200029

Tot Ion:114 Resp: 507041
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 14.7 0.0 32.0

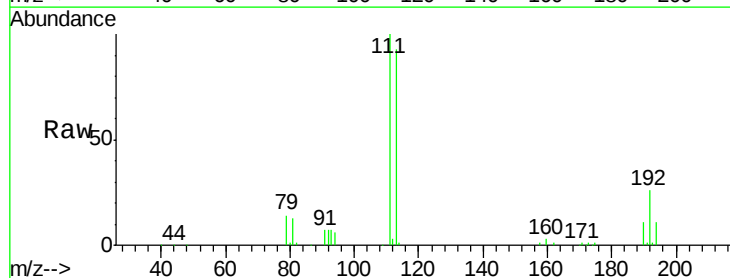


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

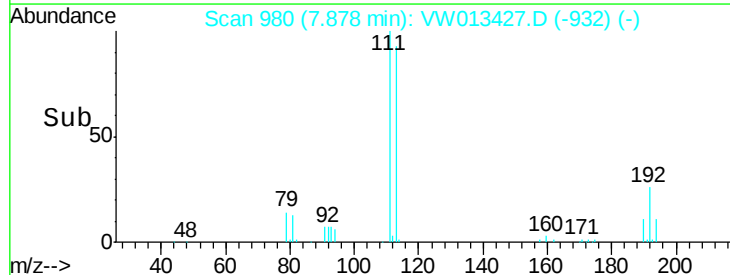
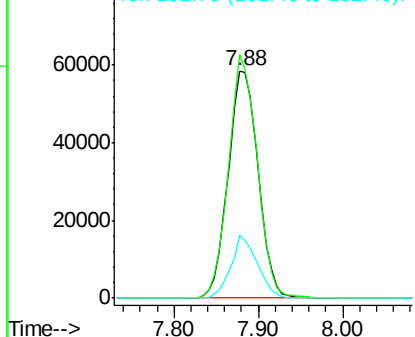


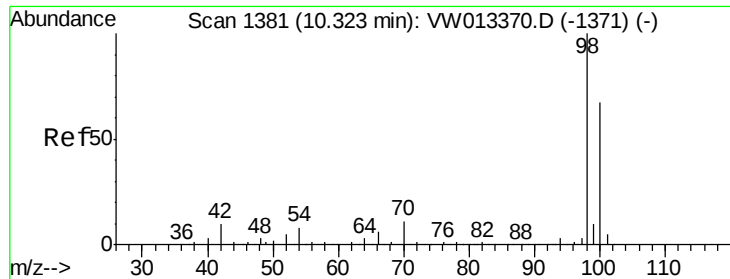
#35
 Dibromofluoromethane
 Concen: 53.098 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013427.D
 Acq: 03 Oct 2019 18:45

Tgt Ion:113 Resp: 141270
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 24.5 19.1 28.7



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: 52.501 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013427.D

Acq: 03 Oct 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

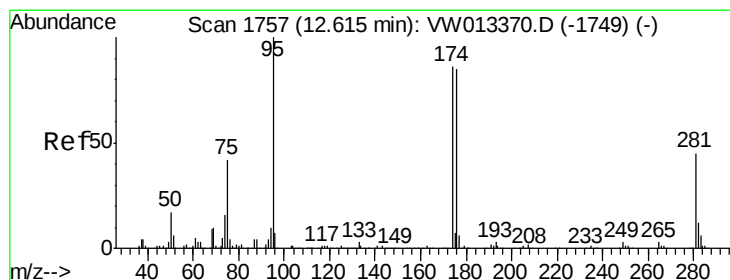
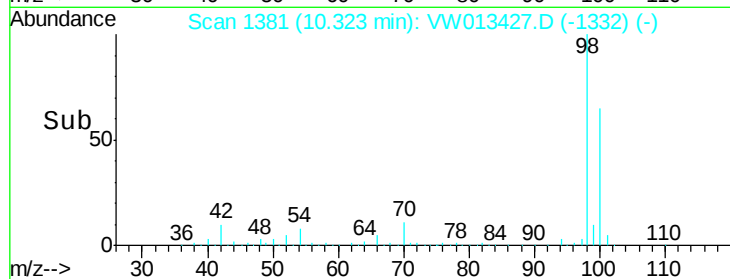
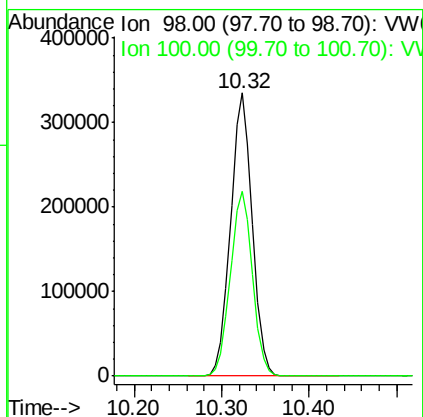
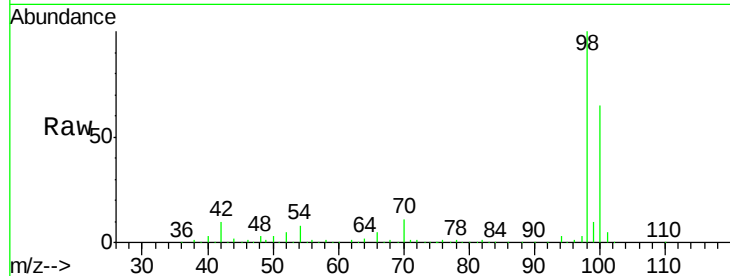
RBR-200052-200029

Tot Ion: 98 Resp: 579655

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 49.201 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013427.D

Acq: 03 Oct 2019 18:45

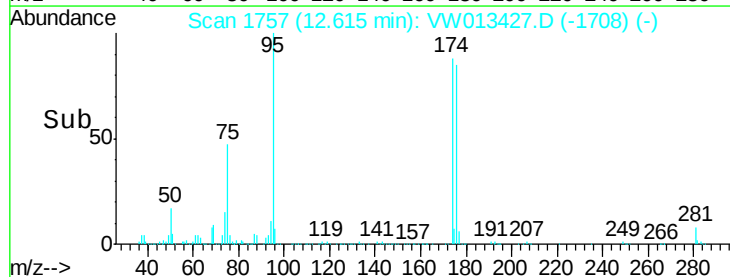
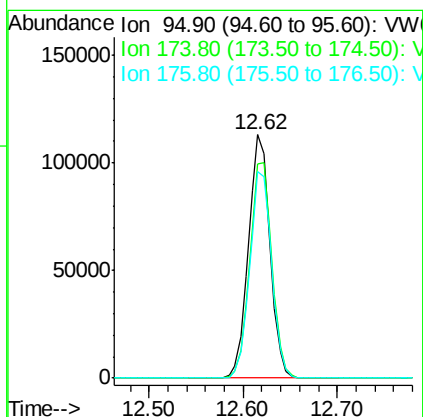
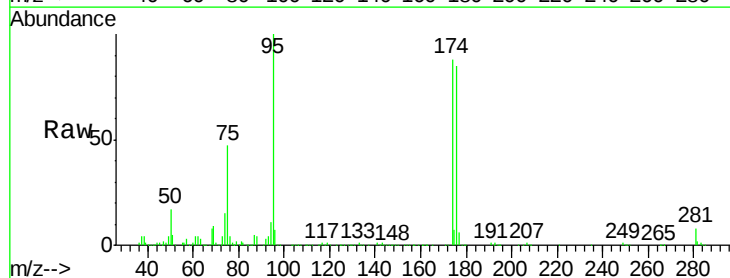
Tgt Ion: 95 Resp: 181401

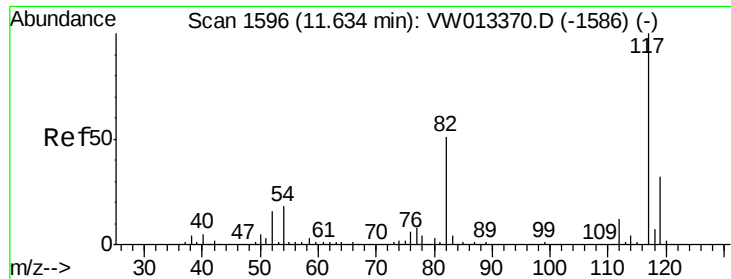
Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.4

176 86.6 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013427.D

Acq: 03 Oct 2019 18:45

Instrument :

MSVOA_W

ClientSampleId :

RBR-200052-200029

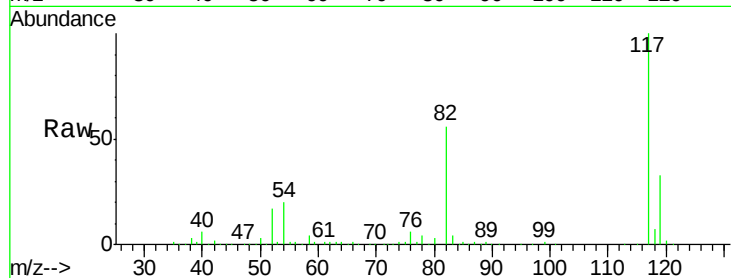
Tot Ion:117 Resp: 413601

Ion Ratio Lower Upper

117 100

82 55.9 45.9 68.9

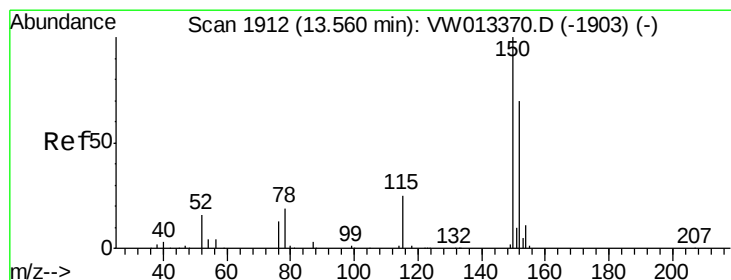
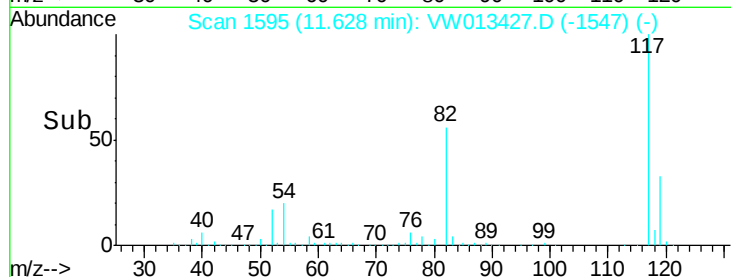
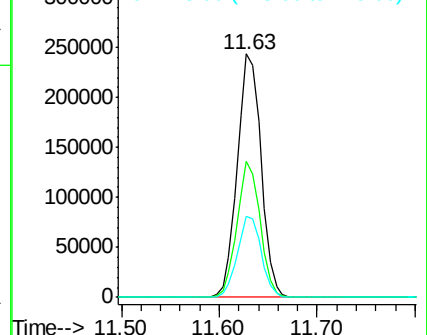
119 33.1 26.2 39.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013427.D

Acq: 03 Oct 2019 18:45

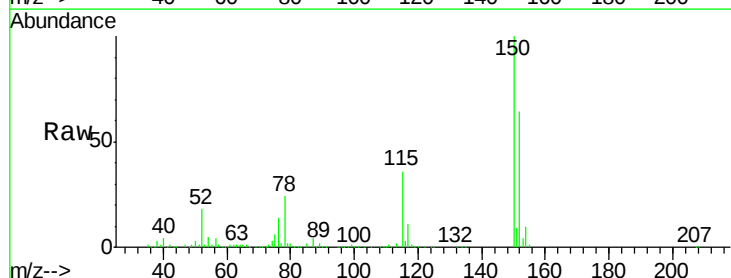
Tgt Ion:152 Resp: 180978

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

150 156.5 0.0 349.0



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

