

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083120\
 Data File : VW016408.D
 Acq On : 31 Aug 2020 13:51
 Operator : SY/VA
 Sample : L3846-05
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BP-VPB181-GW-723-725

Quant Time: Sep 01 03:17:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 15:01:43 2020
 Response via : Initial Calibration

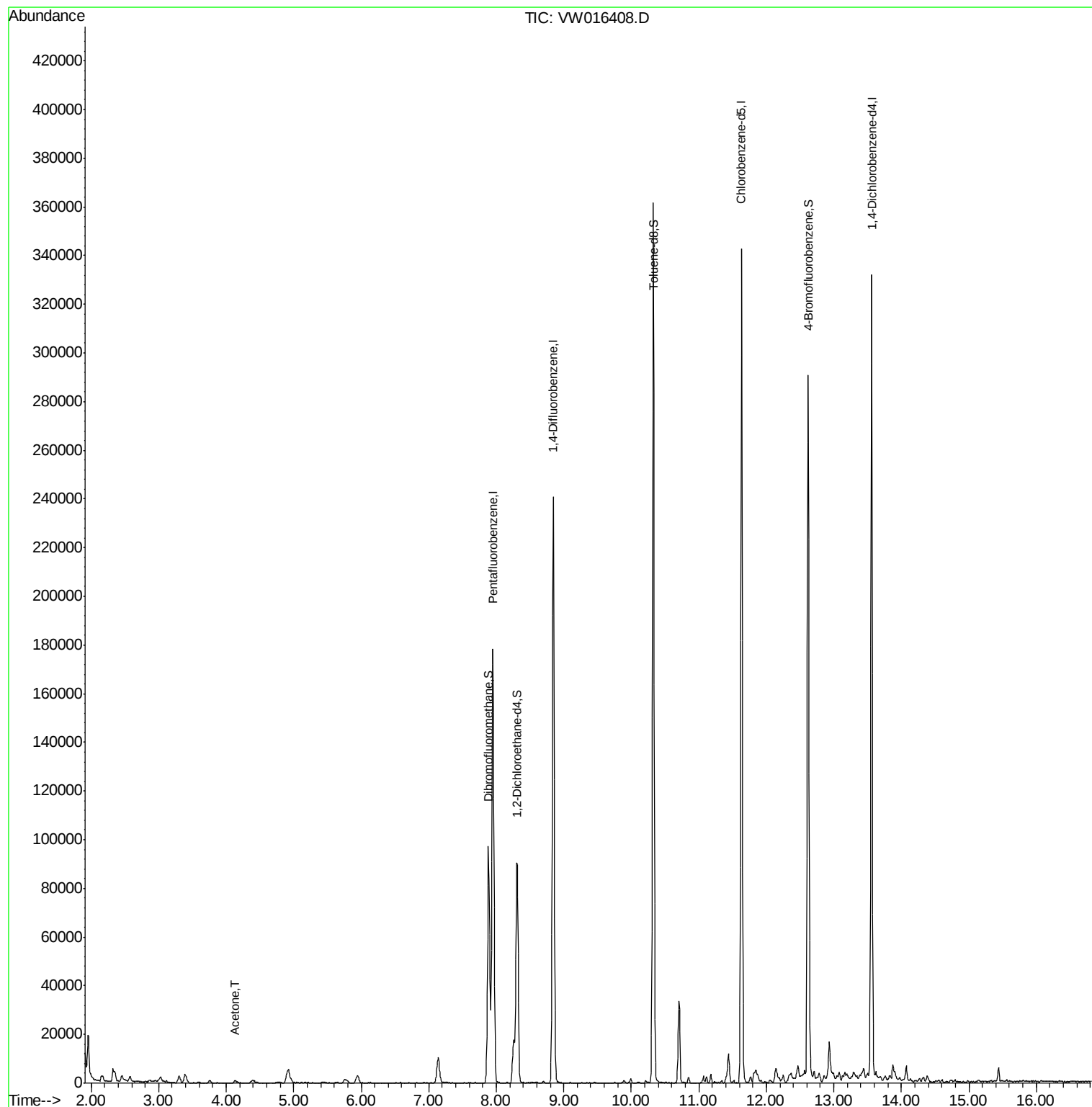
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	129837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	211692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	197940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87461	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	77386	59.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	7.88	113	70931	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	10.33	98	252733	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	93841	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
Target Compounds						
16) Acetone	4.13	43	2254	10.213	ug/l #	Qvalue 88

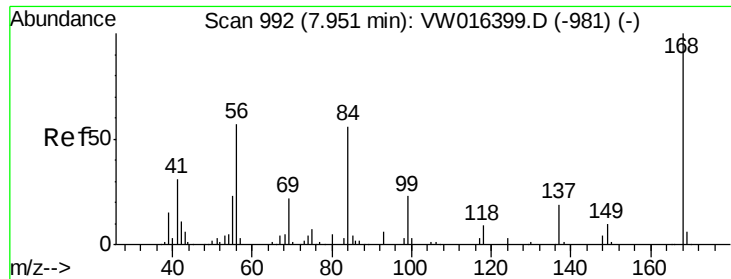
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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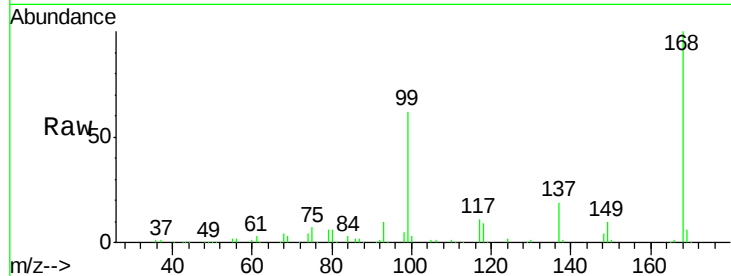
BP-VPB181-GW-723-725

Tot Ion:168 Resp: 129837

Ion Ratio Lower Upper

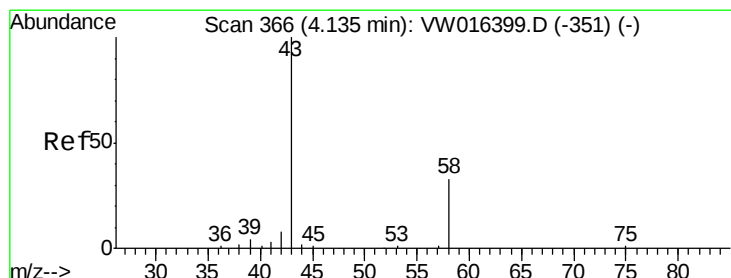
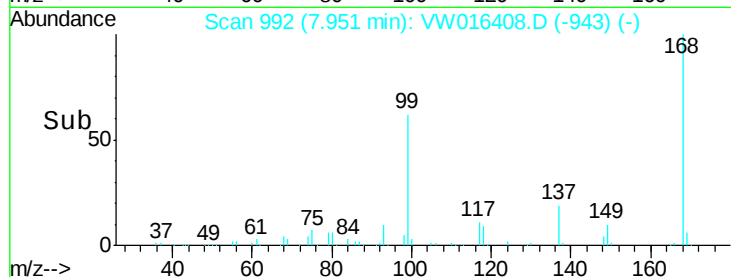
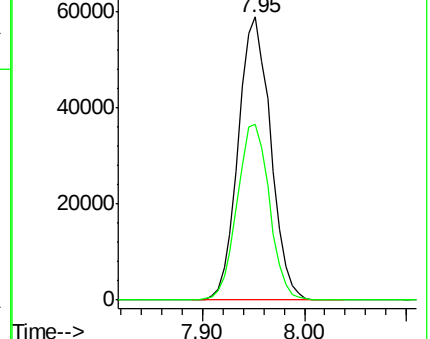
168 100

99 62.3 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.213 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016408.D

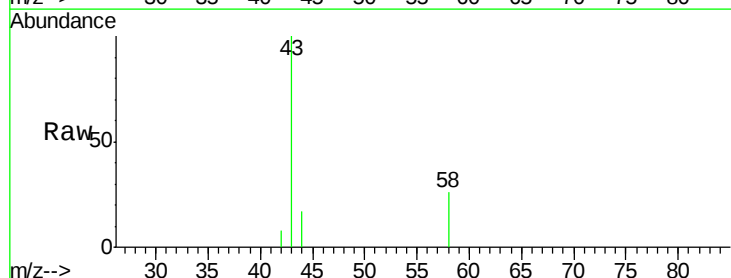
Acq: 31 Aug 2020 13:51

Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

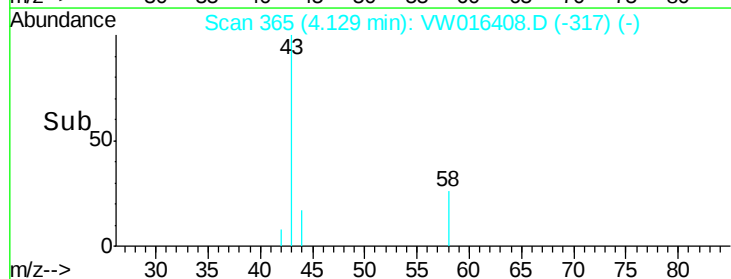
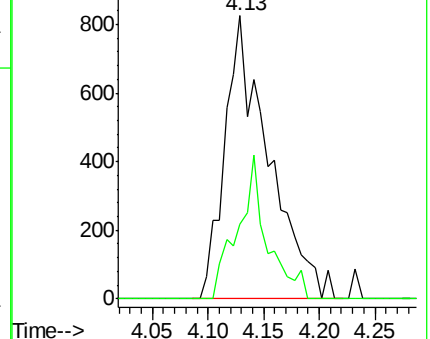
43 100

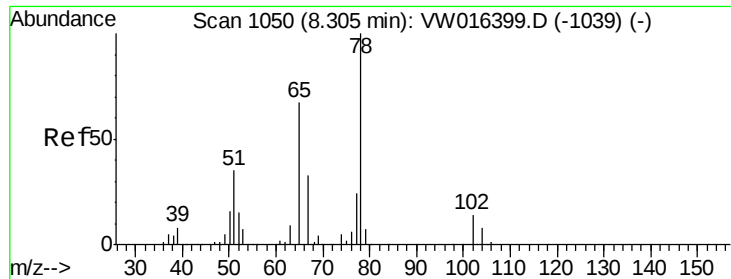
58 26.3 26.6 39.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

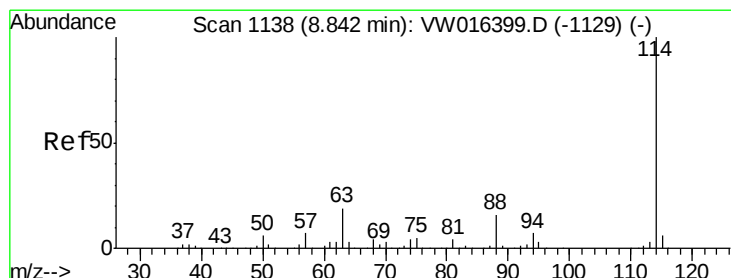
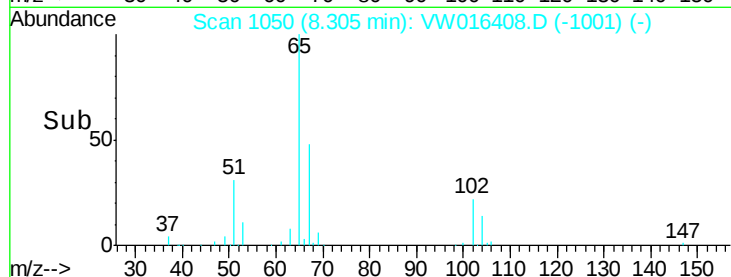
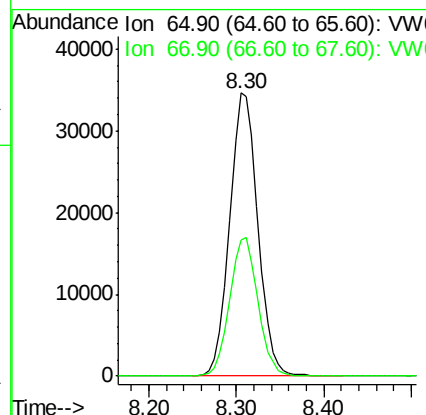
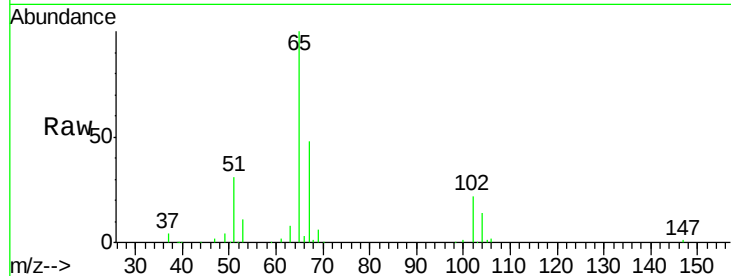




#33
 1,2-Dichloroethane-d4
 Concen: 59.540 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW016408.D
 Acq: 31 Aug 2020 13:51

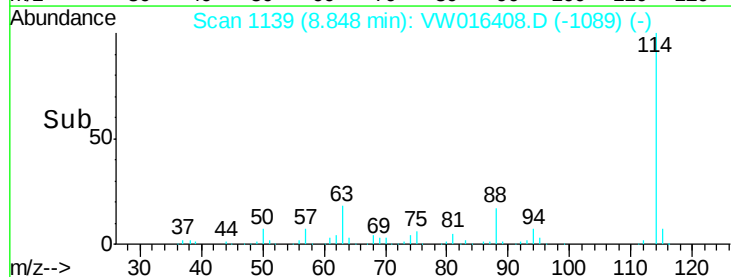
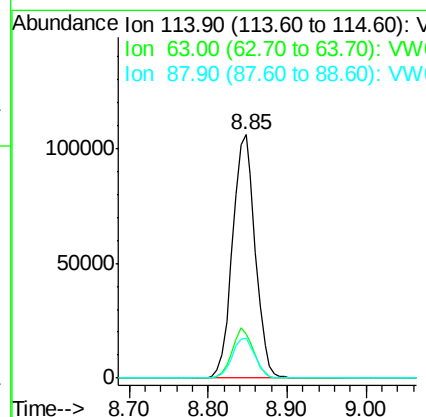
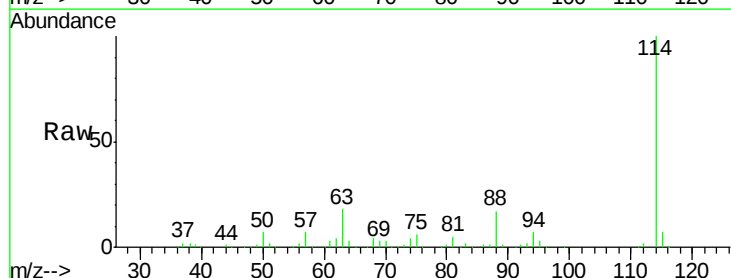
Instrument :
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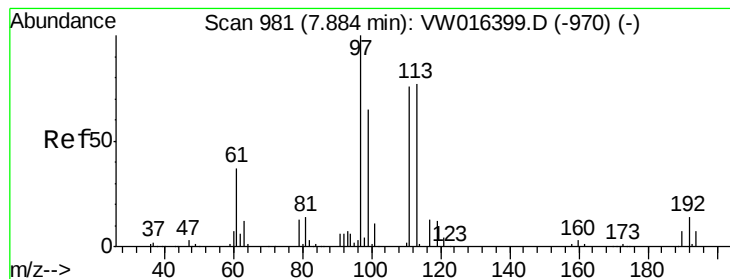
Tot Ion: 65 Resp: 77386
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW016408.D
 Acq: 31 Aug 2020 13:51

Tgt Ion: 114 Resp: 211692
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 37.8
 88 16.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.935 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW016408.D

Acq: 31 Aug 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

BP-VPB181-GW-723-725

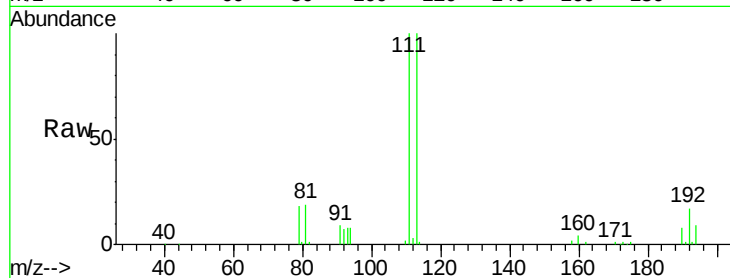
Tot Ion:113 Resp: 70931

Ion Ratio Lower Upper

113 100

111 99.5 82.1 123.1

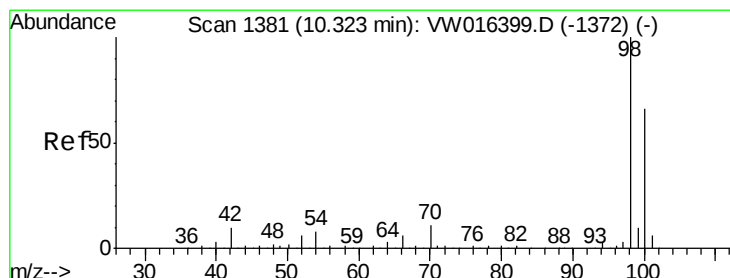
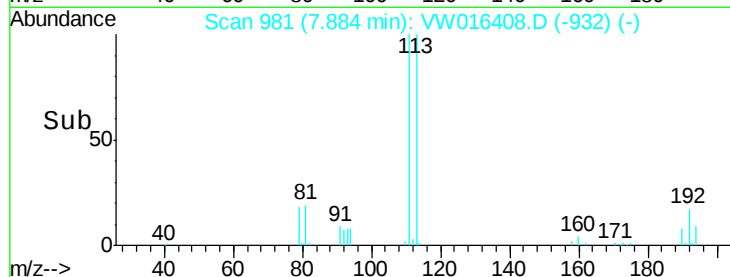
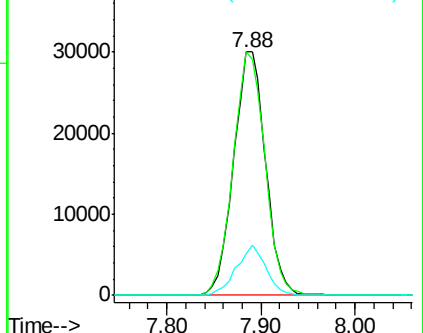
192 19.1 15.5 23.3



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: 50.369 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016408.D

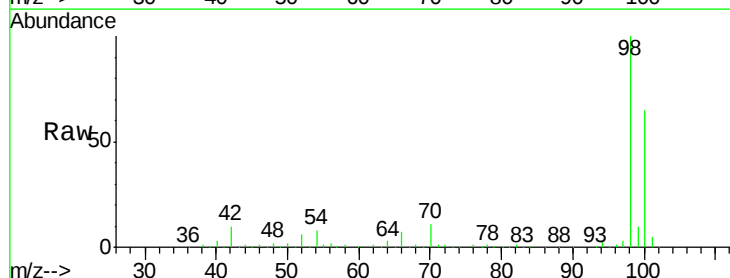
Acq: 31 Aug 2020 13:51

Tgt Ion: 98 Resp: 252733

Ion Ratio Lower Upper

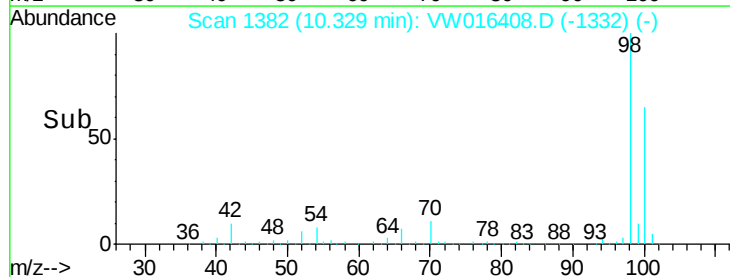
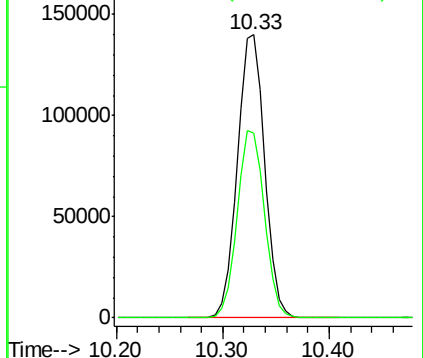
98 100

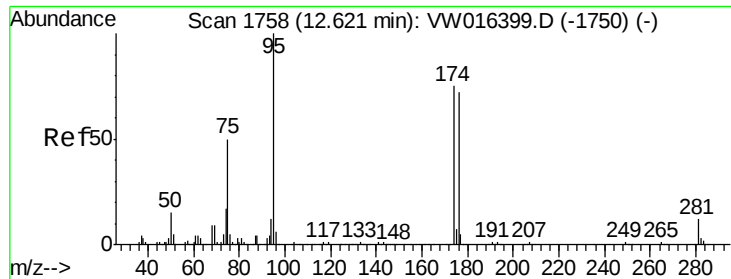
100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 49.874 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016408.D

Acq: 31 Aug 2020 13:51

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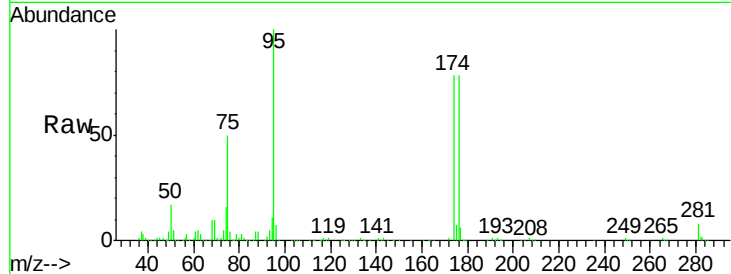
Tot Ion: 95 Resp: 93841

Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.0

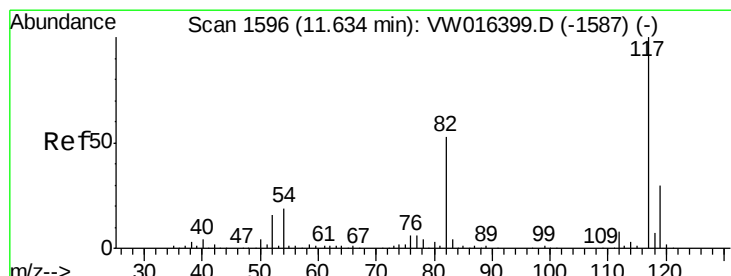
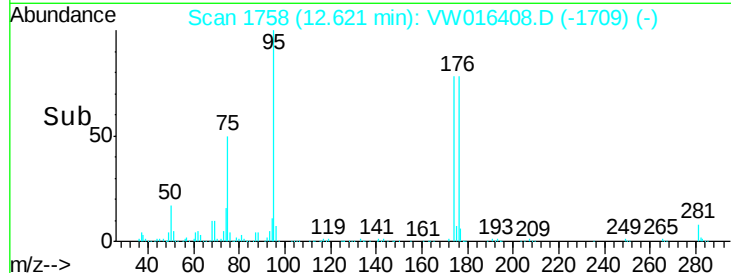
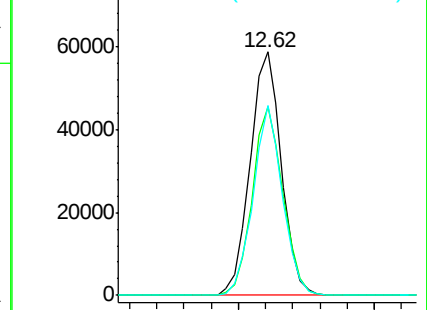
176 73.8 0.0 145.6



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: VW016408.D

Acq: 31 Aug 2020 13:51

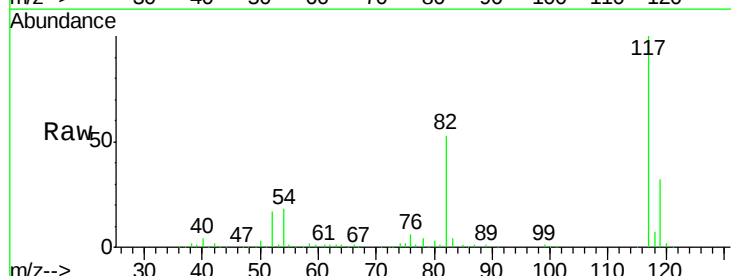
Tgt Ion: 117 Resp: 197940

Ion Ratio Lower Upper

117 100

82 52.9 42.2 63.4

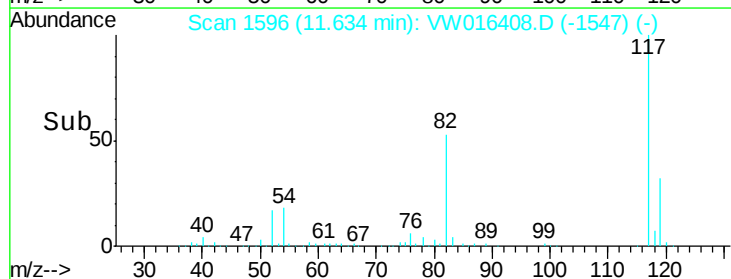
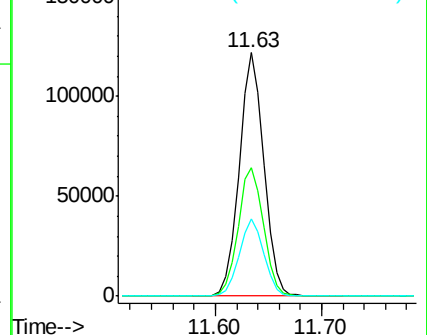
119 31.9 24.2 36.4

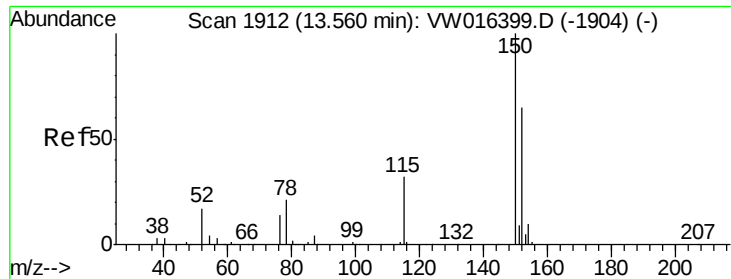


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW016408.D

Acq: 31 Aug 2020 13:51

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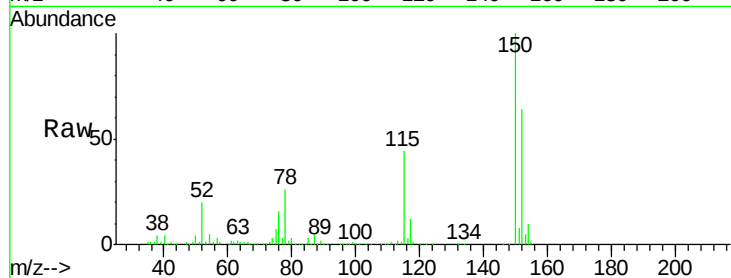
Tot Ion:152 Resp: 87461

Ion Ratio Lower Upper

152 100

115 65.0 30.9 92.5

150 159.2 0.0 351.0



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

