

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011960.D
 Acq On : 16 Aug 2019 13:09
 Operator : SY/VA
 Sample : K4339-07RE
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A2-(4)RE

Quant Time: Aug 17 05:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

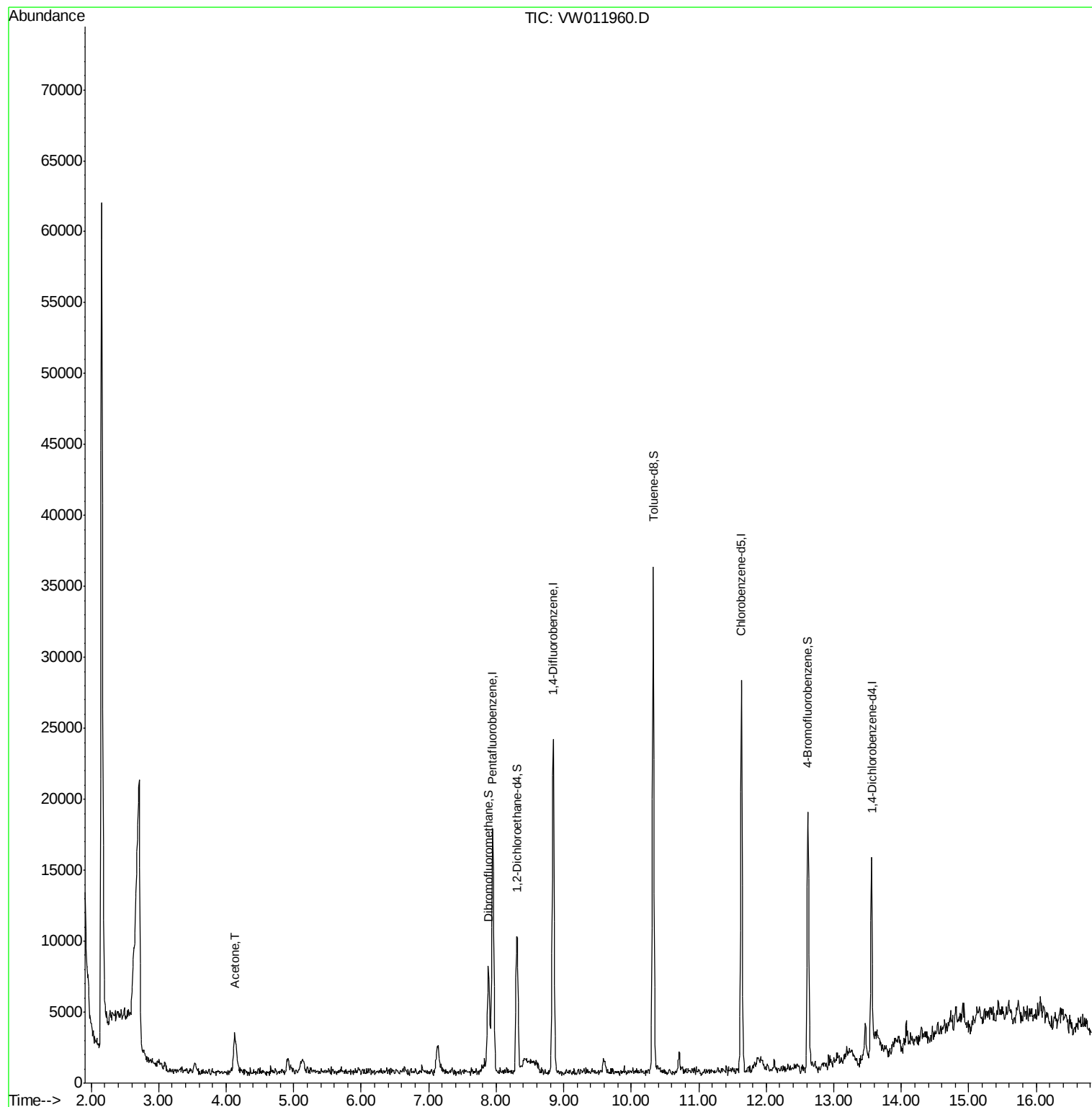
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	18334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	14249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3477	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7652	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	7.88	113	5621	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
50) Toluene-d8	10.32	98	22010	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.62	95	6073	40.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.90%	
Target Compounds						
16) Acetone	4.12	43	5580	125.424	ug/l	Qvalue 93

(#) = 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. 0.01 min

Lab File: VW011960.D

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Instrument :

MSVOA_W

ClientSampleId :

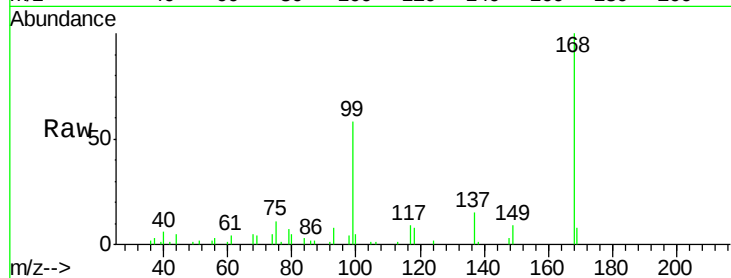
T8-A2-(4)RE

Tot Ion:168 Resp: 12180

Ion Ratio Lower Upper

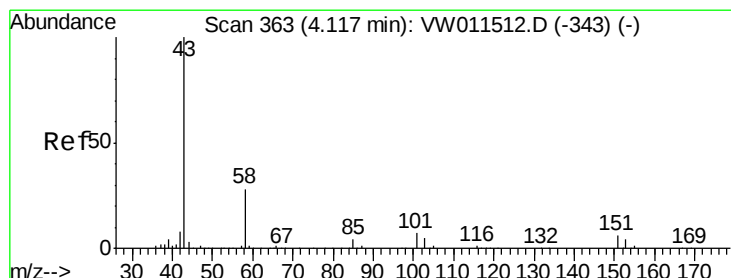
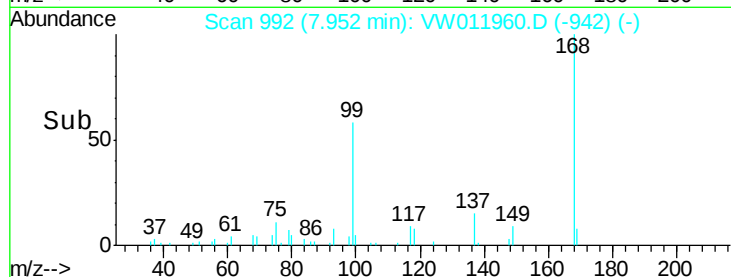
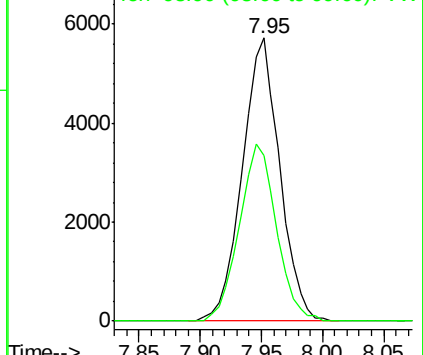
168 100

99 58.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 125.424 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011960.D

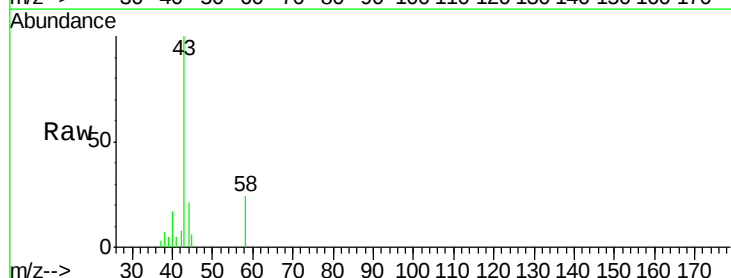
Acq: 16 Aug 2019 13:09

Tgt Ion: 43 Resp: 5580

Ion Ratio Lower Upper

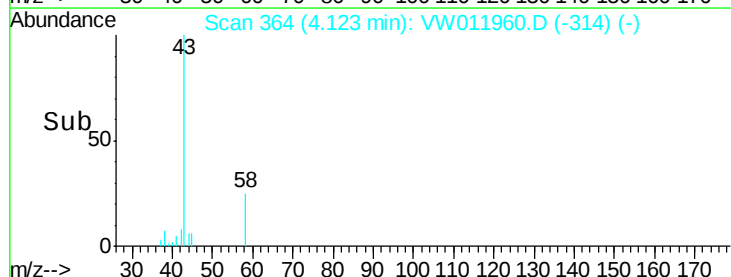
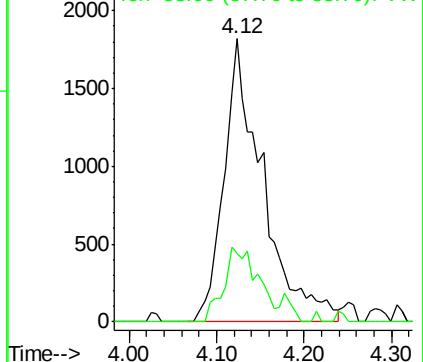
43 100

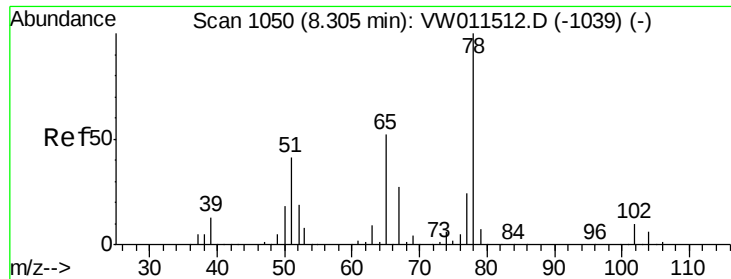
58 24.4 22.3 33.5



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: 54.712 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011960.D

Acq: 16 Aug 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

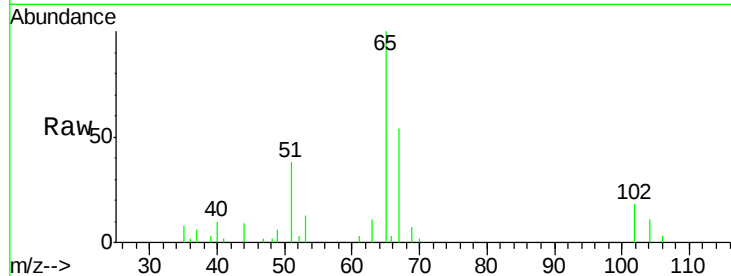
T8-A2-(4)RE

Tot Ion: 65 Resp: 7652

Ion Ratio Lower Upper

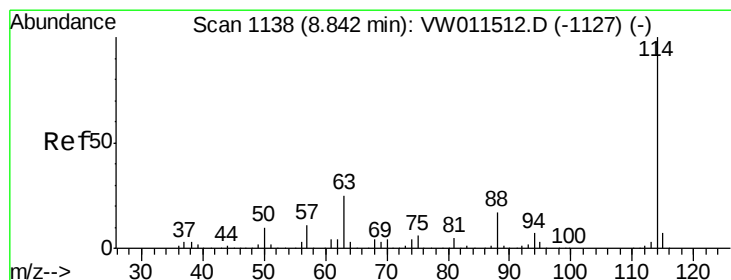
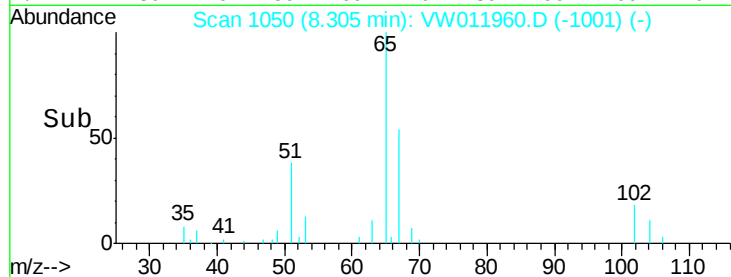
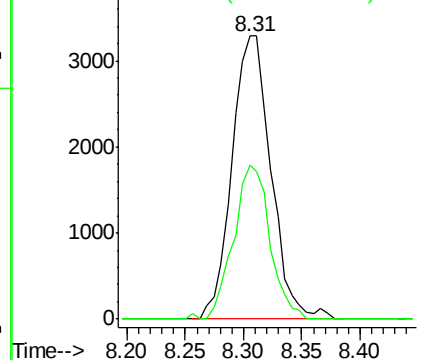
65 100

67 50.5 0.0 105.2



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: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW011960.D

Acq: 16 Aug 2019 13:09

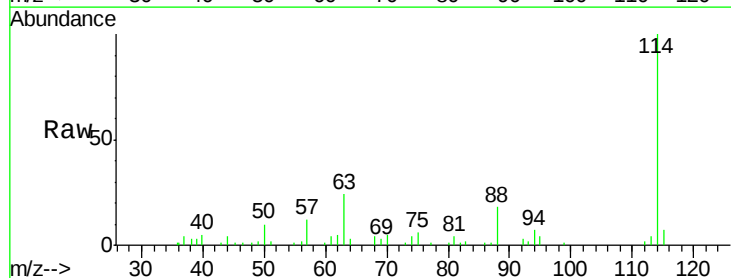
Tgt Ion: 114 Resp: 18334

Ion Ratio Lower Upper

114 100

63 24.1 0.0 49.2

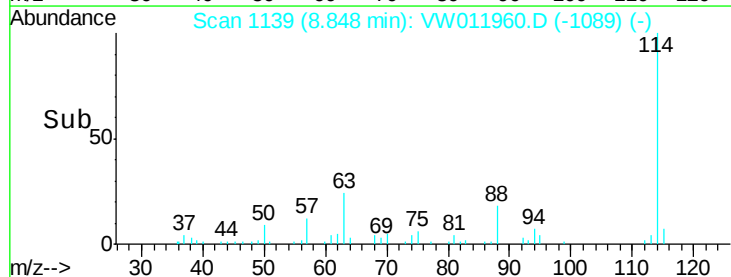
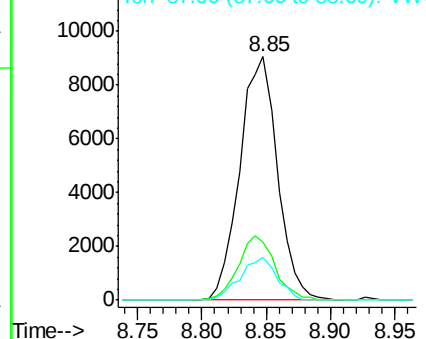
88 17.5 0.0 33.8

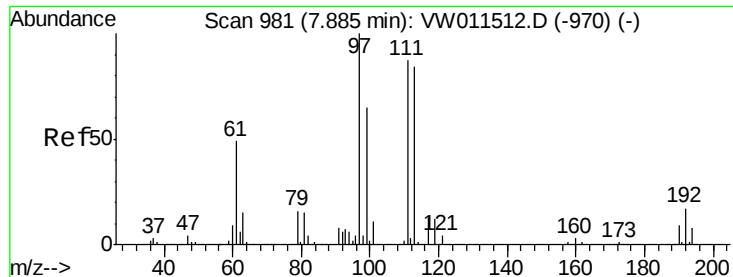


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 54.649 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011960.D

Acq: 16 Aug 2019 13:09

Instrument :

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T8-A2-(4)RE

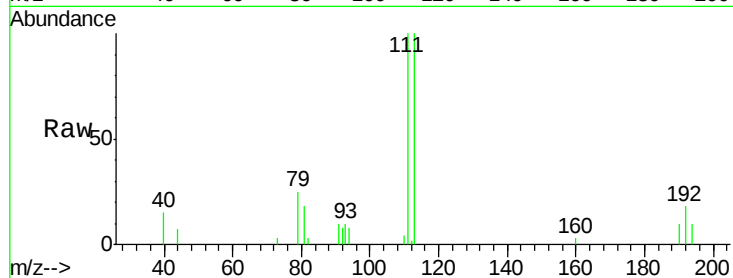
Tot Ion:113 Resp: 5621

Ion Ratio Lower Upper

113 100

111 106.6 82.7 124.1

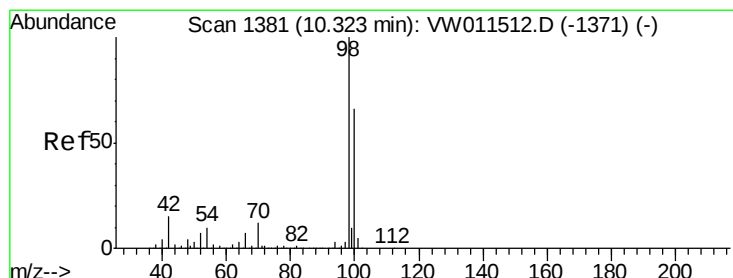
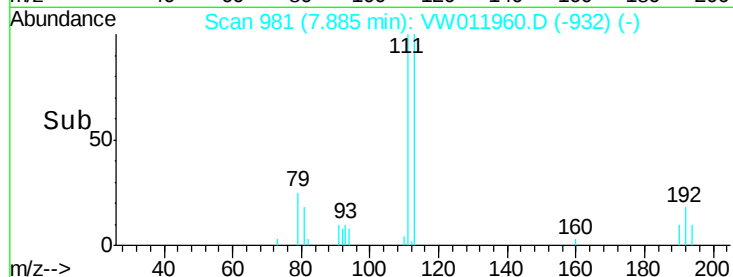
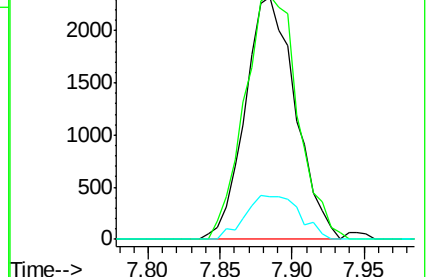
192 19.5 16.1 24.1



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: 52.265 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011960.D

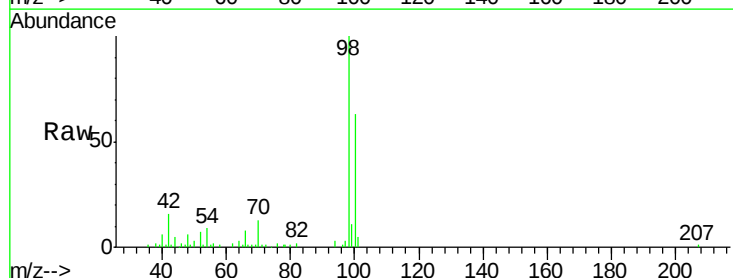
Acq: 16 Aug 2019 13:09

Tgt Ion: 98 Resp: 22010

Ion Ratio Lower Upper

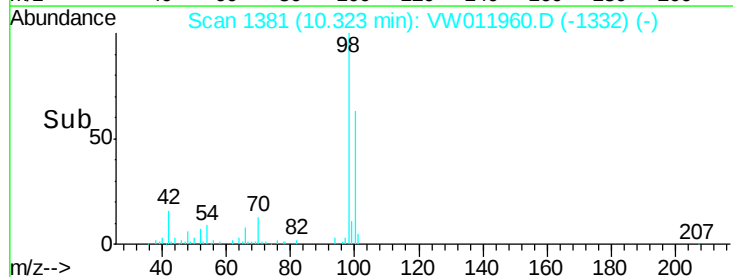
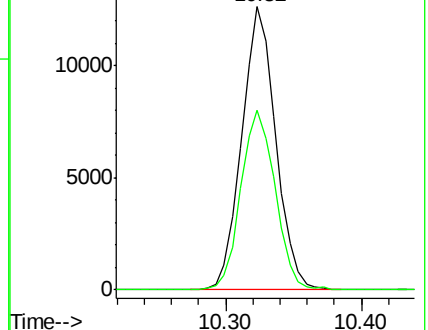
98 100

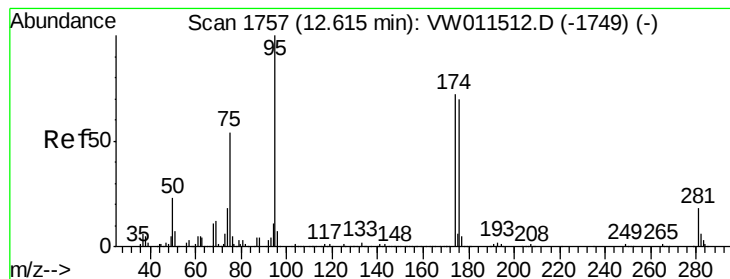
100 64.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 40.449 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011960.D

Acq: 16 Aug 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

T8-A2-(4)RE

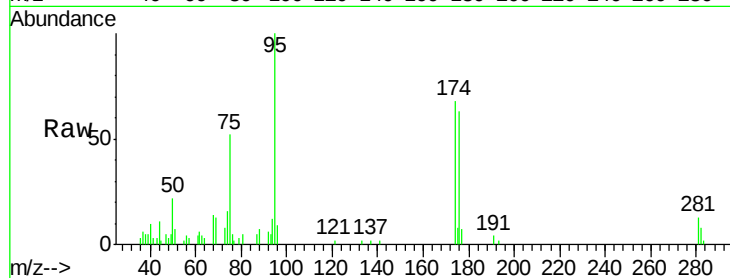
Tot Ion: 95 Resp: 6073

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.2

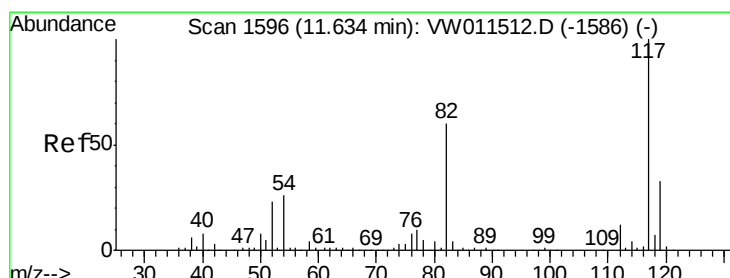
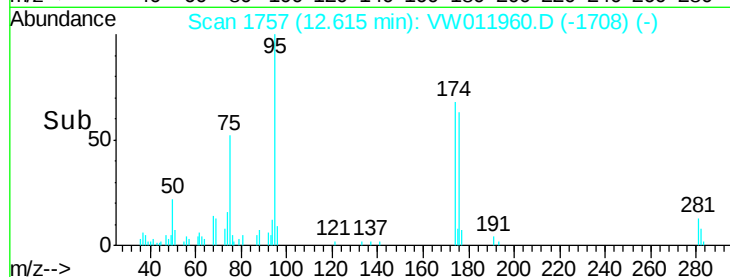
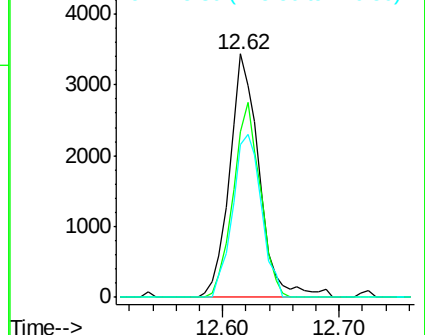
176 65.1 0.0 144.4



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: VW011960.D

Acq: 16 Aug 2019 13:09

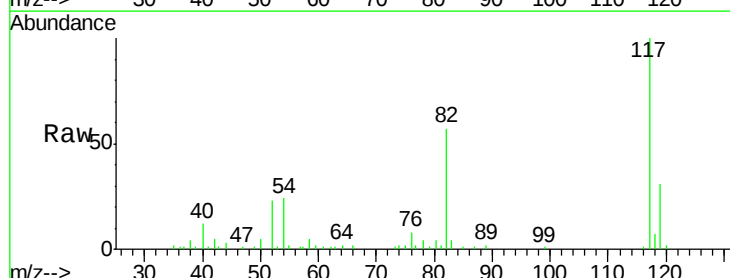
Tgt Ion: 117 Resp: 14249

Ion Ratio Lower Upper

117 100

82 57.1 47.9 71.9

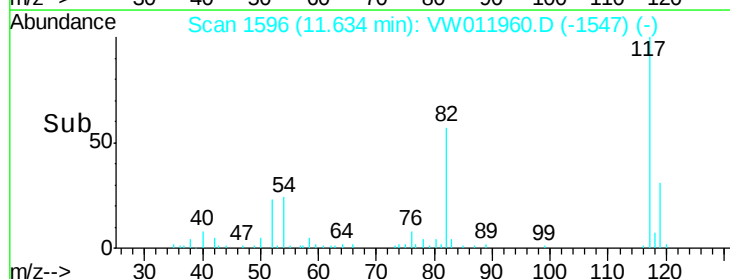
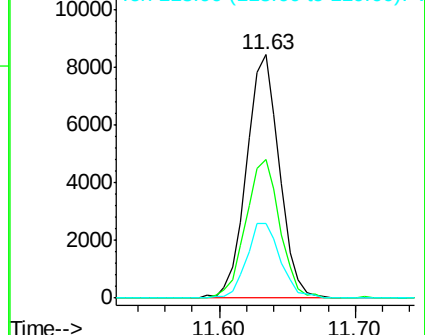
119 30.9 26.2 39.2

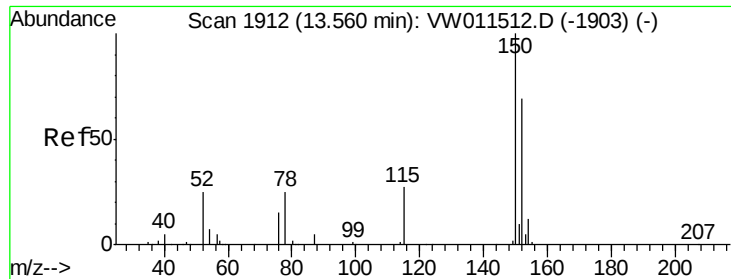


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011960.D

Acq: 16 Aug 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

T8-A2-(4)RE

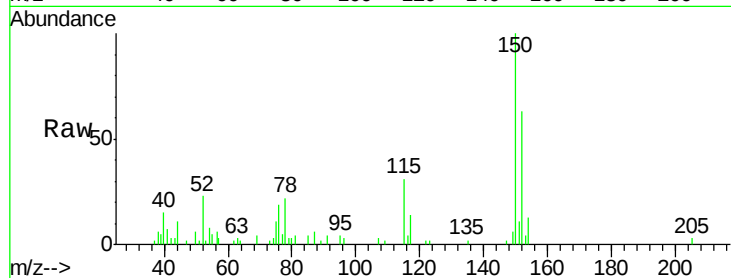
Tot Ion:152 Resp: 3477

Ion Ratio Lower Upper

152 100

115 64.6 30.5 91.5

150 153.1 0.0 352.6



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

