

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011828.D
 Acq On : 09 Aug 2019 23:00
 Operator : SY/VA
 Sample : K4227-14
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-Q(0)

Quant Time: Aug 11 01:57:27 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

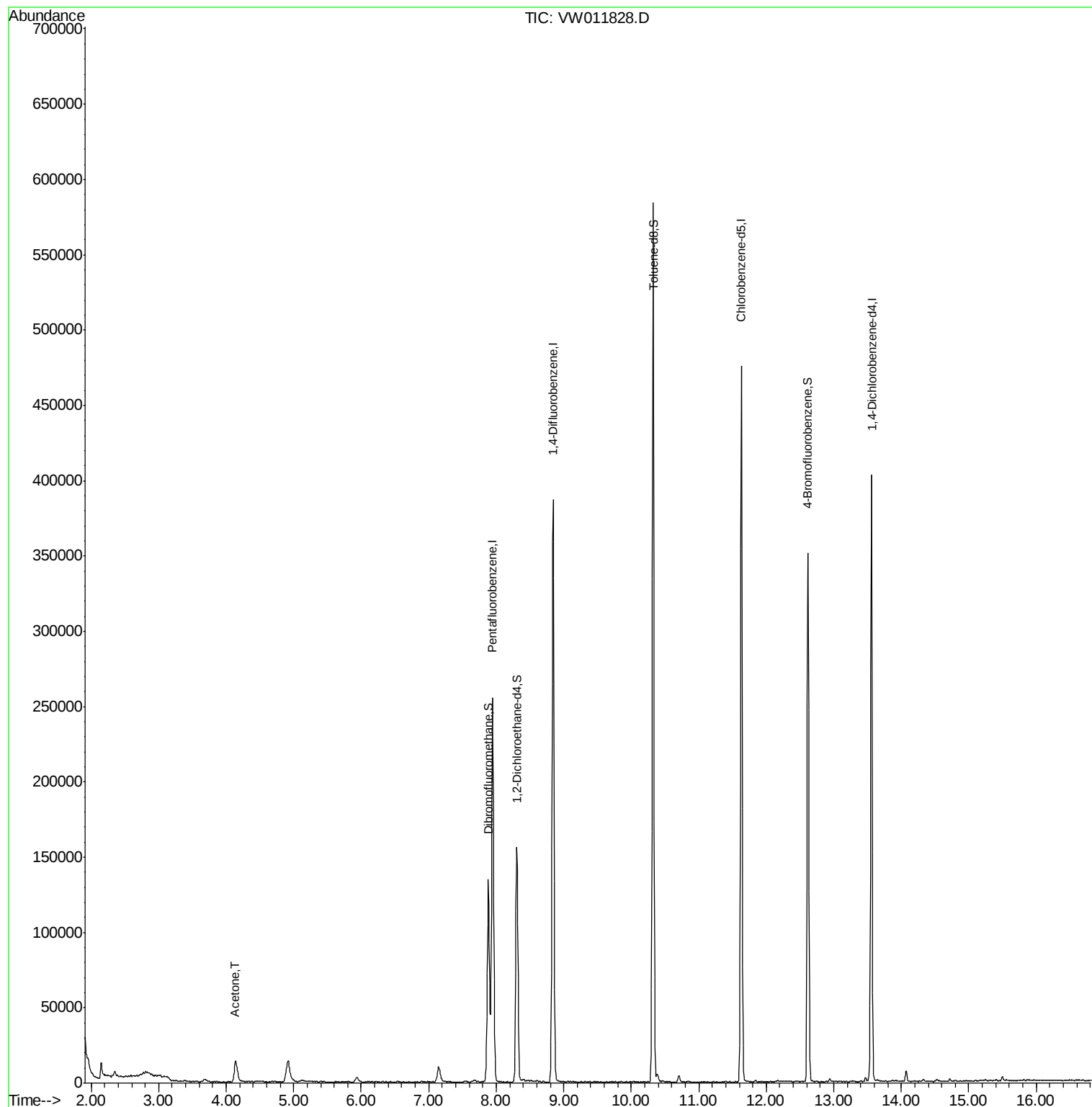
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	249095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125330	60.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.34%	
35) Dibromofluoromethane	7.88	113	93970	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
50) Toluene-d8	10.32	98	366552	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.62	95	114793	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
16) Acetone	4.14	43	29873	45.461	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011828.D

Acq: 09 Aug 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

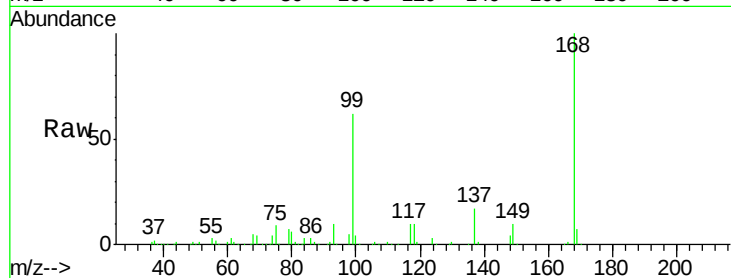
1S-Q(0)

Tot Ion:168 Resp: 179901

Ion Ratio Lower Upper

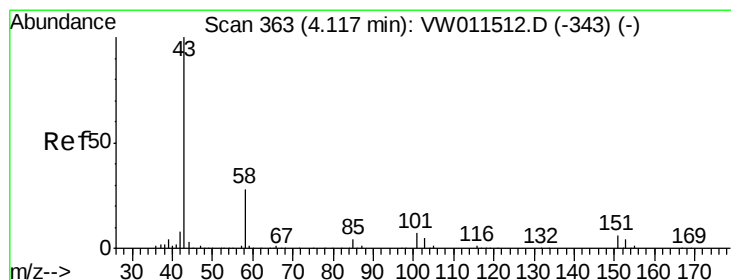
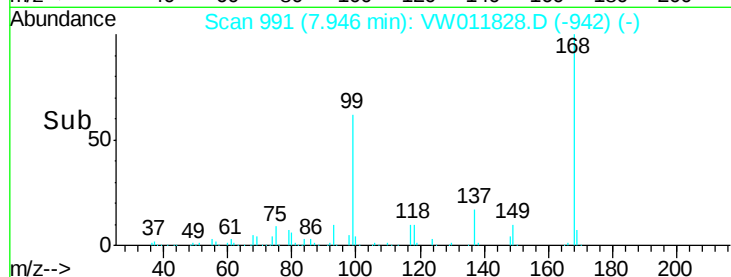
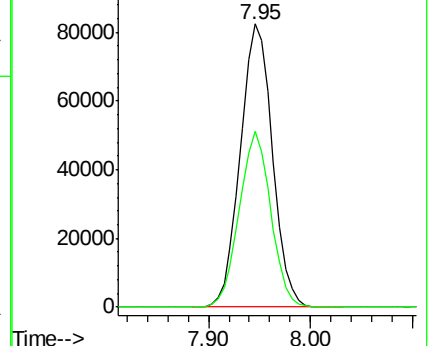
168 100

99 61.9 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: 45.461 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011828.D

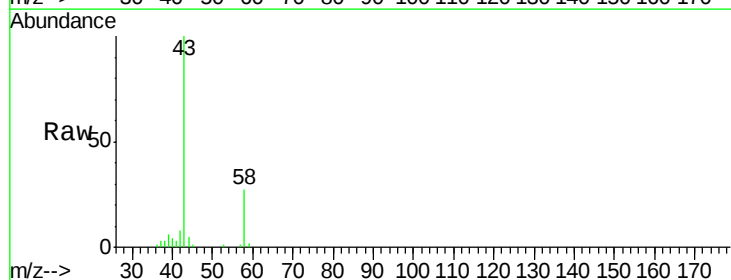
Acq: 09 Aug 2019 23:00

Tgt Ion: 43 Resp: 29873

Ion Ratio Lower Upper

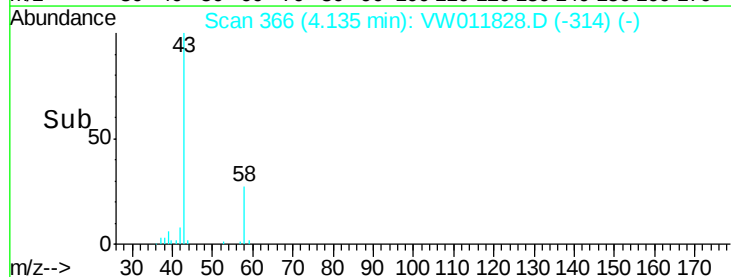
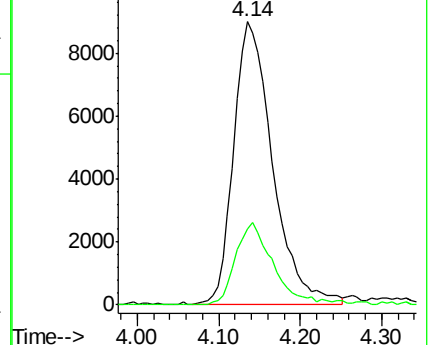
43 100

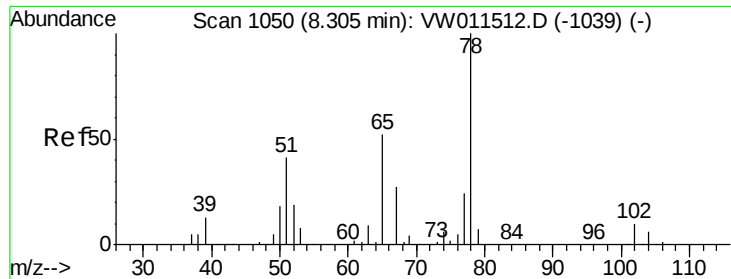
58 26.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

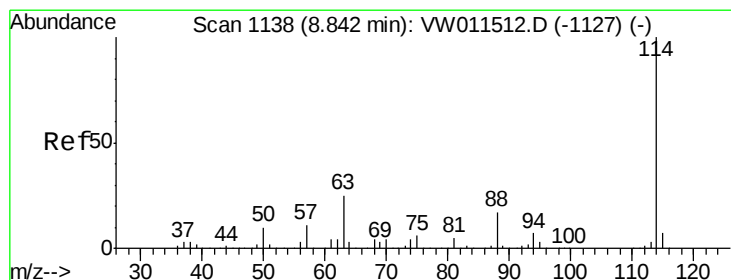
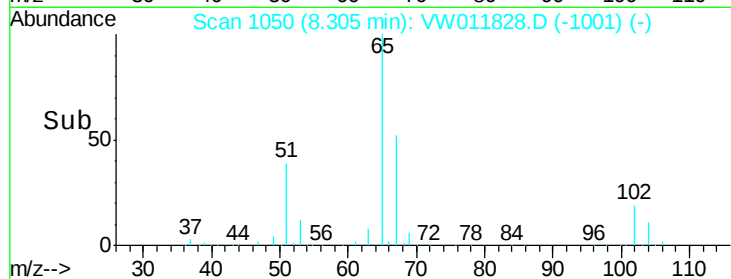
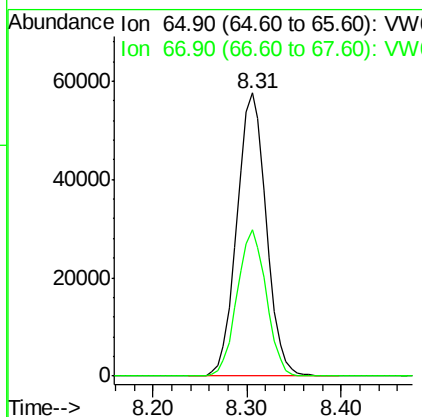
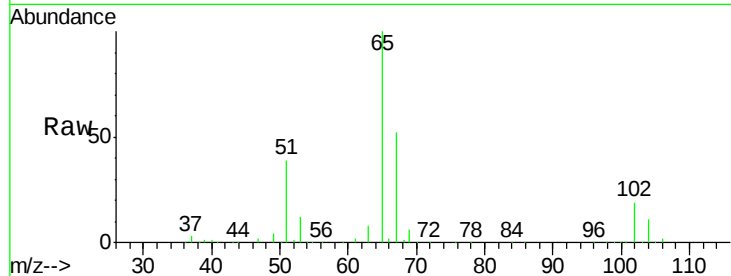




#33
 1,2-Dichloroethane-d4
 Concen: 60.670 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011828.D
 Acq: 09 Aug 2019 23:00

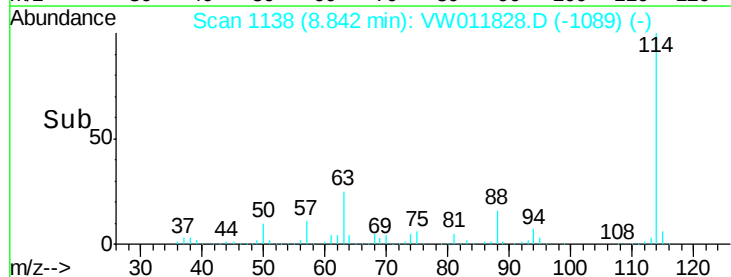
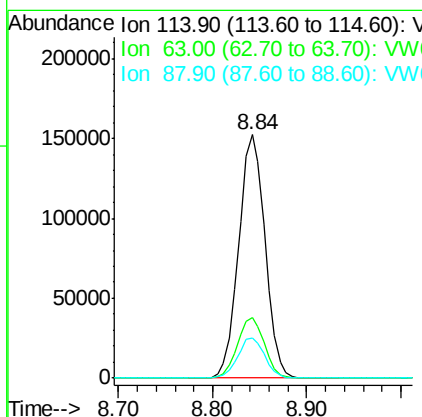
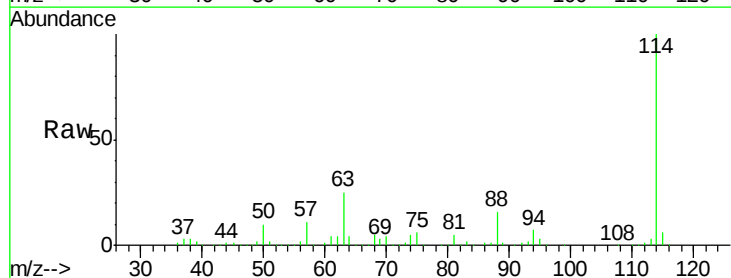
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-Q(0)

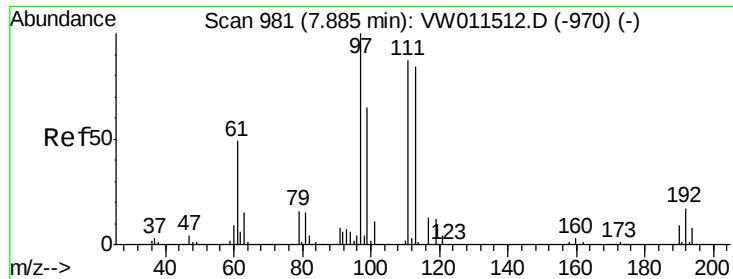
Tot Ion: 65 Resp: 125330
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011828.D
 Acq: 09 Aug 2019 23:00

Tgt Ion: 114 Resp: 297550
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.5 0.0 33.8





#35

Dibromofluoromethane

Concen: 56.293 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011828.D

Acq: 09 Aug 2019 23:00

Instrument :

MSVOA_W

ClientSampled :

1S-Q(0)

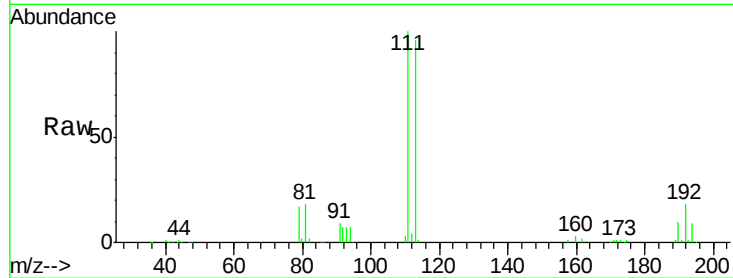
Tot Ion:113 Resp: 93970

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

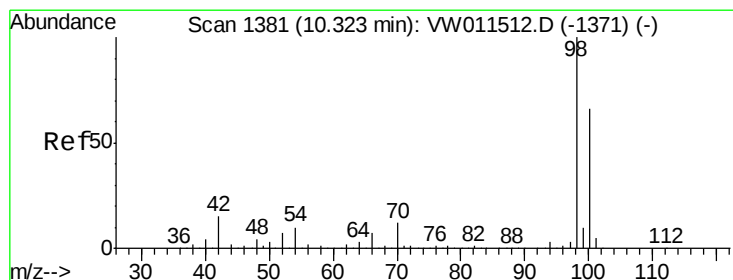
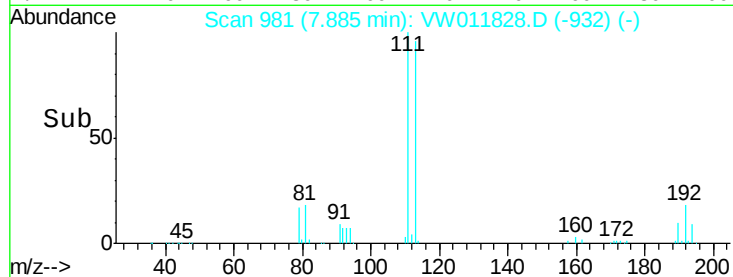
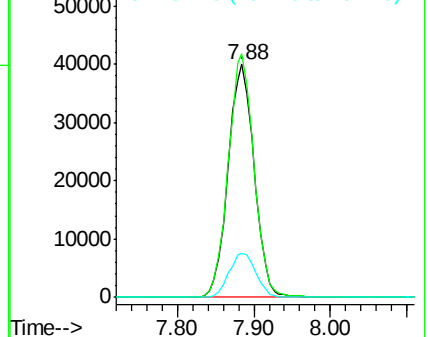
192 19.6 16.1 24.1



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: 53.632 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011828.D

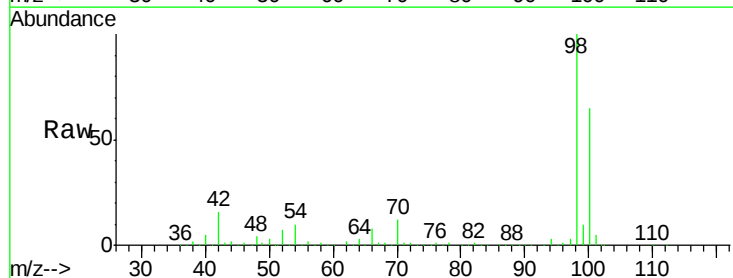
Acq: 09 Aug 2019 23:00

Tgt Ion: 98 Resp: 366552

Ion Ratio Lower Upper

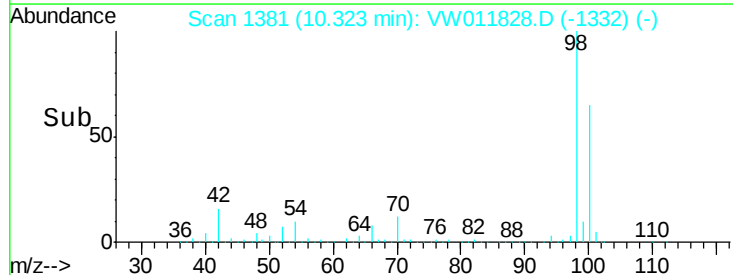
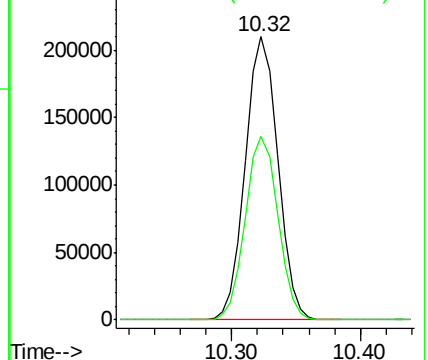
98 100

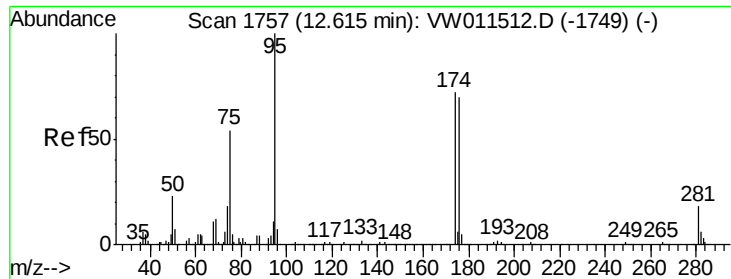
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.110 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011828.D

Acq: 09 Aug 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

1S-Q(0)

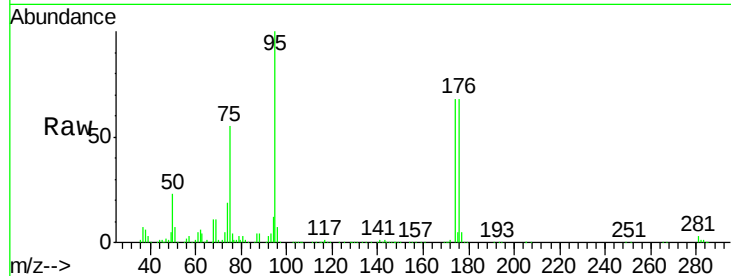
Tot Ion: 95 Resp: 114793

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

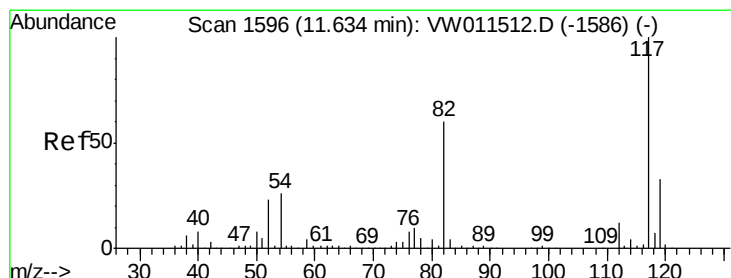
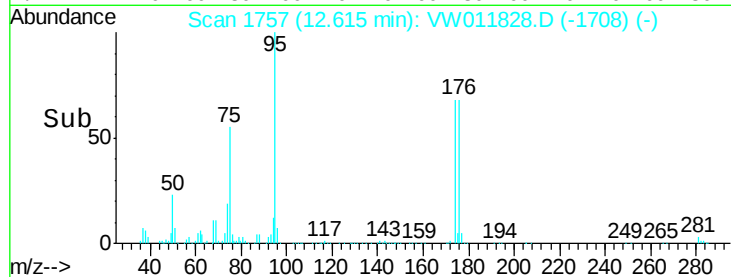
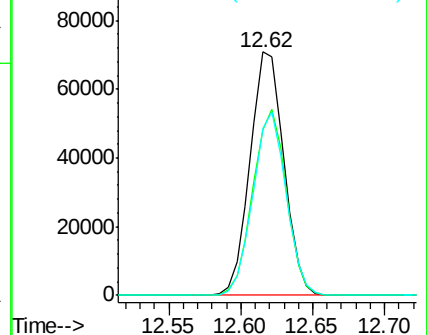
176 73.8 0.0 144.4



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: VW011828.D

Acq: 09 Aug 2019 23:00

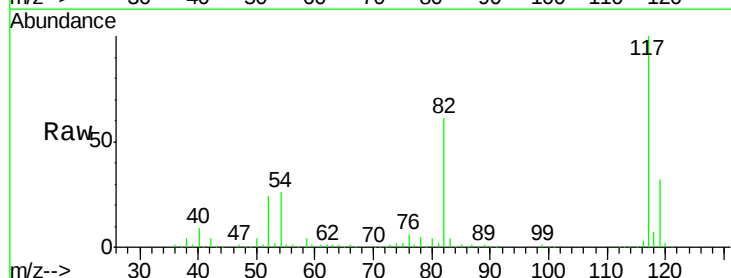
Tgt Ion: 117 Resp: 249095

Ion Ratio Lower Upper

117 100

82 60.8 47.9 71.9

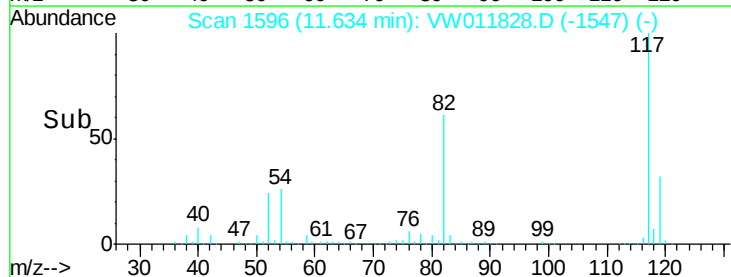
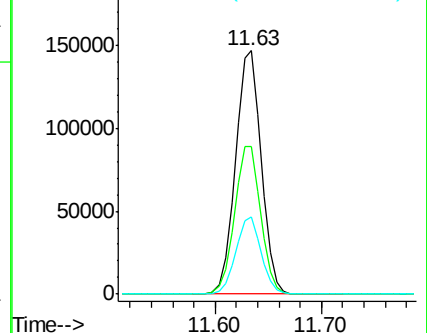
119 31.8 26.2 39.2

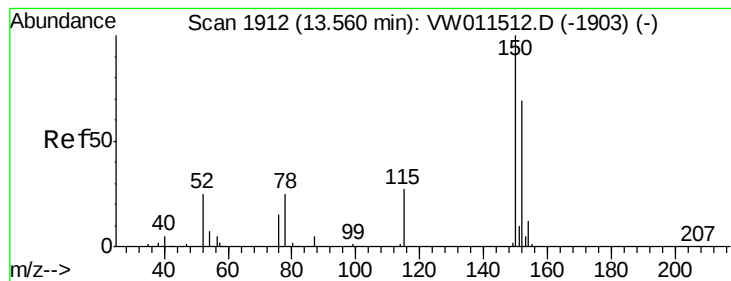


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011828.D

Acq: 09 Aug 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

1S-Q(0)

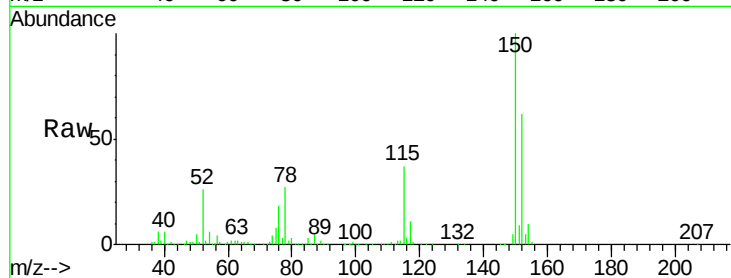
Tot Ion:152 Resp: 98190

Ion Ratio Lower Upper

152 100

115 60.6 30.5 91.5

150 159.4 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

