

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013275.D
 Acq On : 24 Sep 2019 14:46
 Operator : SY/VA
 Sample : K4668-12
 Misc : 8.43G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-092319

Quant Time: Sep 25 07:51:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

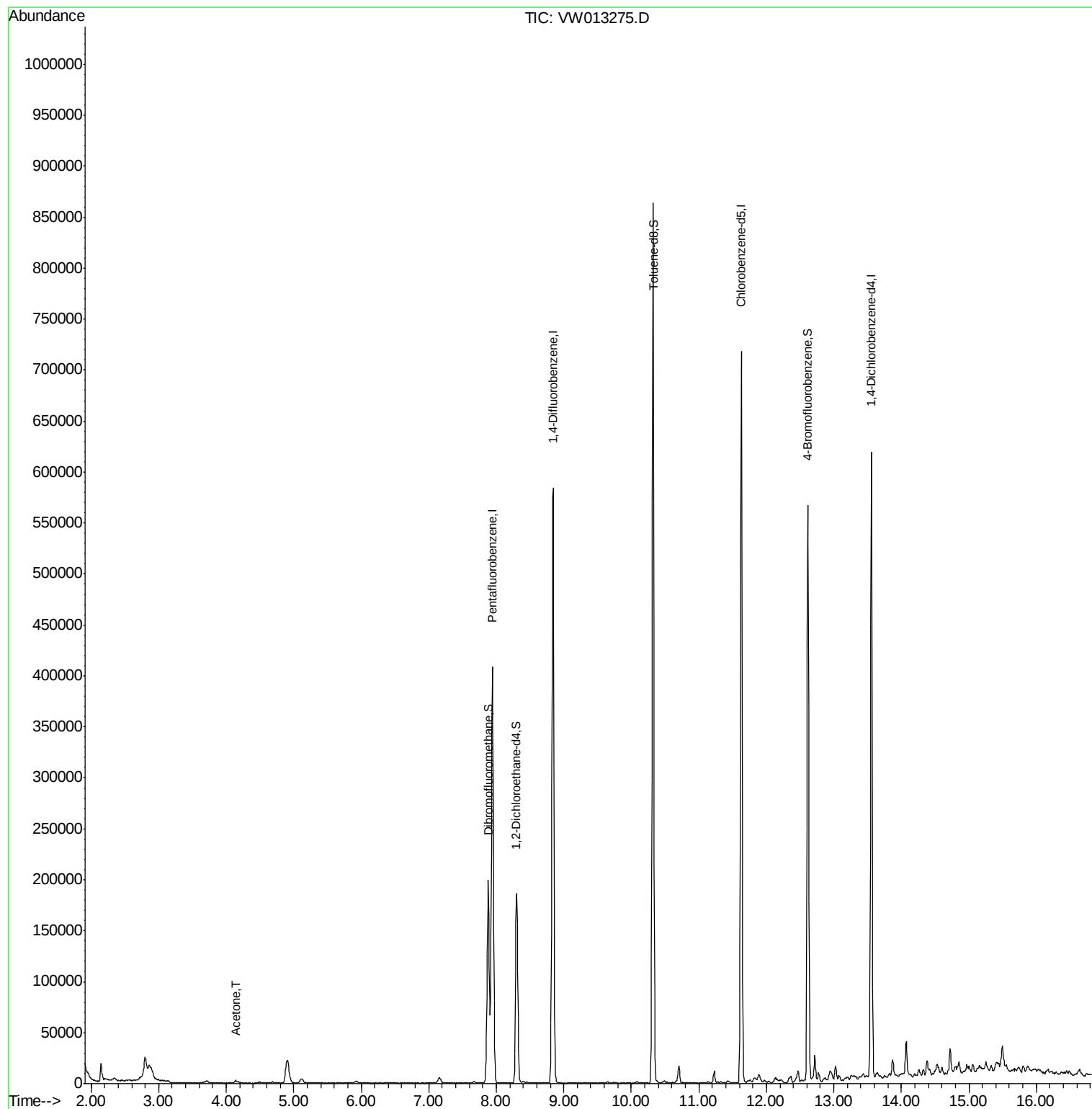
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	345148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	517876	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	181300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148130	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
35) Dibromofluoromethane	7.88	113	143677	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.32	98	595119	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.62	95	180652	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	4.14	43	5281	8.313	ug/l #	74

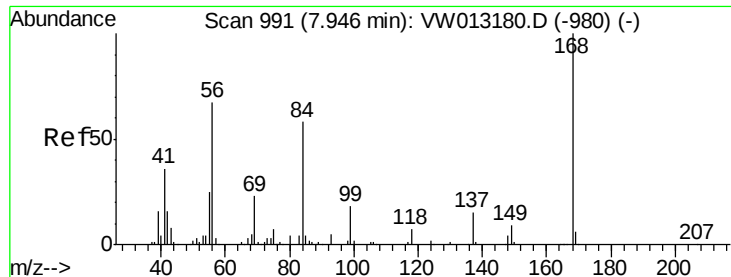
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013275.D

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ClientSampleId :

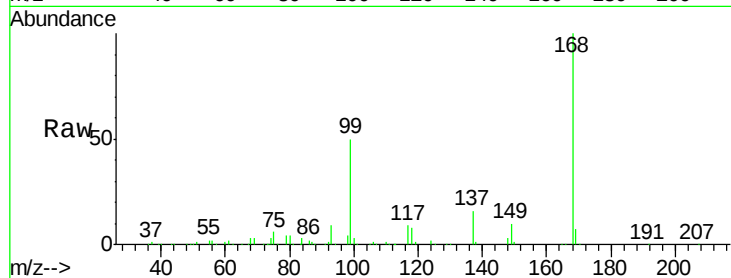
SU-03-092319

Tot Ion:168 Resp: 345148

Ion Ratio Lower Upper

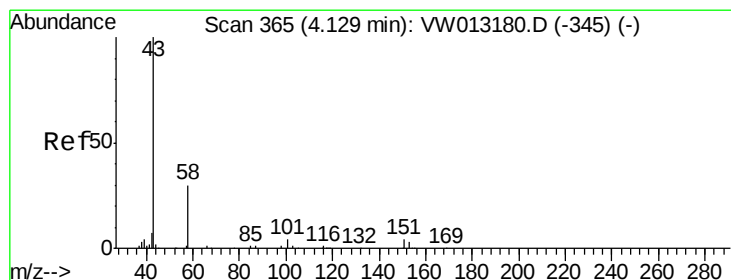
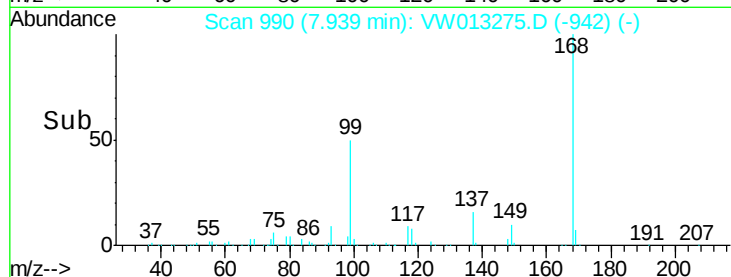
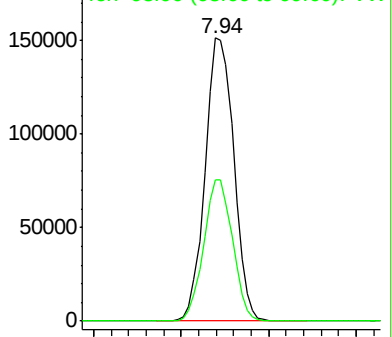
168 100

99 50.1 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 8.313 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013275.D

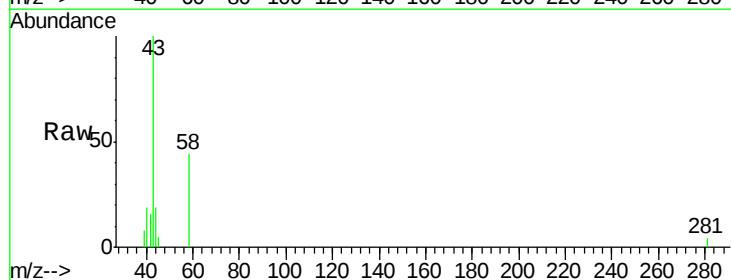
Acq: 24 Sep 2019 14:46

Tgt Ion: 43 Resp: 5281

Ion Ratio Lower Upper

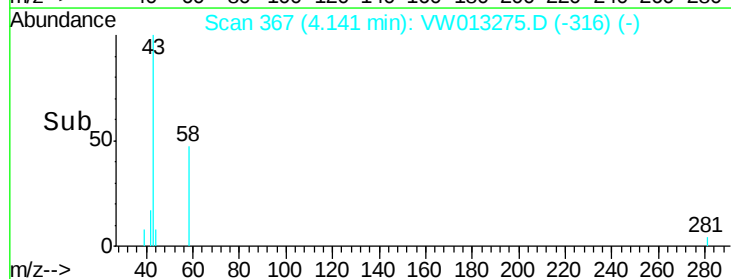
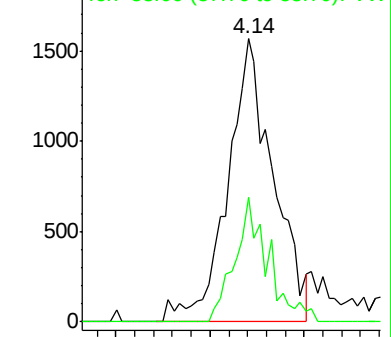
43 100

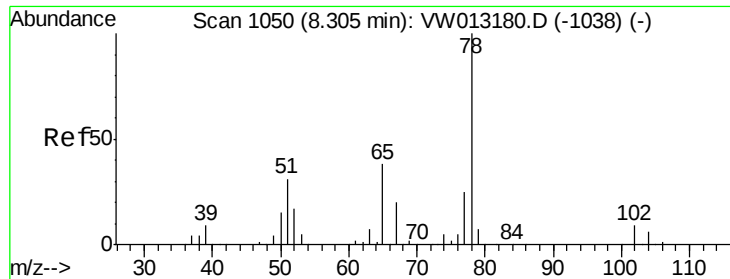
58 44.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

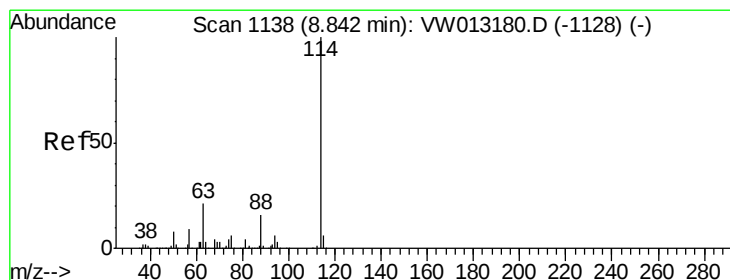
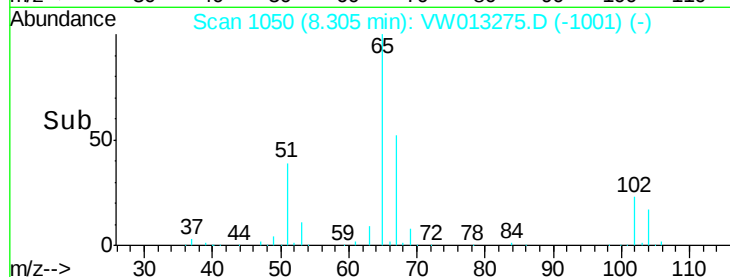
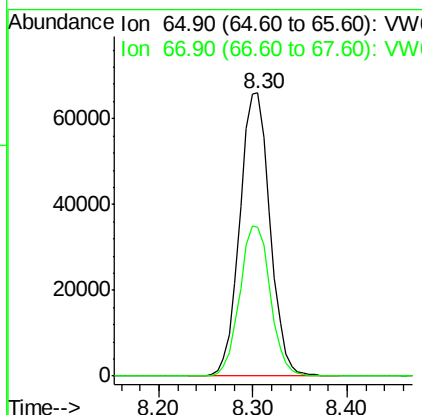
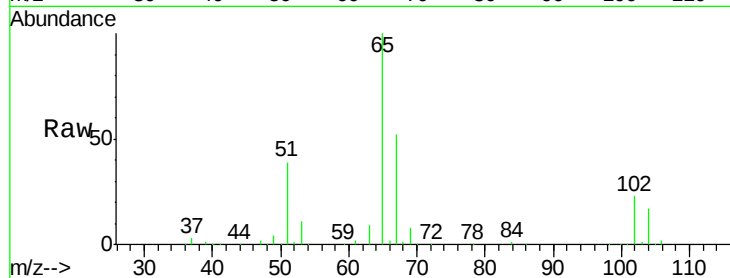




#33
 1,2-Dichloroethane-d4
 Concen: 52.586 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

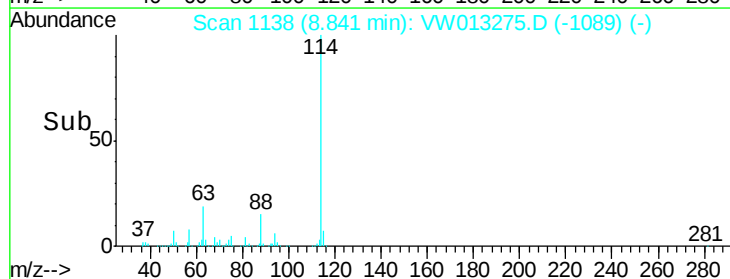
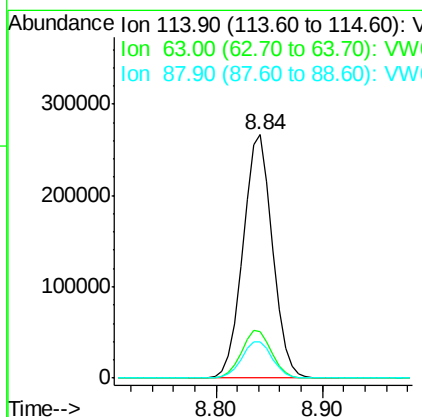
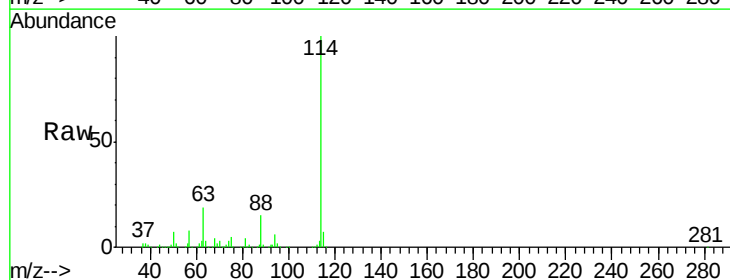
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-03-092319

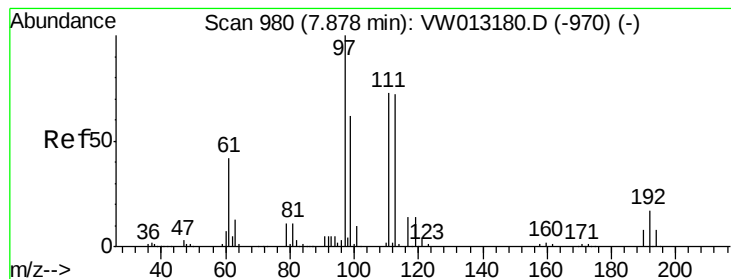
Tot Ion: 65 Resp: 148130
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013275.D
 Acq: 24 Sep 2019 14:46

Tgt Ion: 114 Resp: 517876
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 14.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.443 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

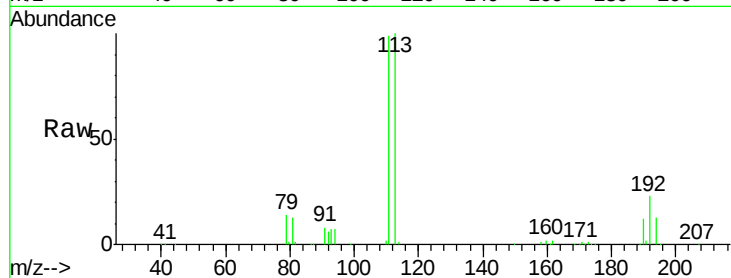
Tot Ion:113 Resp: 143677

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

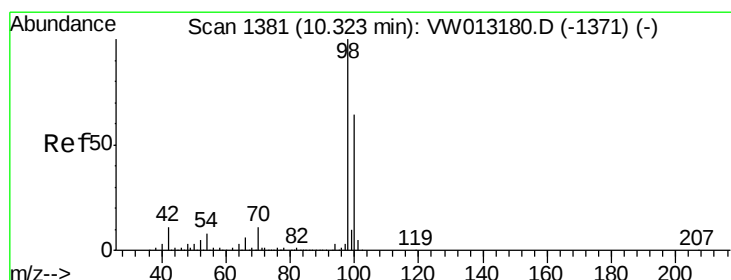
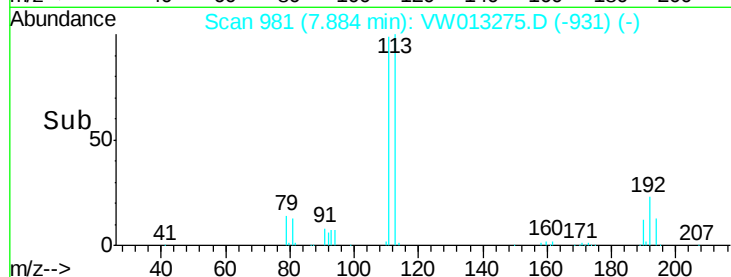
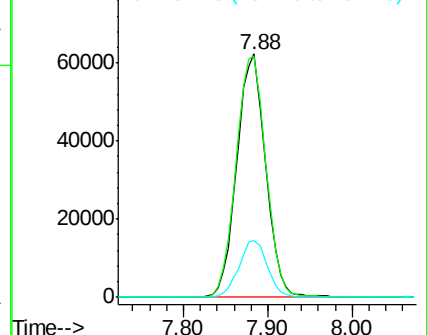
192 23.1 19.1 28.7



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: 49.924 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013275.D

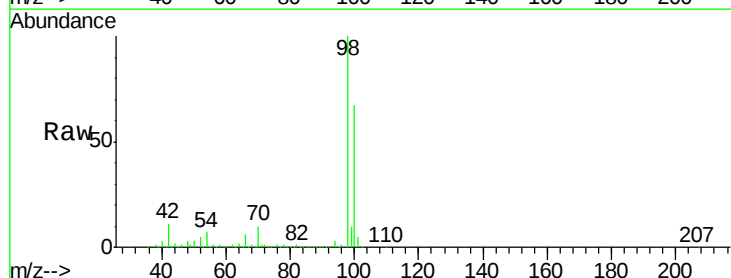
Acq: 24 Sep 2019 14:46

Tgt Ion: 98 Resp: 595119

Ion Ratio Lower Upper

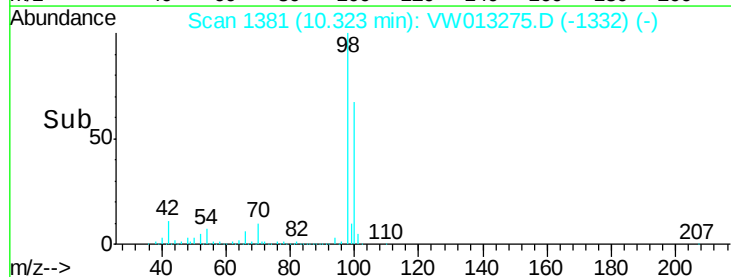
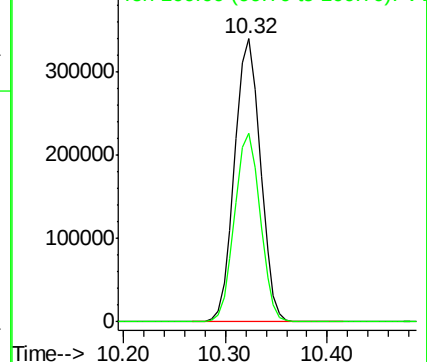
98 100

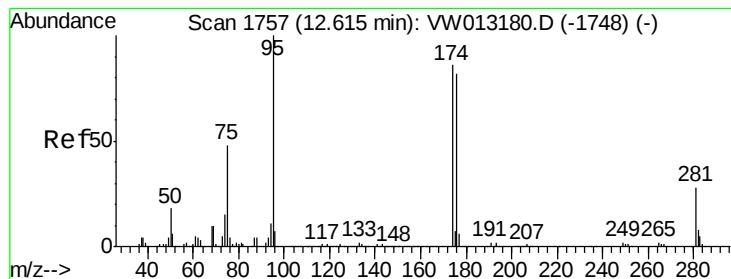
100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 44.365 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

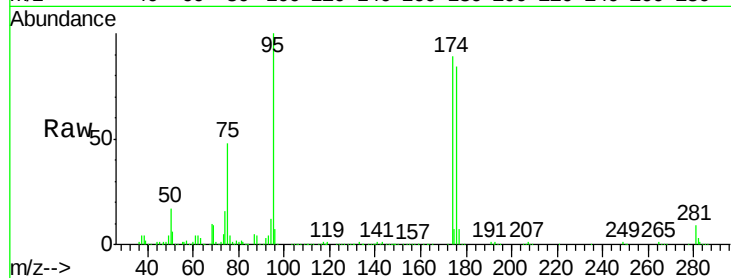
Tot Ion: 95 Resp: 180652

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.4

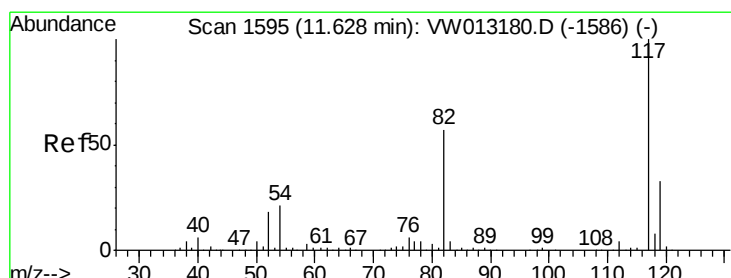
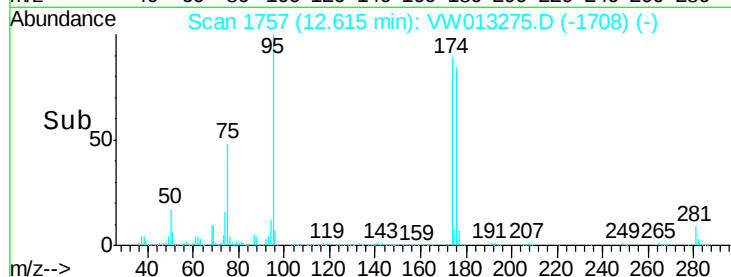
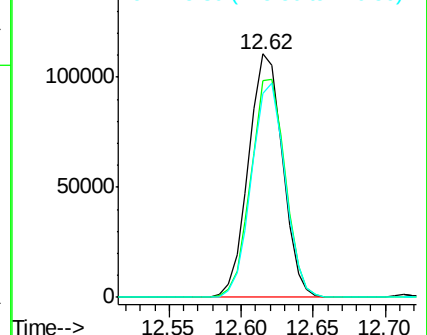
176 86.6 0.0 172.2



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. -0.00 min

Lab File: VW013275.D

Acq: 24 Sep 2019 14:46

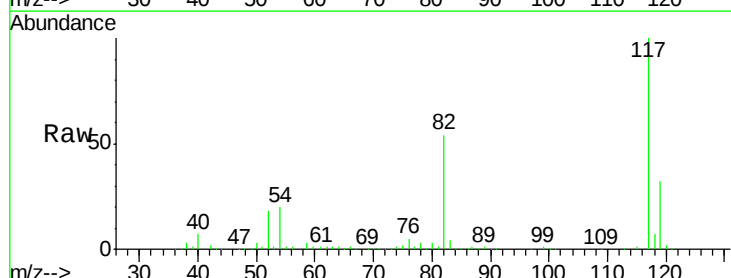
Tgt Ion: 117 Resp: 428683

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

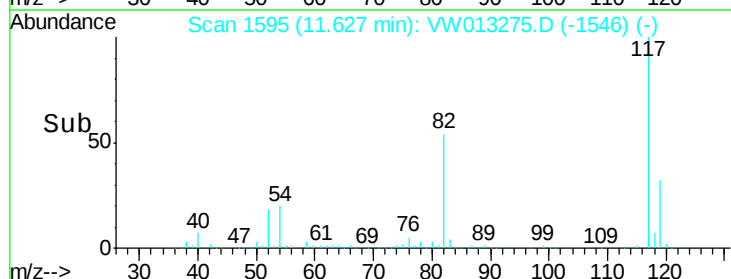
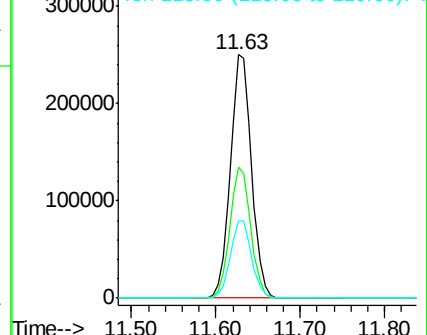
119 31.6 26.2 39.2

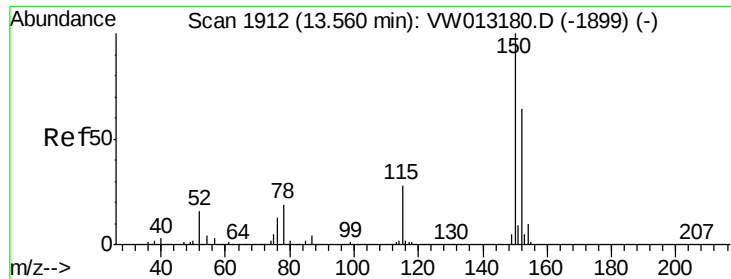


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW013275.D

Acq: 24 Sep 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

SU-03-092319

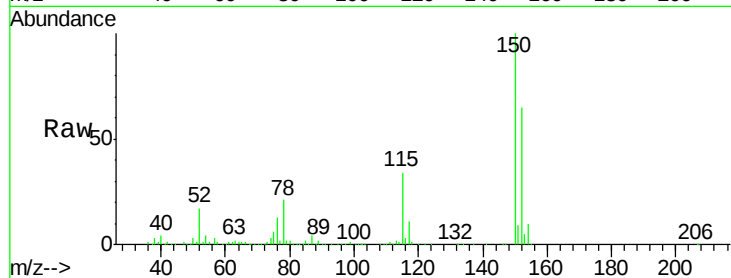
Tot Ion:152 Resp: 181300

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.9

150 155.8 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

