

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013210.D
 Acq On : 21 Sep 2019 03:56
 Operator : SY/VA
 Sample : K4939-04
 Misc : 5.79G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 983-B-2-(24)

Quant Time: Sep 21 06:22:49 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

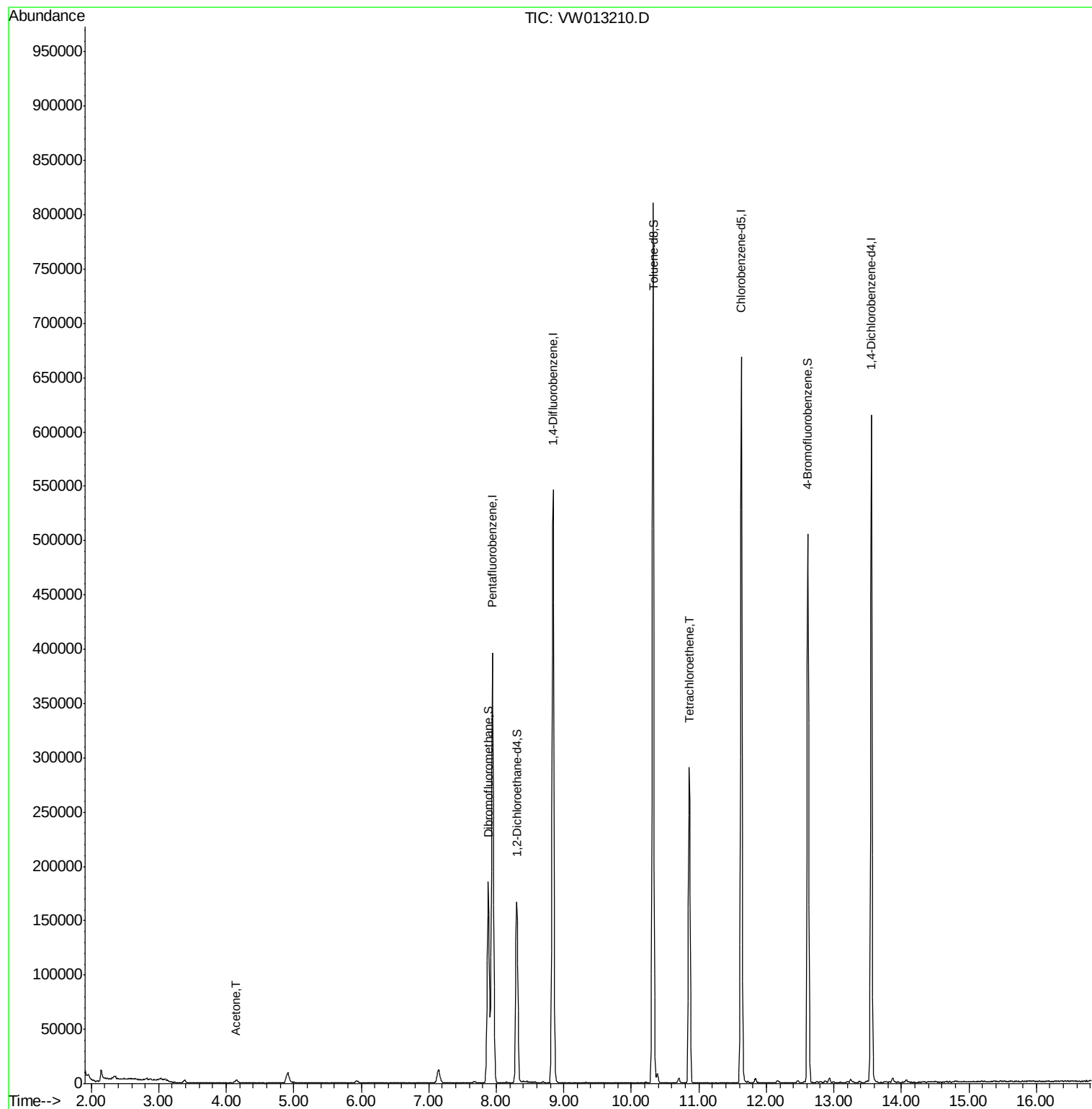
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	479373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134628	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	132514	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.32	98	545097	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	170848	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
Target Compounds						
16) Acetone	4.15	43	6093	10.407	ug/l #	61
64) Tetrachloroethene	10.86	164	73379	24.674	ug/l	97

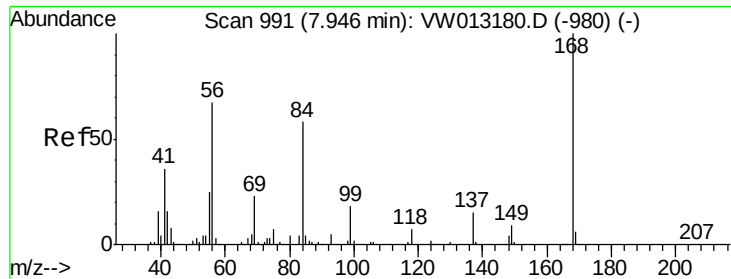
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
Data File : VW013210.D
Acq On : 21 Sep 2019 03:56
Operator : SY/VA
Sample : K4939-04
Misc : 5.79G/5ML/MSVOA W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
983-B-2-(24)

Quant Time: Sep 21 06:22:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013210.D

Acq: 21 Sep 2019 03:56

Instrument :

MSVOA_W

ClientSampleId :

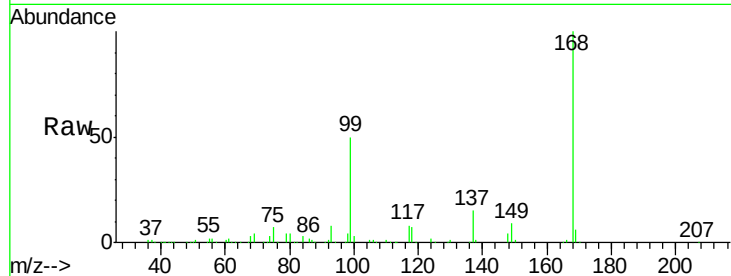
983-B-2-(24)

Tot Ion:168 Resp: 318119

Ion Ratio Lower Upper

168 100

99 50.0 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

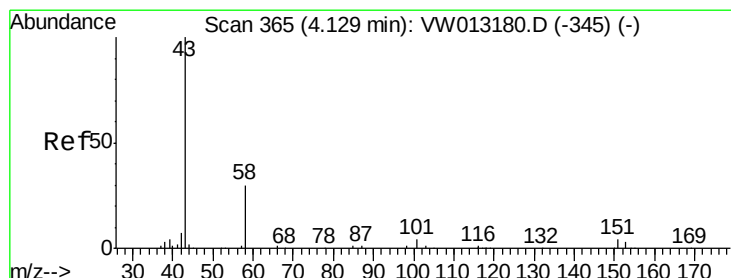
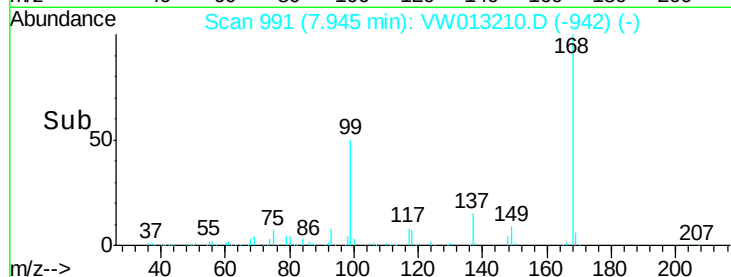
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 10.407 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013210.D

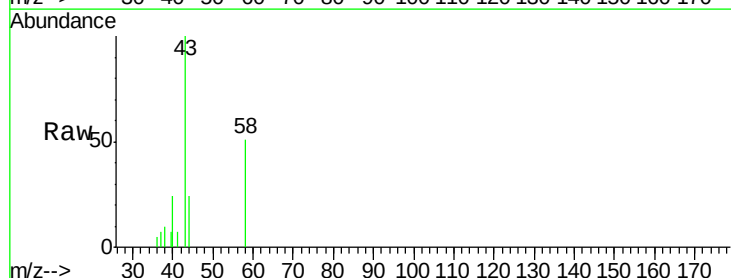
Acq: 21 Sep 2019 03:56

Tgt Ion: 43 Resp: 6093

Ion Ratio Lower Upper

43 100

58 51.2 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

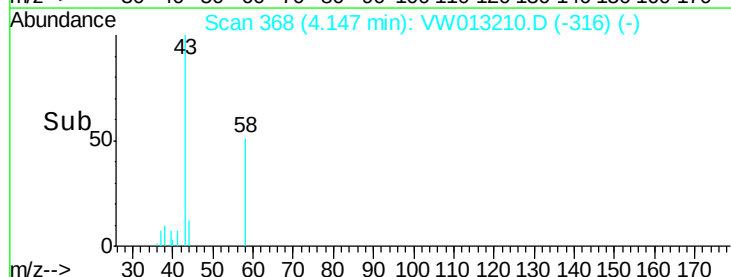
1500

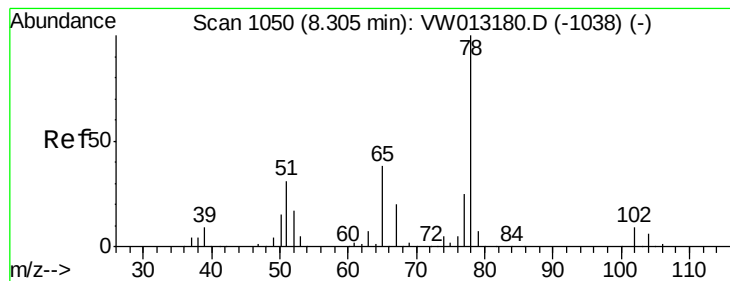
1000

500

0

Time--> 4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013210.D

Acq: 21 Sep 2019 03:56

Instrument :

MSVOA_W

ClientSampleId :

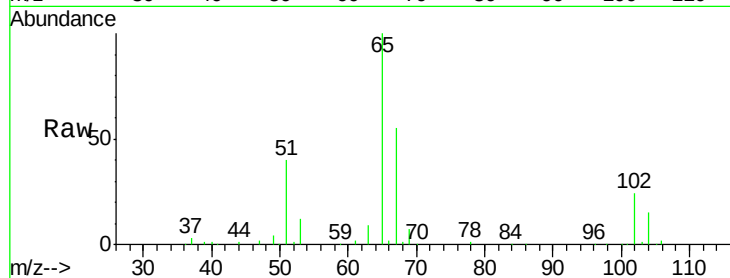
983-B-2-(24)

Tot Ion: 65 Resp: 134628

Ion Ratio Lower Upper

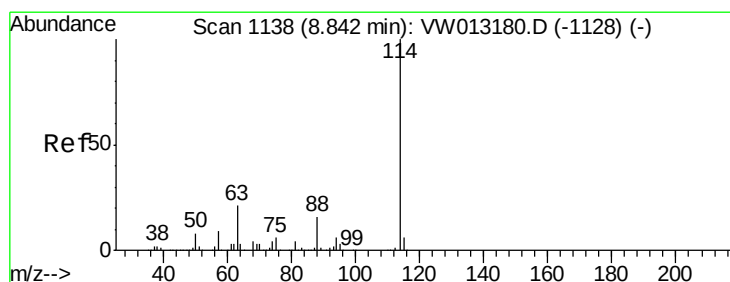
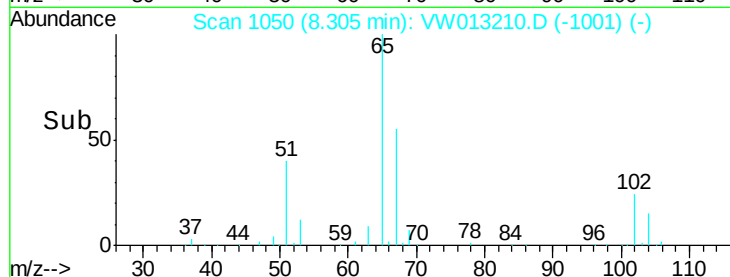
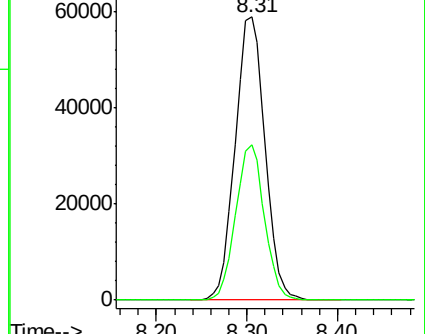
65 100

67 53.0 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: VW013210.D

Acq: 21 Sep 2019 03:56

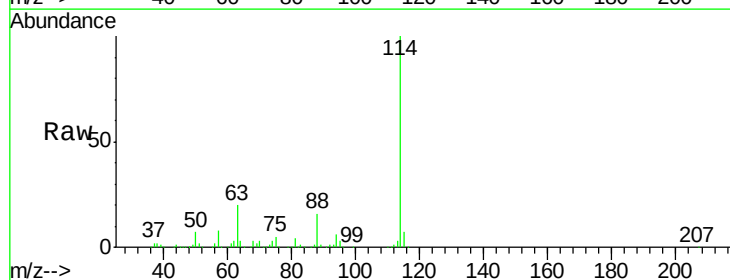
Tgt Ion: 114 Resp: 479373

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

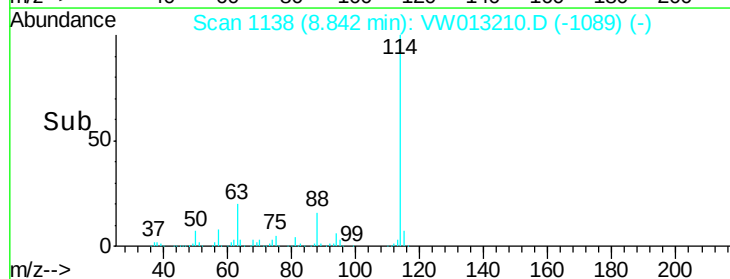
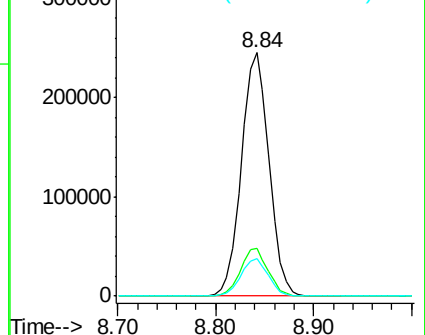
88 15.6 0.0 32.0

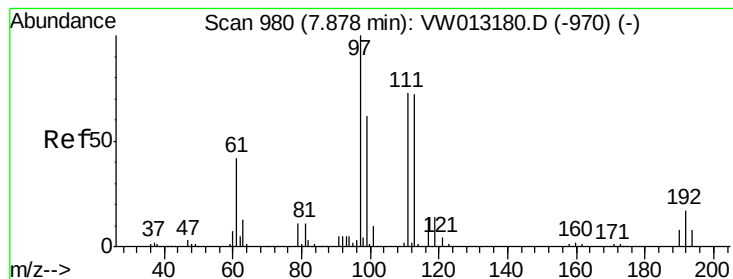


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.260 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013210.D

Acq: 21 Sep 2019 03:56

Instrument :

MSVOA_W

ClientSampleId :

983-B-2-(24)

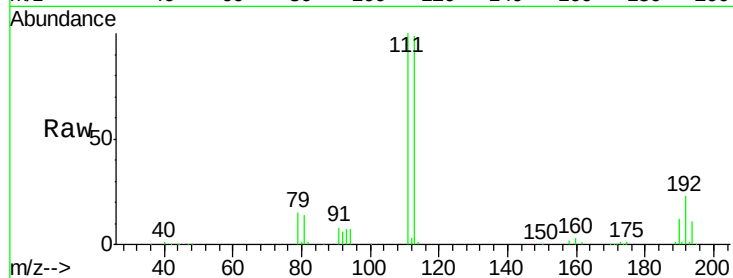
Tot Ion:113 Resp: 132514

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

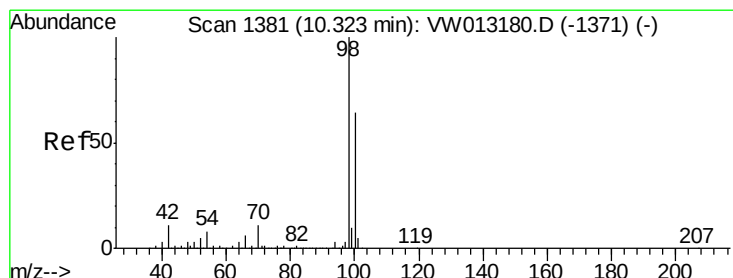
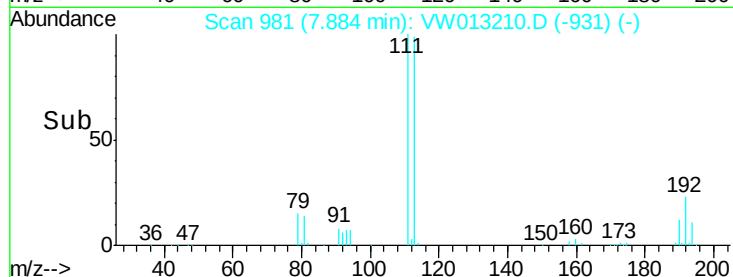
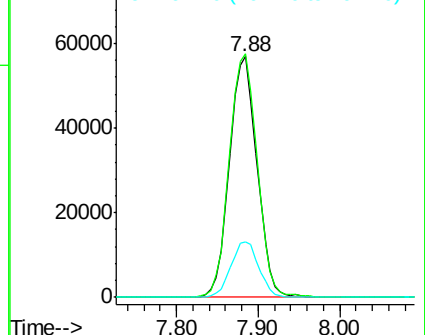
192 23.3 19.1 28.7



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: 49.400 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013210.D

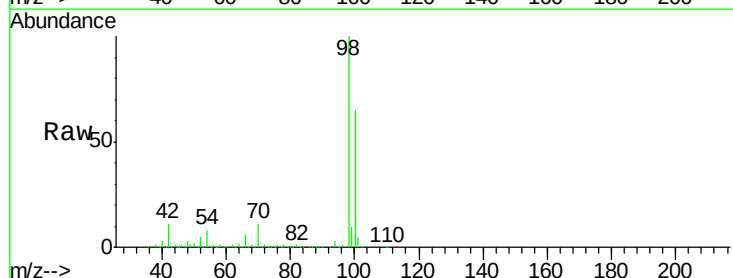
Acq: 21 Sep 2019 03:56

Tgt Ion: 98 Resp: 545097

Ion Ratio Lower Upper

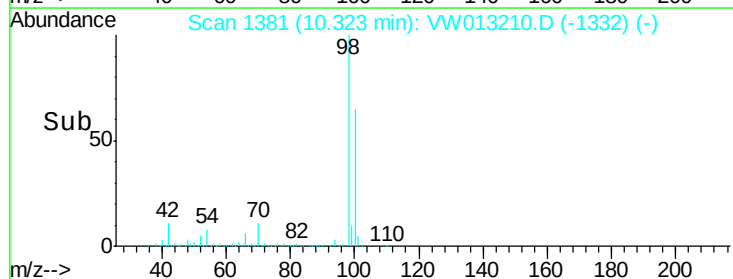
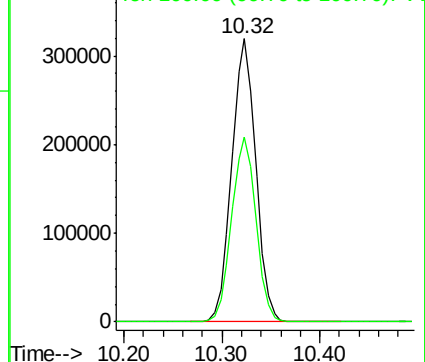
98 100

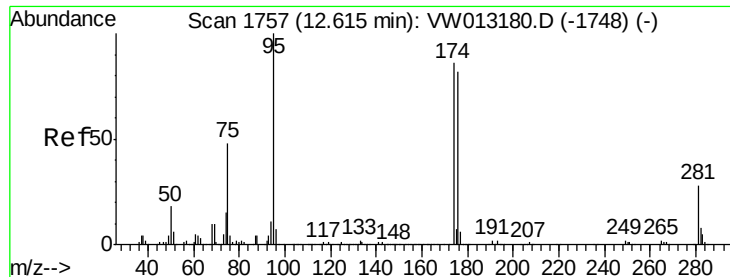
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.327 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013210.D

Acq: 21 Sep 2019 03:56

Instrument :

MSVOA_W

ClientSampled :

983-B-2-(24)

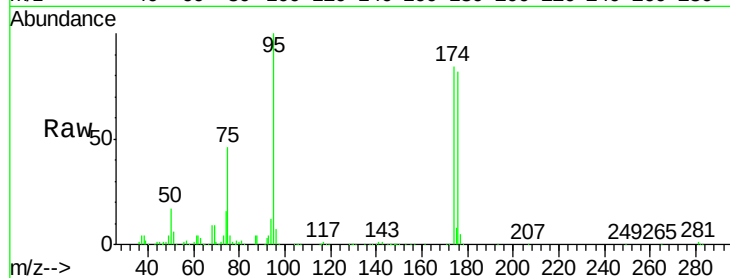
Tot Ion: 95 Resp: 170848

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.4

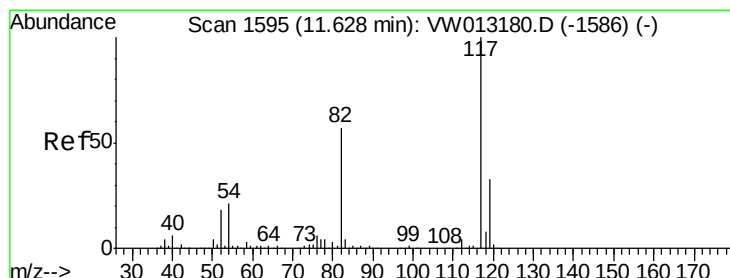
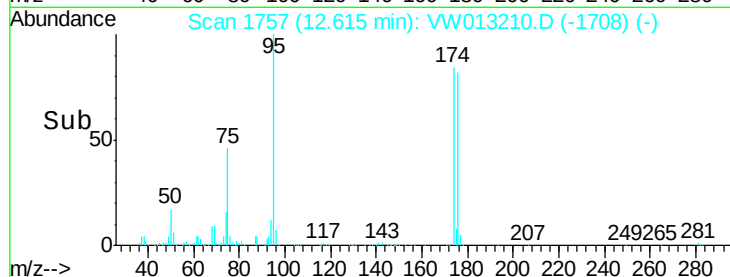
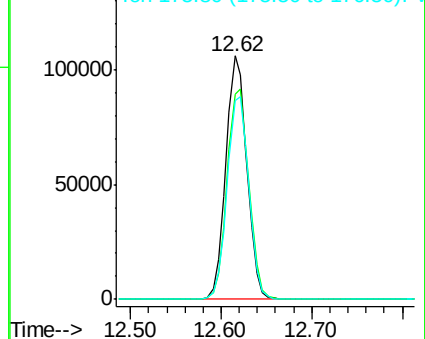
176 85.7 0.0 172.2



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: VW013210.D

Acq: 21 Sep 2019 03:56

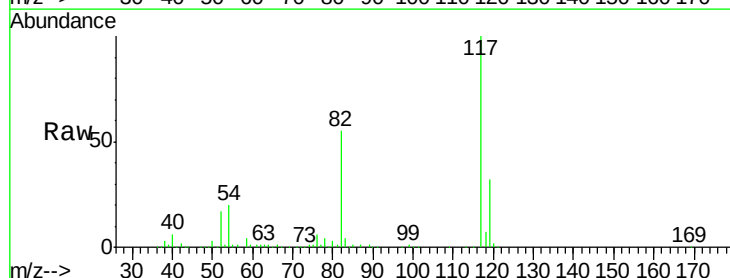
Tgt Ion: 117 Resp: 391963

Ion Ratio Lower Upper

117 100

82 55.0 45.9 68.9

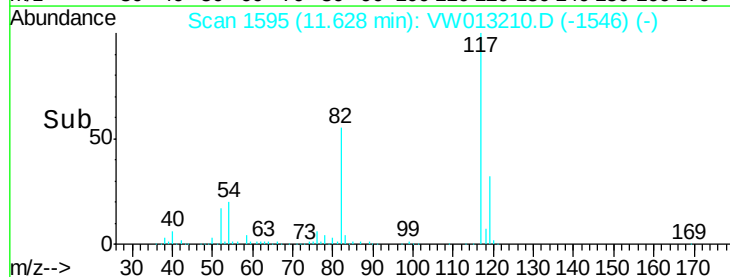
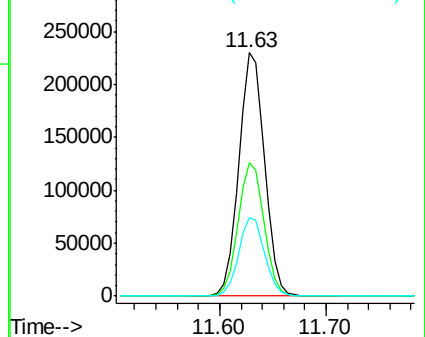
119 32.3 26.2 39.2

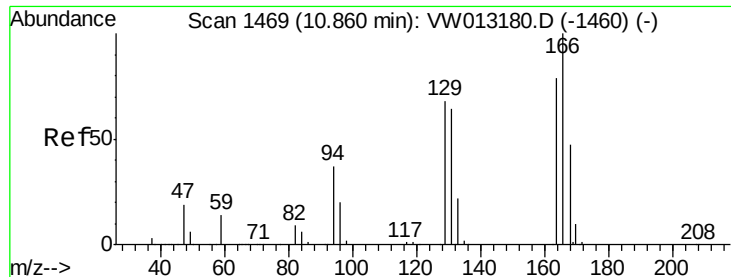


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#64

Tetrachloroethene

Concen: 24.674 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013210.D

Acq: 21 Sep 2019 03:56

Instrument :

MSVOA_W

ClientSampleId :

983-B-2-(24)

Tot Ion:164 Resp: 73379

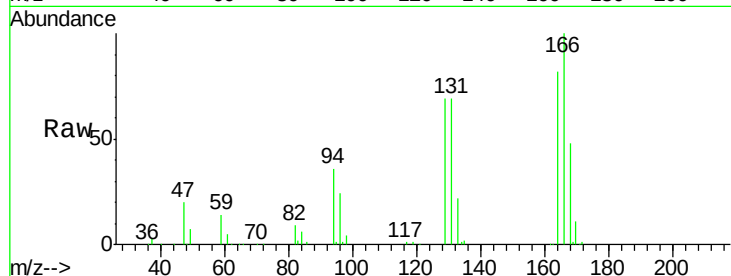
Ion Ratio Lower Upper

164 100

166 122.2 101.2 151.8

129 84.6 68.8 103.2

131 84.2 65.2 97.8

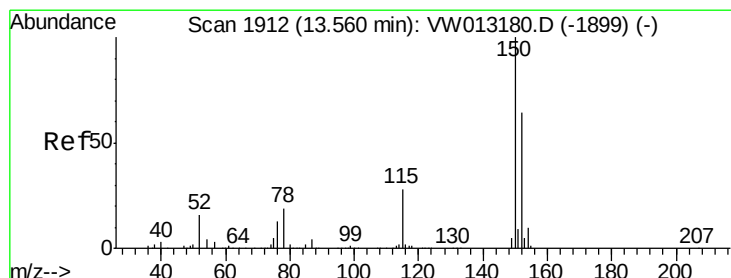
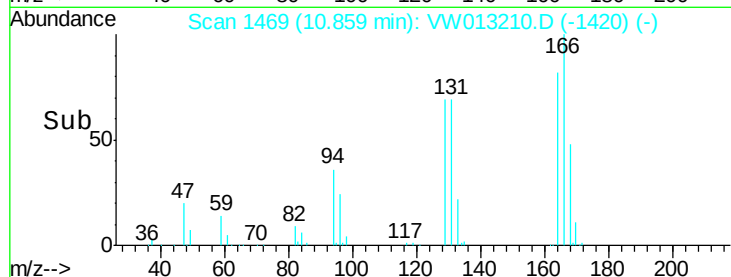
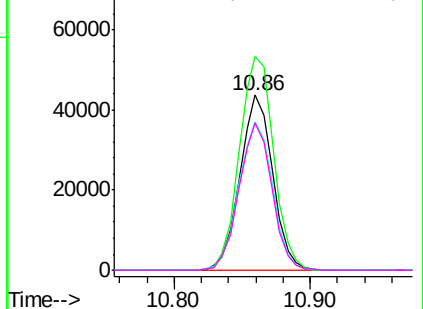


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013210.D

Acq: 21 Sep 2019 03:56

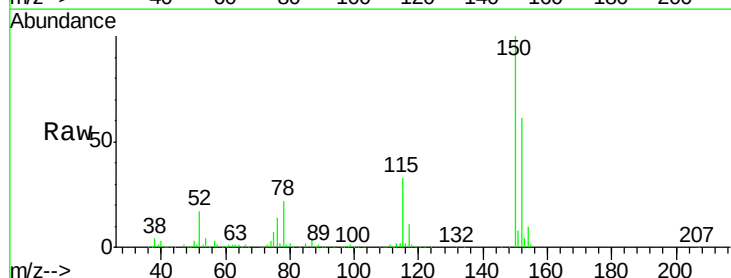
Tgt Ion:152 Resp: 171994

Ion Ratio Lower Upper

152 100

115 56.4 27.3 81.9

150 157.1 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

