

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015310.D
 Acq On : 22 Apr 2020 16:04
 Operator : SY/VA
 Sample : L2387-01
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-018-IDWSO-20200421

Quant Time: Apr 23 07:24:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

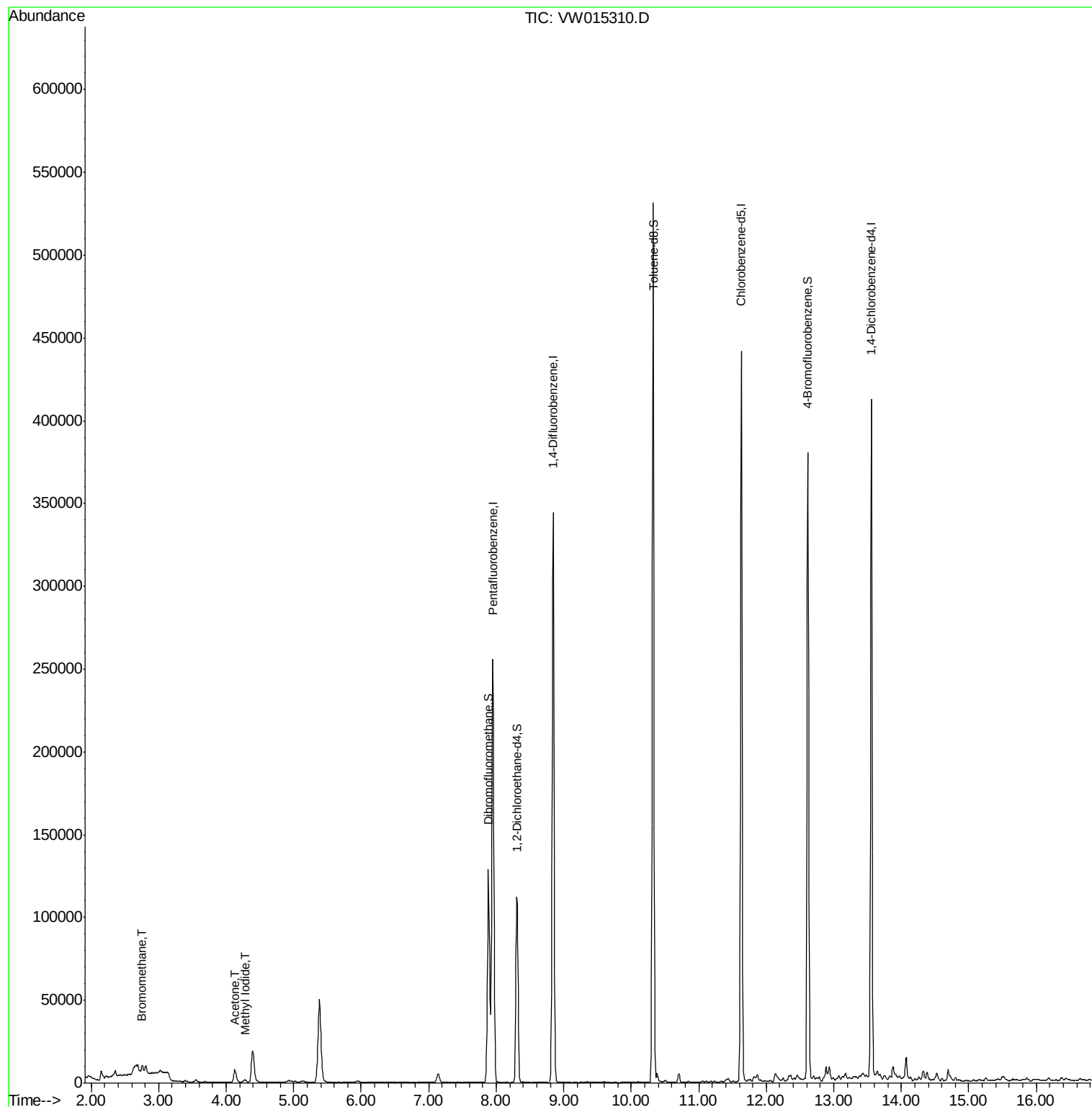
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	115753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	90236	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.88	113	90765	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
50) Toluene-d8	10.32	98	357050	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	115277	41.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.48%	
Target Compounds						
5) Bromomethane	2.76	94	3301	2.119	ug/l	84
10) Methyl Iodide	4.28	142	2762	1.375	ug/l	97
16) Acetone	4.13	43	13993	45.400	ug/l	95

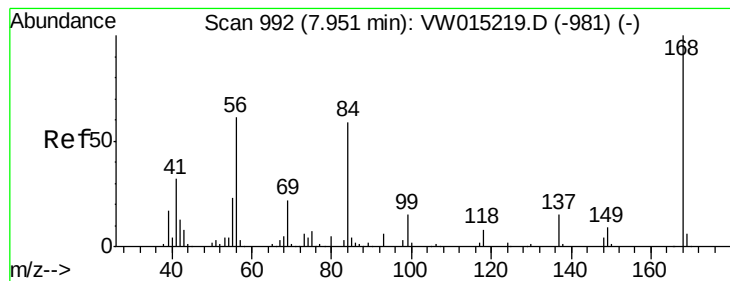
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015310.D

Acq: 22 Apr 2020 16:04

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MSVOA_W

ClientSampleId :

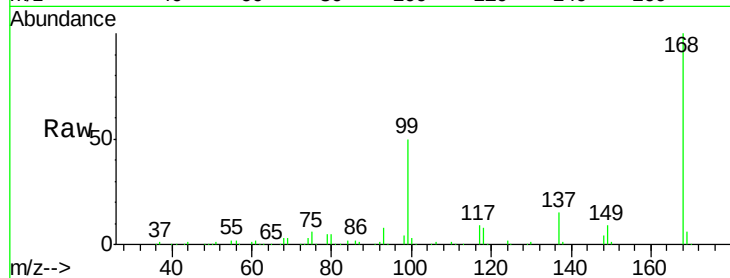
TT-018-IDWSO-20200421

Tot Ion:168 Resp: 215792

Ion Ratio Lower Upper

168 100

99 49.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

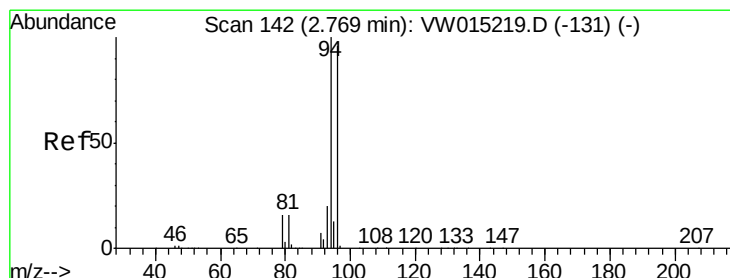
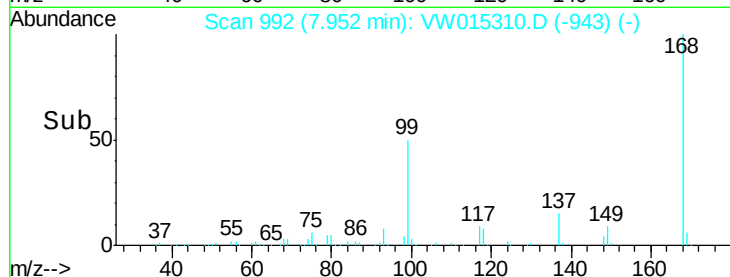
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#5

Bromomethane

Concen: 2.119 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015310.D

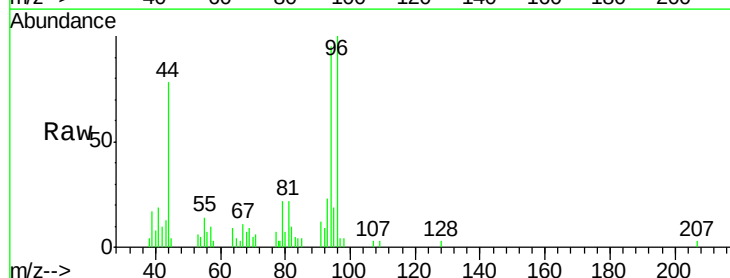
Acq: 22 Apr 2020 16:04

Tgt Ion: 94 Resp: 3301

Ion Ratio Lower Upper

94 100

96 103.2 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2000

1500

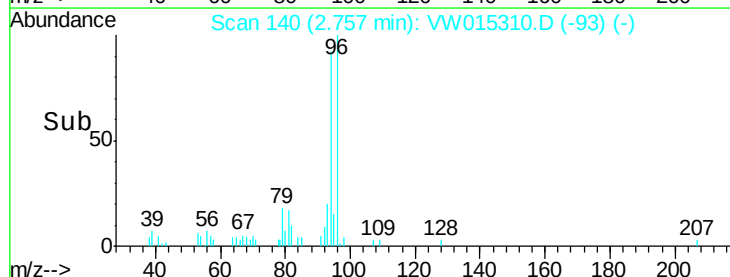
1000

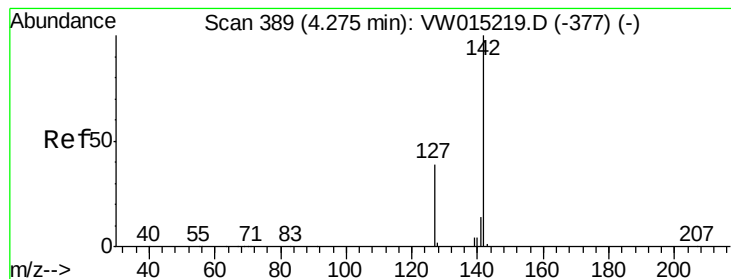
500

0

Time-->

2.70 2.75 2.80





#10

Methvl Iodide

Concen: 1.375 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015310.D

Acq: 22 Apr 2020 16:04

Instrument :

MSVOA_W

ClientSampleId :

TT-018-IDWSO-20200421

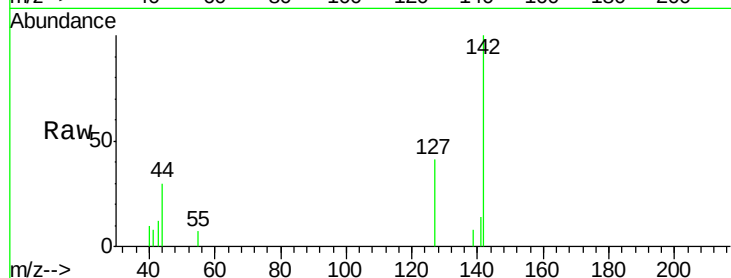
Tot Ion:142 Resp: 2762

Ion Ratio Lower Upper

142 100

127 40.8 33.9 50.9

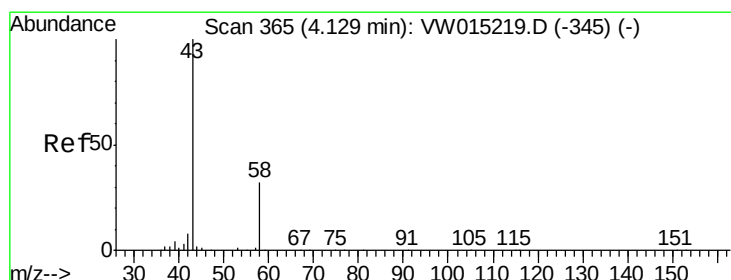
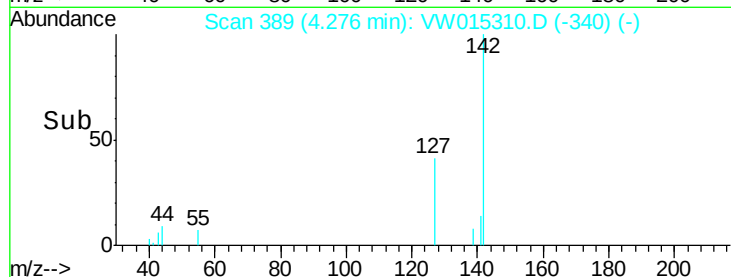
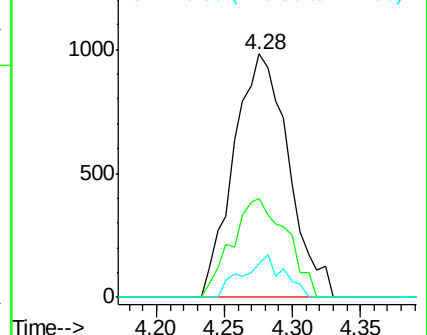
141 12.9 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#16

Acetone

Concen: 45.400 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015310.D

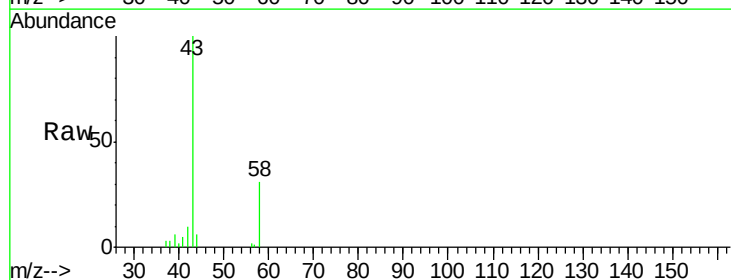
Acq: 22 Apr 2020 16:04

Tgt Ion: 43 Resp: 13993

Ion Ratio Lower Upper

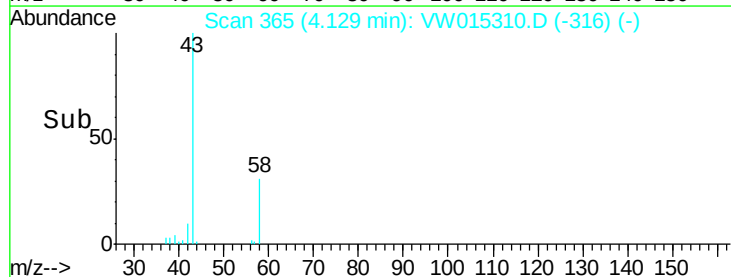
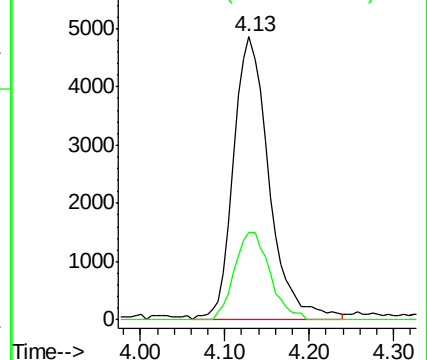
43 100

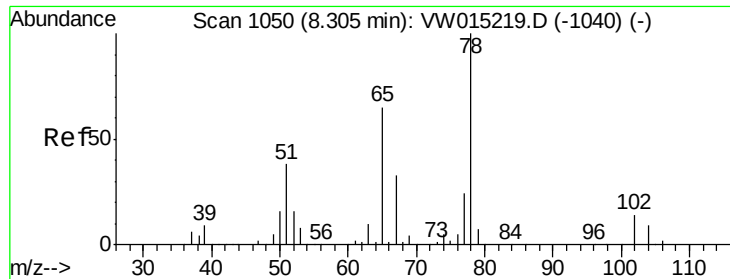
58 31.0 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

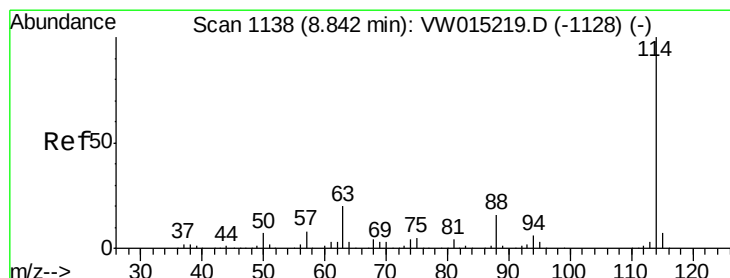
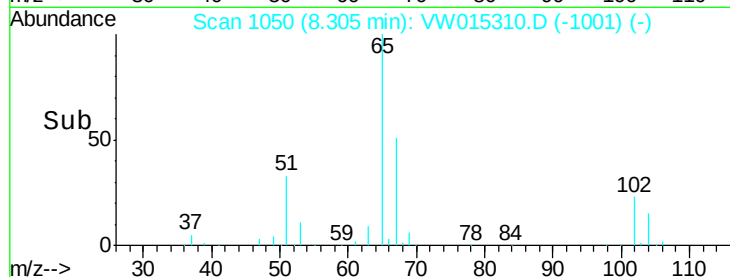
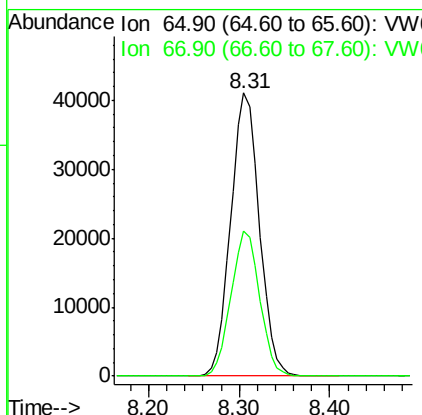
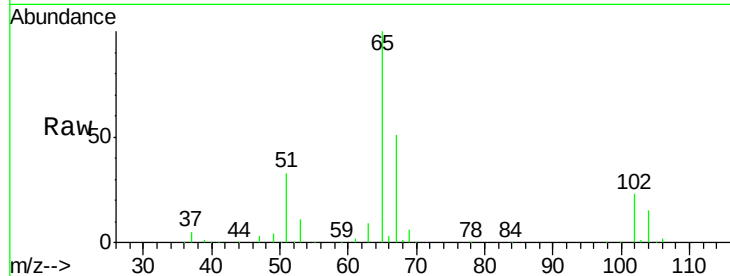




#33
 1,2-Dichloroethane-d4
 Concen: 51.136 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015310.D
 Acq: 22 Apr 2020 16:04

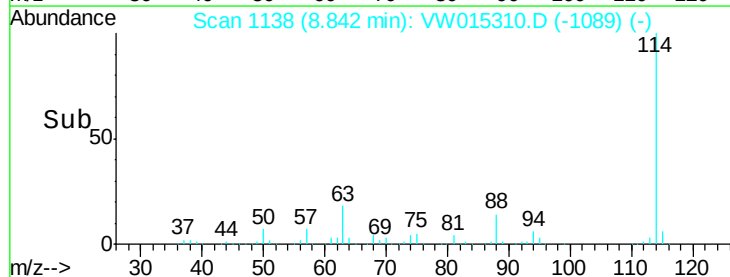
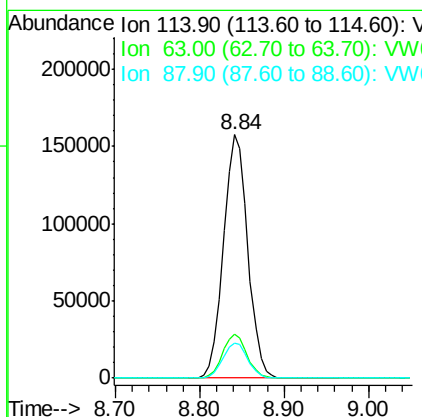
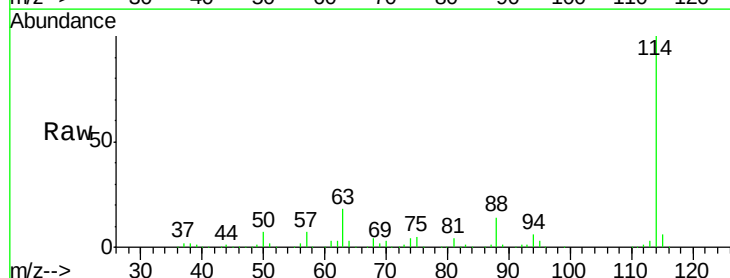
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-018-IDWSO-20200421

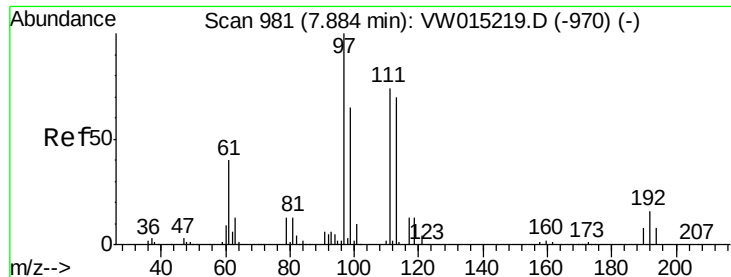
Tot Ion: 65 Resp: 90236
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015310.D
 Acq: 22 Apr 2020 16:04

Tgt Ion: 114 Resp: 310640
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 39.8
 88 14.3 0.0 30.2

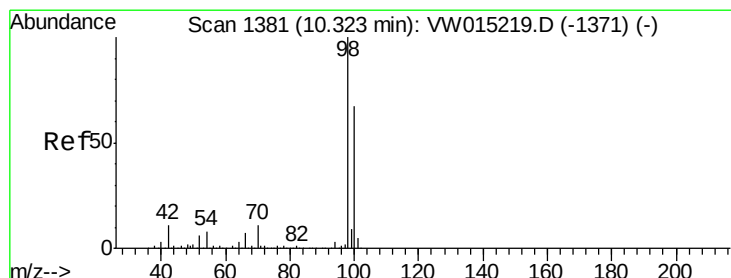
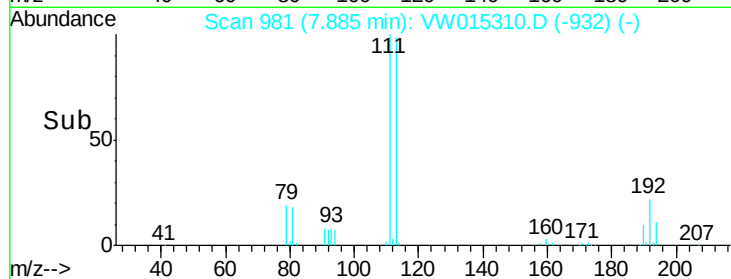
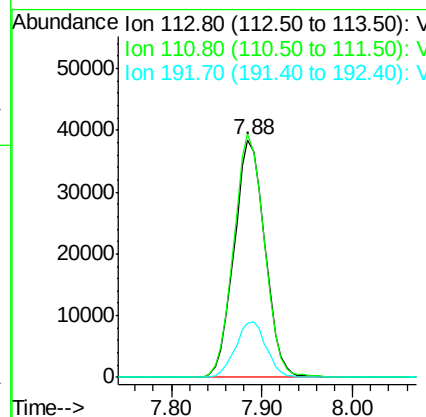
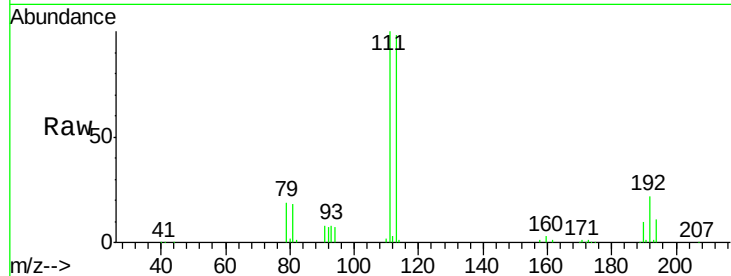




#35
 Dibromofluoromethane
 Concen: 52.749 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015310.D
 Acq: 22 Apr 2020 16:04

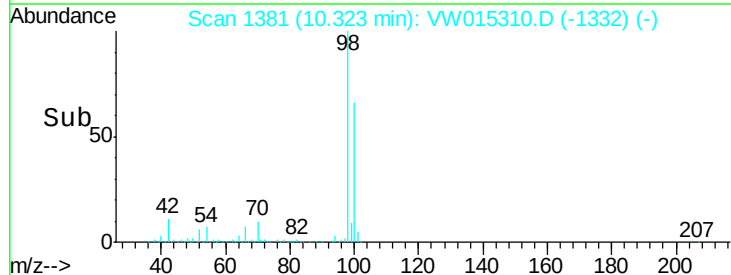
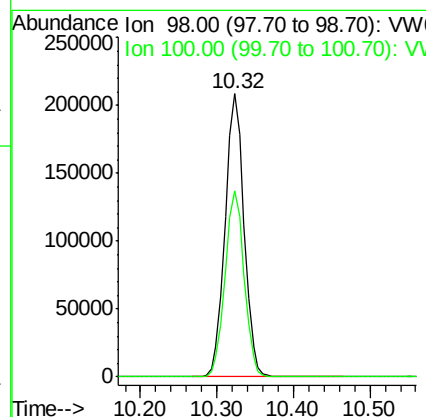
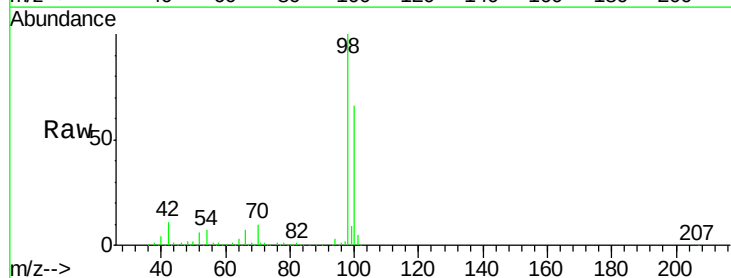
Instrument :
 MSVOA_W
 ClientSampleId :
 TT-018-IDWSO-20200421

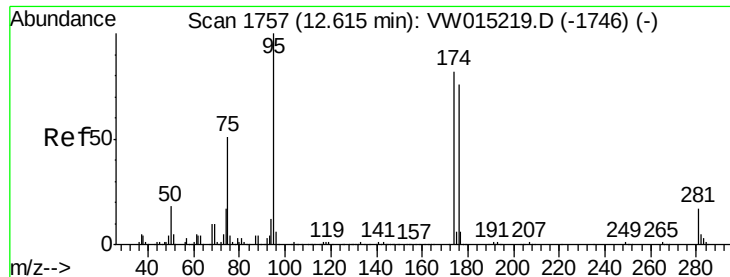
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.0	124.4
192	23.2	15.1	22.7#



#50
 Toluene-d8
 Concen: 49.327 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW015310.D
 Acq: 22 Apr 2020 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 41.740 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015310.D

Acq: 22 Apr 2020 16:04

Instrument :

MSVOA_W

ClientSampleId :

TT-018-IDWSO-20200421

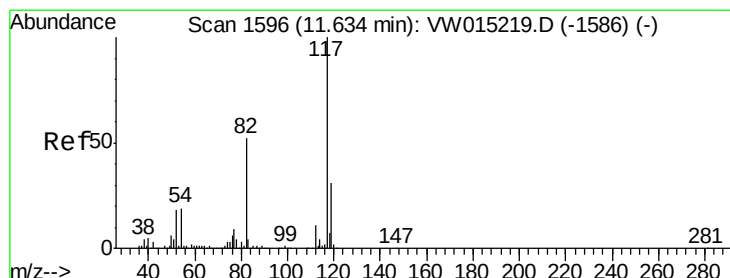
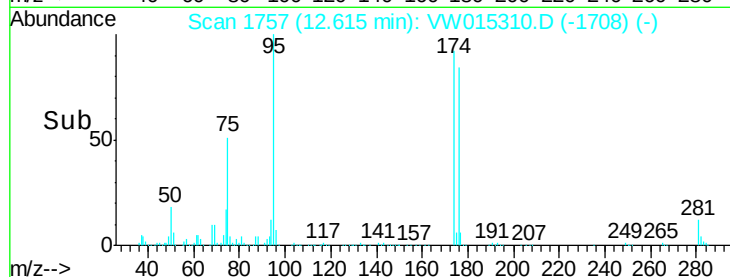
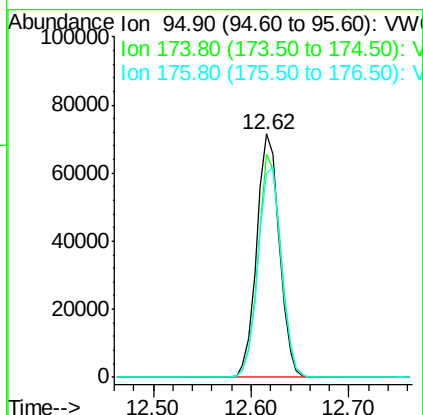
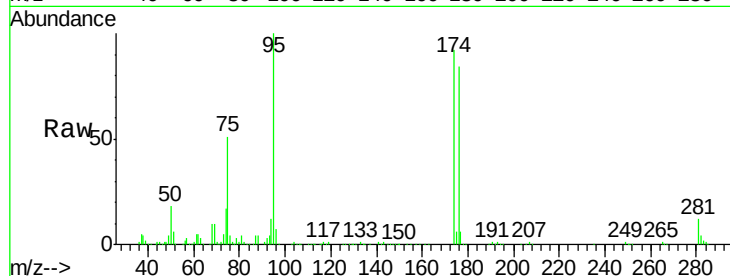
Tot Ion: 95 Resp: 115277

Ion Ratio Lower Upper

95 100

174 91.5 0.0 144.4

176 88.6 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015310.D

Acq: 22 Apr 2020 16:04

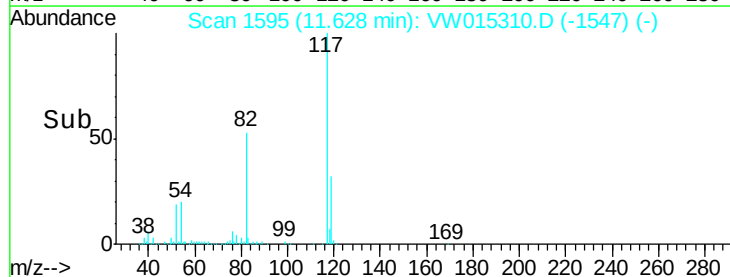
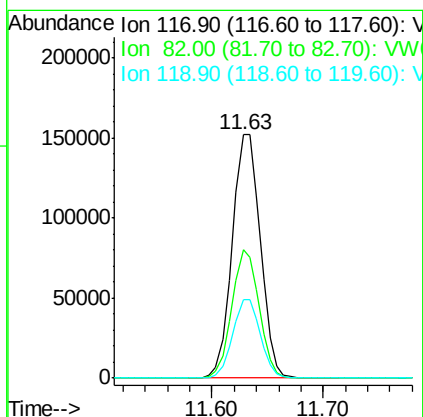
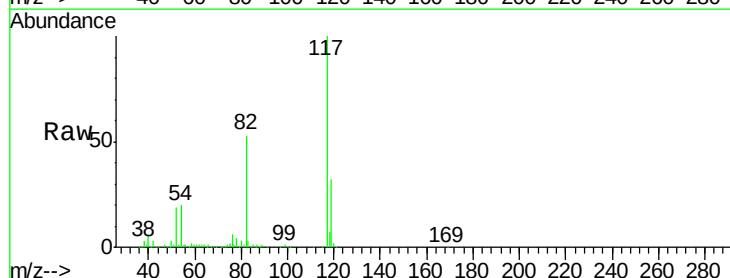
Tgt Ion: 117 Resp: 265862

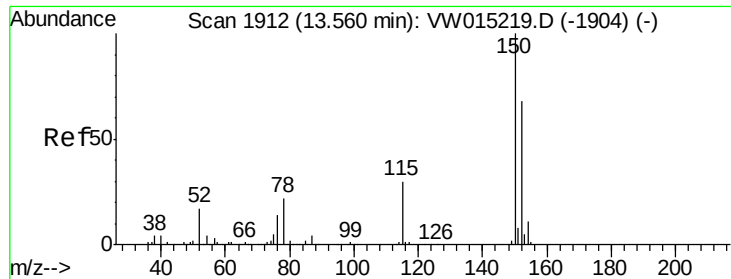
Ion Ratio Lower Upper

117 100

82 52.8 44.1 66.1

119 32.2 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW015310.D

Acq: 22 Apr 2020 16:04

Instrument :

MSVOA_W

ClientSampleId :

TT-018-IDWSO-20200421

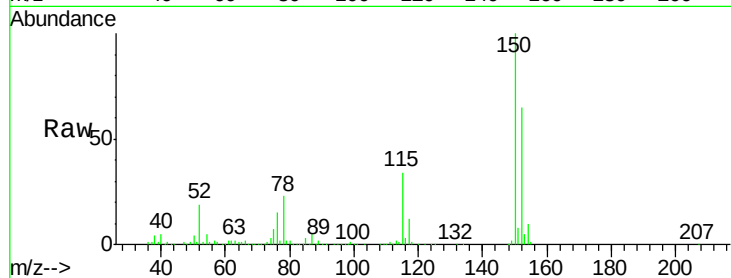
Tot Ion:152 Resp: 115753

Ion Ratio Lower Upper

152 100

115 54.5 31.3 93.9

150 156.4 0.0 343.4



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

