

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006280.D
 Acq On : 23 Oct 2018 05:47
 Operator : VA/AP
 Sample : J5621-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

Quant Time: Oct 23 07:10:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

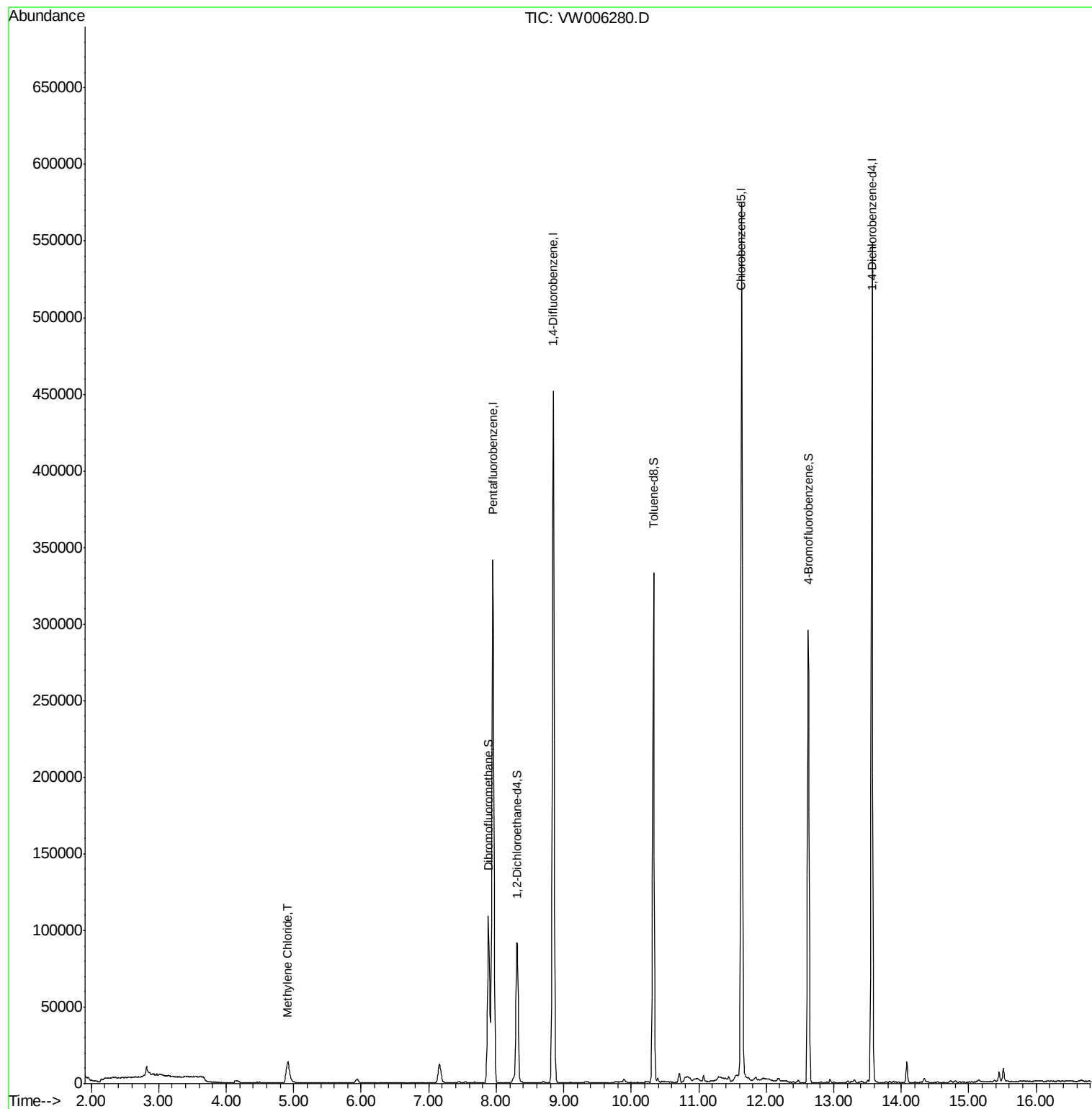
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	274000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75289	33.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.28%	
35) Dibromofluoromethane	7.88	113	75502	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	
50) Toluene-d8	10.33	98	228906	25.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.42%	
62) 4-Bromofluorobenzene	12.62	95	85947	25.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.40%	
Target Compounds						
20) Methylene Chloride	4.91	84	13028	3.920	ug/l	Qvalue 91

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

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Quant Time: Oct 23 07:10:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

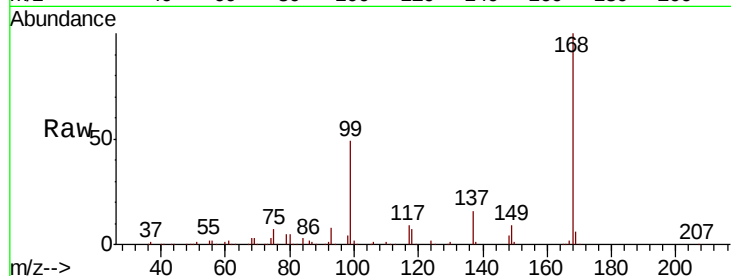
SA-SED-01

Tot Ion:168 Resp: 274000

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

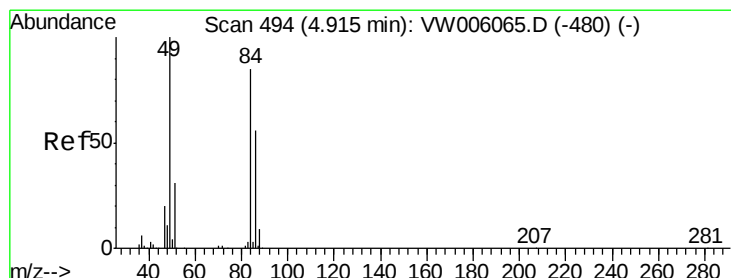
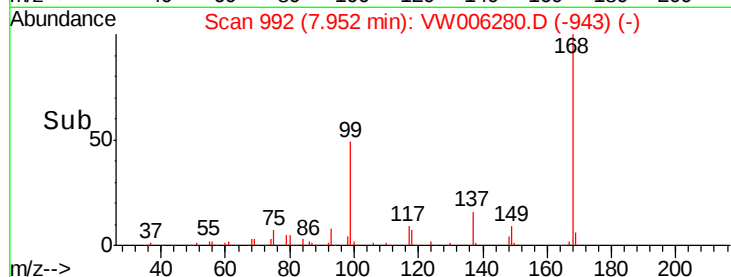
100000

50000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 3.920 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Tgt Ion: 84 Resp: 13028

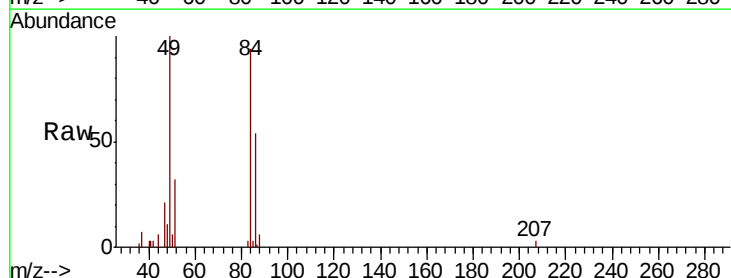
Ion Ratio Lower Upper

84 100

49 106.7 93.6 140.4

51 34.6 29.0 43.4

86 57.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

6000

5000

4000

3000

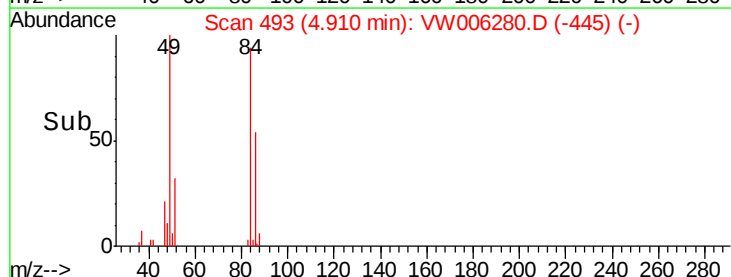
2000

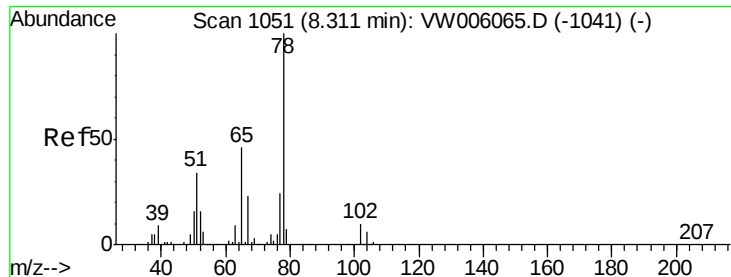
1000

0

4.80 4.90 5.00 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 33.143 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

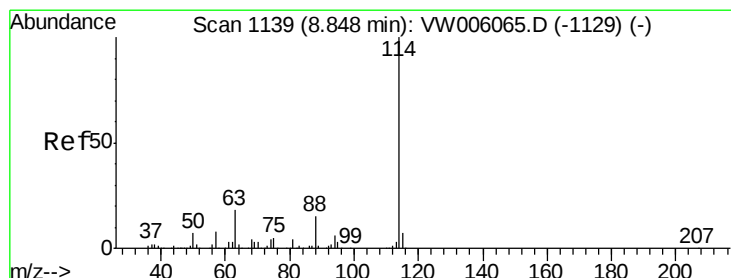
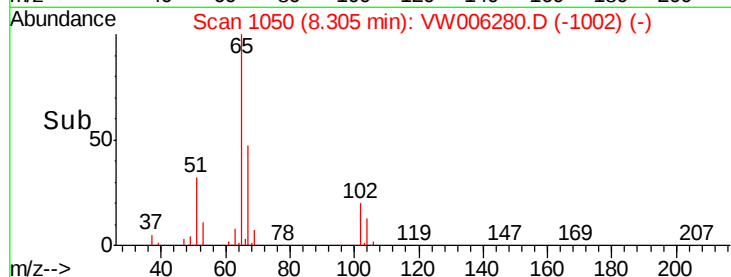
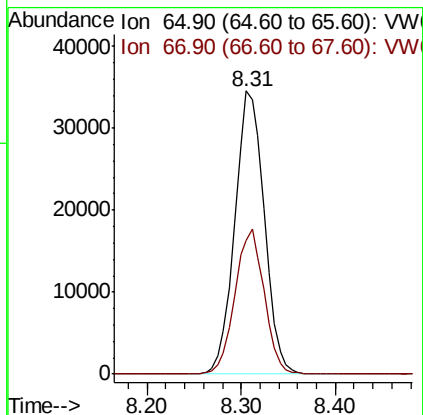
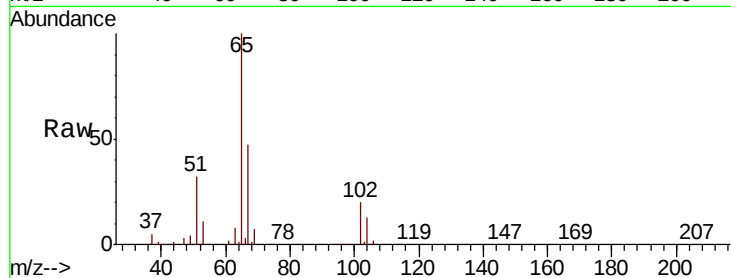
SA-SED-01

Tot Ion: 65 Resp: 75289

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

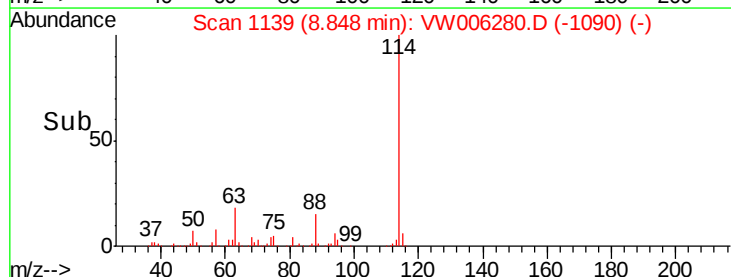
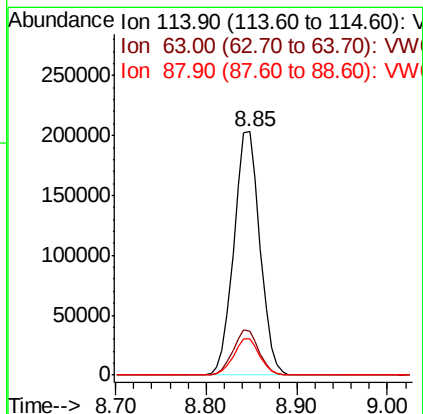
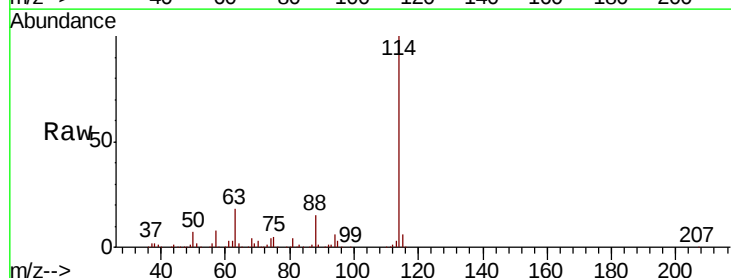
Tgt Ion: 114 Resp: 403958

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 14.7 0.0 29.0

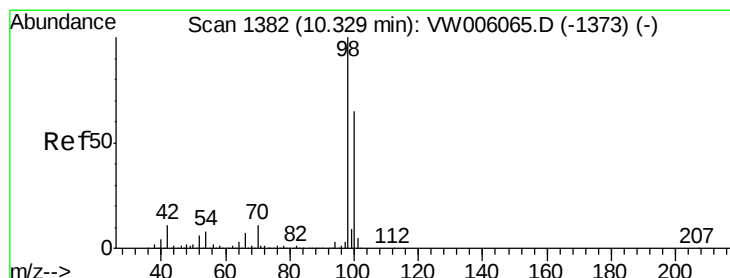
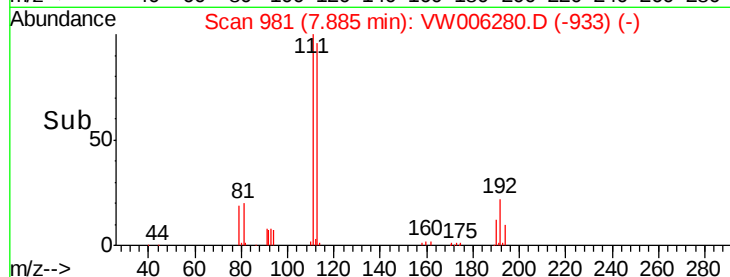
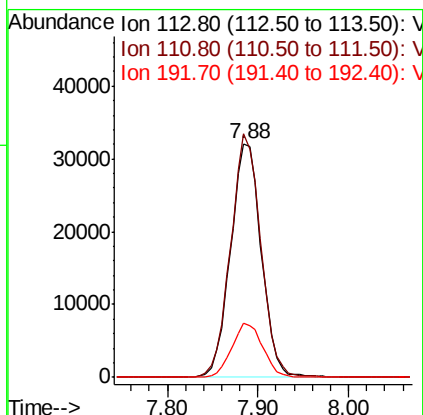
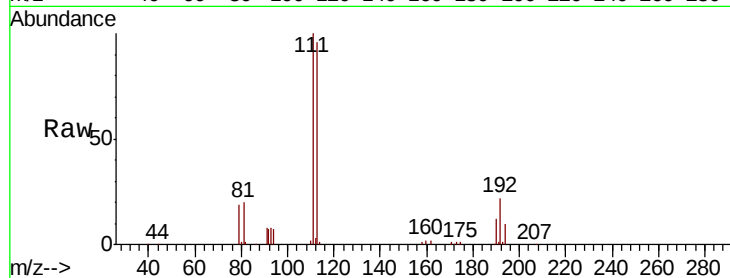




#35
 Dibromofluoromethane
 Concen: 31.631 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

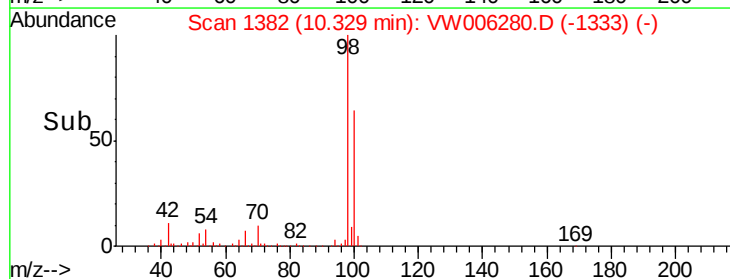
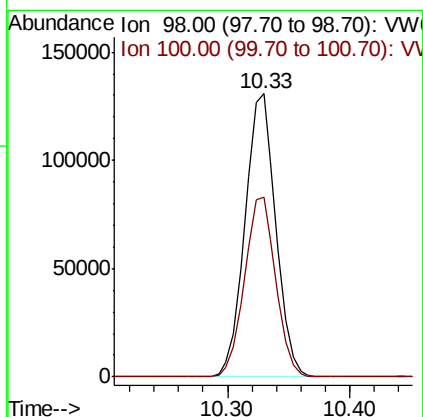
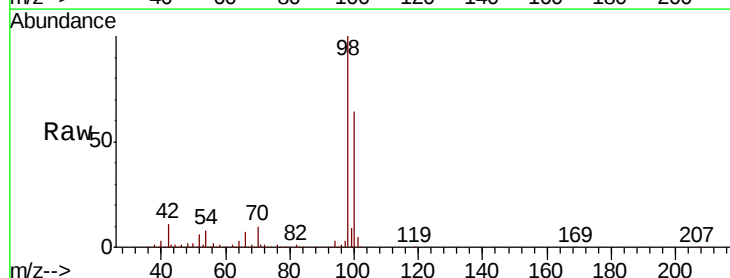
Instrument :
 MSVOA_W
 ClientSampleId :
 SA-SED-01

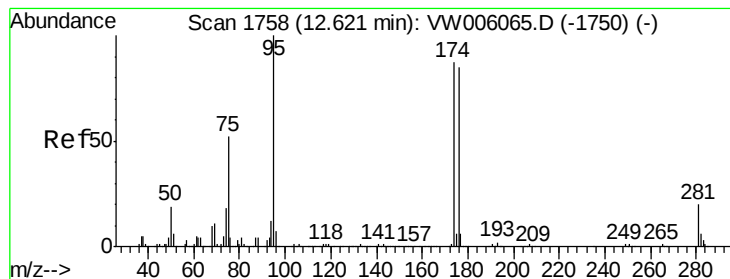
Tot Ion:113 Resp: 75502
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.3 18.7 28.1



#50
 Toluene-d8
 Concen: 25.206 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006280.D
 Acq: 23 Oct 2018 05:47

Tgt Ion: 98 Resp: 228906
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 25.198 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

SA-SED-01

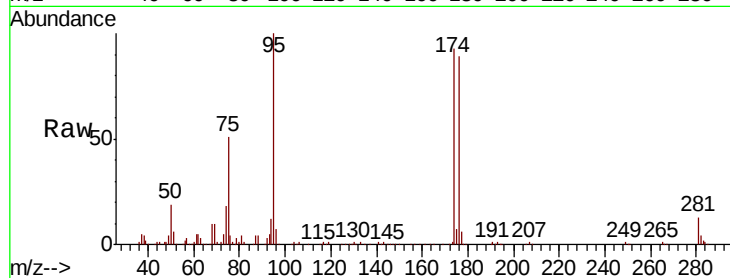
Tot Ion: 95 Resp: 85947

Ion Ratio Lower Upper

95 100

174 96.8 0.0 186.0

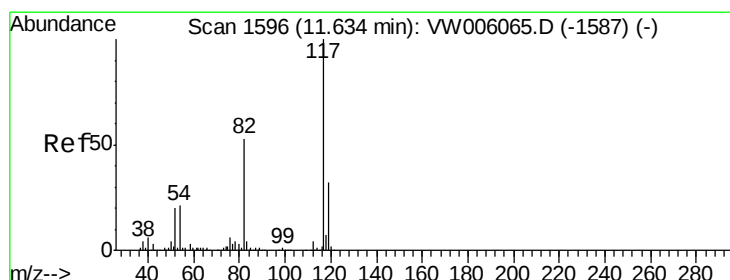
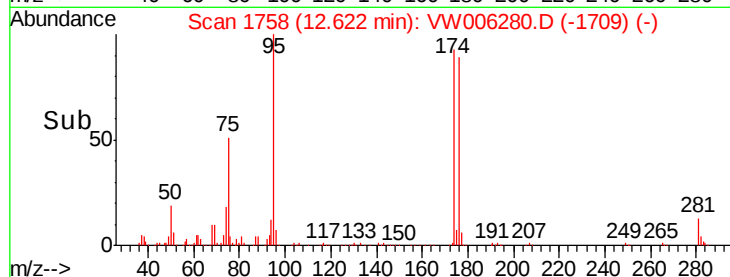
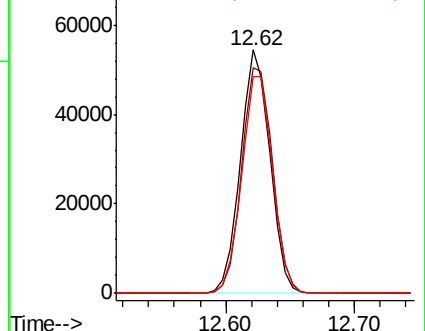
176 93.4 0.0 181.6



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: VW006280.D

Acq: 23 Oct 2018 05:47

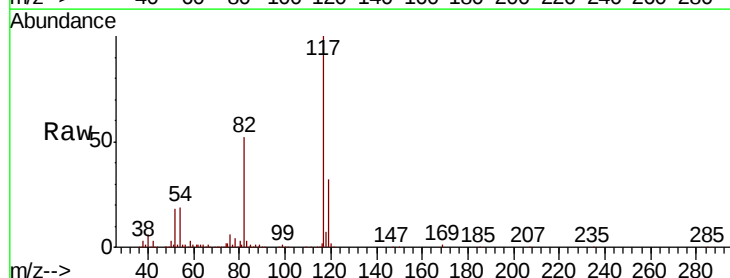
Tgt Ion: 117 Resp: 327438

Ion Ratio Lower Upper

117 100

82 51.8 42.1 63.1

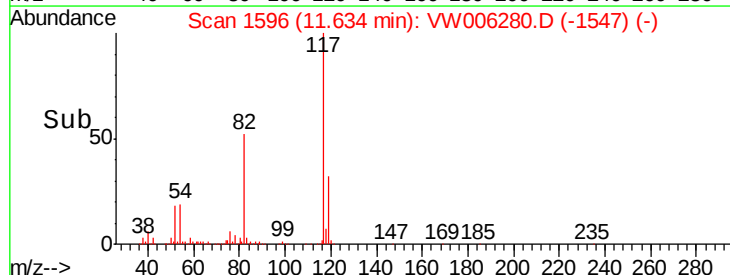
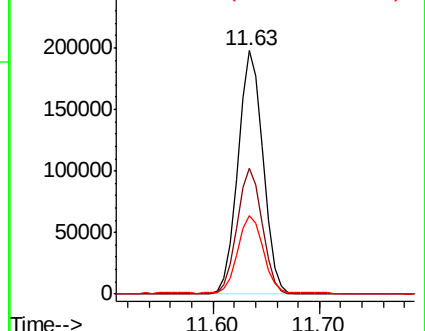
119 31.6 25.8 38.6

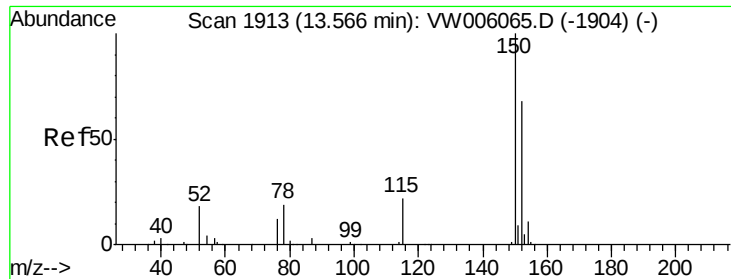


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006280.D

Acq: 23 Oct 2018 05:47

Instrument :

MSVOA_W

ClientSampleId :

SA-SED-01

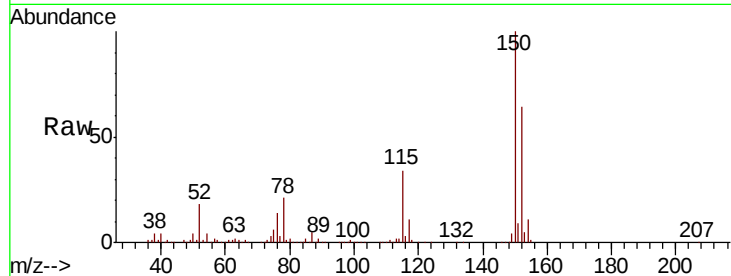
Tot Ion:152 Resp: 153308

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

150 157.4 0.0 349.2



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

