

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009576.D
 Acq On : 29 Mar 2019 17:20
 Operator : SY/VA
 Sample : K2102-02
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-002-IDWSO-20190325

Quant Time: Mar 30 05:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

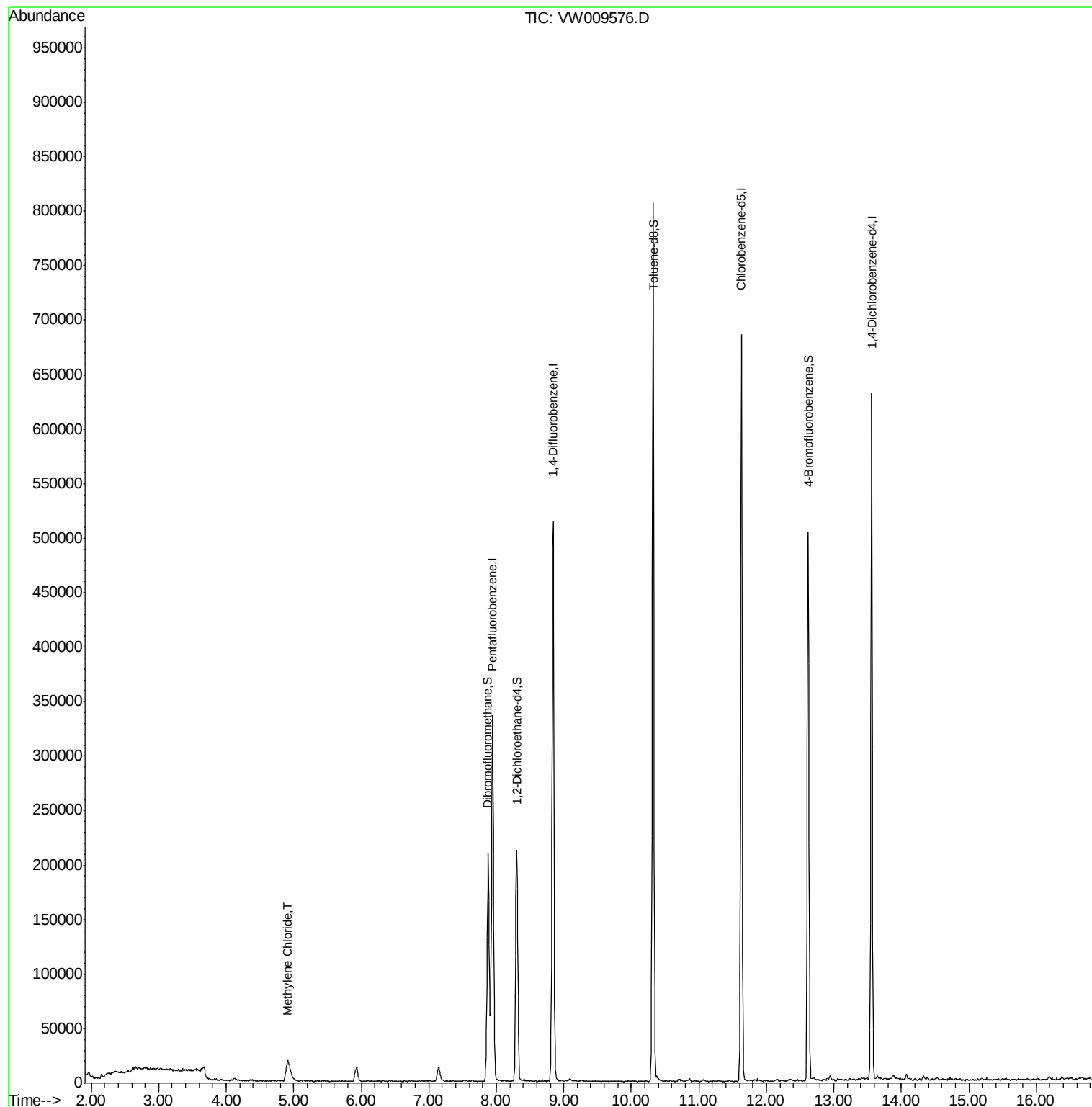
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	165127	62.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.10%	
35) Dibromofluoromethane	7.88	113	140683	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
50) Toluene-d8	10.32	98	490681	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
62) 4-Bromofluorobenzene	12.62	95	150567	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
20) Methylene Chloride	4.92	84	17469	3.863	ug/l	Qvalue 93

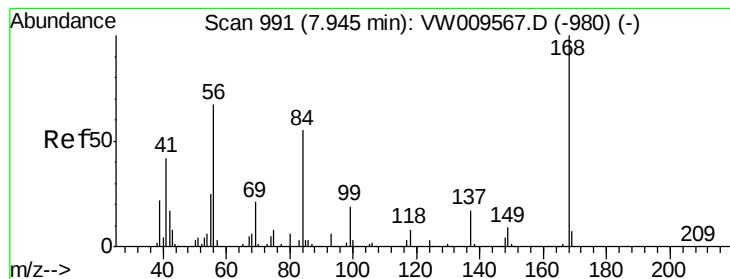
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 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: VW009576.D

Acq: 29 Mar 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

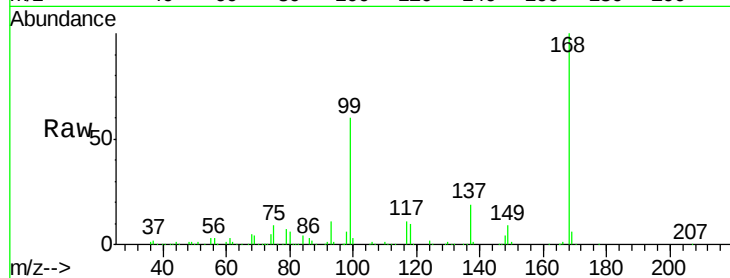
TT-002-IDW/ISO-20190325

Tot Ion:168 Resp: 232704

Ion Ratio Lower Upper

168 100

99 59.8 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

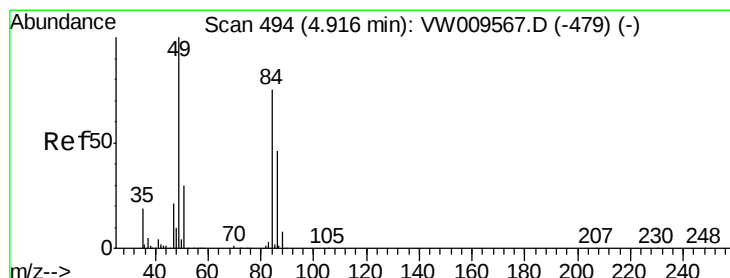
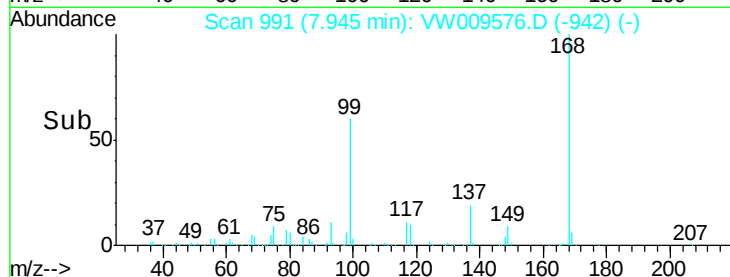
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.863 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009576.D

Acq: 29 Mar 2019 17:20

Tgt Ion: 84 Resp: 17469

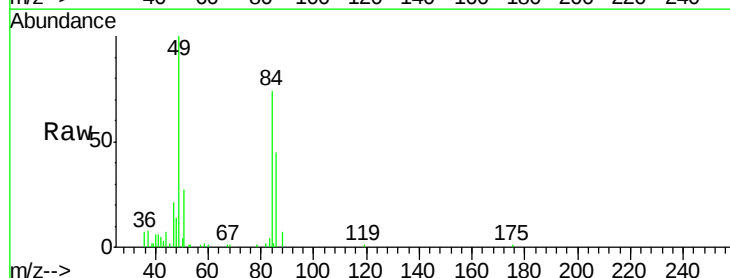
Ion Ratio Lower Upper

84 100

49 135.8 99.1 148.7

51 36.7 28.7 43.1

86 60.7 50.5 75.7



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

8000

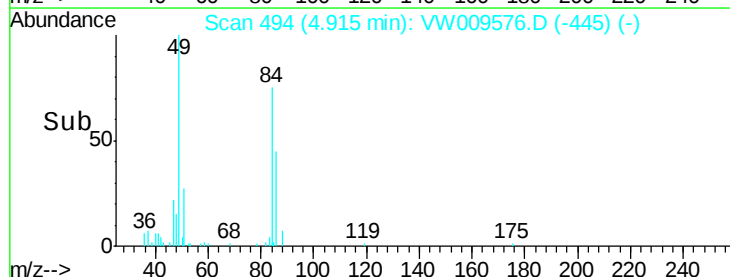
6000

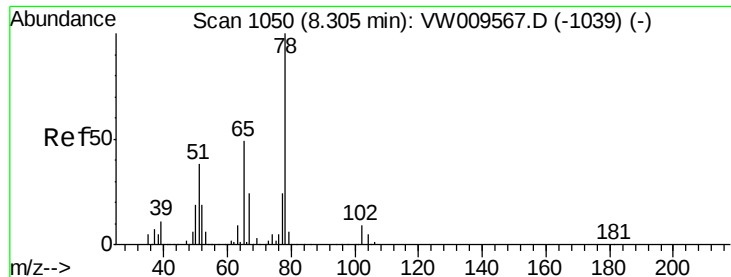
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 62.053 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009576.D

Acq: 29 Mar 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

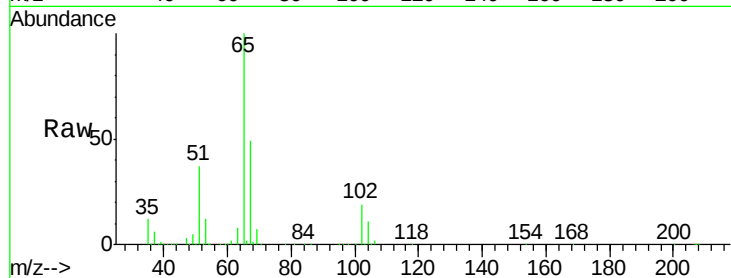
TT-002-IDWSO-20190325

Tot Ion: 65 Resp: 165127

Ion Ratio Lower Upper

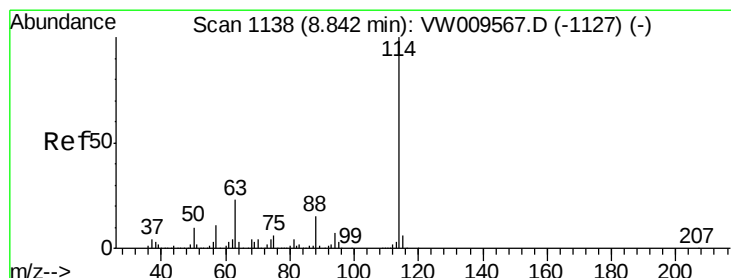
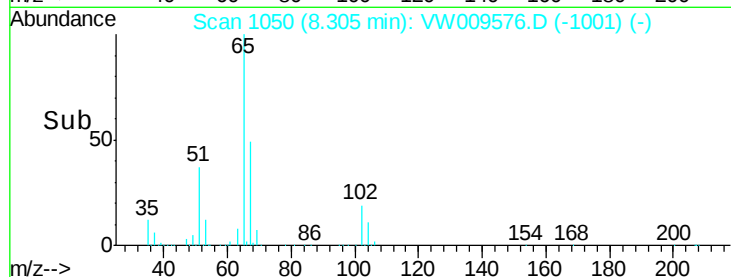
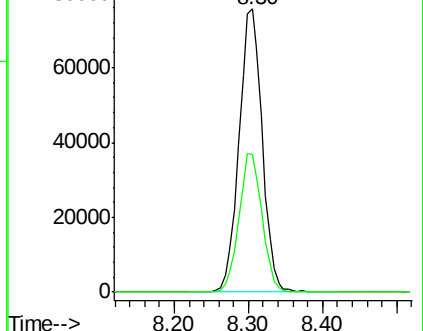
65 100

67 48.8 0.0 102.4



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: VW009576.D

Acq: 29 Mar 2019 17:20

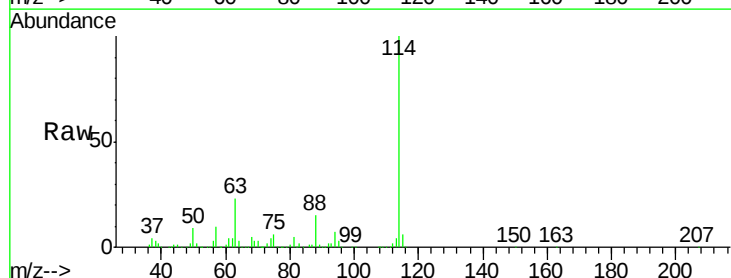
Tgt Ion: 114 Resp: 396362

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.2

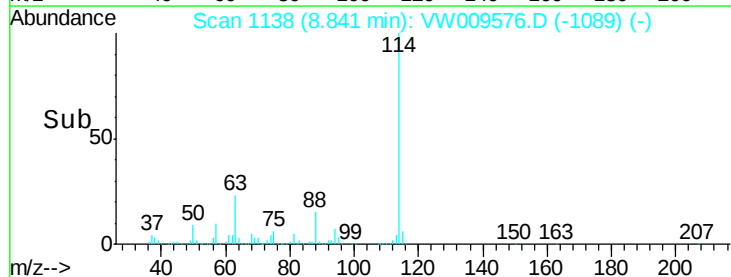
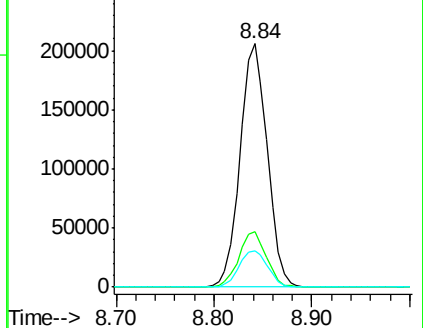
88 15.1 0.0 30.8

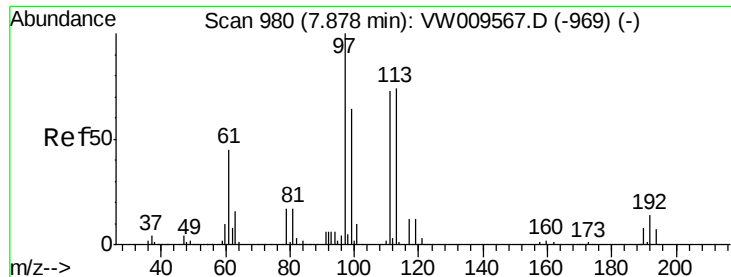


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

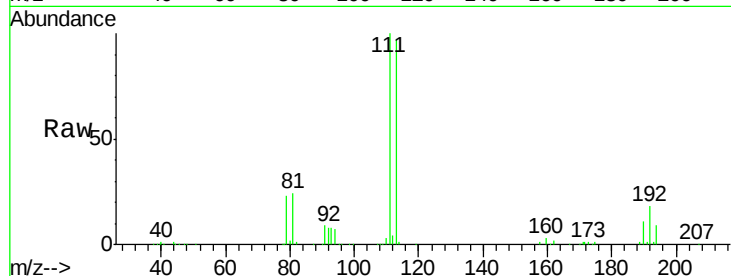




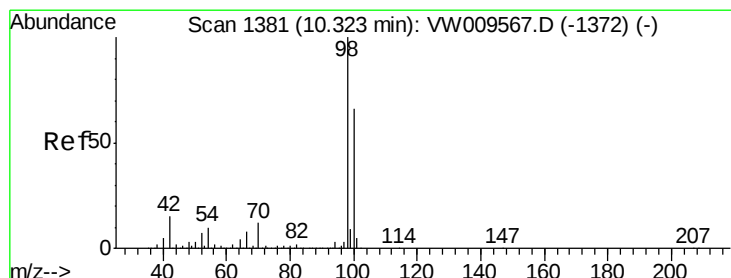
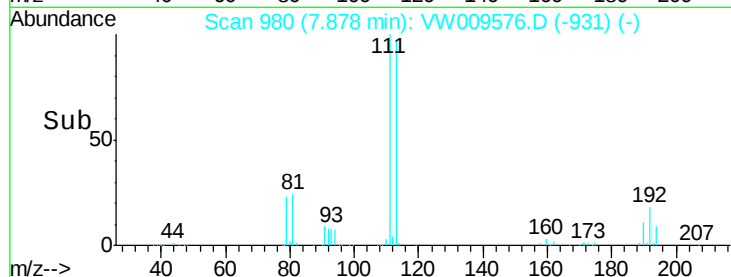
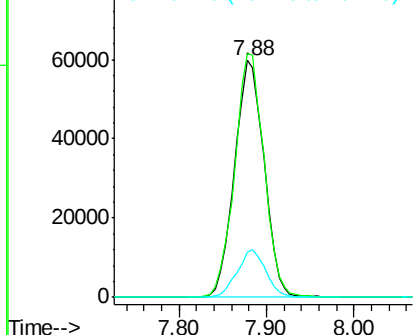
#35
Dibromofluoromethane
Concen: 56.511 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW009576.D
Acq: 29 Mar 2019 17:20

Instrument :
MSVOA_W
ClientSampleId :
TT-002-IDWSO-20190325

Tot Ion:113 Resp: 140683
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.5 16.4 24.6

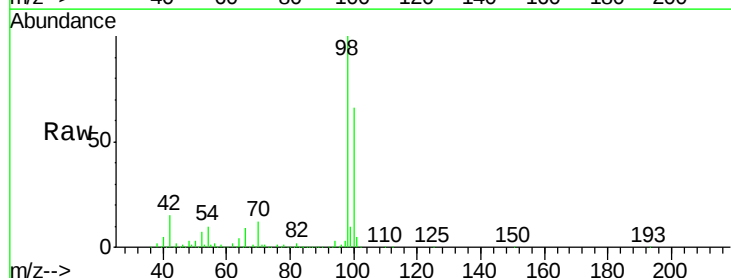


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

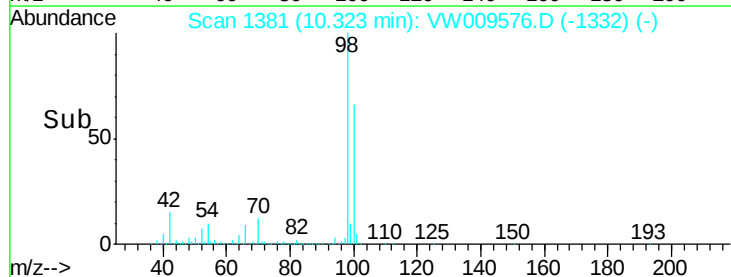
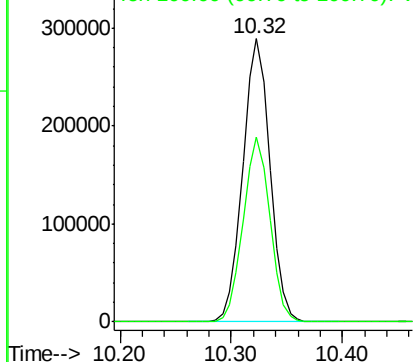


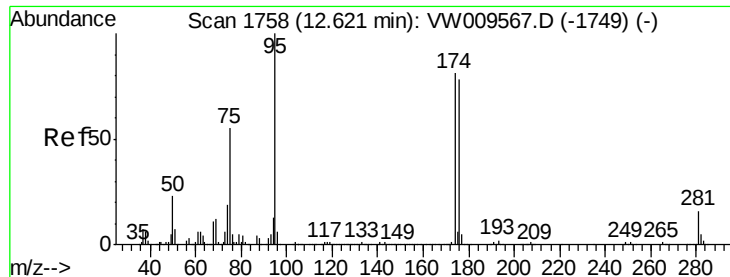
#50
Toluene-d8
Concen: 53.327 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009576.D
Acq: 29 Mar 2019 17:20

Tgt Ion: 98 Resp: 490681
Ion Ratio Lower Upper
98 100
100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 43.864 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009576.D

Acq: 29 Mar 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

TT-002-IDWSO-20190325

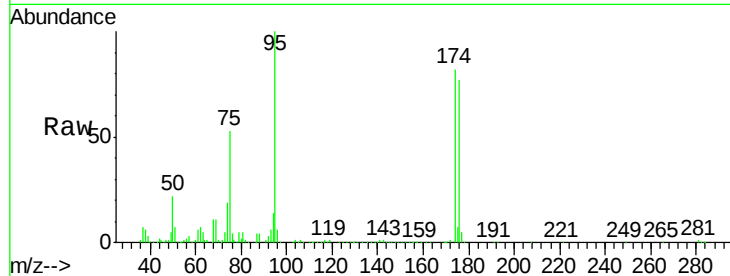
Tot Ion: 95 Resp: 150567

Ion Ratio Lower Upper

95 100

174 81.0 0.0 168.4

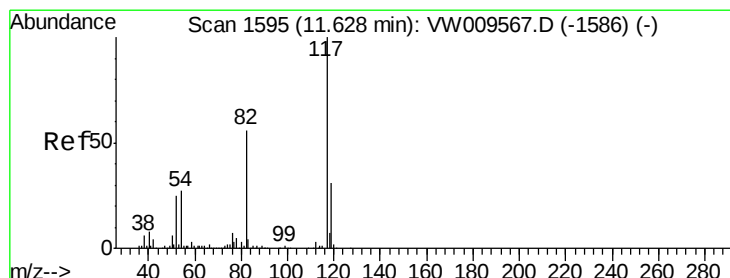
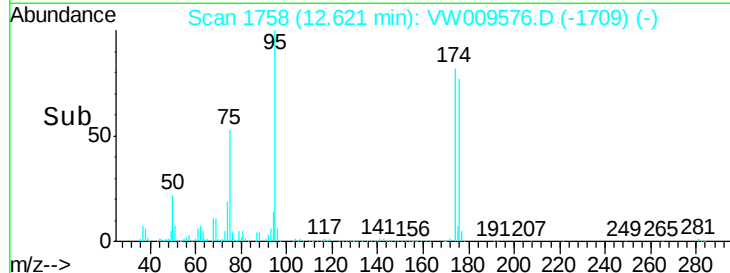
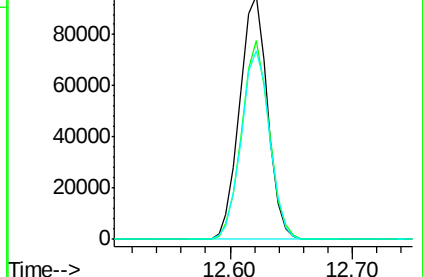
176 78.9 0.0 161.6



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. 0.01 min

Lab File: VW009576.D

Acq: 29 Mar 2019 17:20

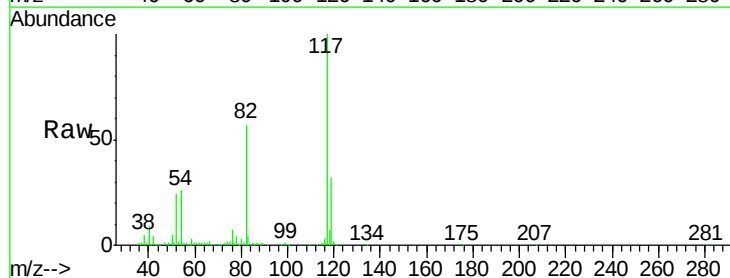
Tgt Ion: 117 Resp: 350614

Ion Ratio Lower Upper

117 100

82 56.7 43.6 65.4

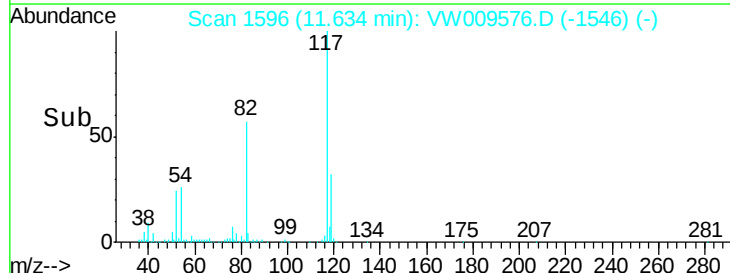
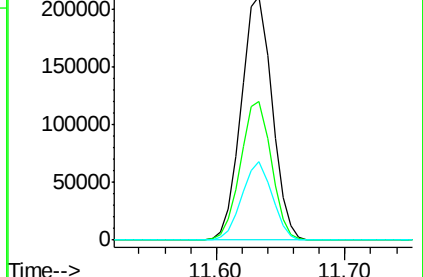
119 32.1 26.0 39.0

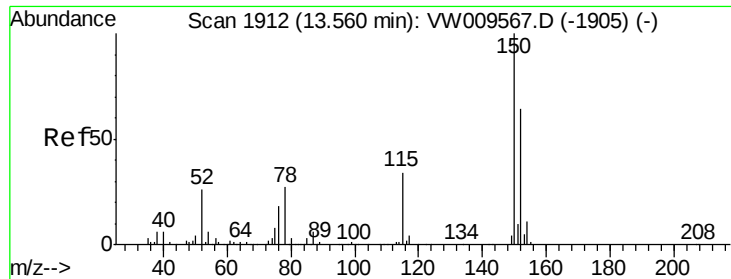


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009576.D

Acq: 29 Mar 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

TT-002-IDW/ISO-20190325

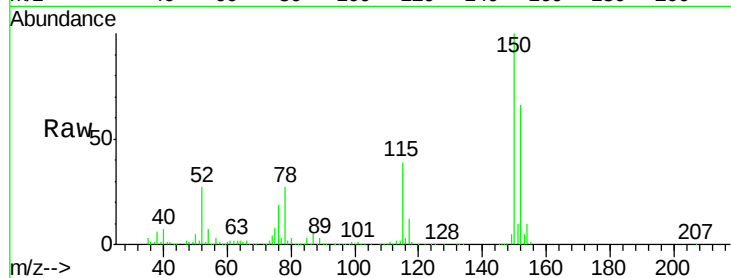
Tot Ion:152 Resp: 147728

Ion Ratio Lower Upper

152 100

115 58.7 29.6 88.8

150 158.1 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

