

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009571.D
 Acq On : 29 Mar 2019 14:53
 Operator : SY/VA
 Sample : VW0329SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBL01

Quant Time: Mar 29 17:07:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:17:27 2019
 Response via : Initial Calibration

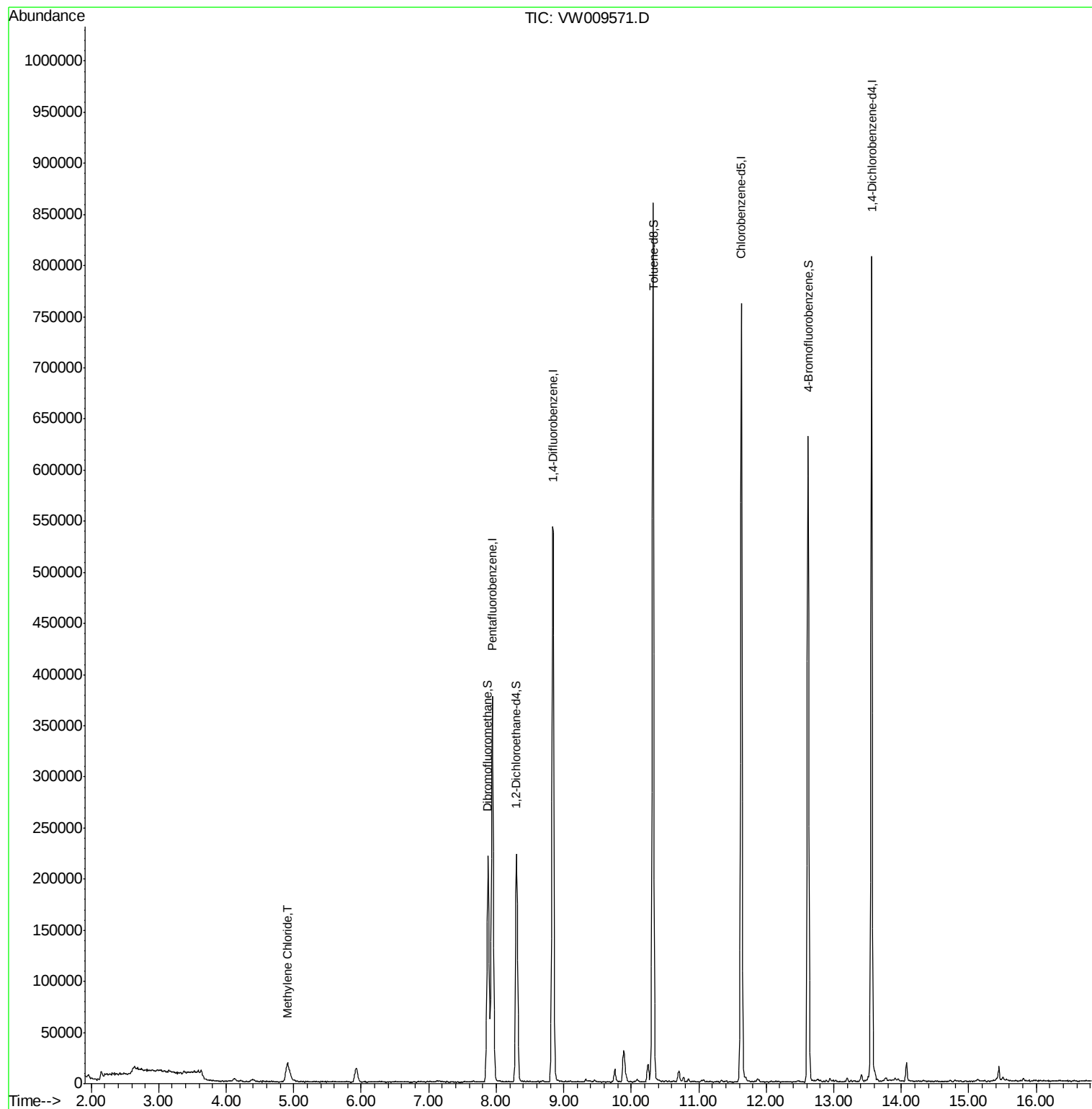
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	185078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	169279	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
35) Dibromofluoromethane	7.88	113	146181	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	10.32	98	530552	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.62	95	180925	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
20) Methylene Chloride	4.91	84	15753	2.147	ug/l #	Qvalue 83

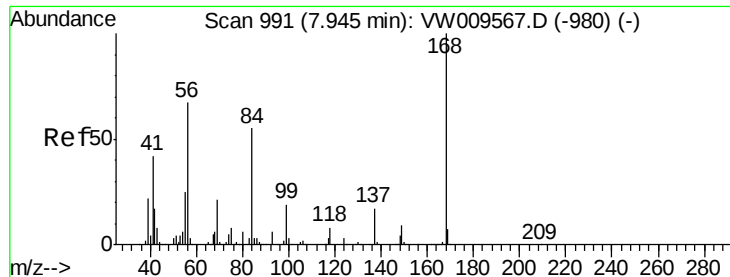
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009571.D

Acq: 29 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

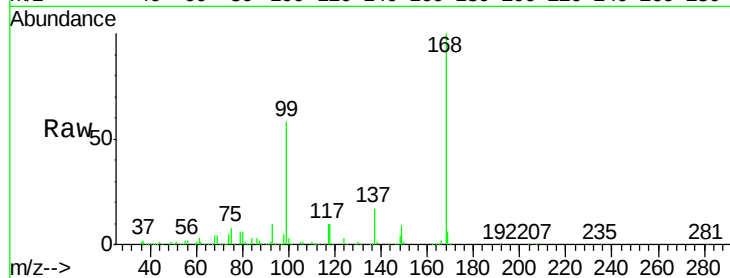
VW0329SBL01

Tot Ion:168 Resp: 266545

Ion Ratio Lower Upper

168 100

99 57.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

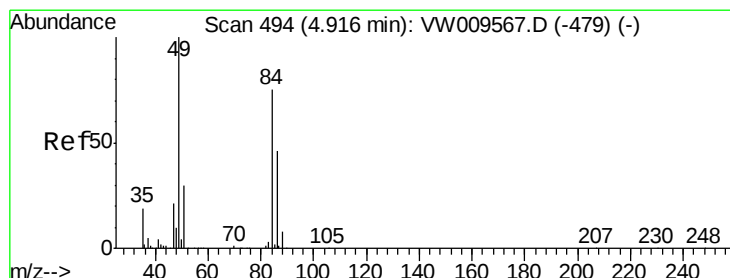
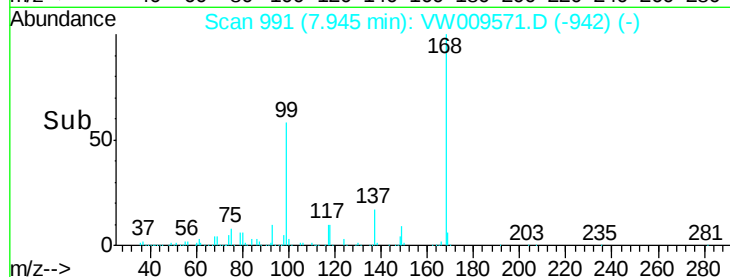
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.147 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW009571.D

Acq: 29 Mar 2019 14:53

Tgt Ion: 84 Resp: 15753

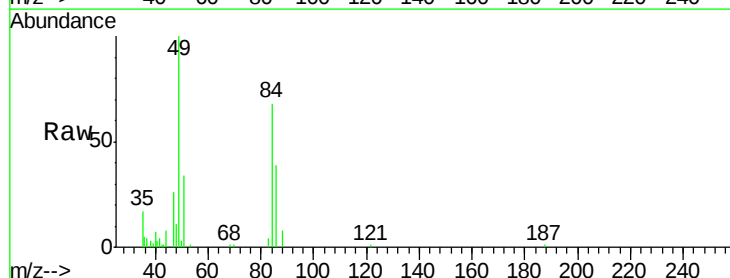
Ion Ratio Lower Upper

84 100

49 147.8 99.1 148.7

51 48.7 28.7 43.1#

86 57.3 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

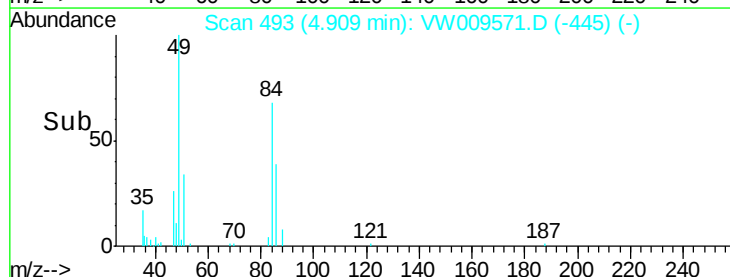
6000

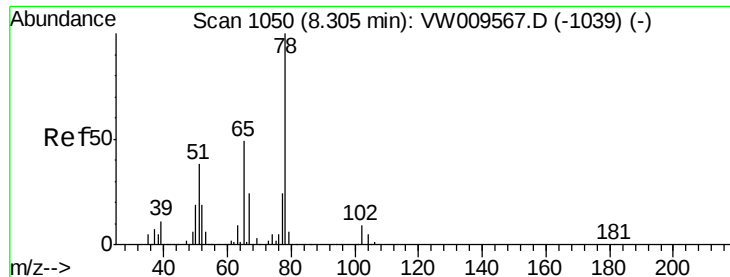
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.537 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009571.D

Acq: 29 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

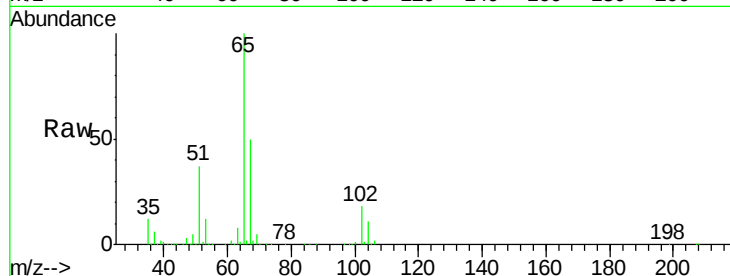
VW0329SBL01

Tot Ion: 65 Resp: 169279

Ion Ratio Lower Upper

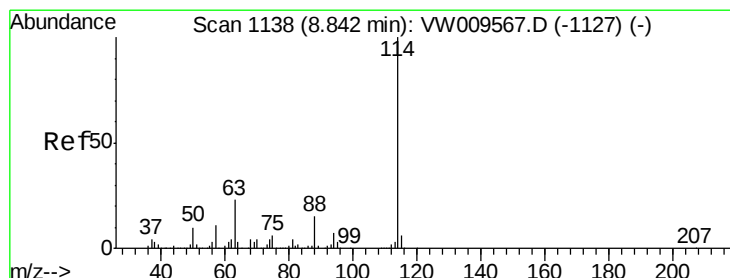
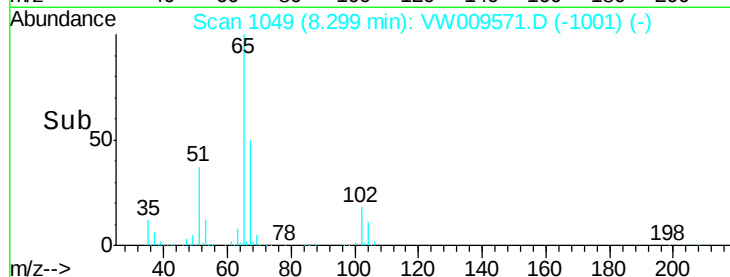
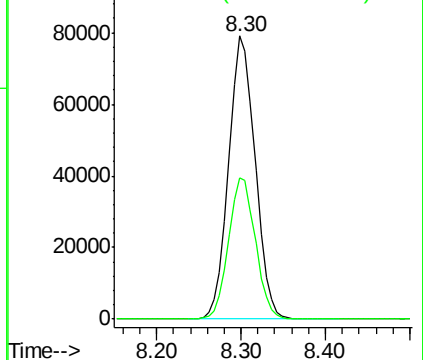
65 100

67 50.4 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: VW009571.D

Acq: 29 Mar 2019 14:53

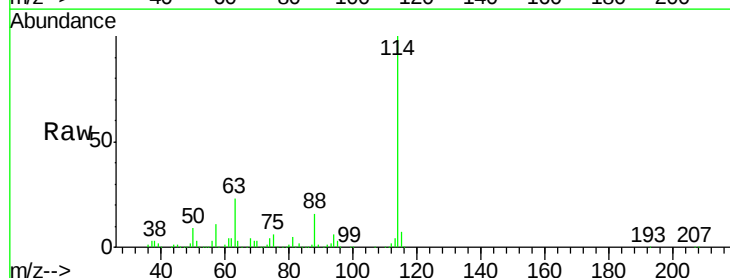
Tgt Ion: 114 Resp: 433116

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

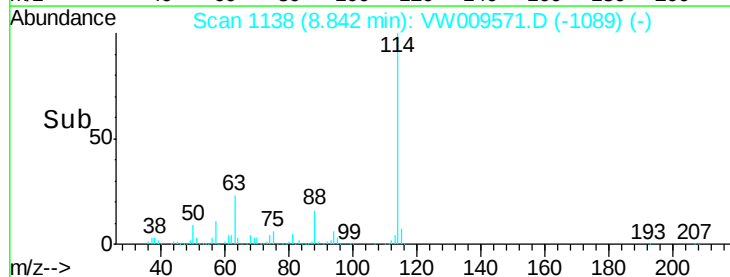
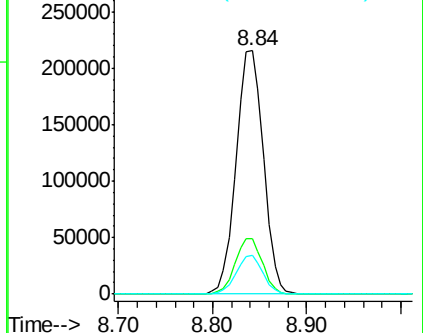
88 16.1 0.0 30.8

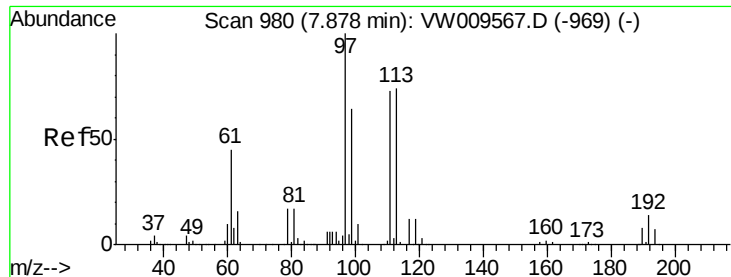


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

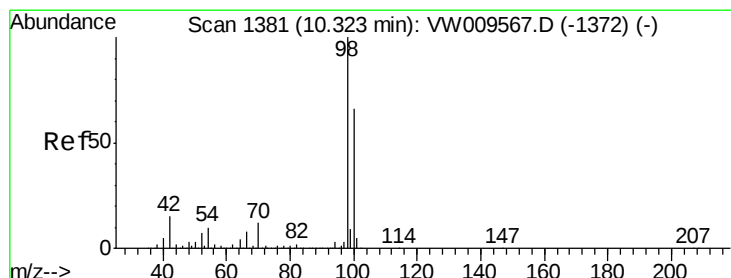
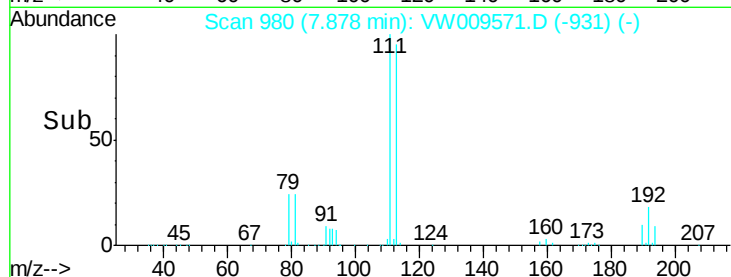
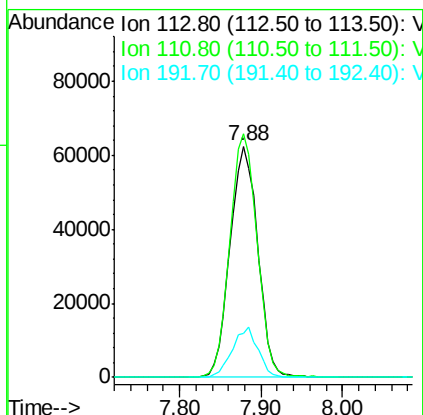
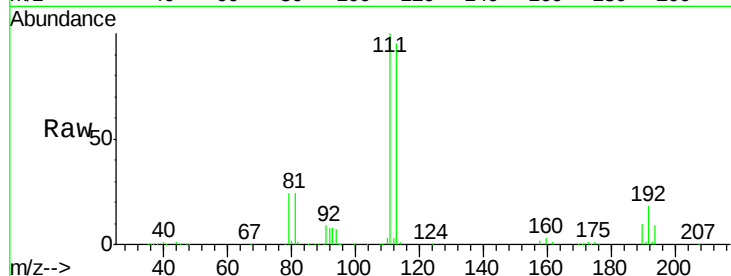




#35
 Dibromofluoromethane
 Concen: 53.737 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW009571.D
 Acq: 29 Mar 2019 14:53

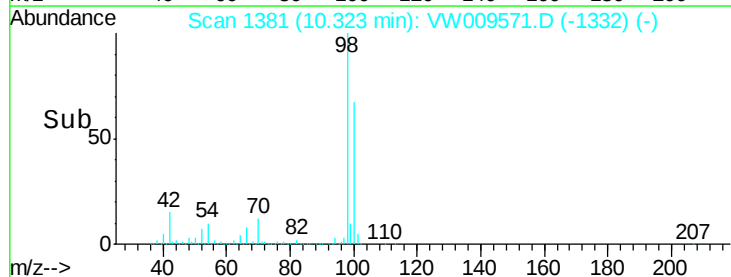
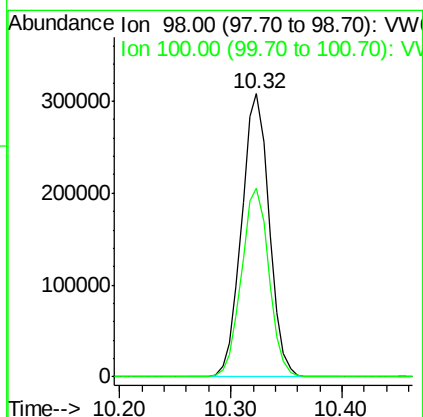
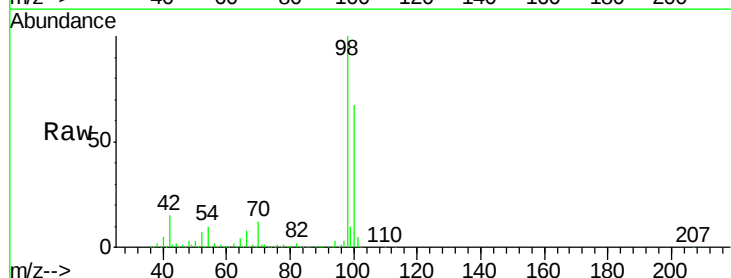
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0329SBL01

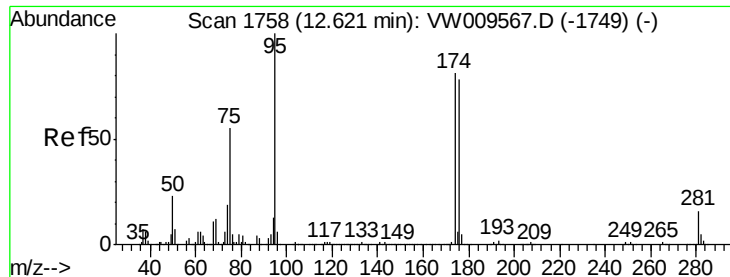
Tot Ion:113 Resp: 146181
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.6 124.0
 192 20.1 16.4 24.6



#50
 Toluene-d8
 Concen: 52.767 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009571.D
 Acq: 29 Mar 2019 14:53

Tgt Ion: 98 Resp: 530552
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 48.235 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009571.D

Acq: 29 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBL01

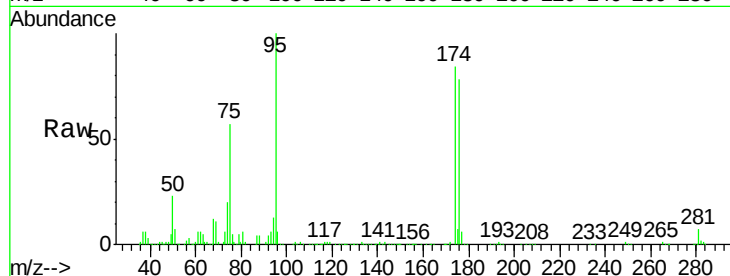
Tot Ion: 95 Resp: 180925

Ion Ratio Lower Upper

95 100

174 81.4 0.0 168.4

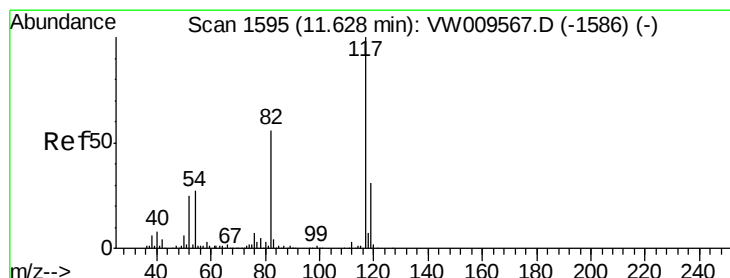
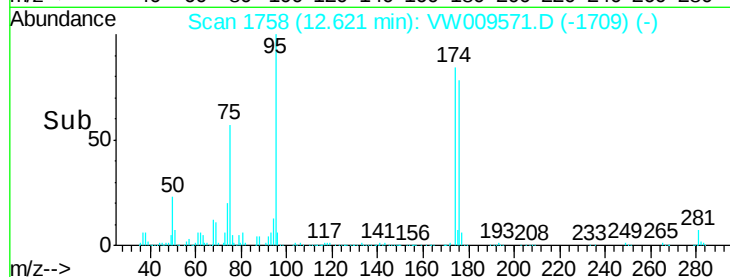
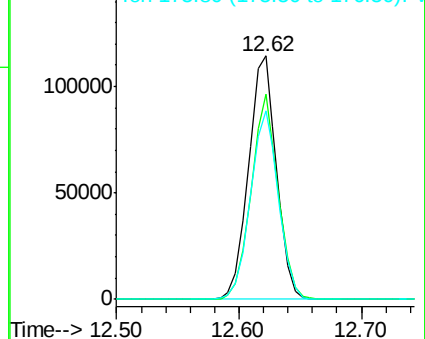
176 77.8 0.0 161.6



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: VW009571.D

Acq: 29 Mar 2019 14:53

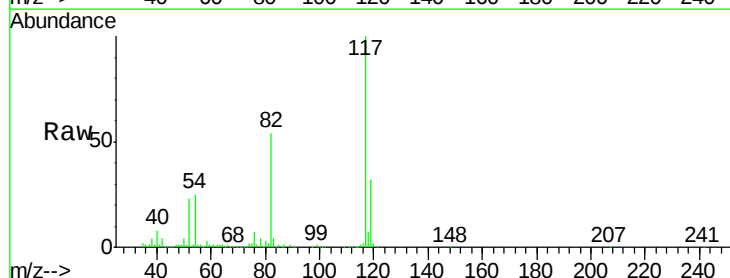
Tgt Ion: 117 Resp: 388799

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

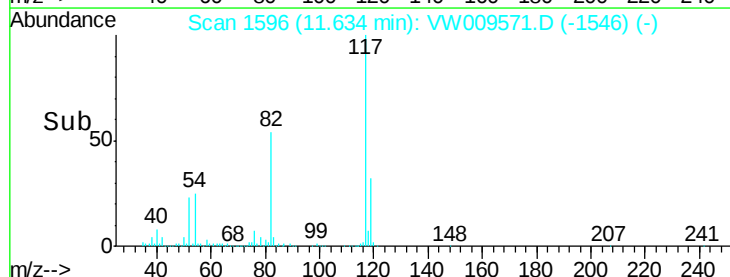
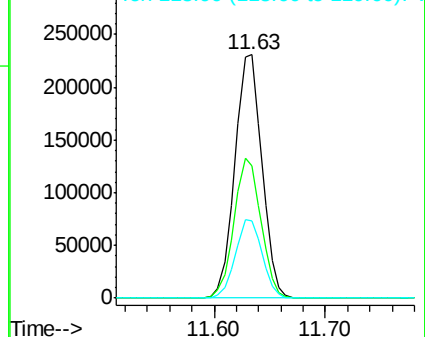
119 31.7 26.0 39.0

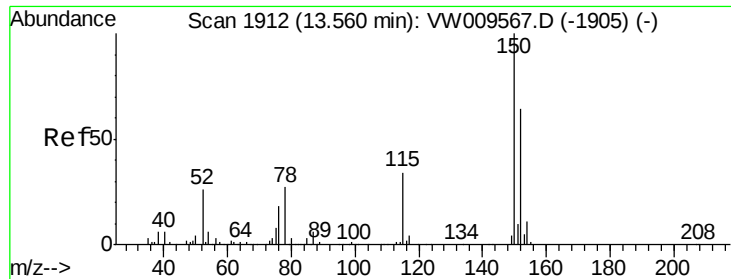


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009571.D

Acq: 29 Mar 2019 14:53

Instrument :

MSVOA_W

ClientSampleId :

VW0329SBL01

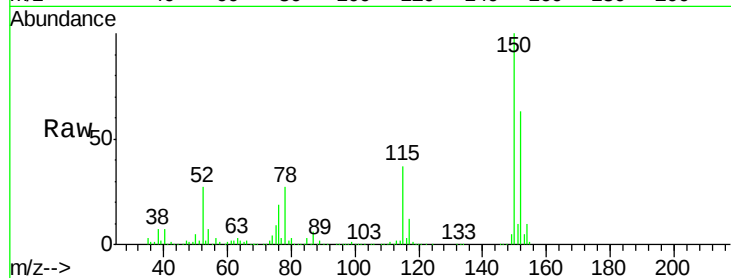
Tot Ion:152 Resp: 185078

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.8

150 159.2 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

