

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008293.D
 Acq On : 15 Jan 2019 20:29
 Operator : SY/VA
 Sample : K1147-25
 Misc : 8.05G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9

Quant Time: Jan 16 03:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

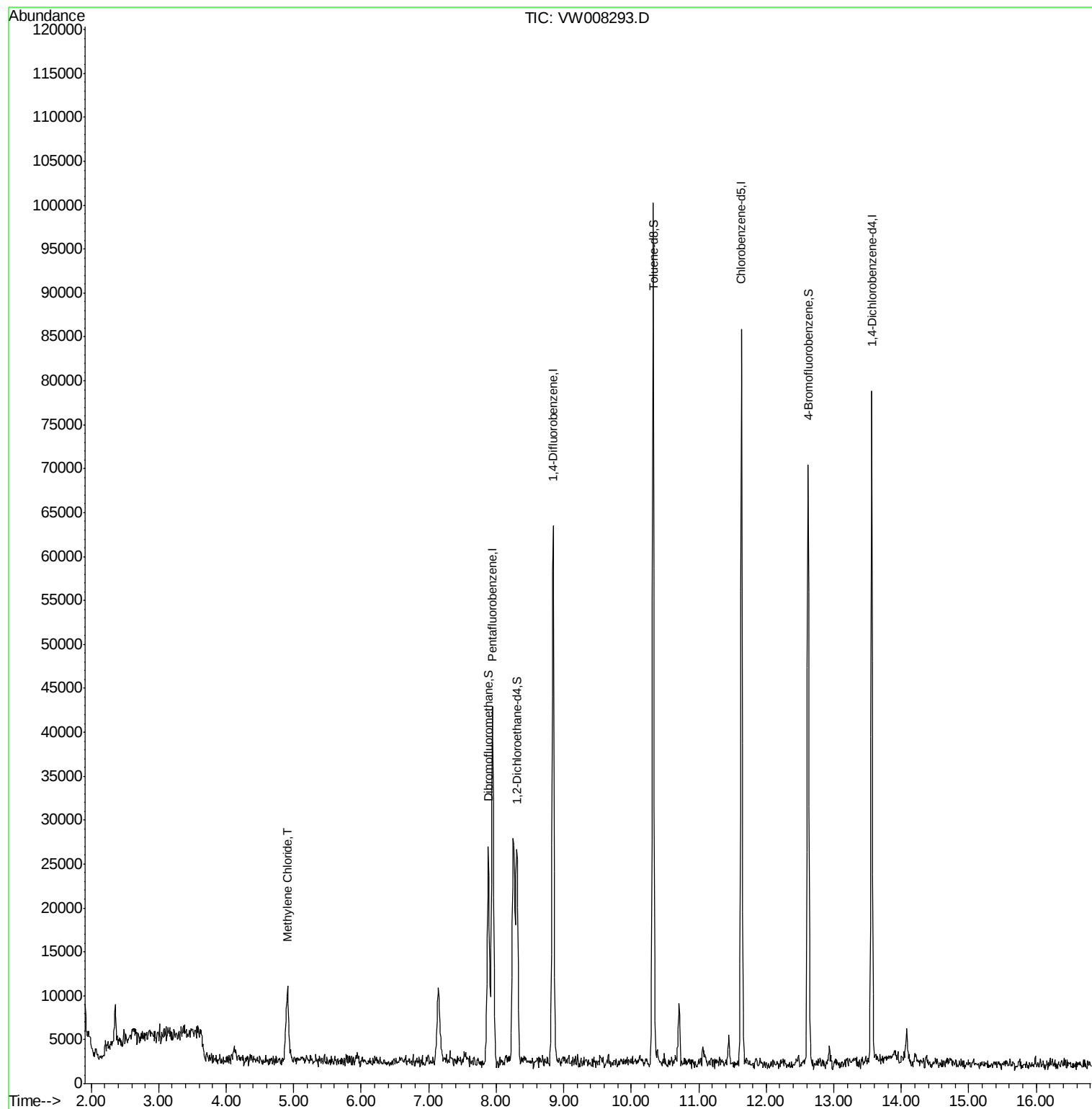
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	27997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	49663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	43712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18939	60.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.38%	
35) Dibromofluoromethane	7.88	113	16740	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.58%	
50) Toluene-d8	10.32	98	62846	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	20094	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
20) Methylene Chloride	4.91	84	5668	14.922	ug/l #	Qvalue 90

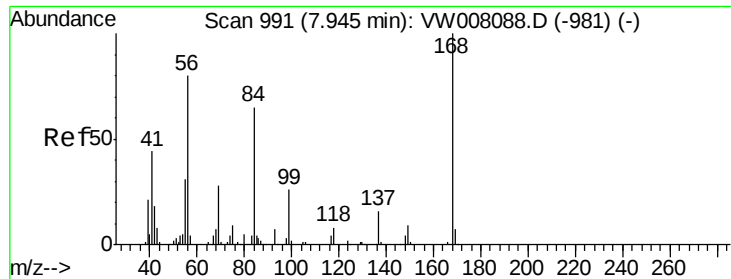
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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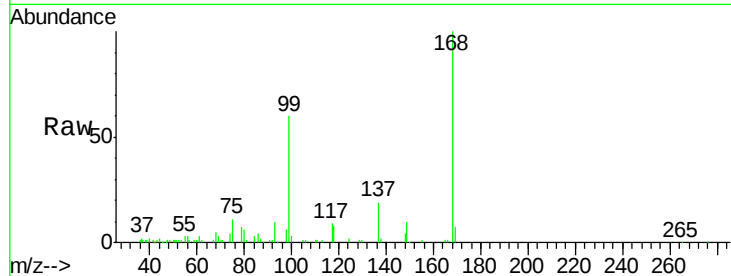
TP-9

Tot Ion:168 Resp: 27997

Ion Ratio Lower Upper

168 100

99 60.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

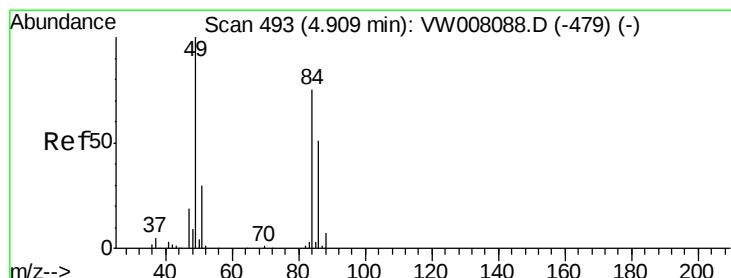
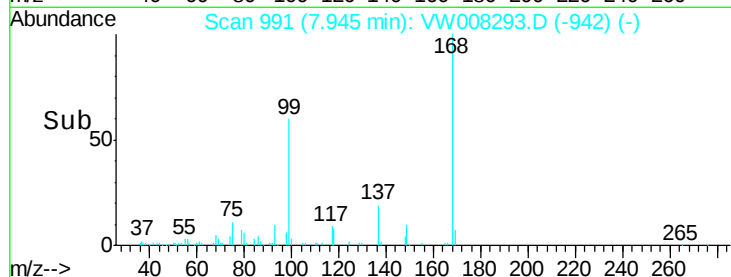
15000

10000

5000

0

Time-->



#20

Methylene Chloride

Concen: 14.922 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008293.D

Acq: 15 Jan 2019 20:29

Tgt Ion: 84 Resp: 5668

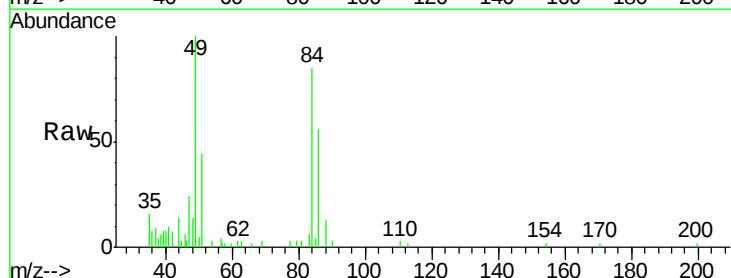
Ion Ratio Lower Upper

84 100

49 117.8 107.1 160.7

51 48.8 32.4 48.6#

86 66.1 54.2 81.4



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

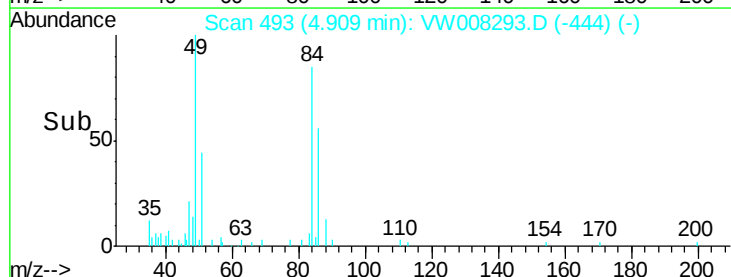
3000

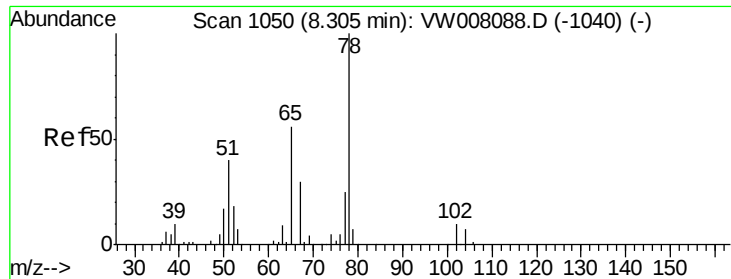
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.188 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008293.D

Acq: 15 Jan 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

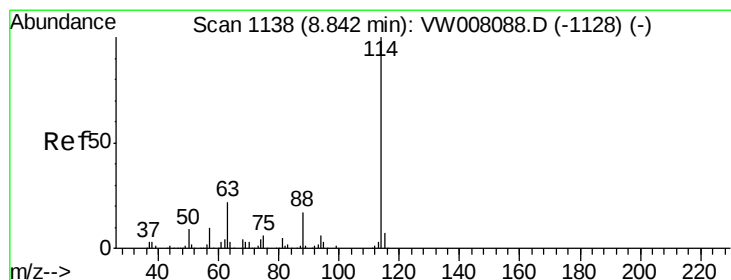
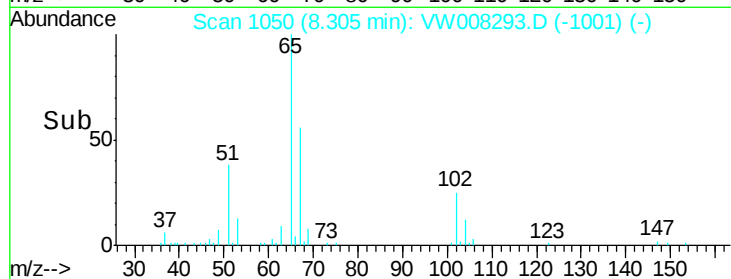
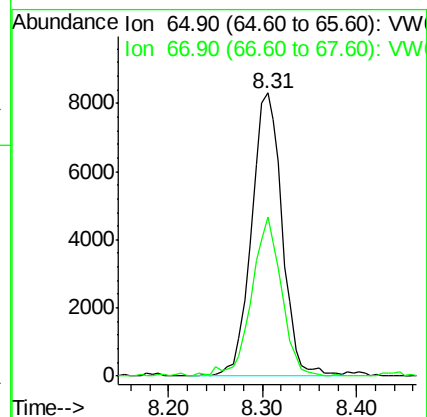
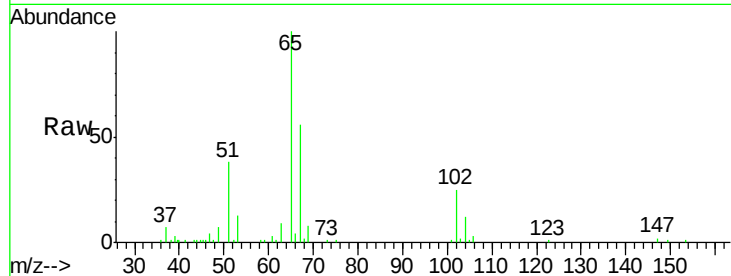
TP-9

Tot Ion: 65 Resp: 18939

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008293.D

Acq: 15 Jan 2019 20:29

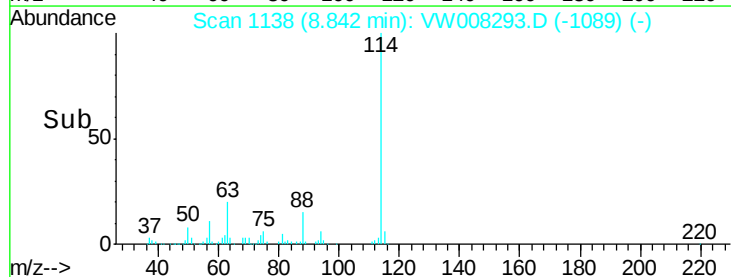
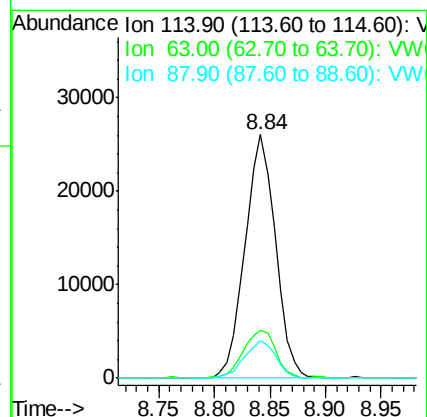
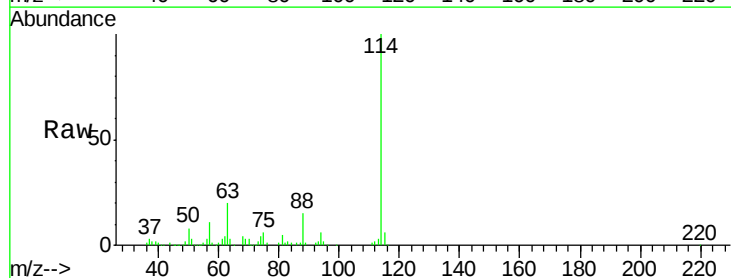
Tgt Ion: 114 Resp: 49663

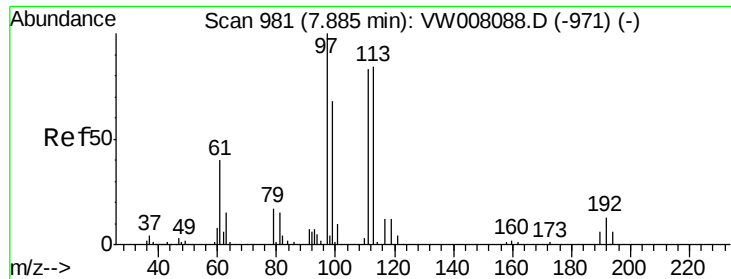
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.4

88 15.2 0.0 33.4

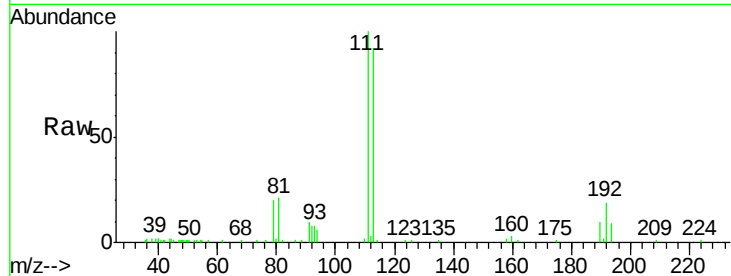




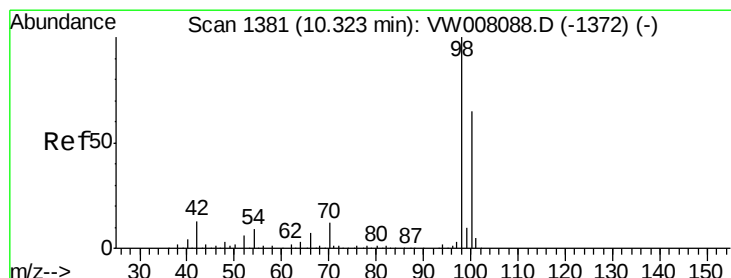
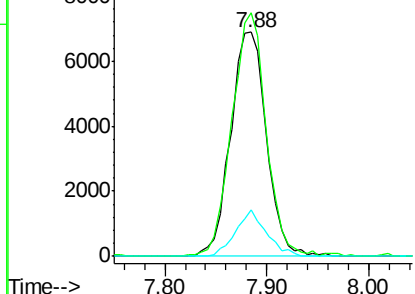
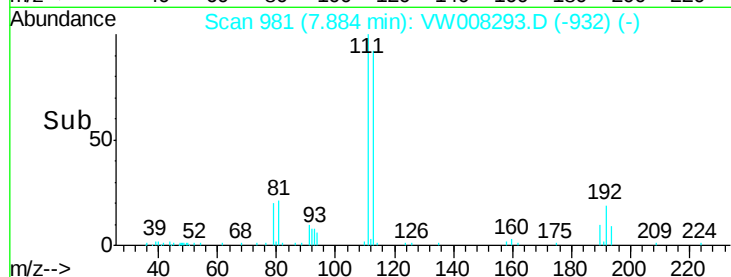
#35
 Dibromofluoromethane
 Concen: 57.793 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008293.D
 Acq: 15 Jan 2019 20:29

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-9

Tot Ion:113 Resp: 16740
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.8 122.8
 192 17.8 12.8 19.2

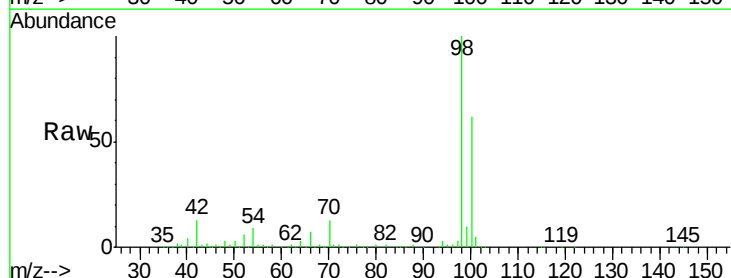


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

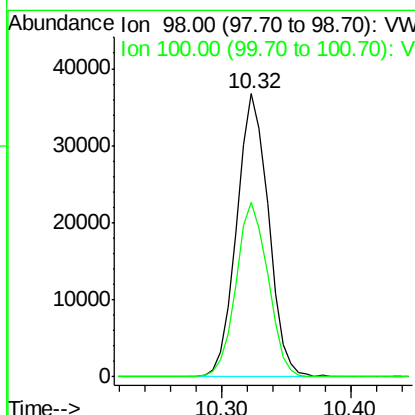
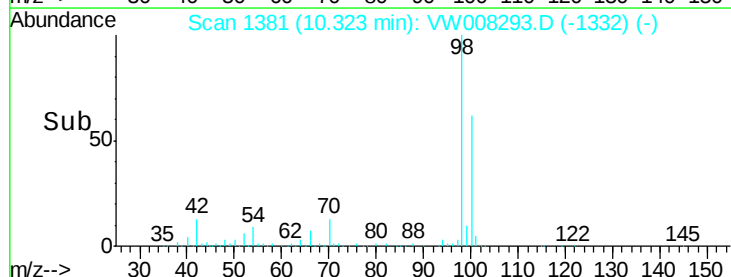


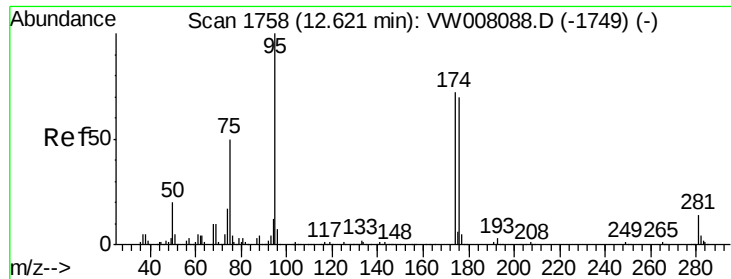
#50
 Toluene-d8
 Concen: 51.704 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008293.D
 Acq: 15 Jan 2019 20:29

Tgt Ion: 98 Resp: 62846
 Ion Ratio Lower Upper
 98 100
 100 61.9 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 46.113 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008293.D

Acq: 15 Jan 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

TP-9

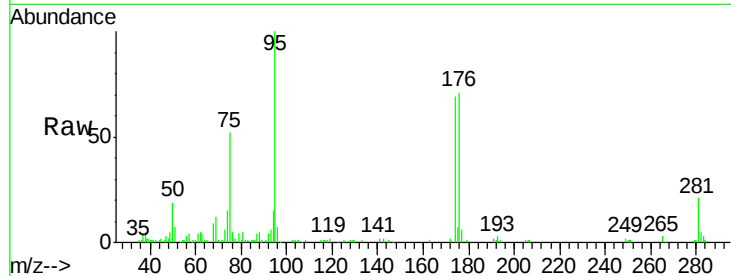
Tot Ion: 95 Resp: 20094

Ion Ratio Lower Upper

95 100

174 72.5 0.0 143.0

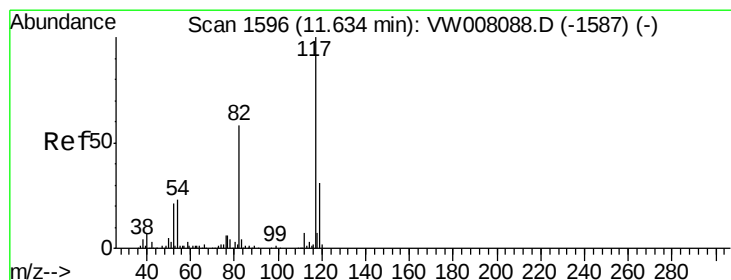
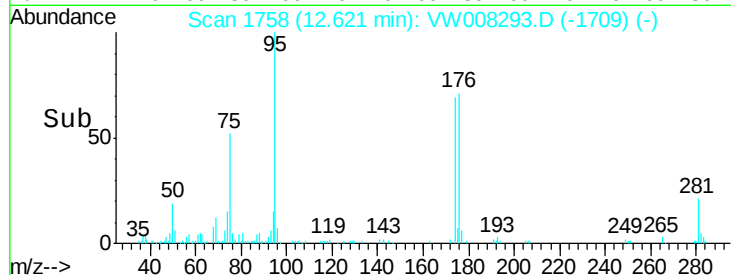
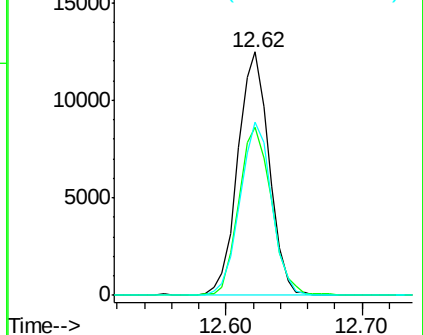
176 71.8 0.0 140.2



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# 1596

Delta R.T. -0.00 min

Lab File: VW008293.D

Acq: 15 Jan 2019 20:29

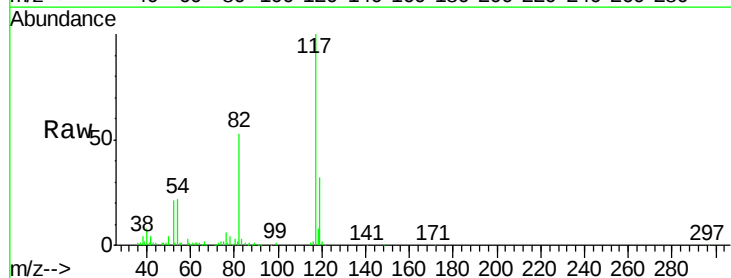
Tgt Ion: 117 Resp: 43712

Ion Ratio Lower Upper

117 100

82 53.4 46.4 69.6

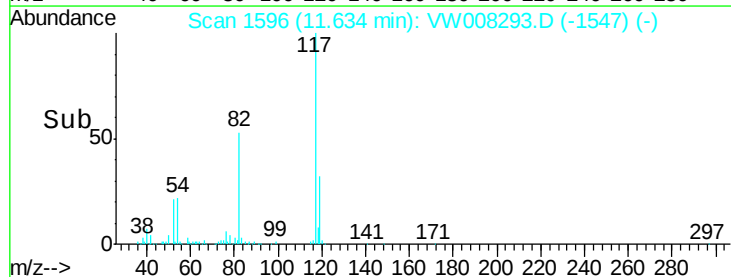
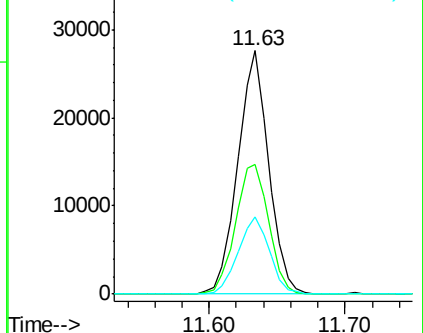
119 31.6 24.7 37.1

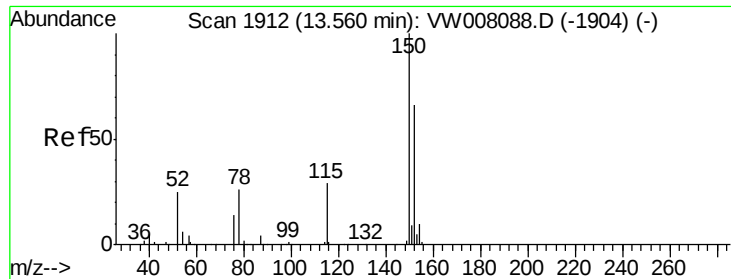


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW008293.D

Acq: 15 Jan 2019 20:29

Instrument :

MSVOA_W

ClientSampleId :

TP-9

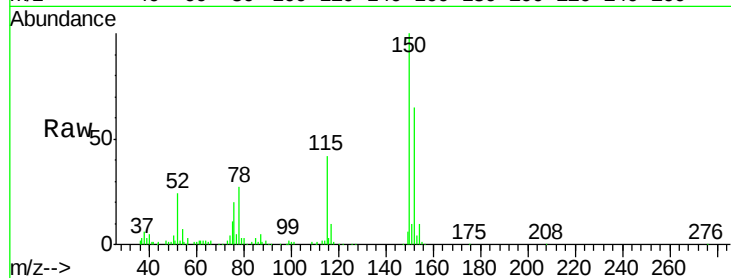
Tot Ion:152 Resp: 18970

Ion Ratio Lower Upper

152 100

115 60.2 30.8 92.4

150 159.8 0.0 350.2



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

