

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008253.D
 Acq On : 14 Jan 2019 17:58
 Operator : SY/VA
 Sample : K1015-07
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-011119-B

Quant Time: Jan 14 22:02:20 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

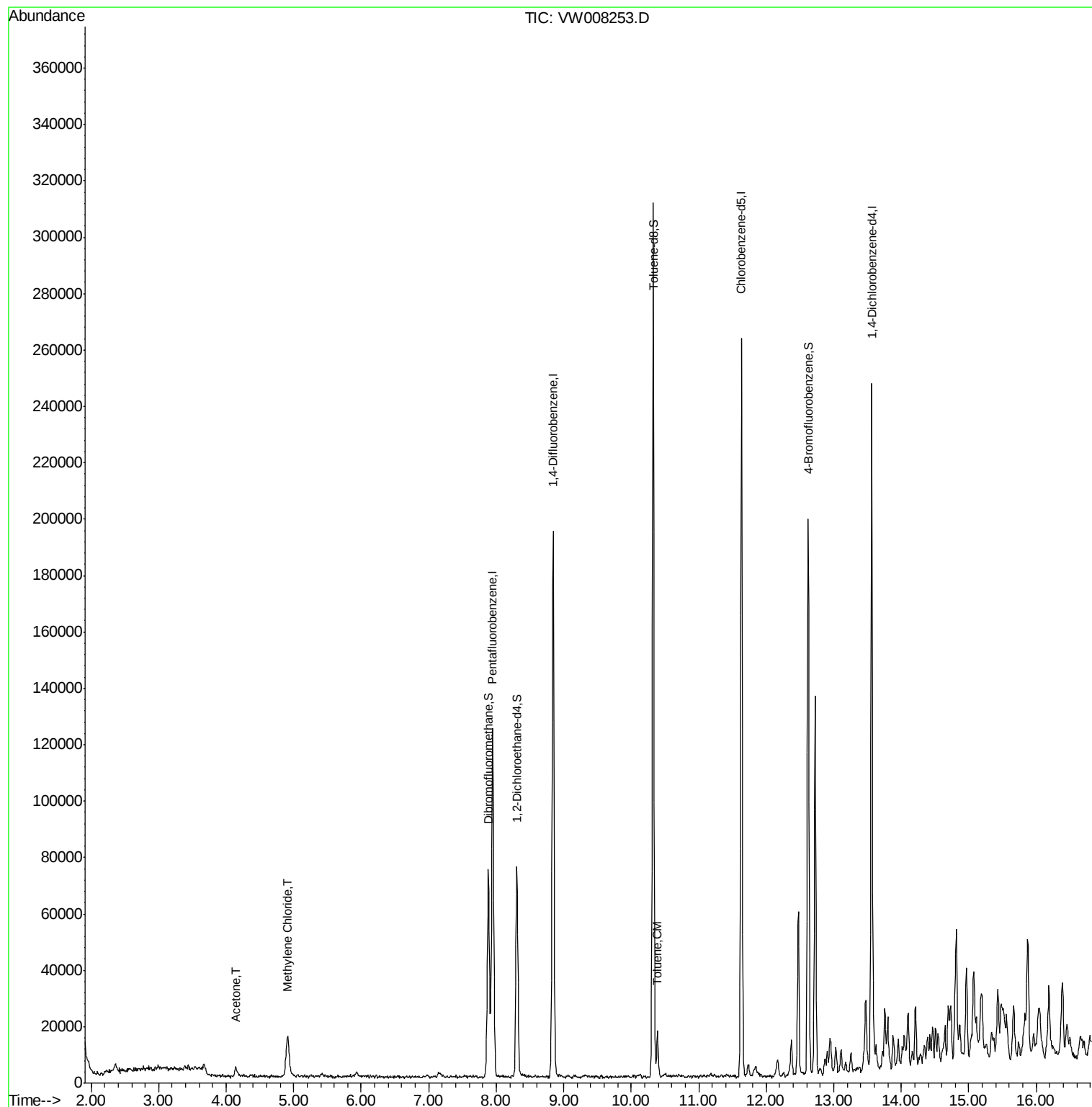
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	162533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53588	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
35) Dibromofluoromethane	7.88	113	52181	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
50) Toluene-d8	10.32	98	203155	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.62	95	65376	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	4.14	43	5176	7.880	ug/l	92
20) Methylene Chloride	4.91	84	11459	7.364	ug/l #	91
52) Toluene	10.39	92	6595	2.274	ug/l	100

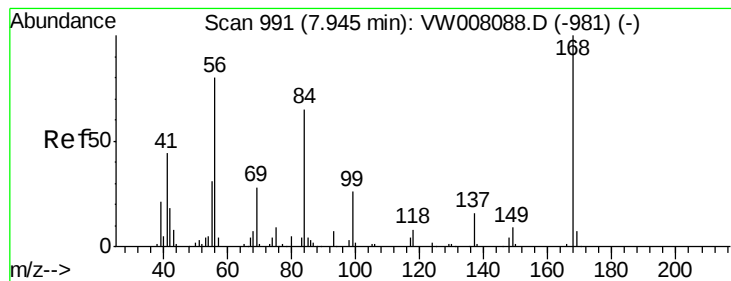
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008253.D

Acq: 14 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

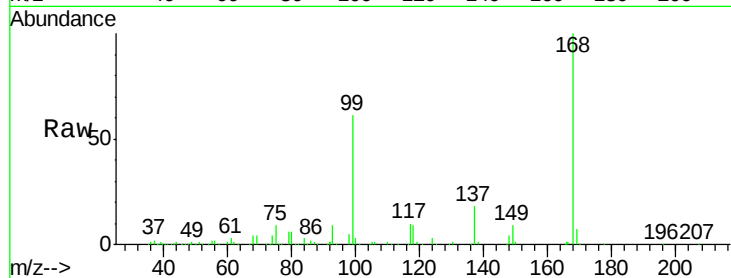
SU-02-011119-B

Tot Ion:168 Resp: 90331

Ion Ratio Lower Upper

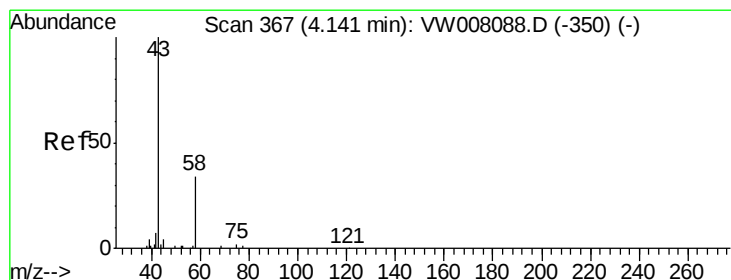
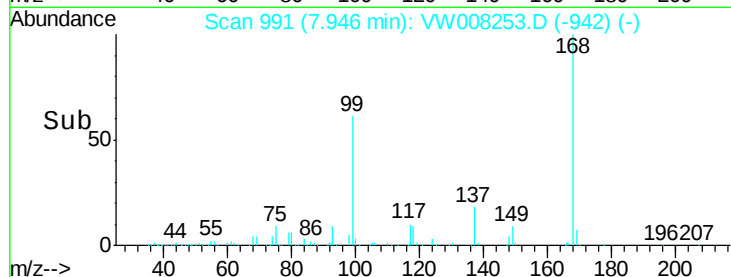
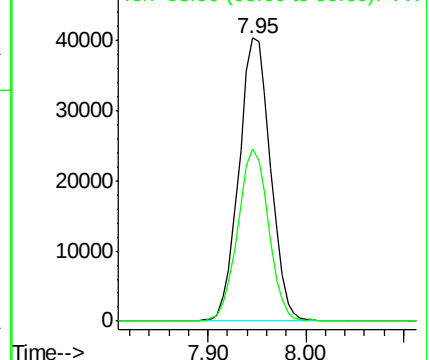
168 100

99 61.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.880 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW008253.D

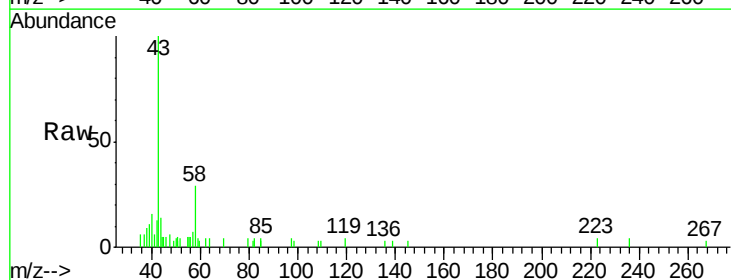
Acq: 14 Jan 2019 17:58

Tgt Ion: 43 Resp: 5176

Ion Ratio Lower Upper

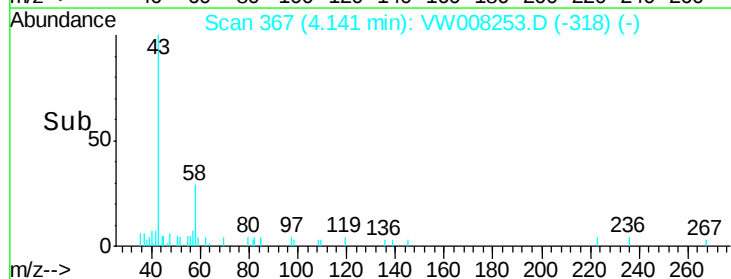
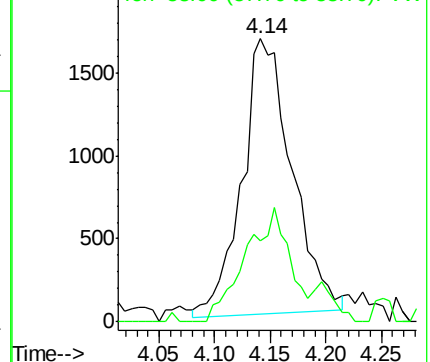
43 100

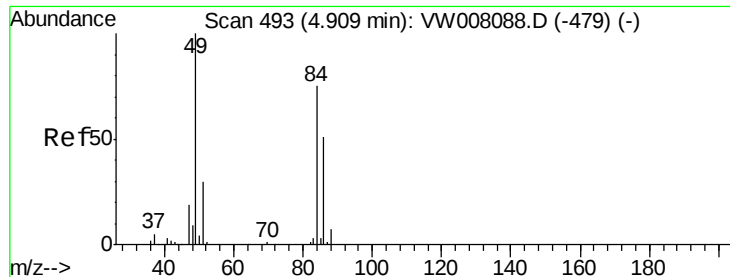
58 29.8 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

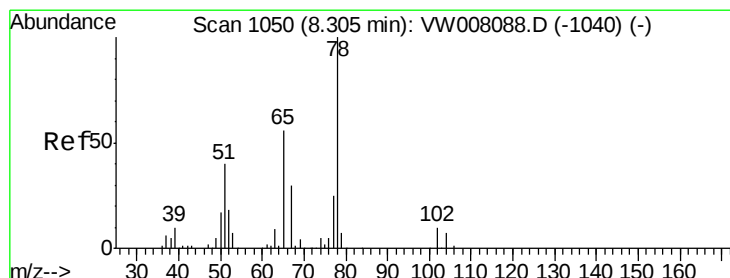
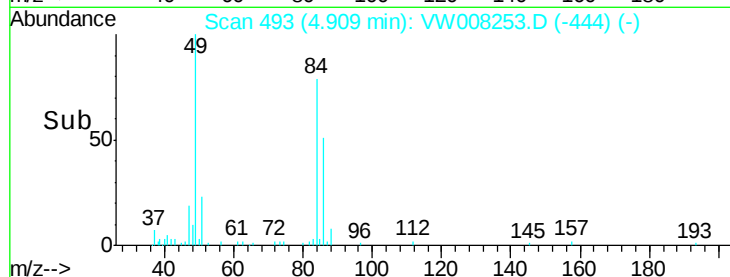
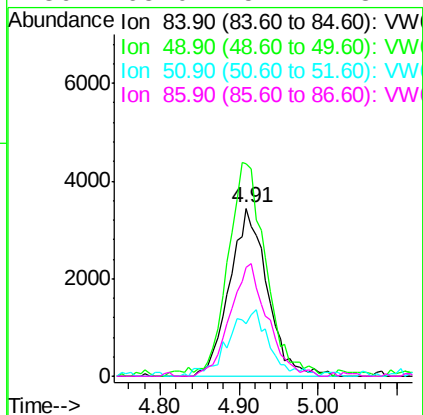
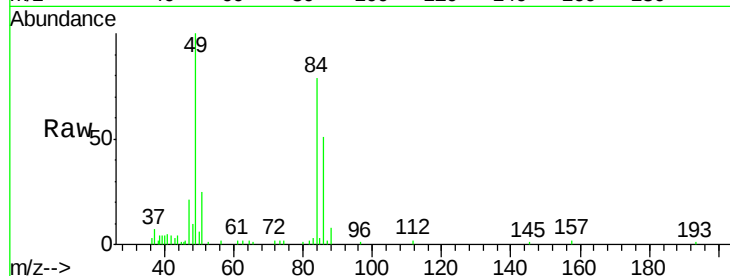




#20
Methylene Chloride
Concen: 7.364 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008253.D
Acq: 14 Jan 2019 17:58

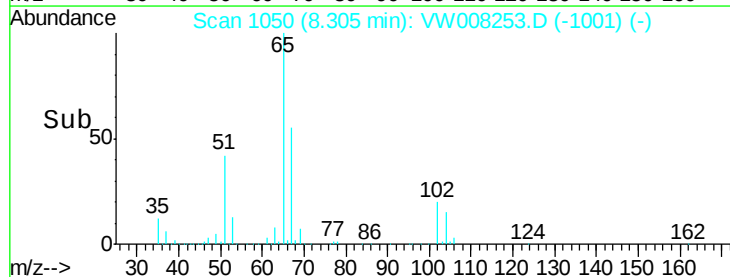
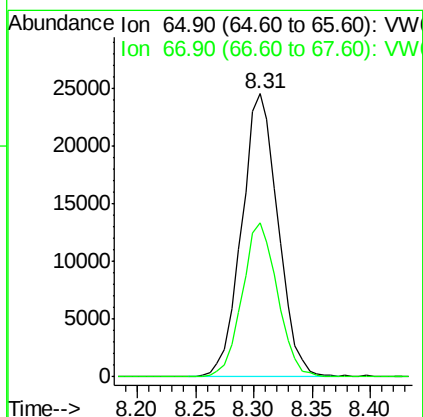
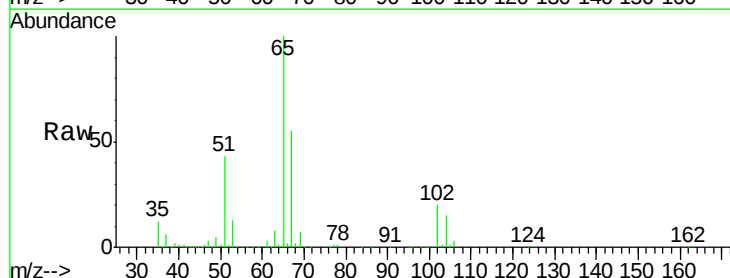
Instrument :
MSVOA_W
ClientSampleId :
SU-02-011119-B

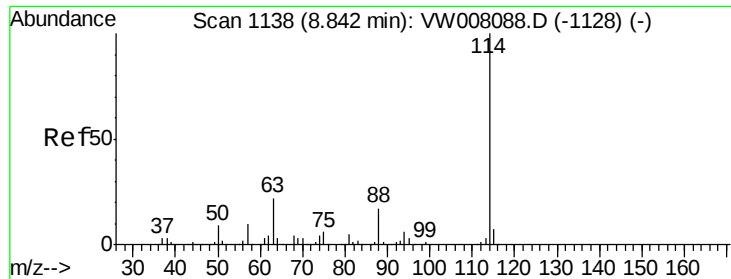
Tot Ion: 84 Resp: 11459
Ion Ratio Lower Upper
84 100
49 121.4 107.1 160.7
51 31.2 32.4 48.6#
86 65.0 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 52.783 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008253.D
Acq: 14 Jan 2019 17:58

Tgt Ion: 65 Resp: 53588
Ion Ratio Lower Upper
65 100
67 52.9 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: VW008253.D

Acq: 14 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

SU-02-011119-B

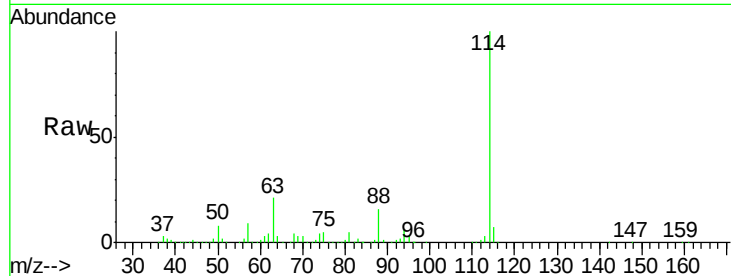
Tot Ion:114 Resp: 162533

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

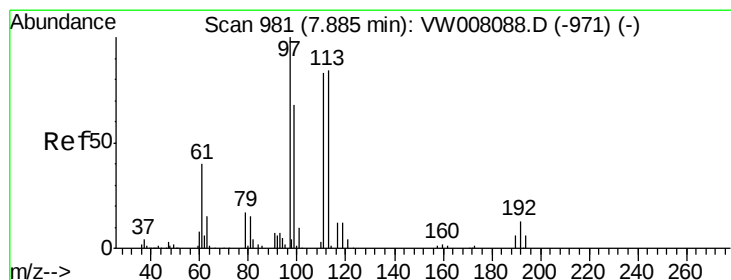
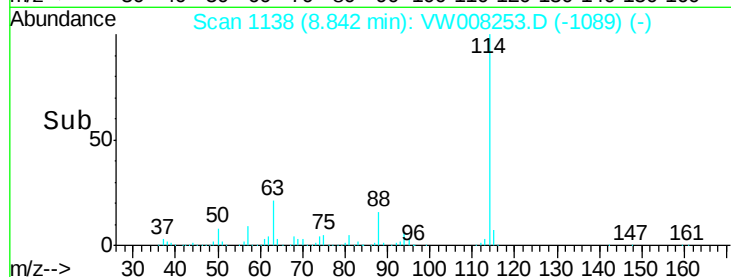
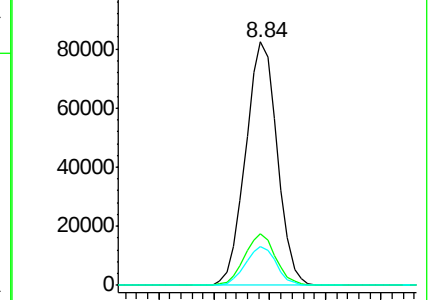
88 15.8 0.0 33.4



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: 55.046 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008253.D

Acq: 14 Jan 2019 17:58

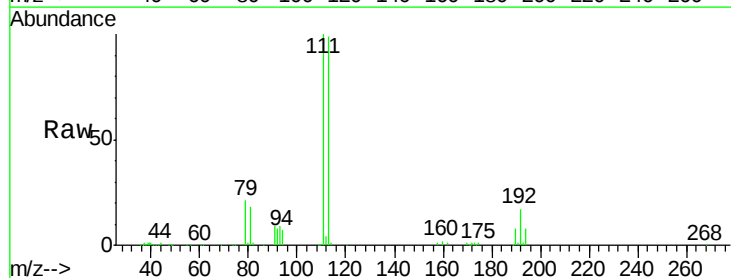
Tgt Ion:113 Resp: 52181

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

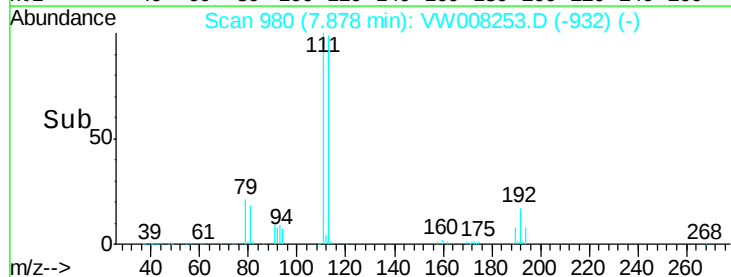
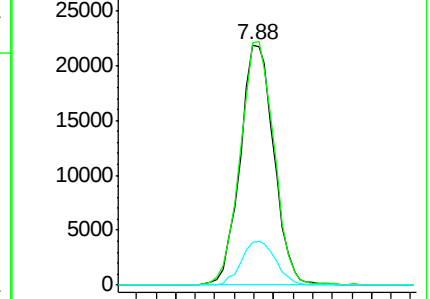
192 18.6 12.8 19.2

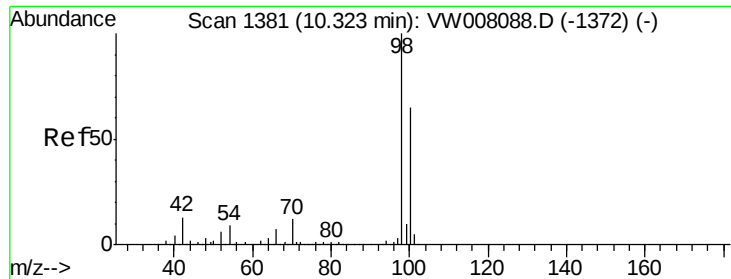


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

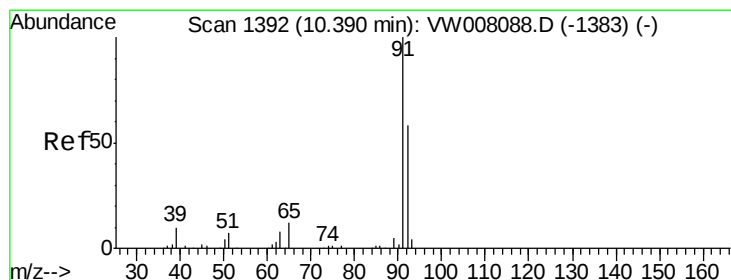
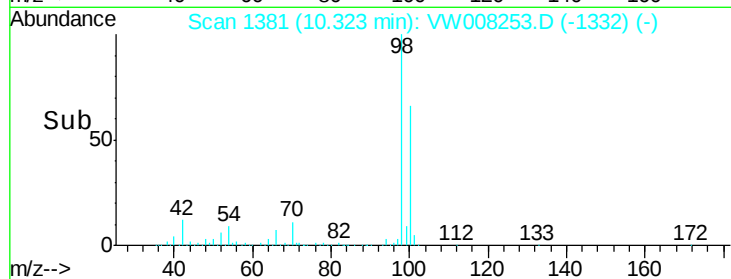
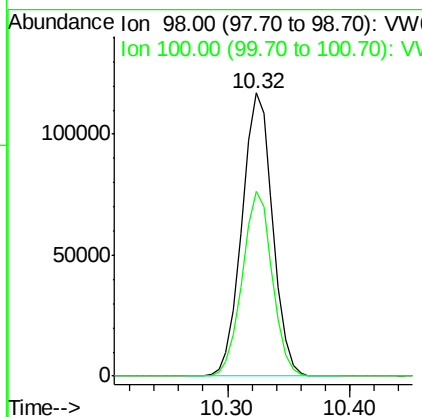
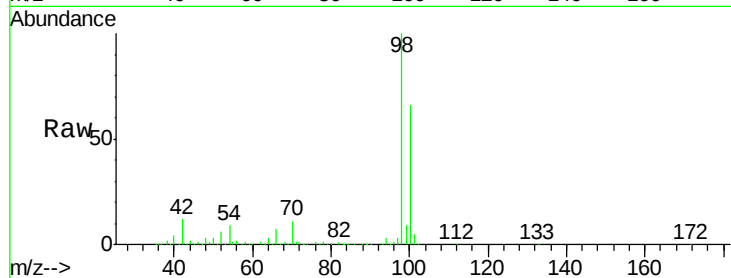




#50
Toluene-d8
Concen: 51.070 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008253.D
Acq: 14 Jan 2019 17:58

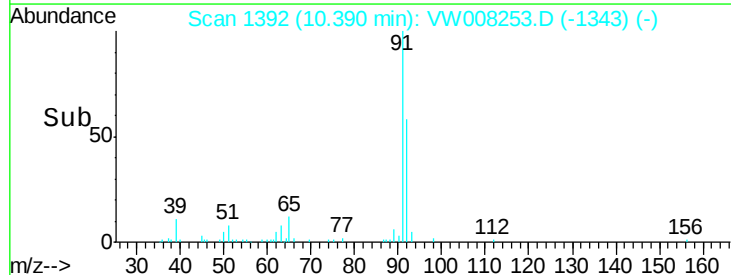
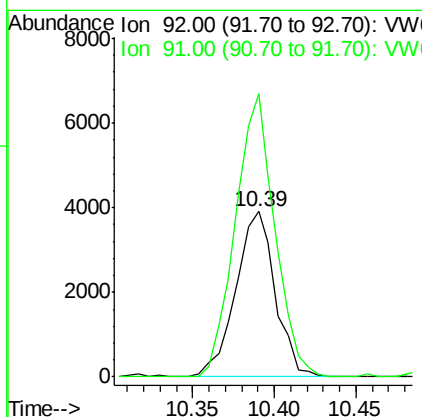
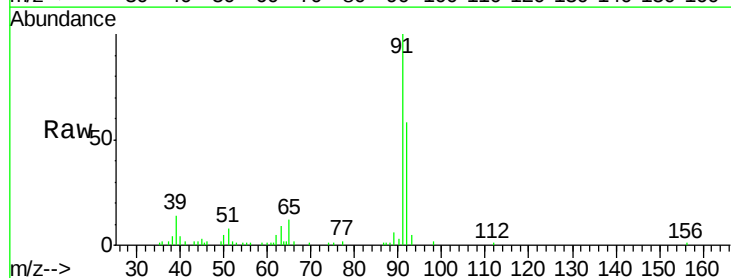
Instrument :
MSVOA_W
ClientSampled :
SU-02-011119-B

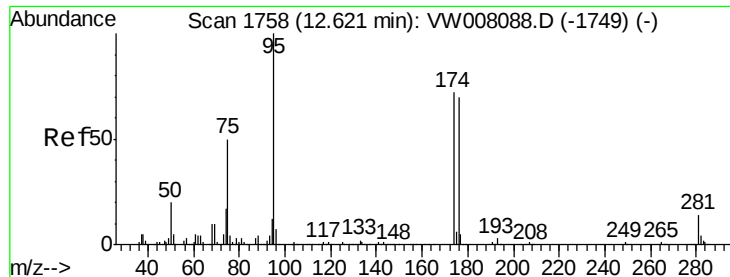
Tot Ion: 98 Resp: 203155
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



#52
Toluene
Concen: 2.274 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008253.D
Acq: 14 Jan 2019 17:58

Tgt Ion: 92 Resp: 6595
Ion Ratio Lower Upper
92 100
91 170.7 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 45.842 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008253.D

Acq: 14 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

SU-02-011119-B

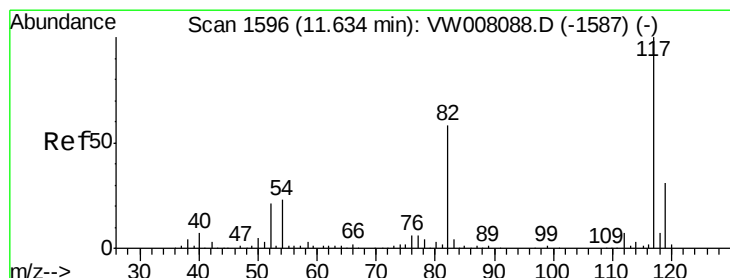
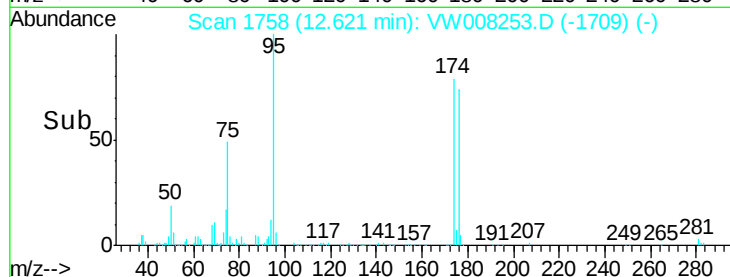
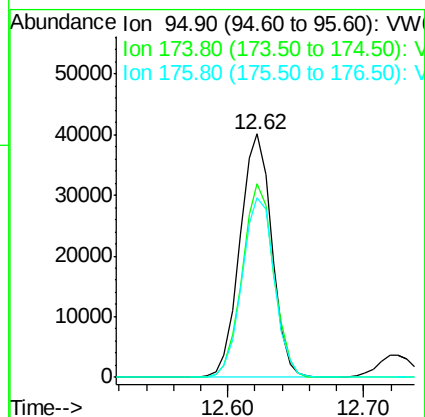
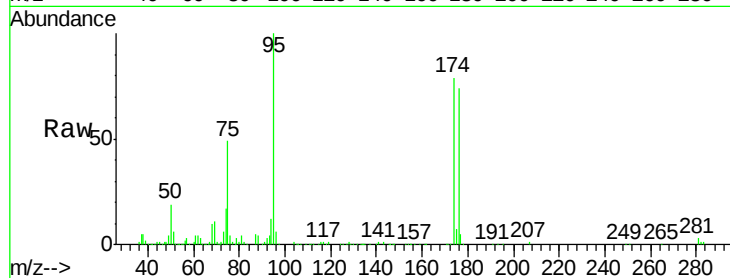
Tot Ion: 95 Resp: 65376

Ion Ratio Lower Upper

95 100

174 78.8 0.0 143.0

176 75.1 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008253.D

Acq: 14 Jan 2019 17:58

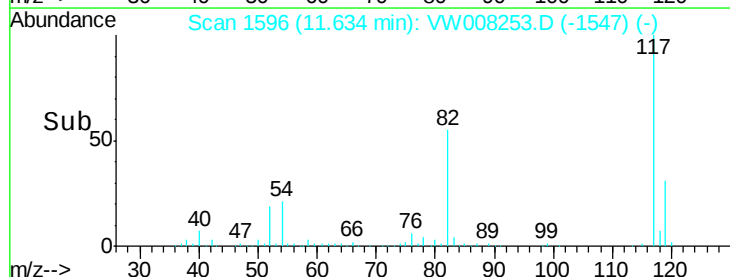
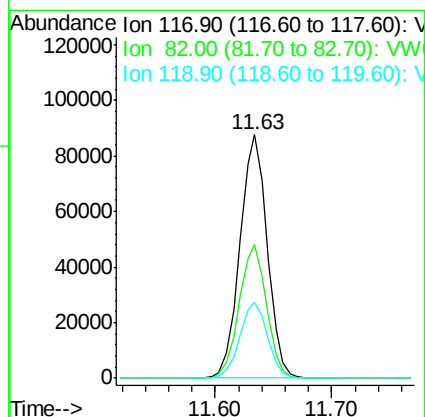
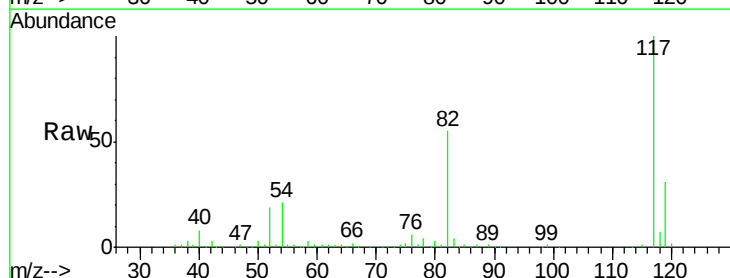
Tgt Ion: 117 Resp: 142840

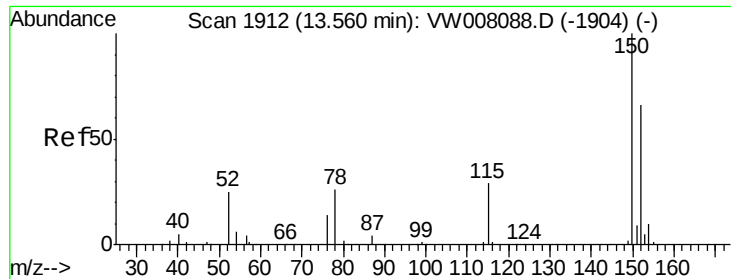
Ion Ratio Lower Upper

117 100

82 54.7 46.4 69.6

119 31.4 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008253.D

Acq: 14 Jan 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

SU-02-011119-B

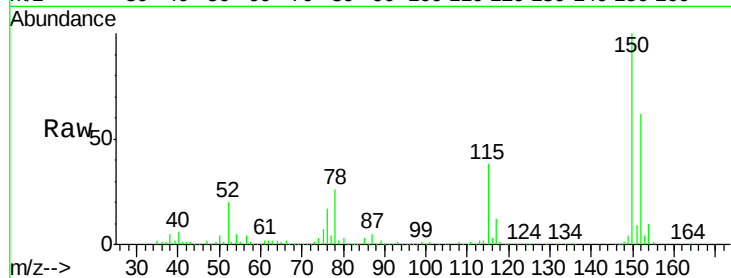
Tot Ion:152 Resp: 60694

Ion Ratio Lower Upper

152 100

115 60.0 30.8 92.4

150 158.0 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

