

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008705.D
 Acq On : 16 Feb 2019 02:09
 Operator : SY/VA
 Sample : K1515-11
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-11

Quant Time: Feb 16 03:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	16864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	25153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	22395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	8540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	12141	69.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.50%	
35) Dibromofluoromethane	7.88	113	9082	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
50) Toluene-d8	10.32	98	30571	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	9693	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

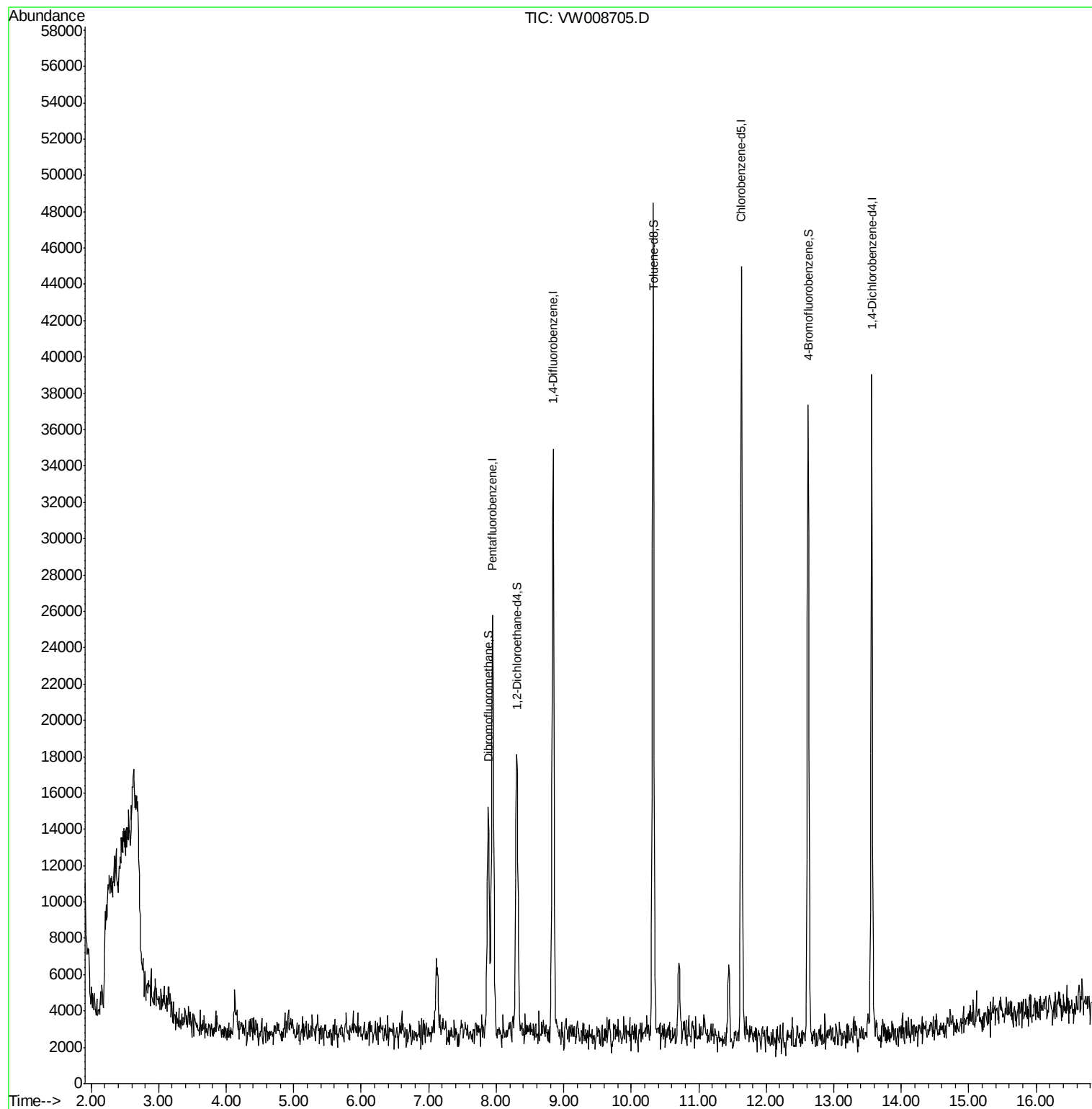
Target Compounds	Qvalue

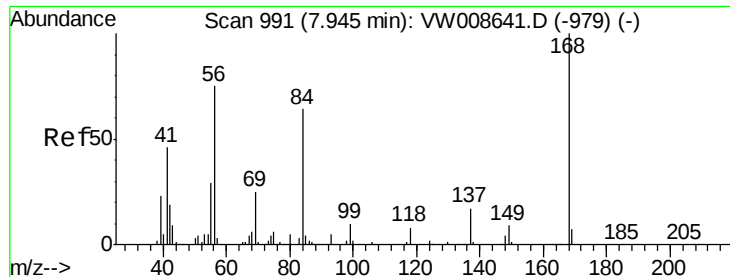
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008705.D

Acq: 16 Feb 2019 02:09

Instrument :

MSVOA_W

ClientSampled :

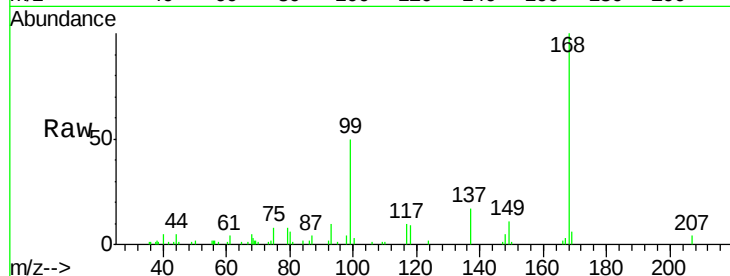
TS-11

Tot Ion:168 Resp: 16864

Ion Ratio Lower Upper

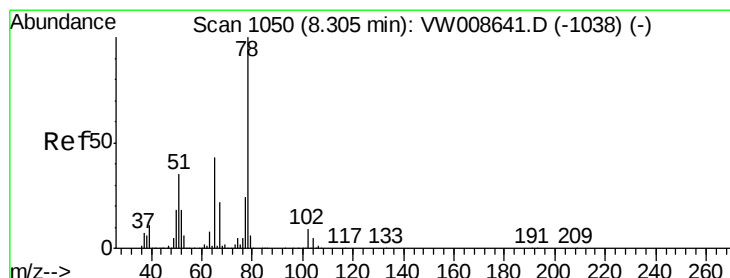
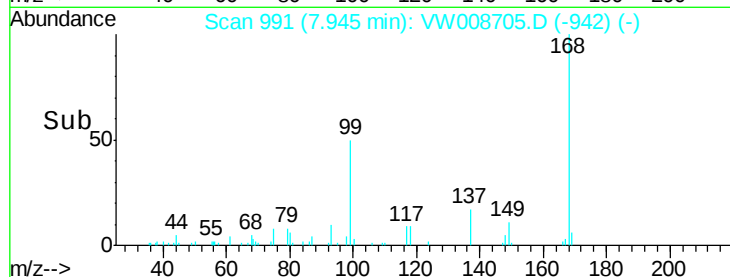
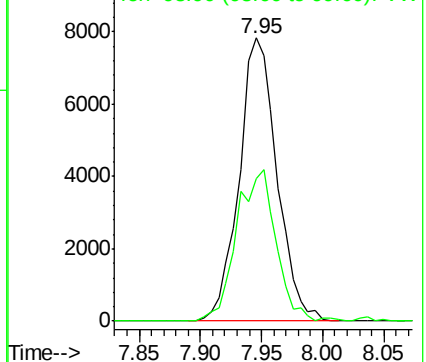
168 100

99 50.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 69.249 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008705.D

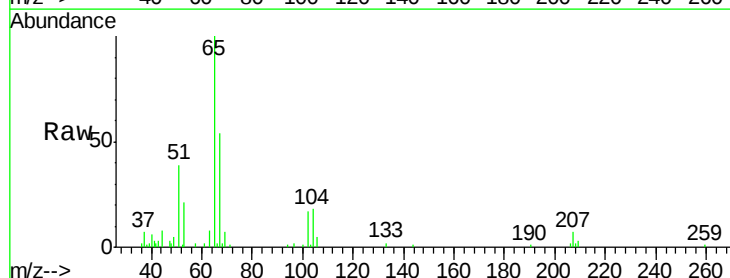
Acq: 16 Feb 2019 02:09

Tgt Ion: 65 Resp: 12141

Ion Ratio Lower Upper

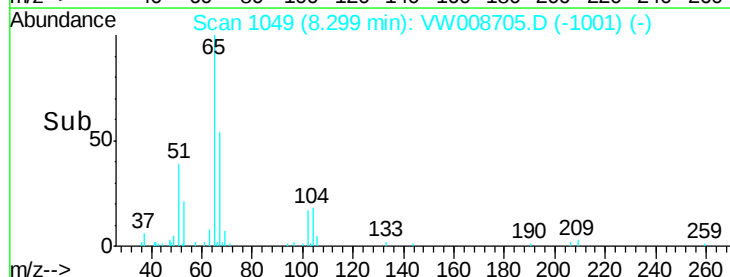
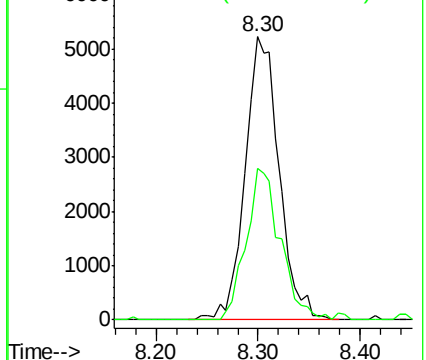
65 100

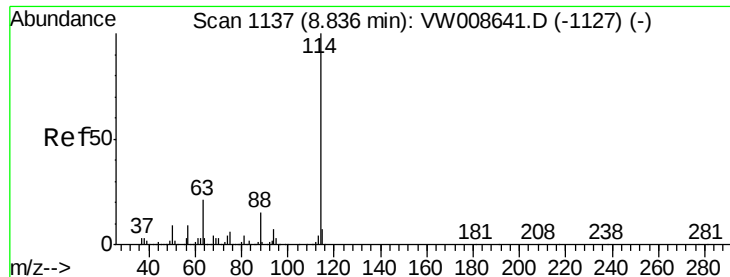
67 53.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

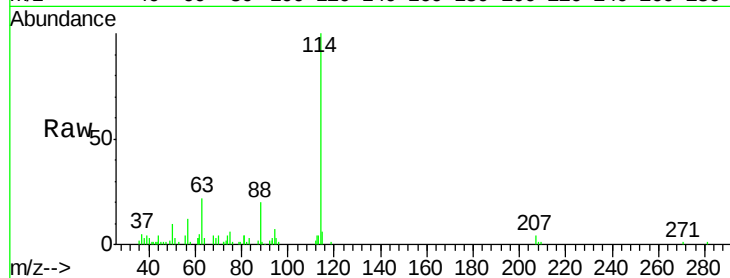




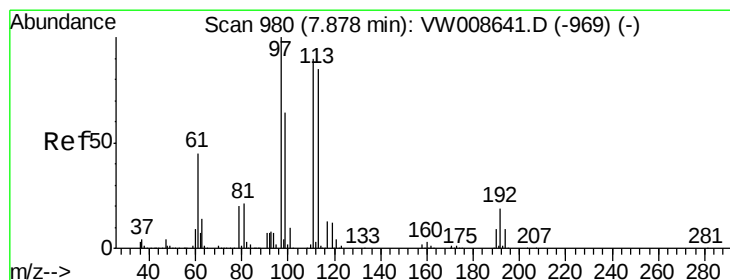
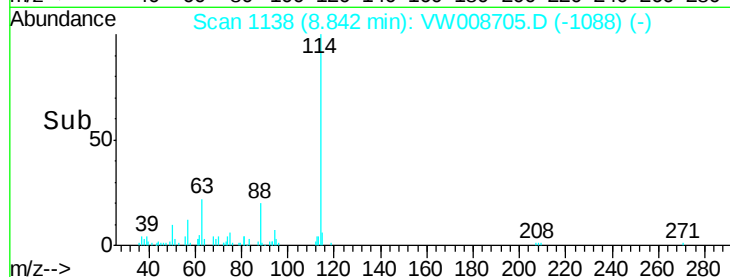
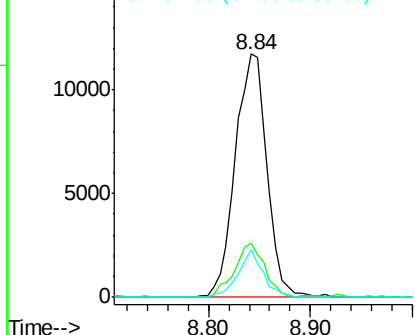
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008705.D
 Acq: 16 Feb 2019 02:09

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-11

Tot Ion:114 Resp: 25153
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 41.2
 88 19.8 0.0 29.6

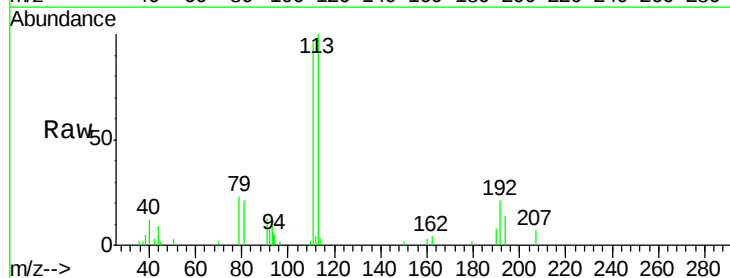


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

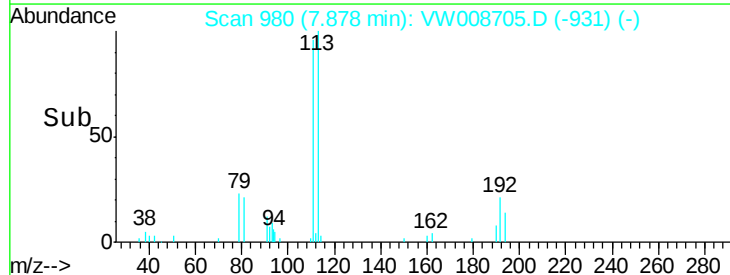
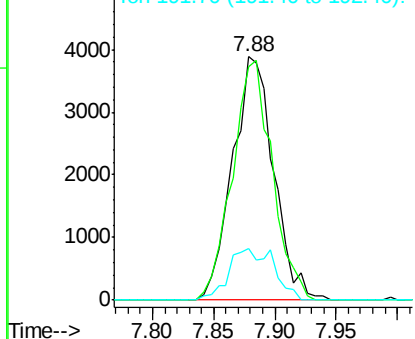


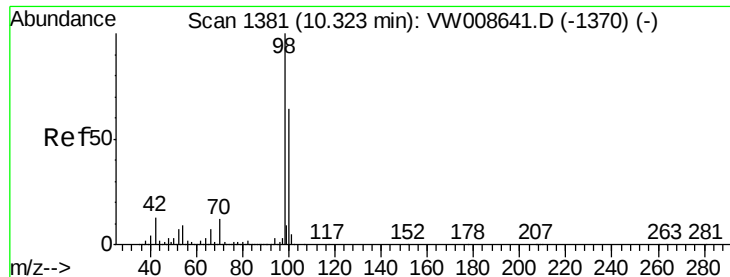
#35
 Dibromofluoromethane
 Concen: 58.149 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008705.D
 Acq: 16 Feb 2019 02:09

Tgt Ion:113 Resp: 9082
 Ion Ratio Lower Upper
 113 100
 111 95.5 84.0 126.0
 192 23.1 17.4 26.2



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: 50.776 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008705.D

Acq: 16 Feb 2019 02:09

Instrument :

MSVOA_W

ClientSampleId :

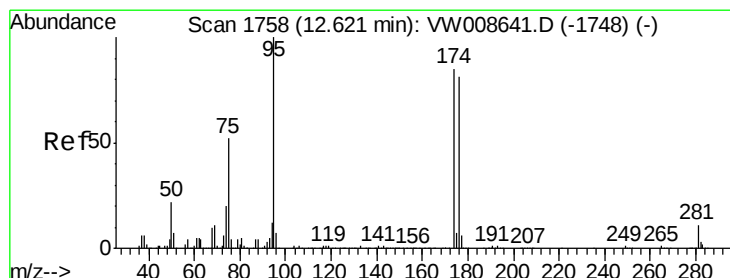
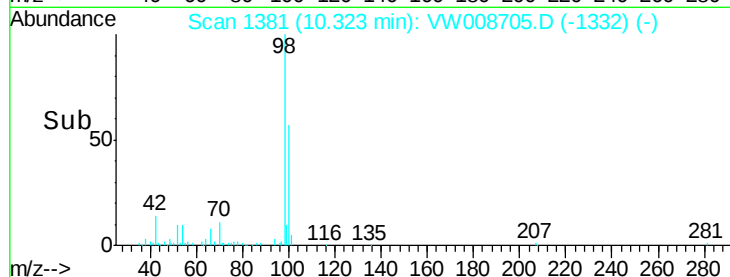
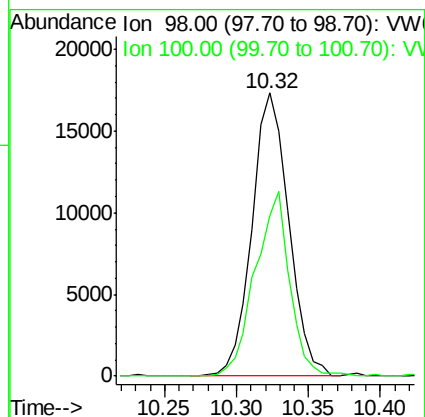
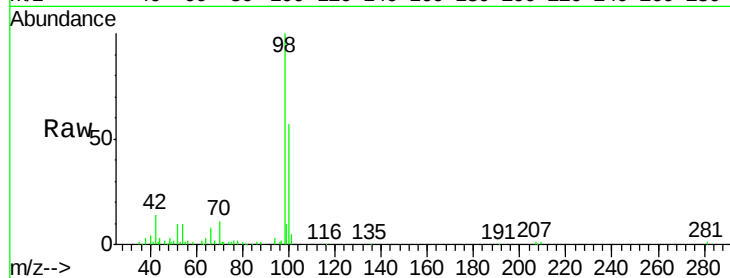
TS-11

Tot Ion: 98 Resp: 30571

Ion Ratio Lower Upper

98 100

100 61.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 42.742 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008705.D

Acq: 16 Feb 2019 02:09

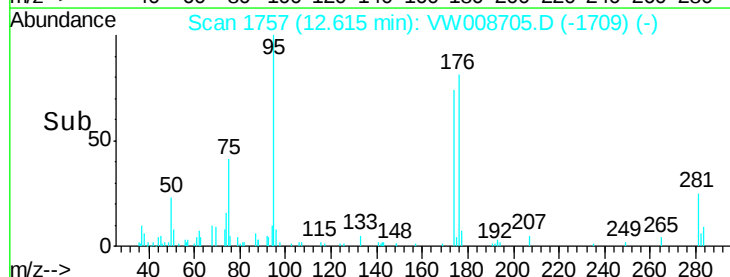
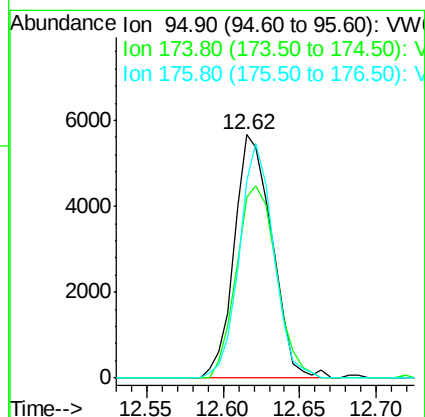
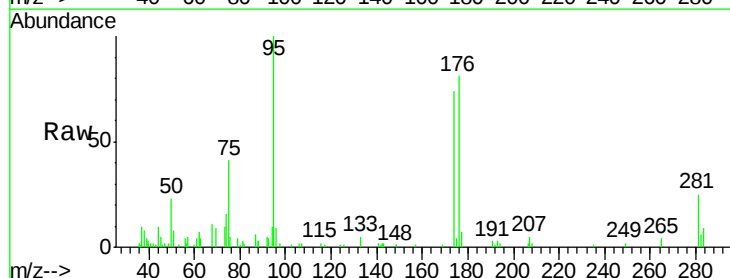
Tgt Ion: 95 Resp: 9693

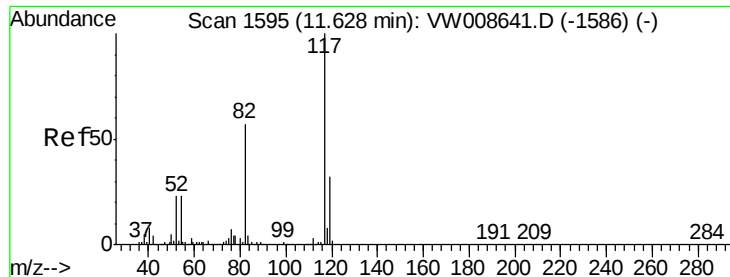
Ion Ratio Lower Upper

95 100

174 83.5 0.0 163.2

176 87.8 0.0 158.0

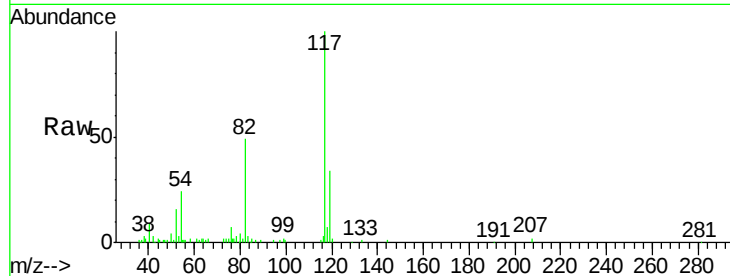




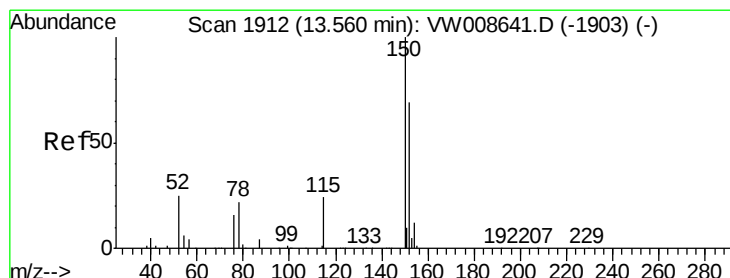
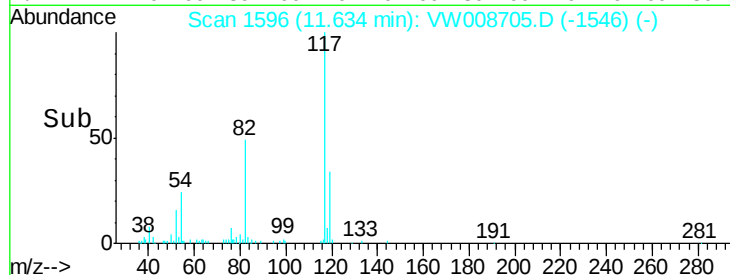
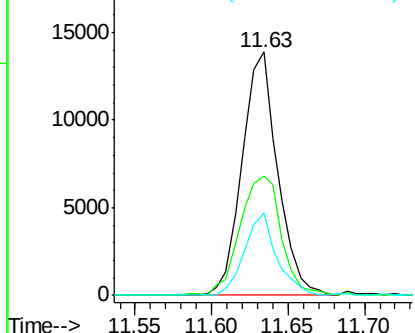
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008705.D
Acq: 16 Feb 2019 02:09

Instrument :
MSVOA_W
ClientSampled :
TS-11

Tot Ion:117 Resp: 22395
Ion Ratio Lower Upper
117 100
82 48.6 45.6 68.4
119 33.9 25.7 38.5

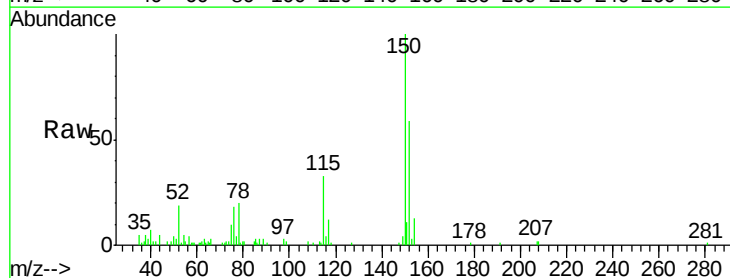


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008705.D
Acq: 16 Feb 2019 02:09

Tgt Ion:152 Resp: 8540
Ion Ratio Lower Upper
152 100
115 54.7 29.3 87.8
150 159.6 0.0 352.8



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

