

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006116.D
 Acq On : 17 Oct 2018 09:31
 Operator : VA/AP
 Sample : J5518-03
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GSTS

Quant Time: Oct 17 11:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	290189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	98876	69.71	ug/l	0.00
Spiked Amount			Recovery	=	139.42%	
35) Dibromofluoromethane	7.88	113	95620	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	10.33	98	259760	39.82	ug/l	0.00
Spiked Amount			Recovery	=	79.64%	
62) 4-Bromofluorobenzene	12.62	95	85003	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	

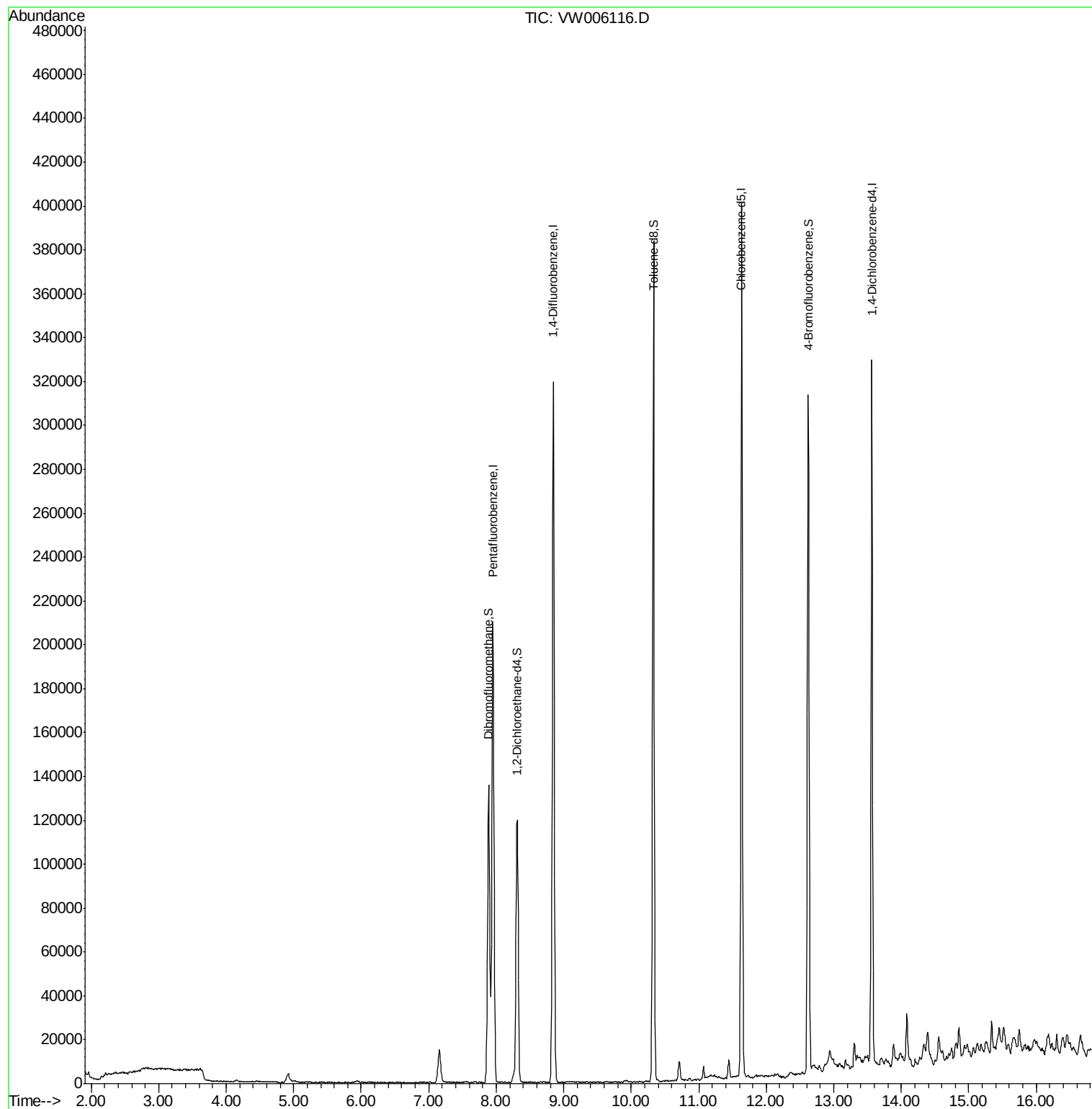
Target Compounds	Qvalue
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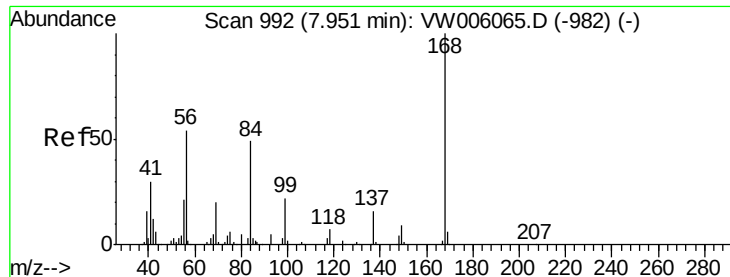
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006116.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampled :

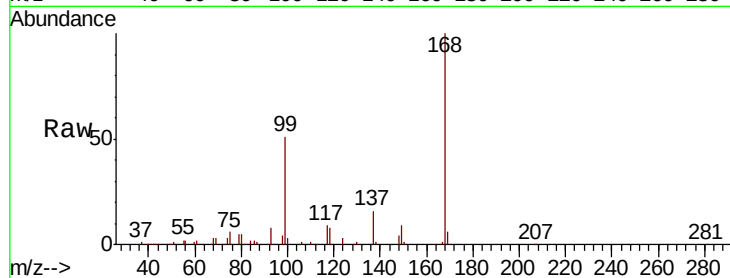
GSTS

Tot Ion:168 Resp: 171087

Ion Ratio Lower Upper

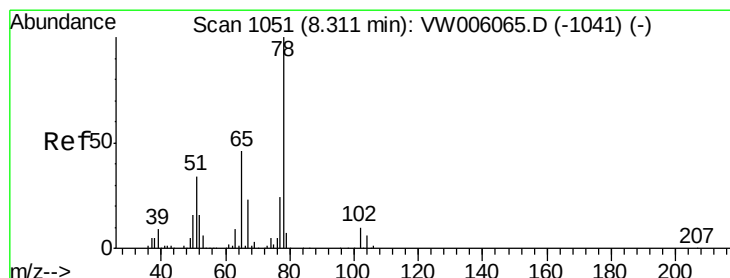
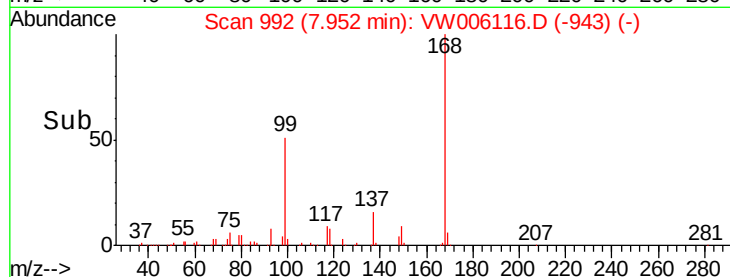
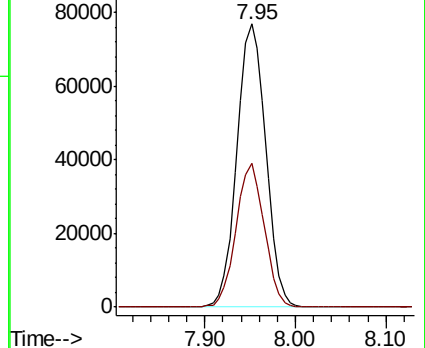
168 100

99 50.8 39.9 59.9



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: 69.709 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006116.D

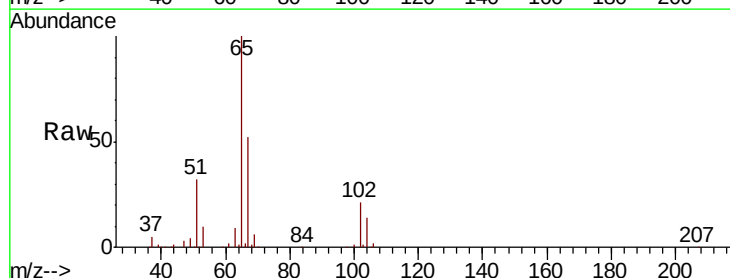
Acq: 17 Oct 2018 09:31

Tgt Ion: 65 Resp: 98876

Ion Ratio Lower Upper

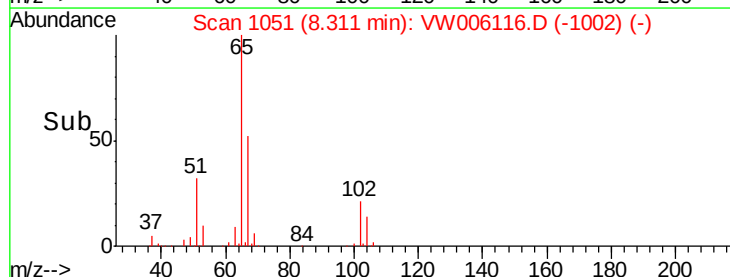
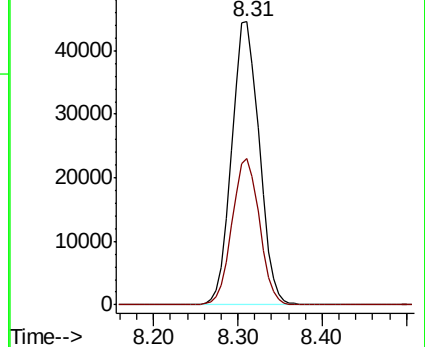
65 100

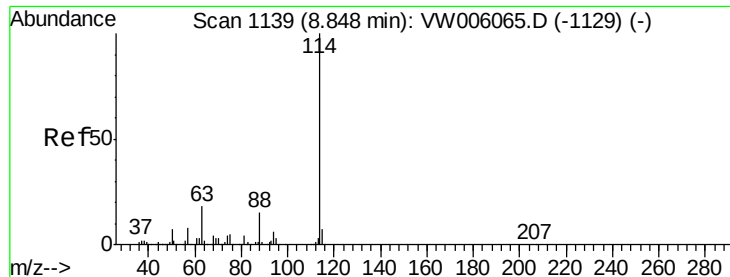
67 51.4 0.0 101.0



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006116.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

GSTS

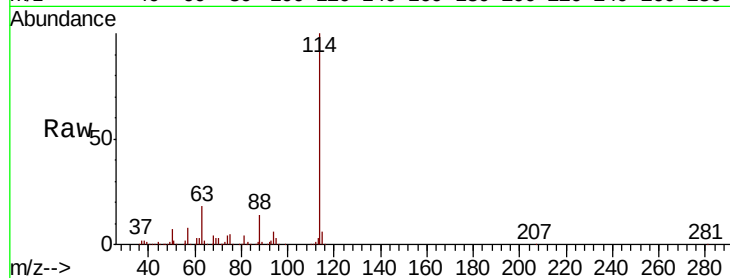
Tot Ion:114 Resp: 290189

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

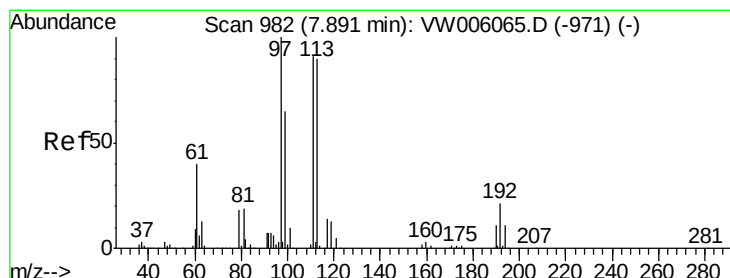
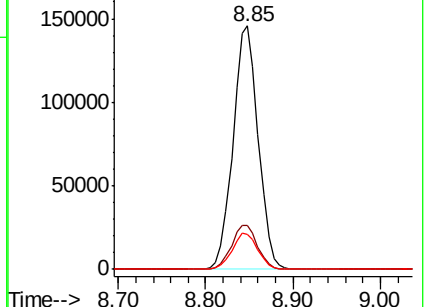
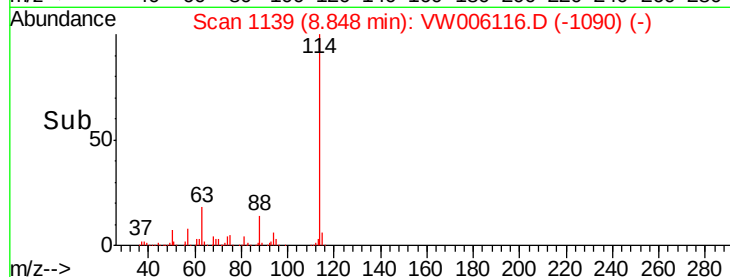
88 14.5 0.0 29.0



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: 55.764 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006116.D

Acq: 17 Oct 2018 09:31

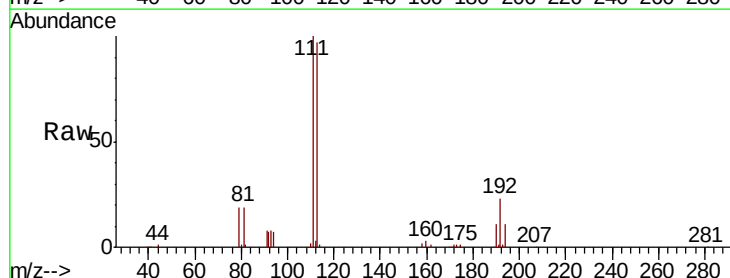
Tgt Ion:113 Resp: 95620

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

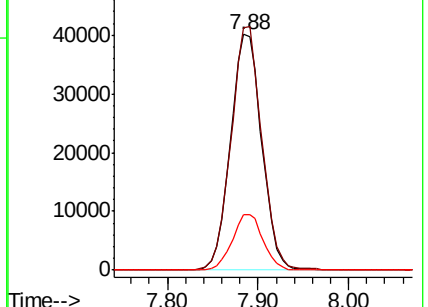
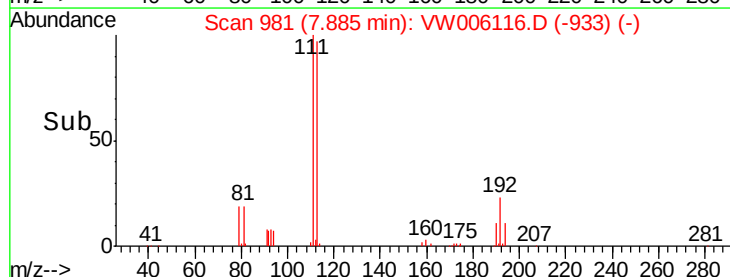
192 23.2 18.7 28.1

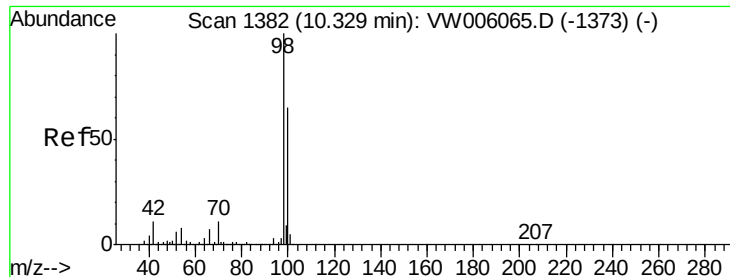


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.818 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006116.D

Acq: 17 Oct 2018 09:31

Instrument :

MSVOA_W

ClientSampleId :

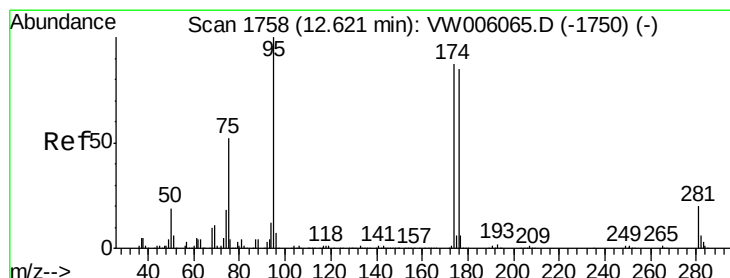
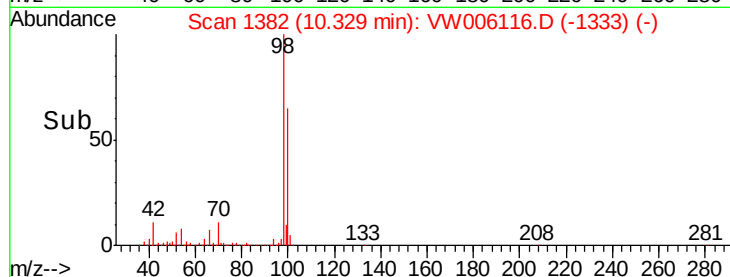
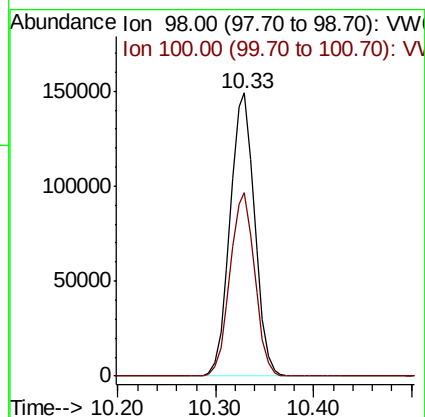
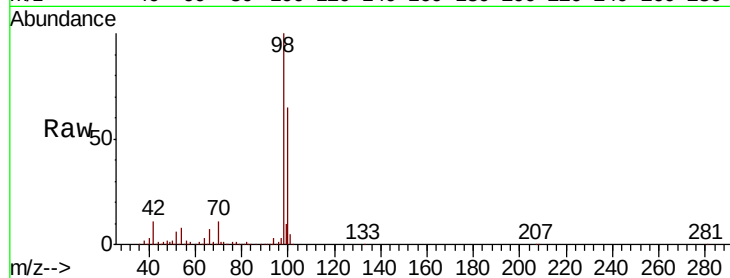
GSTS

Tot Ion: 98 Resp: 259760

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 34.692 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006116.D

Acq: 17 Oct 2018 09:31

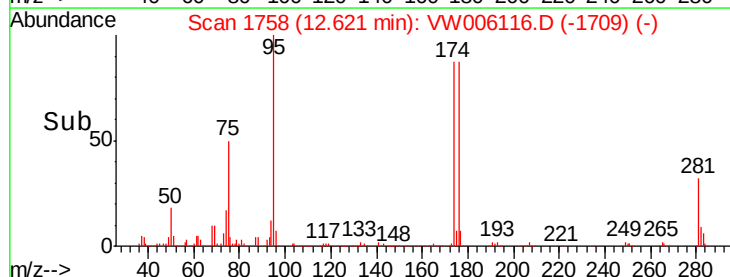
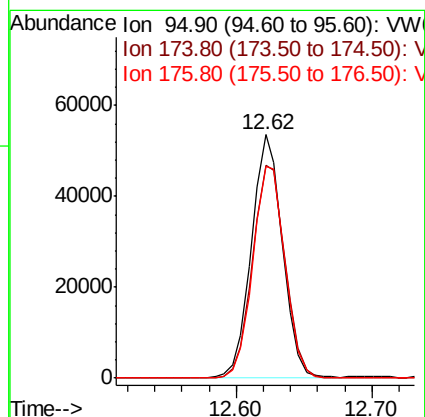
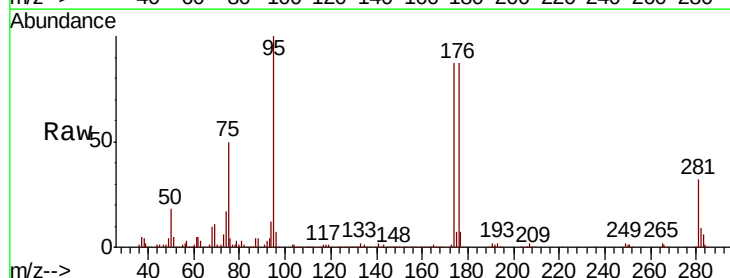
Tgt Ion: 95 Resp: 85003

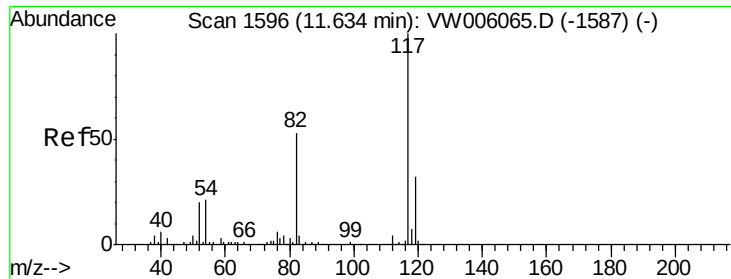
Ion Ratio Lower Upper

95 100

174 92.9 0.0 186.0

176 91.0 0.0 181.6

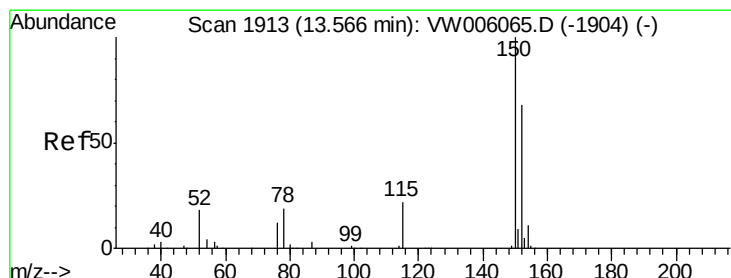
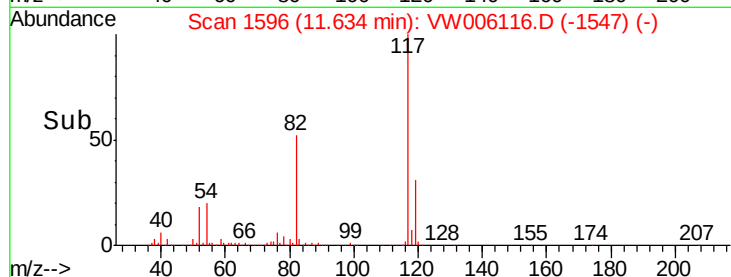
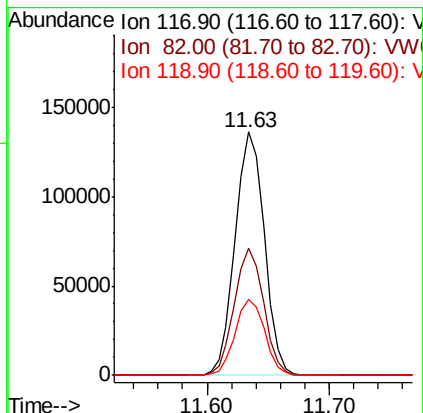
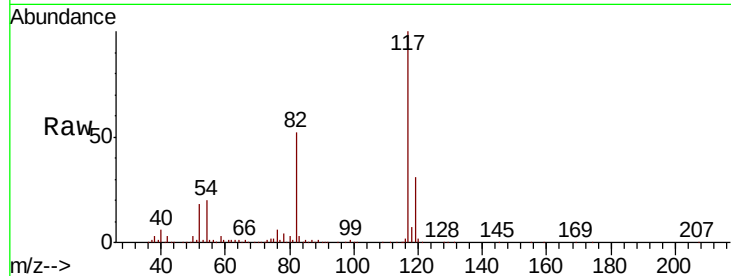




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006116.D
Acq: 17 Oct 2018 09:31

Instrument :
MSVOA_W
ClientSampleId :
GSTS

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	31.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006116.D
Acq: 17 Oct 2018 09:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.8	83.3
150	158.4	0.0	349.2

