

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006756.D
 Acq On : 07 Nov 2018 23:52
 Operator : SY/AP
 Sample : J5813-05
 Misc : 5.64G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-E

Quant Time: Nov 09 10:44:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	350898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149822	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80963	39.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.90%	
35) Dibromofluoromethane	7.88	113	83158	37.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.52%	
50) Toluene-d8	10.33	98	264928	31.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.20%	
62) 4-Bromofluorobenzene	12.62	95	86126	28.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.68%	

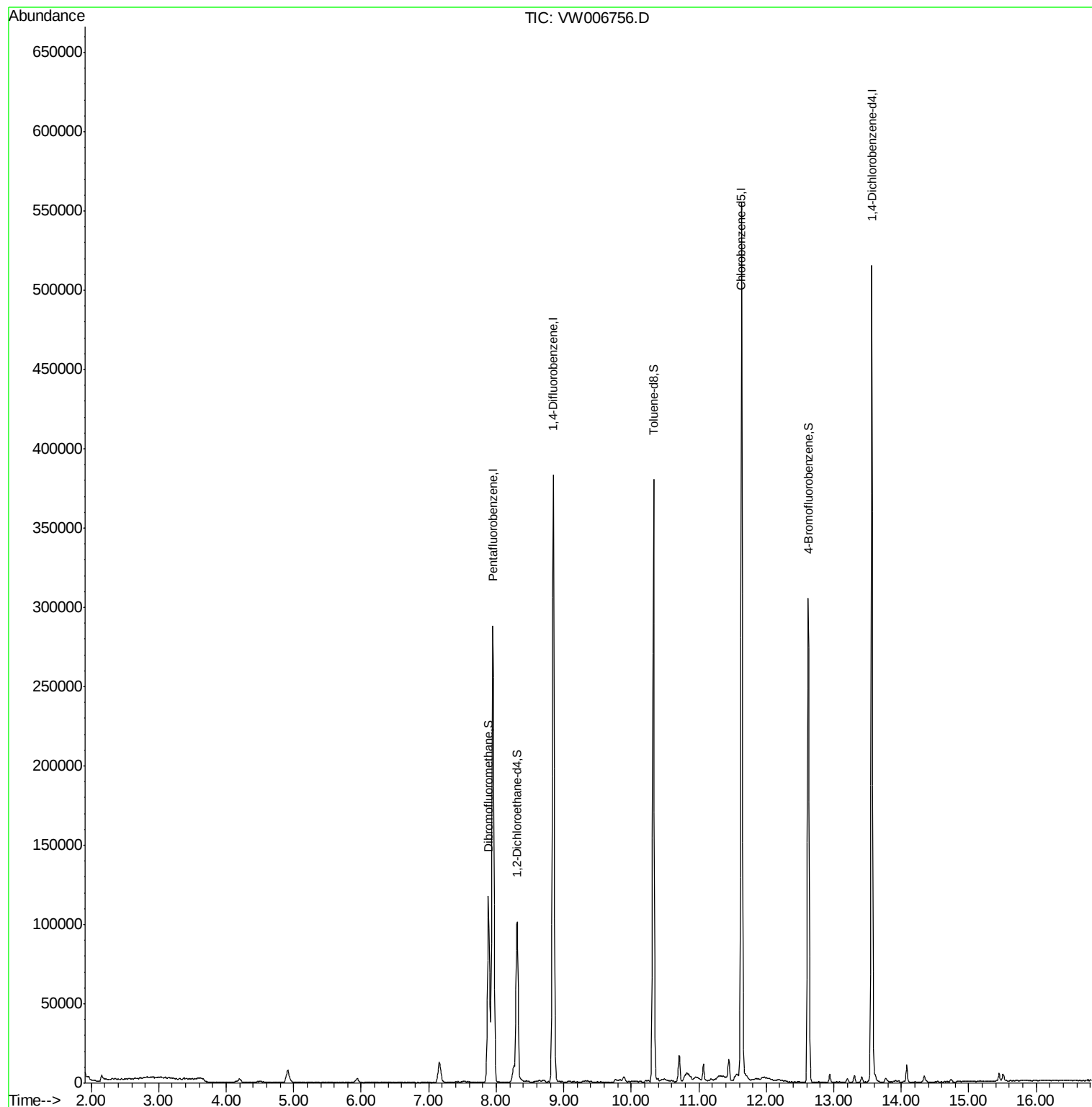
Target Compounds	Qvalue

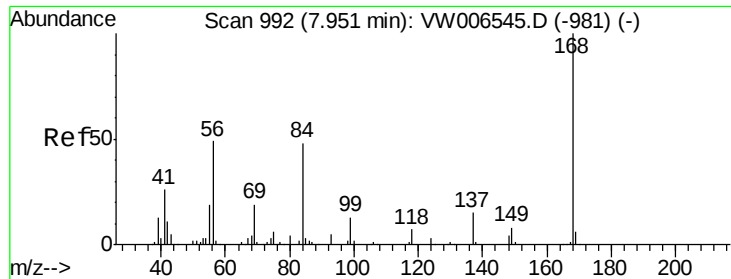
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006756.D

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Instrument :

MSVOA_W

ClientSampleId :

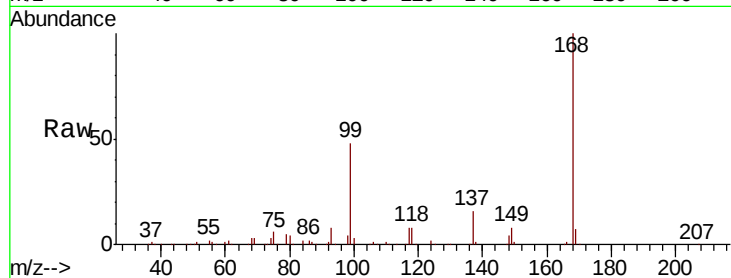
TS-E

Tot Ion:168 Resp: 238768

Ion Ratio Lower Upper

168 100

99 48.2 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

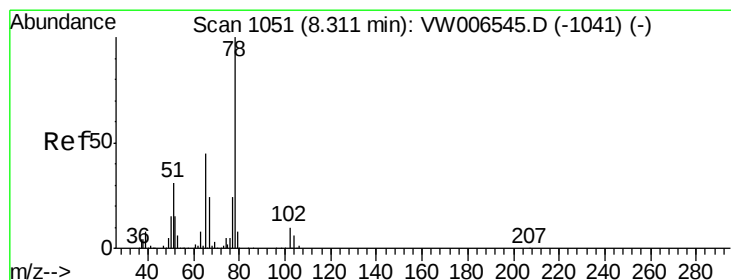
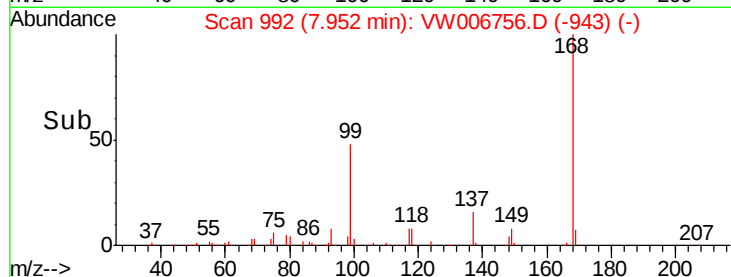
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 39.447 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006756.D

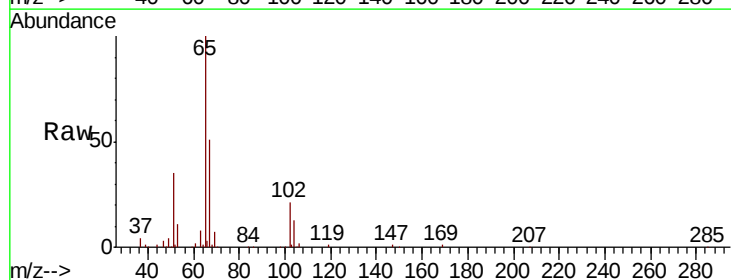
Acq: 07 Nov 2018 23:52

Tgt Ion: 65 Resp: 80963

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

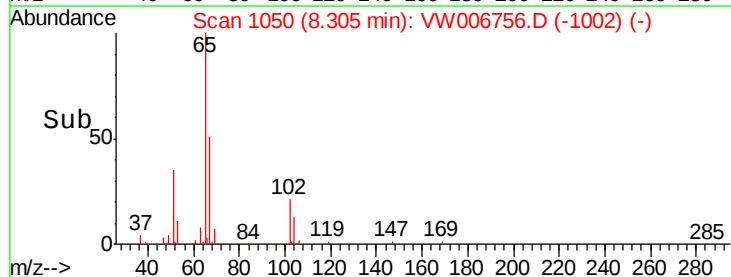
30000

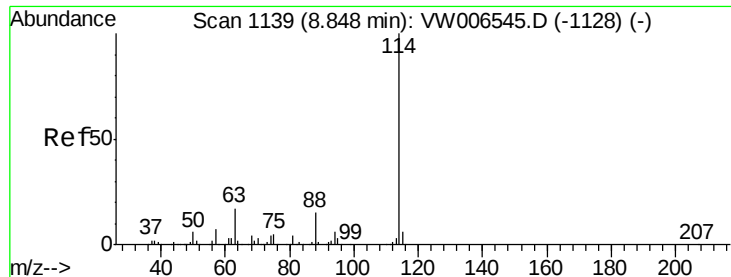
20000

10000

0

Time--> 8.20 8.30 8.40

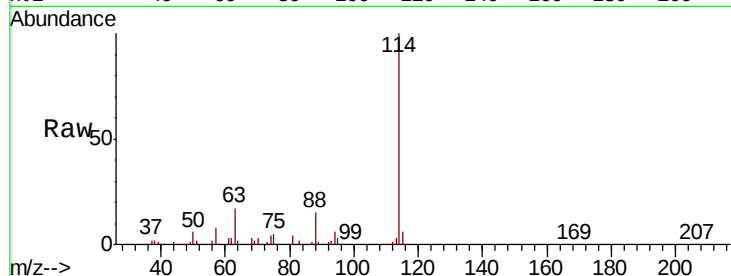




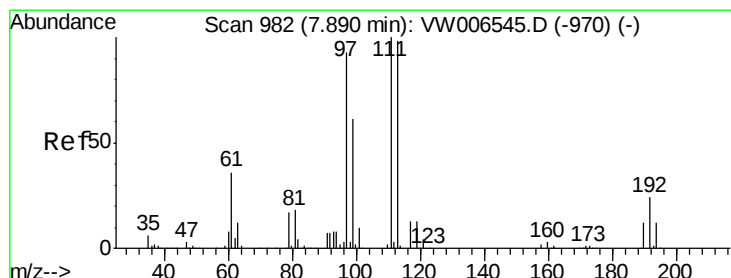
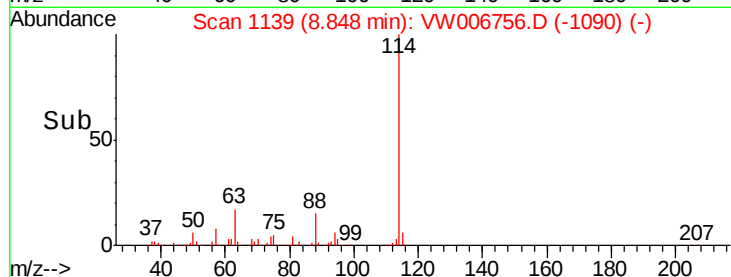
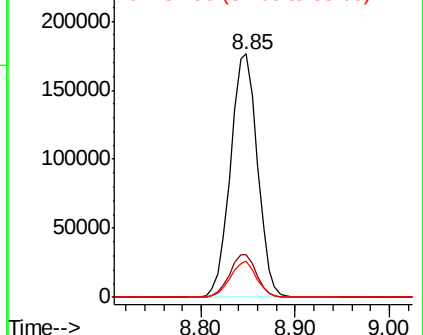
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006756.D
 Acq: 07 Nov 2018 23:52

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.4
88	14.8	0.0	29.0

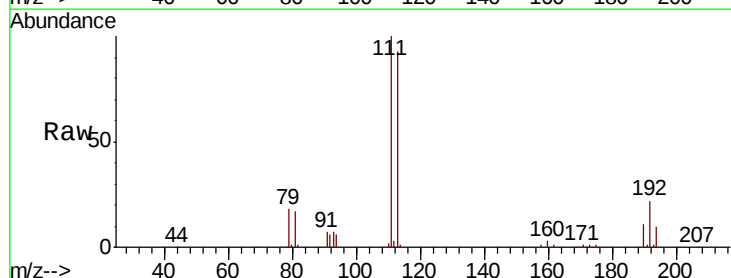


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

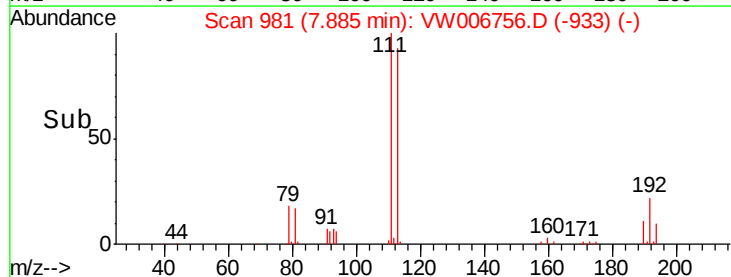
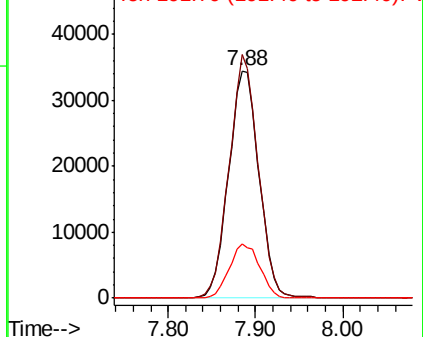


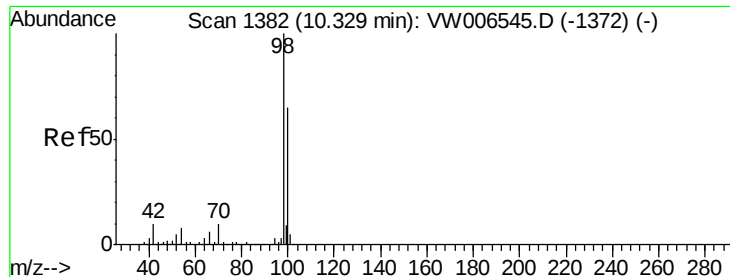
#35
 Dibromofluoromethane
 Concen: 37.762 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006756.D
 Acq: 07 Nov 2018 23:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.2
192	23.8	19.0	28.6



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: 31.602 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006756.D

Acq: 07 Nov 2018 23:52

Instrument :

MSVOA_W

ClientSampleId :

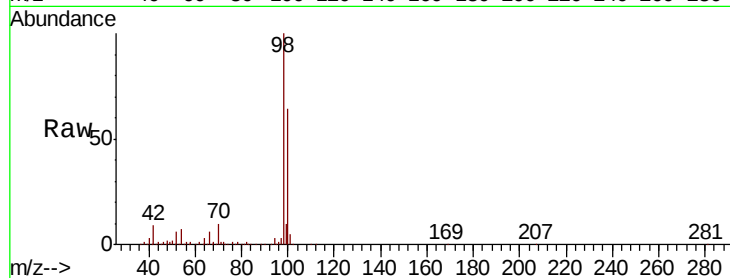
TS-E

Tot Ion: 98 Resp: 264928

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

150000

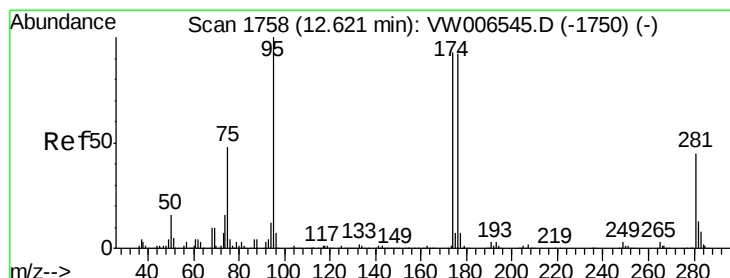
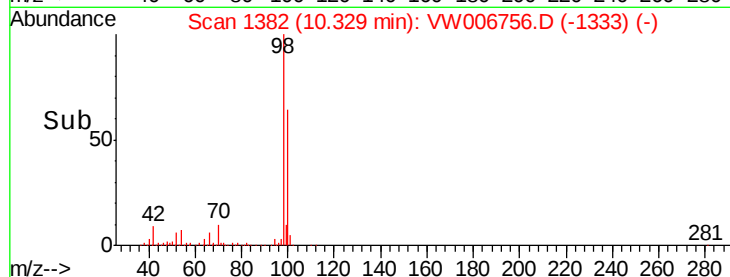
100000

50000

0

Time-->

10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 28.338 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006756.D

Acq: 07 Nov 2018 23:52

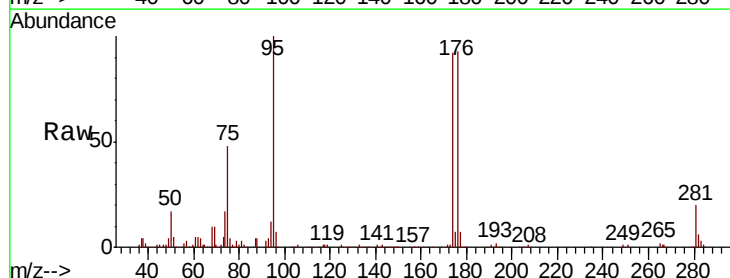
Tgt Ion: 95 Resp: 86126

Ion Ratio Lower Upper

95 100

174 98.7 0.0 192.4

176 96.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

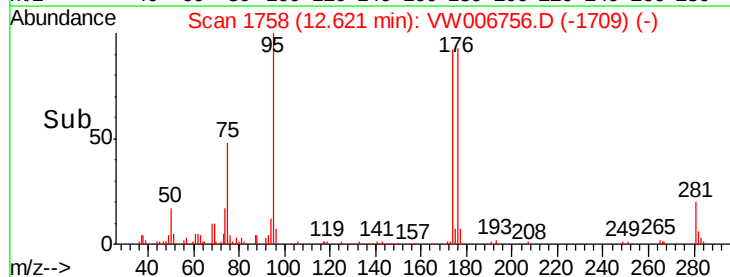
40000

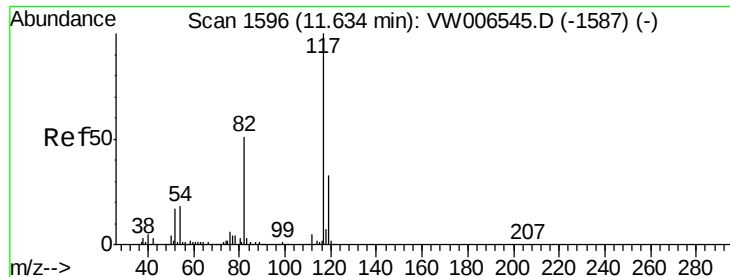
20000

0

Time-->

12.60 12.70

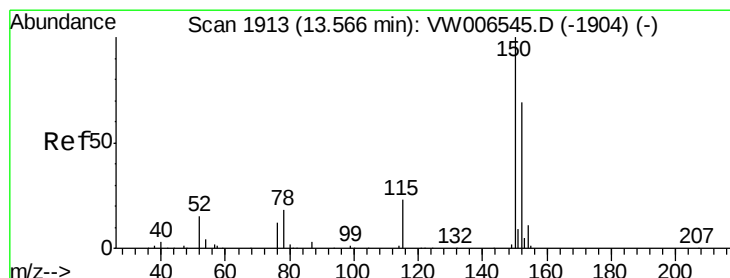
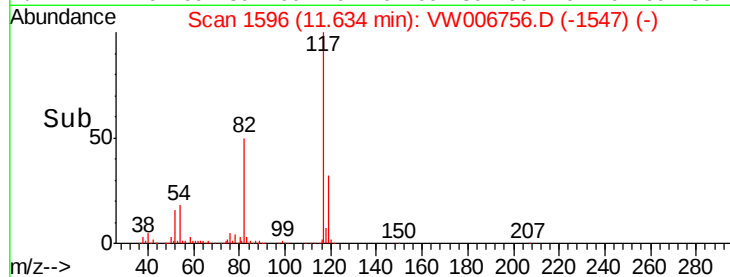
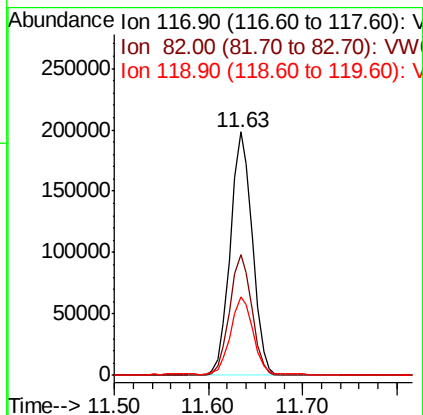
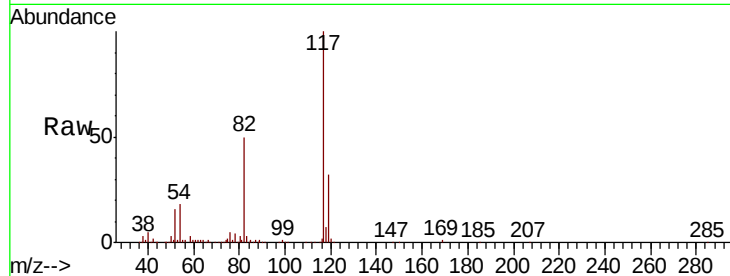




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006756.D
Acq: 07 Nov 2018 23:52

Instrument :
MSVOA_W
ClientSampled :
TS-E

Tot Ion:117 Resp: 321971
Ion Ratio Lower Upper
117 100
82 49.6 40.8 61.2
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006756.D
Acq: 07 Nov 2018 23:52

Tgt Ion:152 Resp: 149822
Ion Ratio Lower Upper
152 100
115 53.6 26.6 79.8
150 155.7 0.0 344.6

