

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013139.D
 Acq On : 19 Sep 2019 04:06
 Operator : SY/VA
 Sample : K4924-13
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-44-11.5-12.0

Quant Time: Sep 19 09:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	411742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	611244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	503647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217118	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	167512	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	
35) Dibromofluoromethane	7.88	113	167383	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.32	98	708557	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
62) 4-Bromofluorobenzene	12.62	95	216212	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

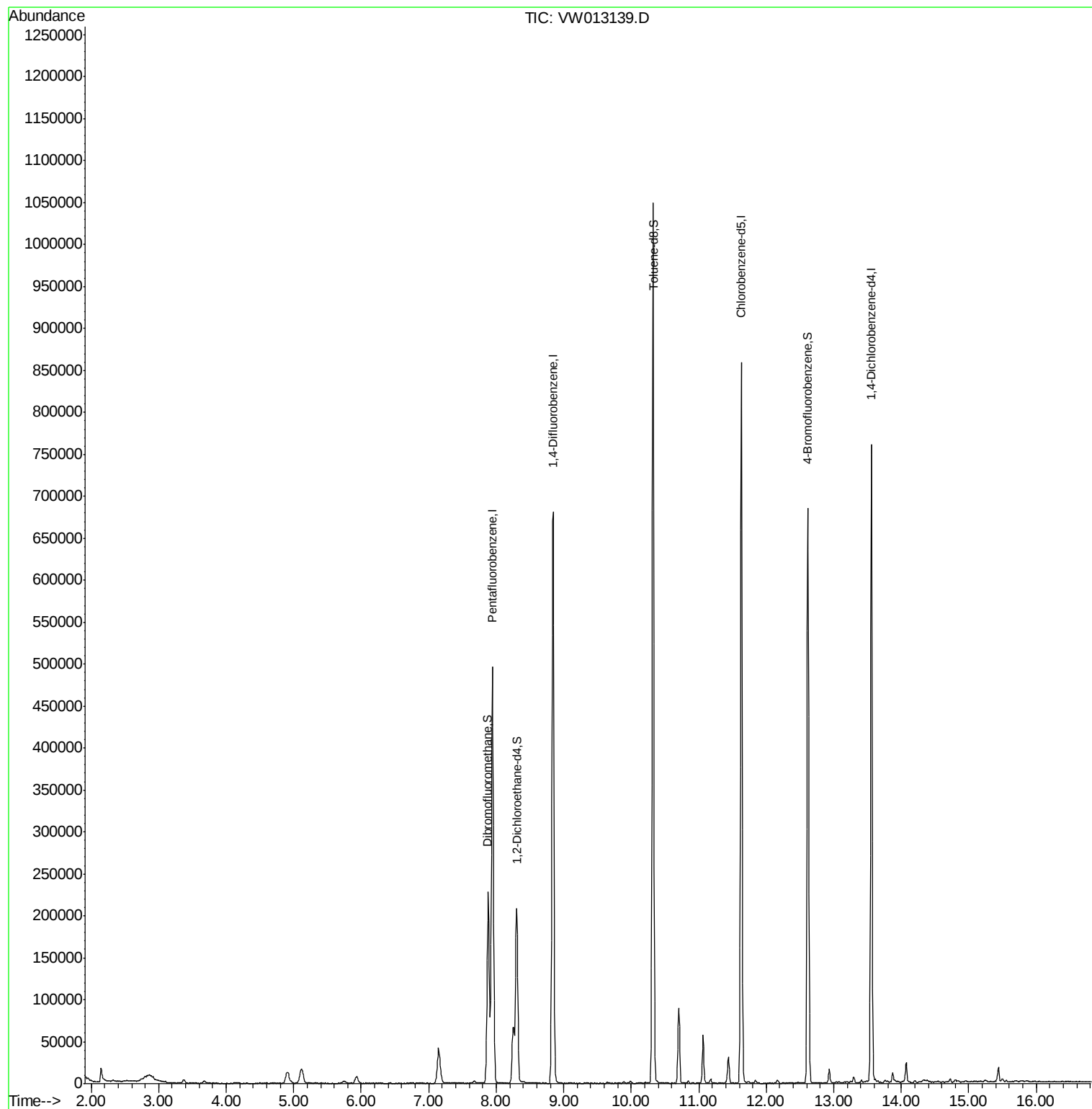
Target Compounds	Qvalue

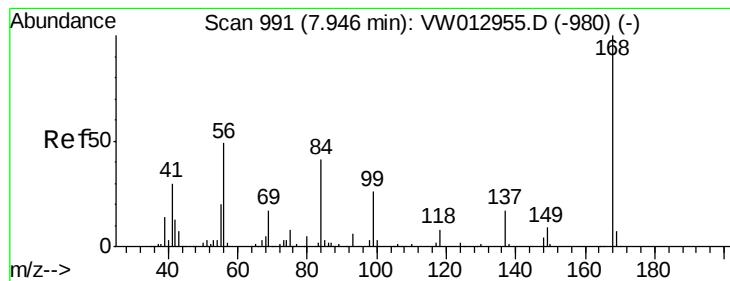
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013139.D

Acq: 19 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

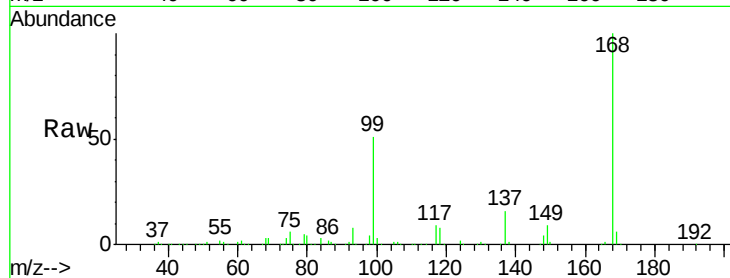
SB-44-11.5-12.0

Tot Ion:168 Resp: 411742

Ion Ratio Lower Upper

168 100

99 50.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

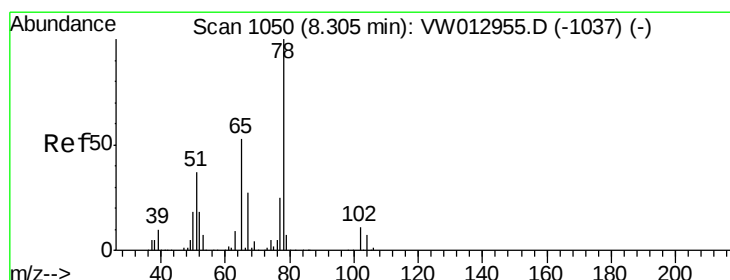
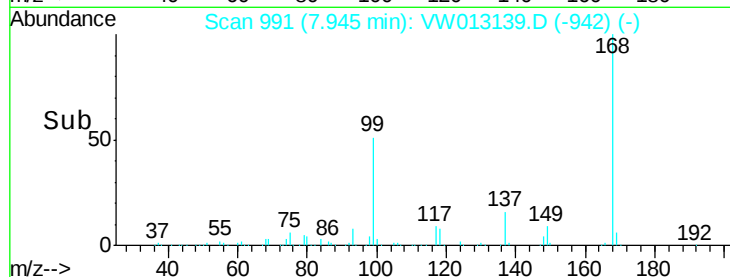
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 44.050 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013139.D

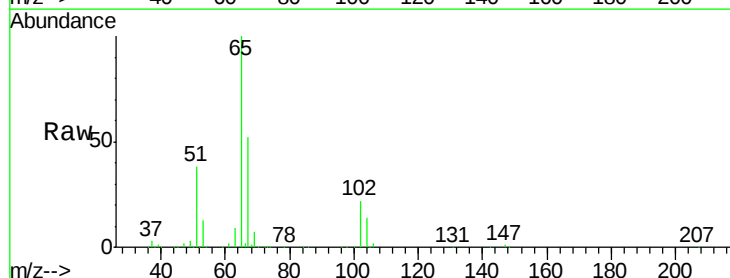
Acq: 19 Sep 2019 04:06

Tgt Ion: 65 Resp: 167512

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

80000

60000

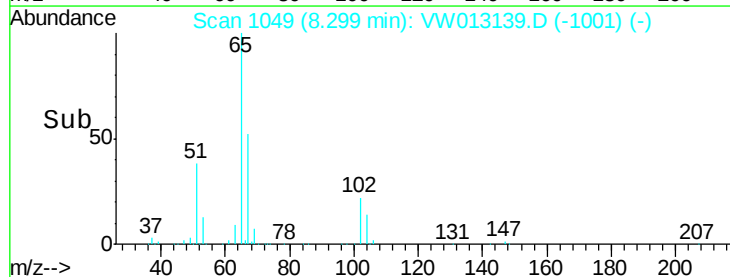
40000

20000

0

Time-->

8.20 8.30 8.40

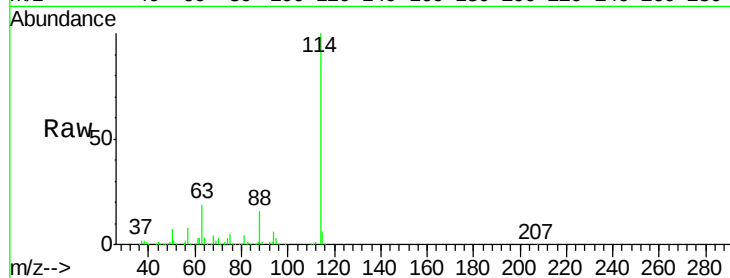




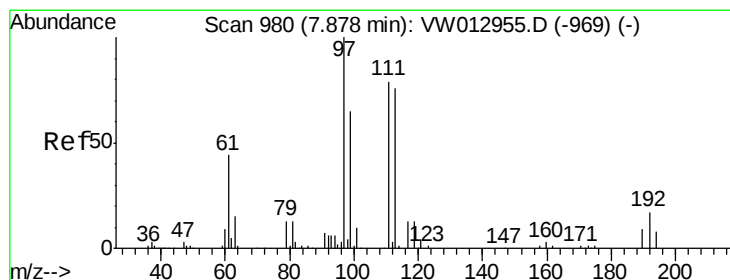
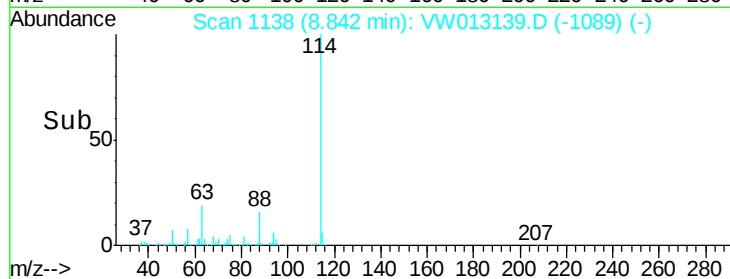
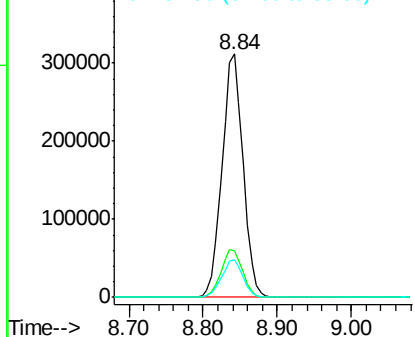
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013139.D
Acq: 19 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
SB-44-11.5-12.0

Tot Ion:114 Resp: 611244
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.4
88 15.5 0.0 31.6

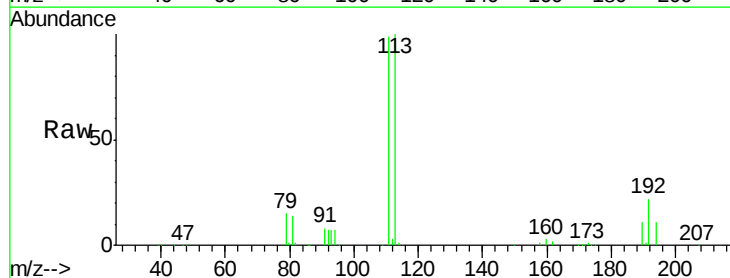


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

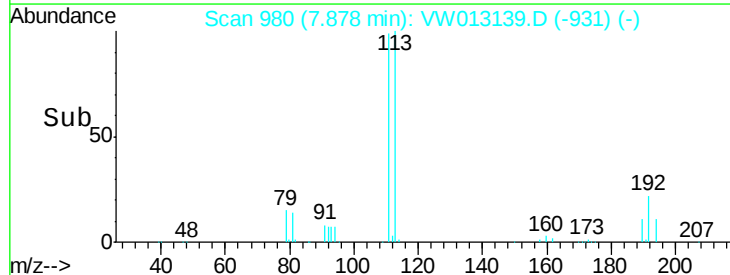
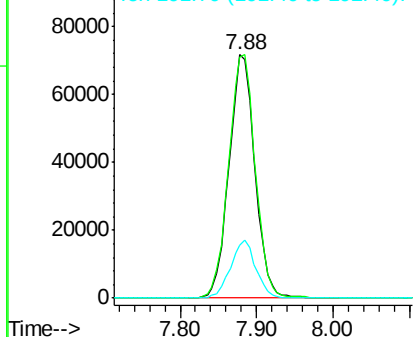


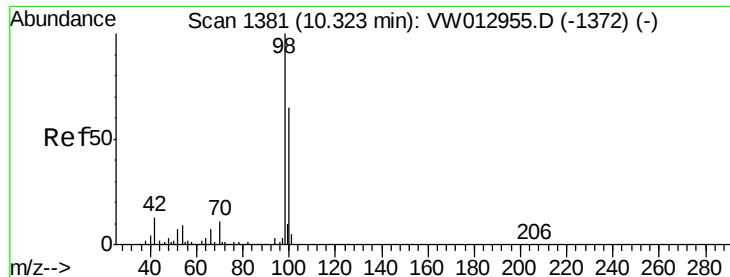
#35
Dibromofluoromethane
Concen: 50.467 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013139.D
Acq: 19 Sep 2019 04:06

Tgt Ion:113 Resp: 167383
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 23.1 17.8 26.8



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: 54.594 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013139.D

Acq: 19 Sep 2019 04:06

Instrument :

MSVOA_W

ClientSampleId :

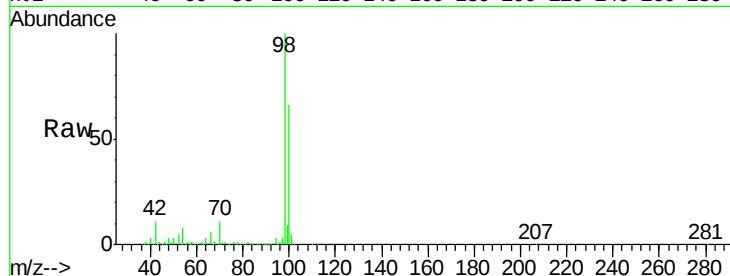
SB-44-11.5-12.0

Tot Ion: 98 Resp: 708557

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

400000

300000

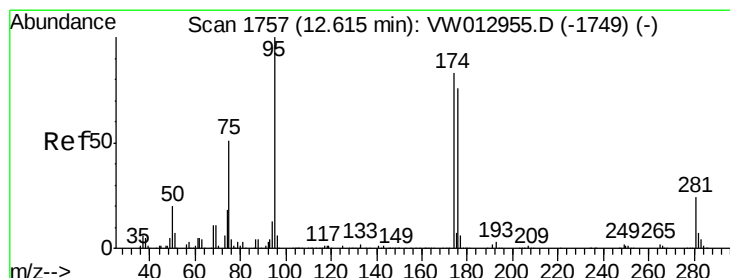
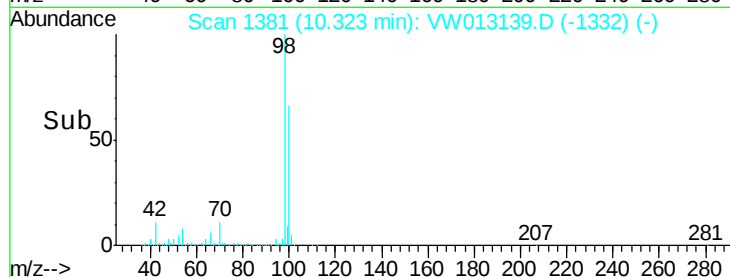
200000

100000

0

Time-->

10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 46.330 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013139.D

Acq: 19 Sep 2019 04:06

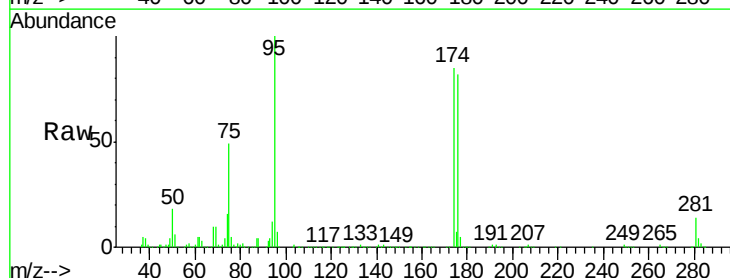
Tgt Ion: 95 Resp: 216212

Ion Ratio Lower Upper

95 100

174 87.7 0.0 170.4

176 86.6 0.0 164.6



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

12.62

150000

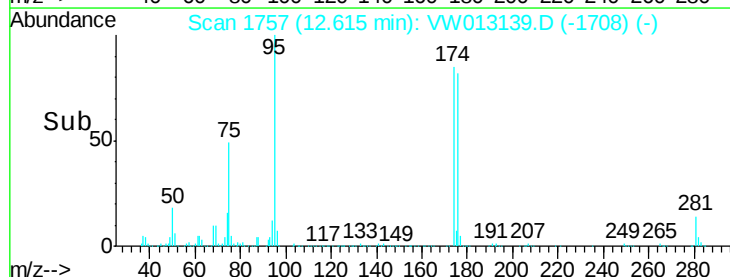
100000

50000

0

Time-->

12.60 12.70

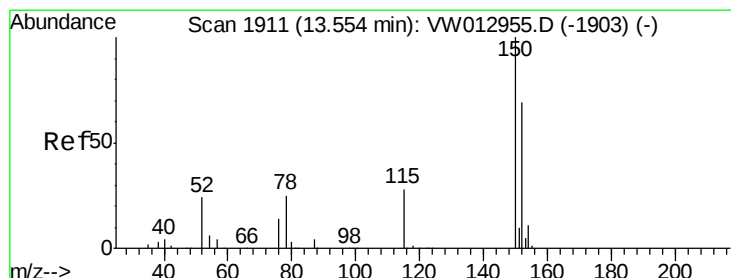
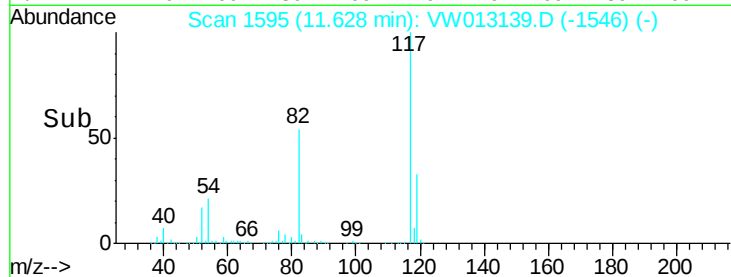
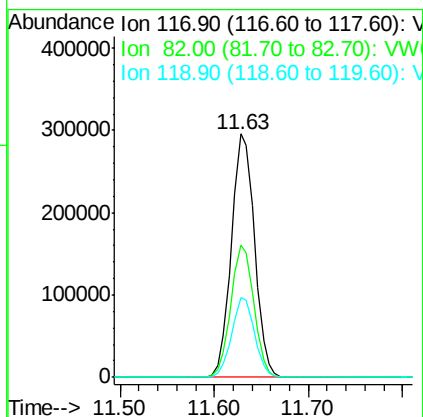
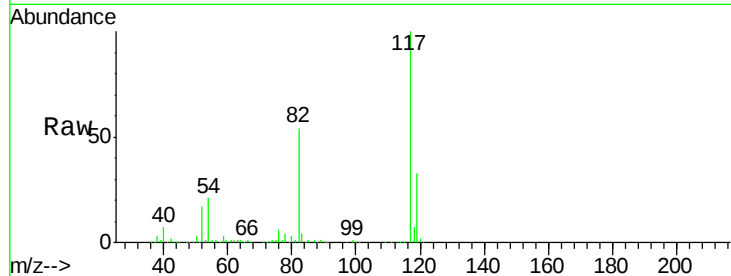




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013139.D
Acq: 19 Sep 2019 04:06

Instrument :
MSVOA_W
ClientSampleId :
SB-44-11.5-12.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	46.3	69.5
119	32.5	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013139.D
Acq: 19 Sep 2019 04:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.8	86.4
150	156.4	0.0	340.2

