

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012145.D
 Acq On : 23 Aug 2019 20:41
 Operator : SY/VA
 Sample : K4474-07
 Misc : 5.72G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(0)

Quant Time: Aug 26 08:05:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	203197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	44938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	122254	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	99671	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
50) Toluene-d8	10.32	98	365407	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	72259	27.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.12%	

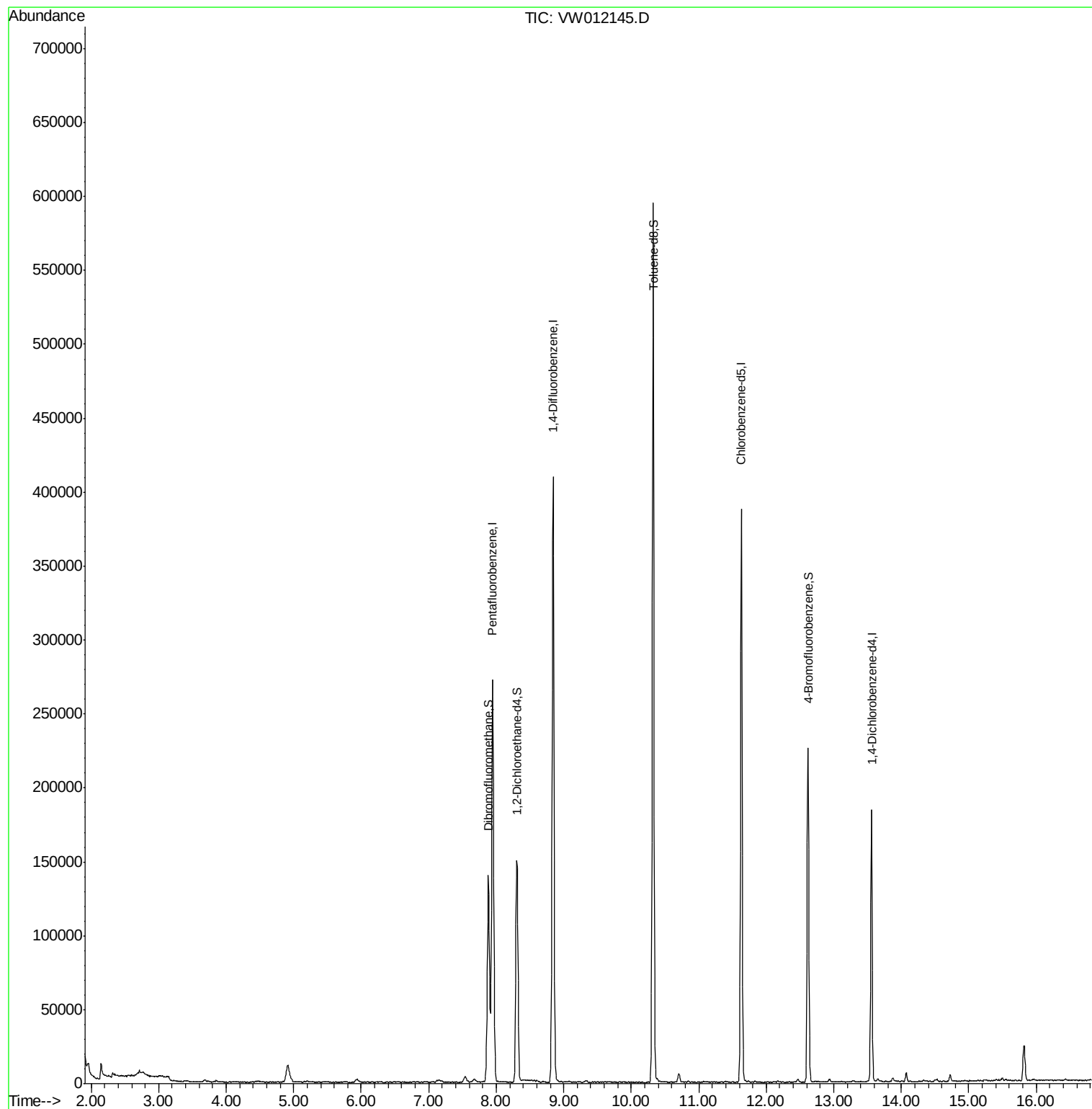
Target Compounds	Qvalue

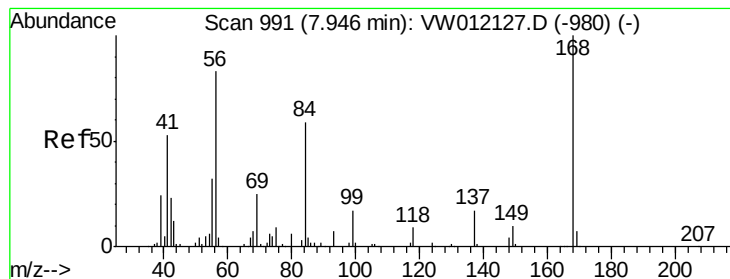
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 23 Aug 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

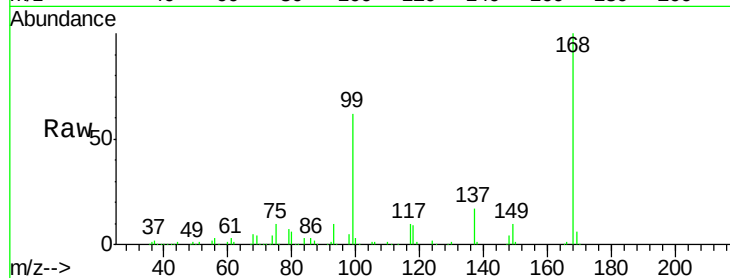
T1-2-F4-(0)

Tot Ion:168 Resp: 195624

Ion Ratio Lower Upper

168 100

99 62.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

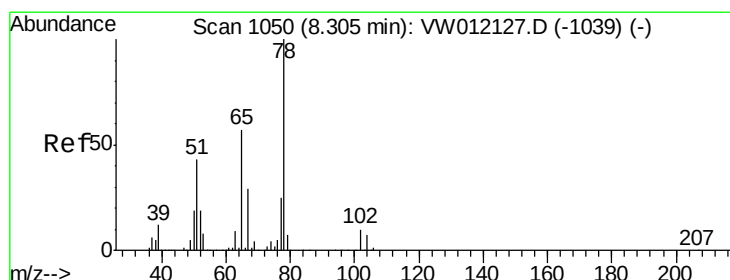
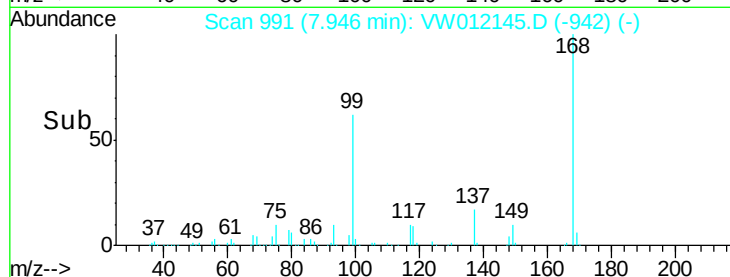
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 52.571 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012145.D

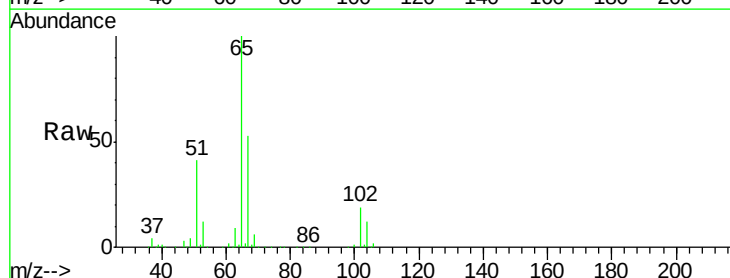
Acq: 23 Aug 2019 20:41

Tgt Ion: 65 Resp: 122254

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

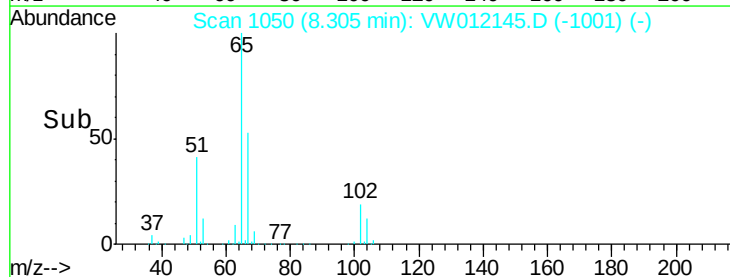
30000

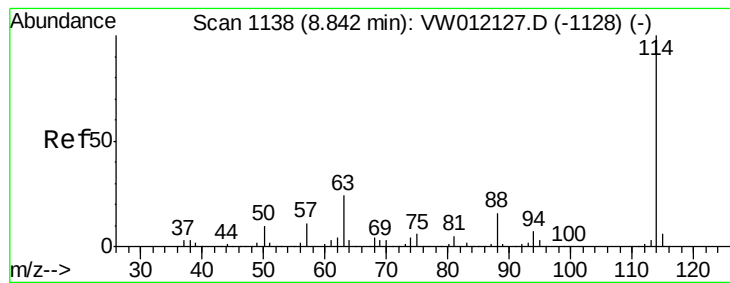
20000

10000

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: VW012145.D

Acq: 23 Aug 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F4-(0)

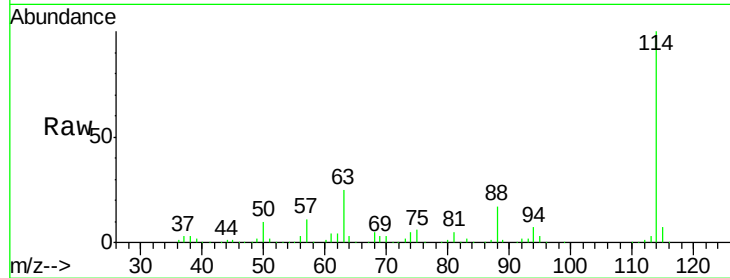
Tot Ion:114 Resp: 313053

Ion Ratio Lower Upper

114 100

63 25.1 0.0 48.6

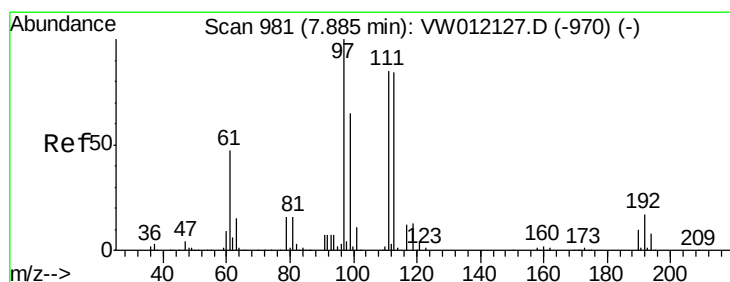
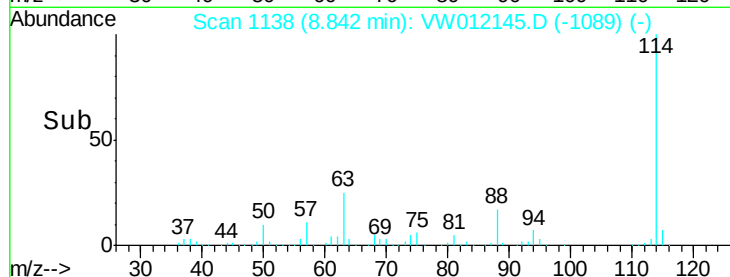
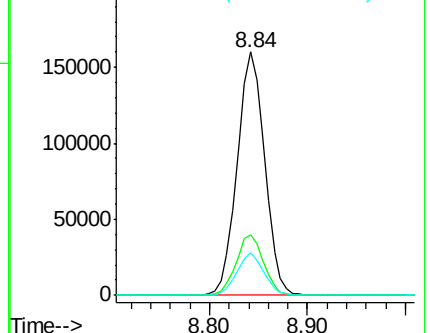
88 17.5 0.0 32.2



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: 53.339 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012145.D

Acq: 23 Aug 2019 20:41

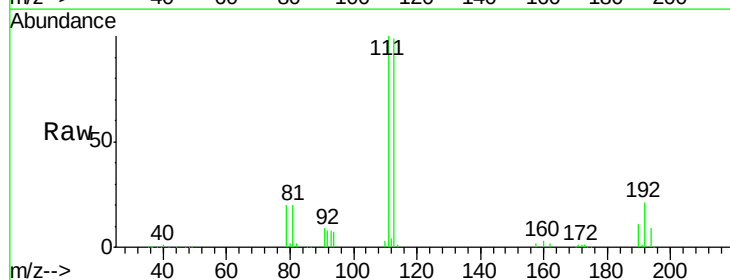
Tgt Ion:113 Resp: 99671

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

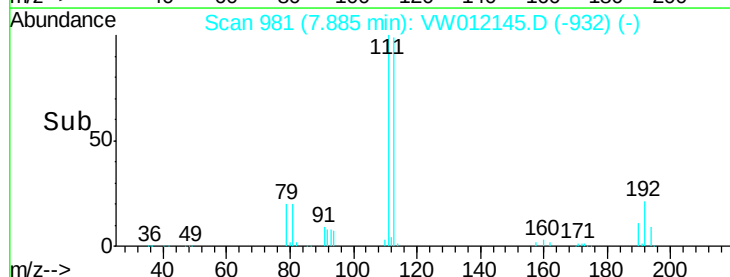
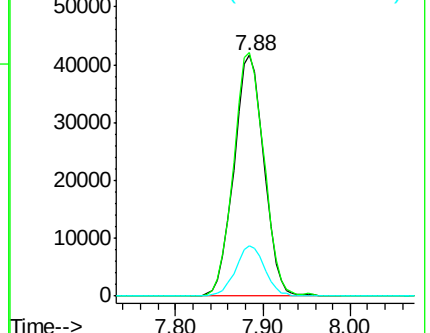
192 20.2 16.2 24.2

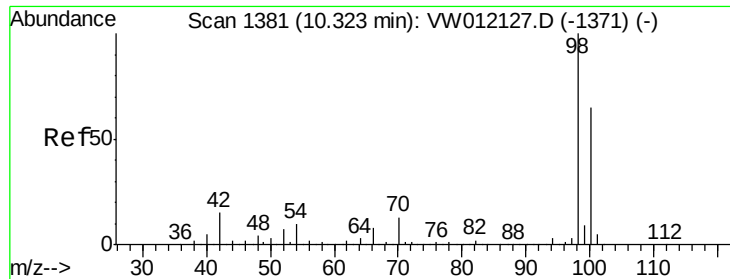


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.228 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012145.D

Acq: 23 Aug 2019 20:41

Instrument :

MSVOA_W

ClientSampleId :

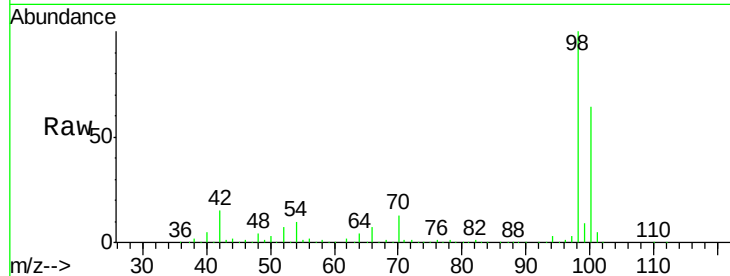
T1-2-F4-(0)

Tot Ion: 98 Resp: 365407

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

100000

50000

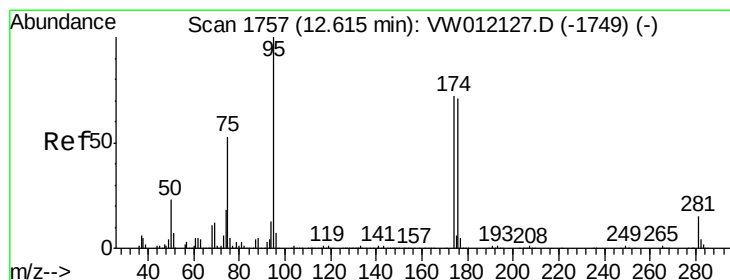
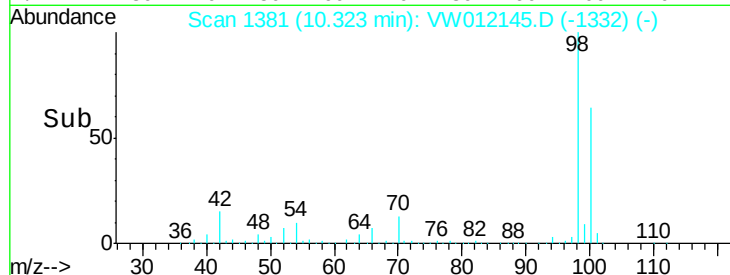
0

10.30

10.32

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 27.055 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012145.D

Acq: 23 Aug 2019 20:41

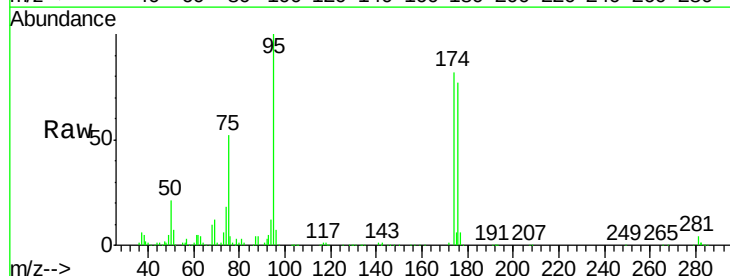
Tgt Ion: 95 Resp: 72259

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.8

176 74.2 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

60000

50000

40000

30000

20000

10000

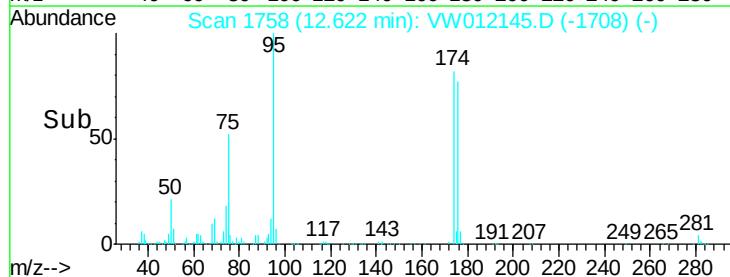
0

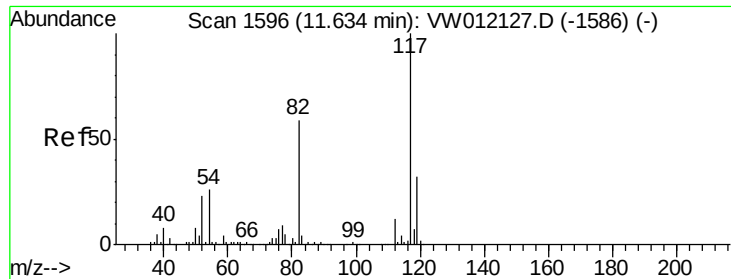
12.50

12.60

12.70

Time-->

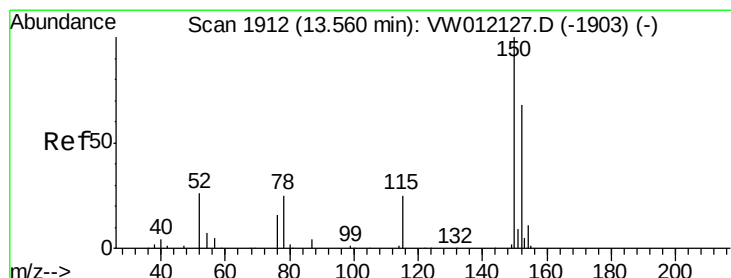
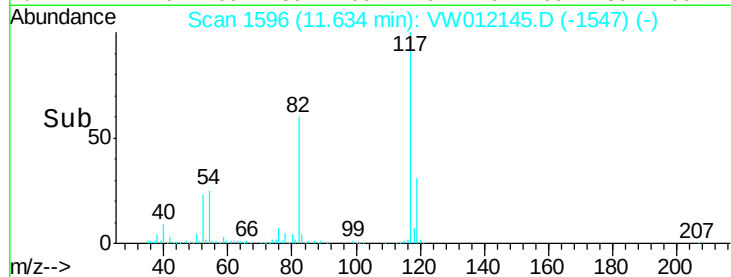
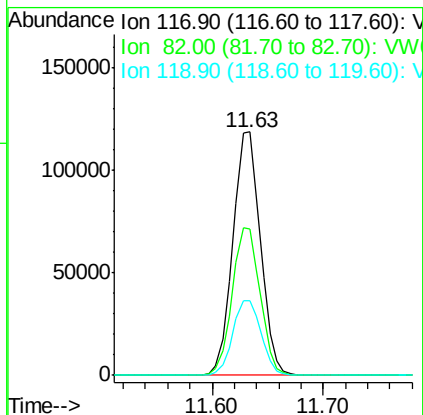
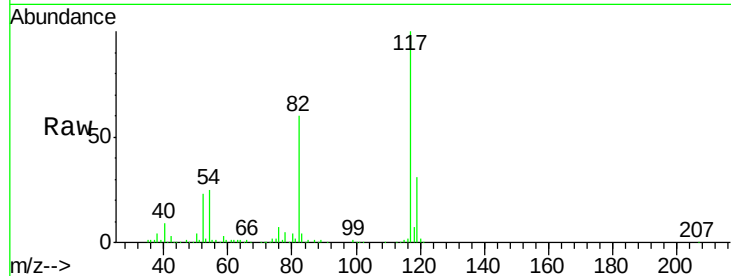




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012145.D
Acq: 23 Aug 2019 20:41

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.4	71.2
119	30.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012145.D
Acq: 23 Aug 2019 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.1	90.3
150	157.7	0.0	345.8

