

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013763.D
 Acq On : 28 Oct 2019 13:47
 Operator : SY/VA
 Sample : K5545-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

Quant Time: Oct 29 11:30:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293371	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	428826	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115757	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	122888	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.32	98	496058	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	155837	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	

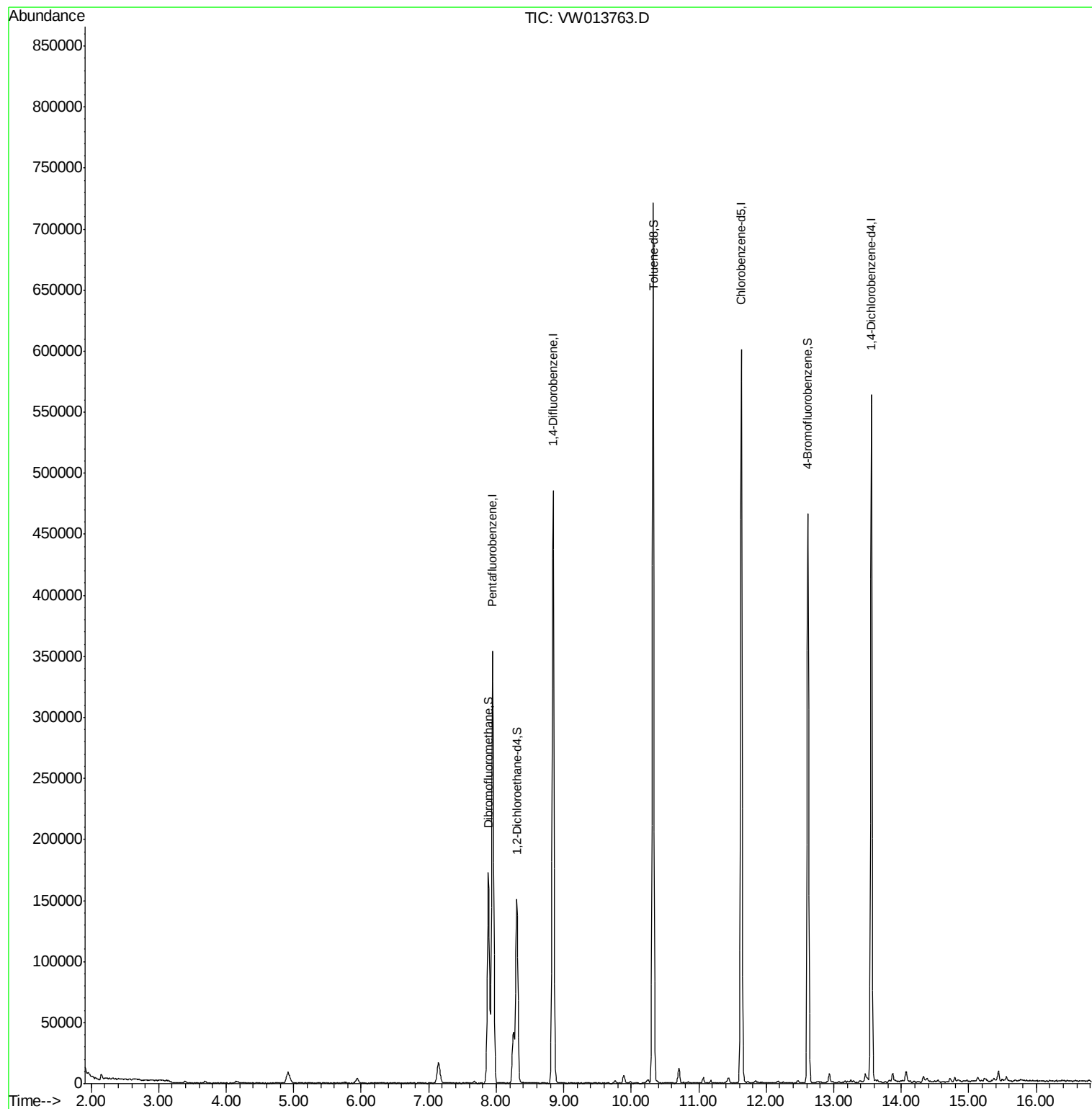
Target Compounds	Qvalue

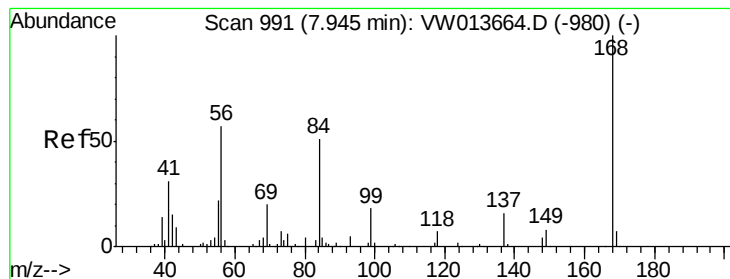
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

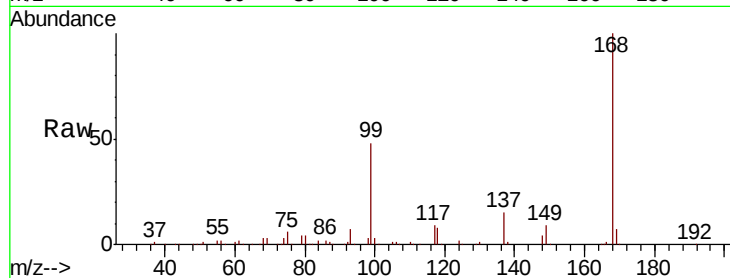
C-1A

Tot Ion:168 Resp: 293371

Ion Ratio Lower Upper

168 100

99 48.4 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

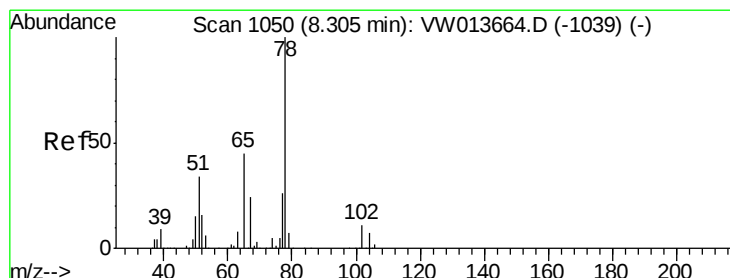
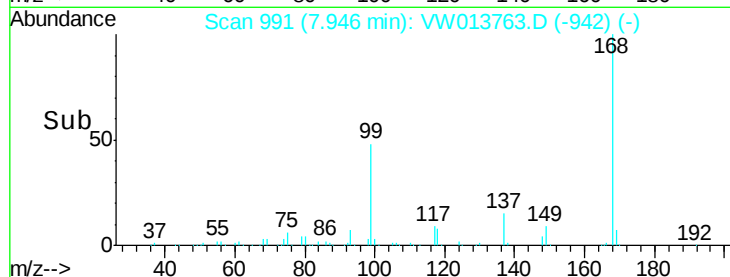
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 52.599 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013763.D

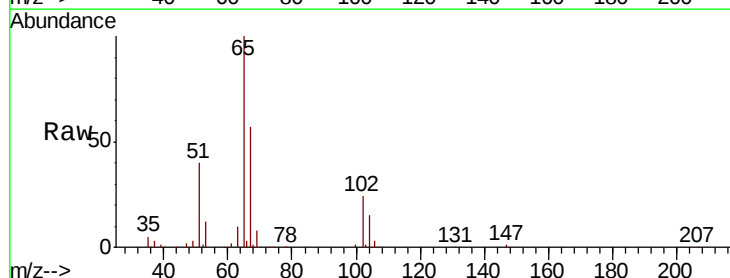
Acq: 28 Oct 2019 13:47

Tgt Ion: 65 Resp: 115757

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

60000

50000

40000

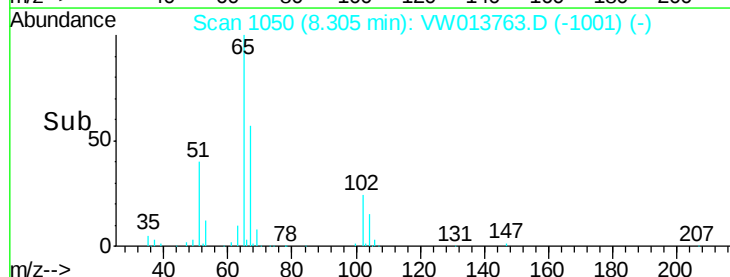
30000

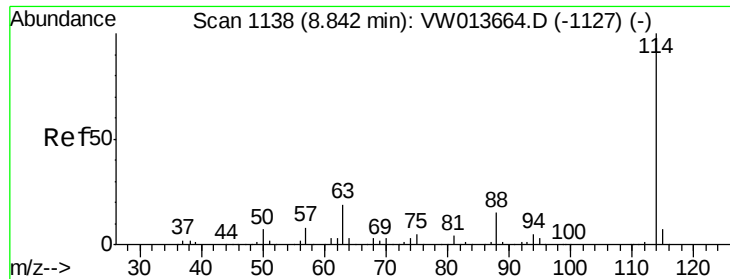
20000

10000

0

Time--> 8.20 8.30 8.40

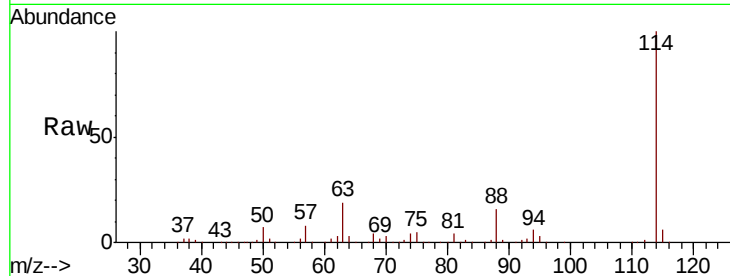




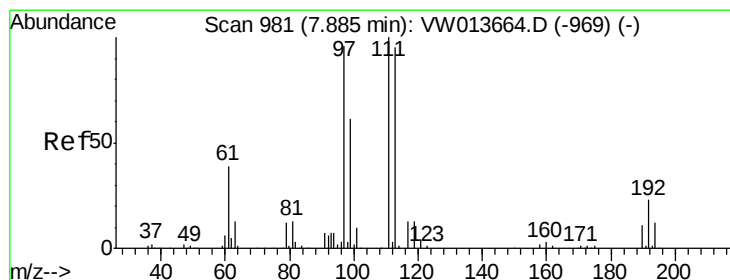
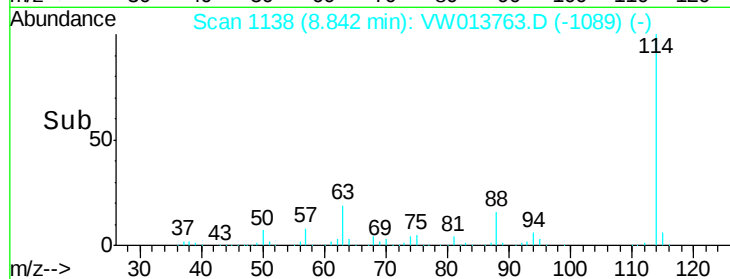
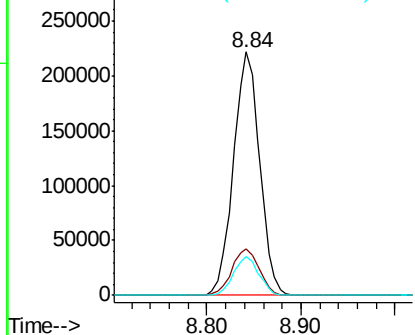
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013763.D
 Acq: 28 Oct 2019 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 C-1A

Tot Ion:114 Resp: 428826
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.7 0.0 30.2

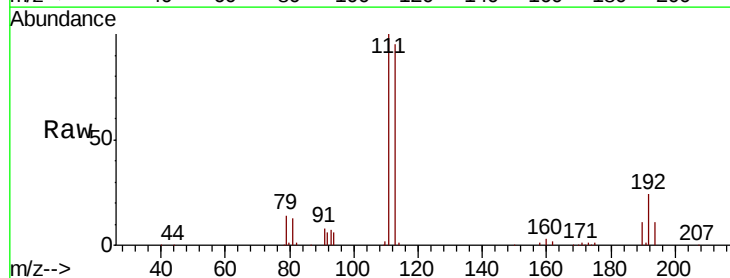


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

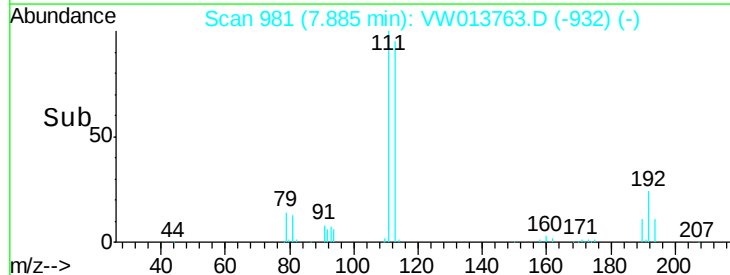
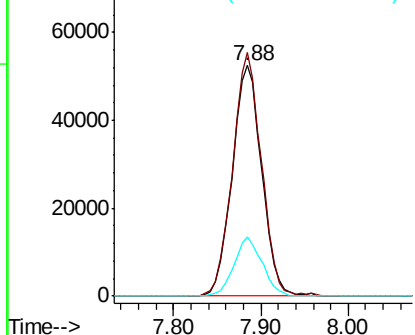


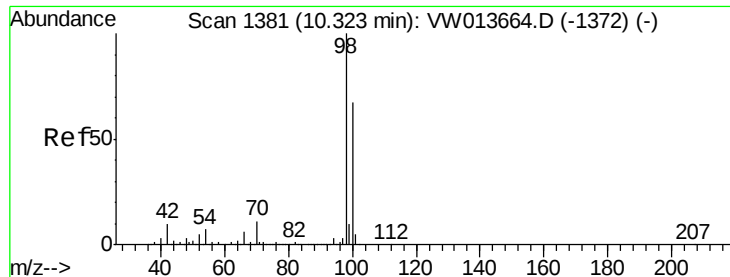
#35
 Dibromofluoromethane
 Concen: 51.573 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013763.D
 Acq: 28 Oct 2019 13:47

Tgt Ion:113 Resp: 122888
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.6
 192 24.6 19.4 29.2



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: 51.091 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

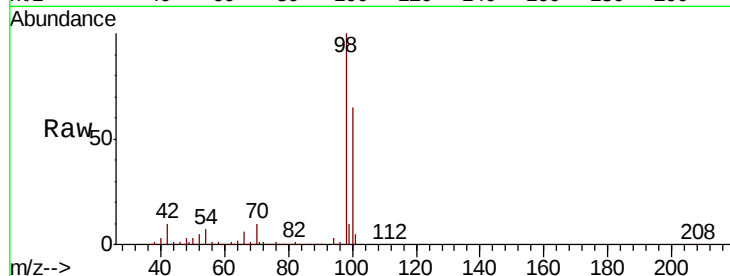
C-1A

Tot Ion: 98 Resp: 496058

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

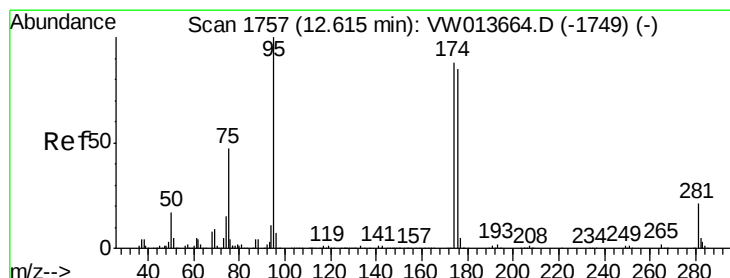
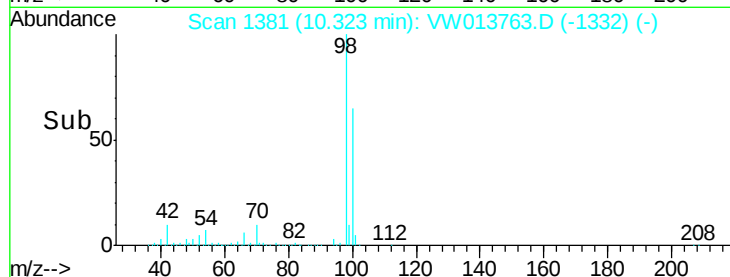
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.402 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013763.D

Acq: 28 Oct 2019 13:47

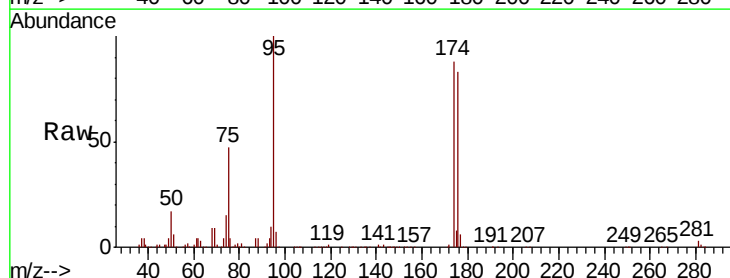
Tgt Ion: 95 Resp: 155837

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.6

176 88.0 0.0 178.0



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

120000

100000

80000

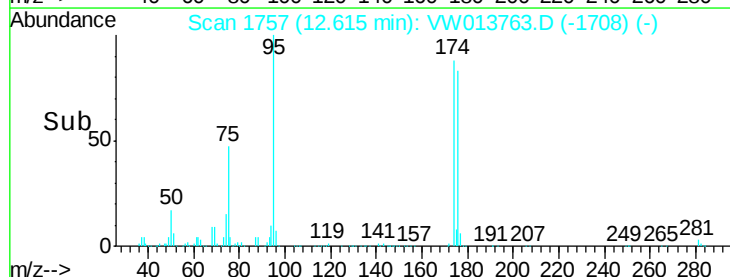
60000

40000

20000

0

Time--> 12.60 12.70

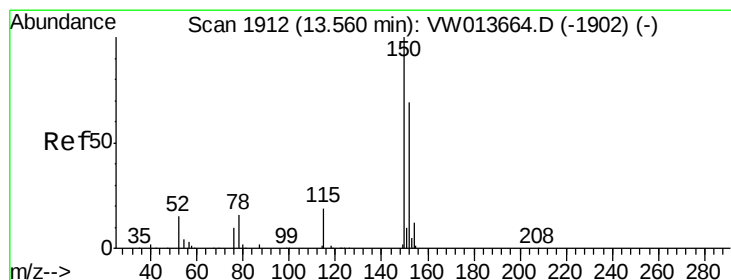
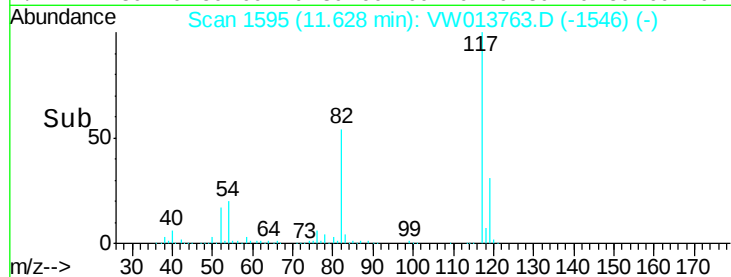
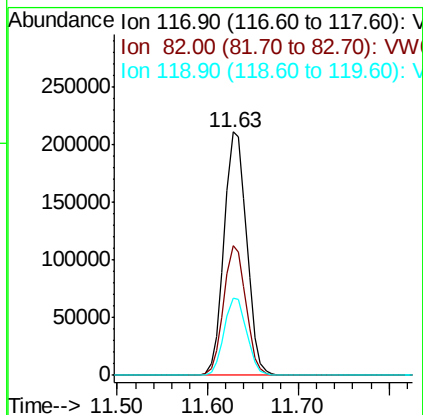
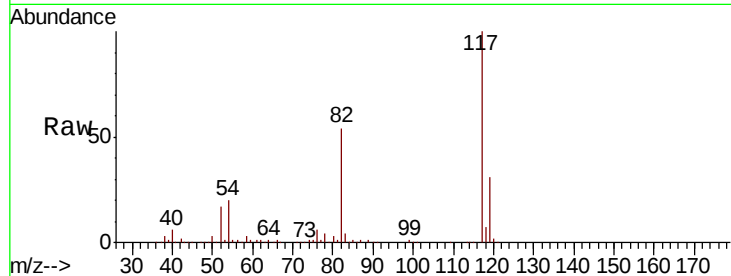




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013763.D
Acq: 28 Oct 2019 13:47

Instrument :
MSVOA_W
ClientSampled :
C-1A

Tot Ion:117 Resp: 365577
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 31.5 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: VW013763.D
Acq: 28 Oct 2019 13:47

Tgt Ion:152 Resp: 164919
Ion Ratio Lower Upper
152 100
115 54.4 27.4 82.2
150 156.6 0.0 345.4

