

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012721.D
 Acq On : 07 Sep 2019 16:04
 Operator : SY/VA
 Sample : K4581-12
 Misc : 4.59G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D1-(0)

Quant Time: Sep 08 05:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112113	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	141564	54.74	ug/l	0.00
Spiked Amount			Recovery	=	109.48%	
35) Dibromofluoromethane	7.88	113	106906	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
50) Toluene-d8	10.32	98	431327	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	12.62	95	125402	40.79	ug/l	0.00
Spiked Amount			Recovery	=	81.58%	

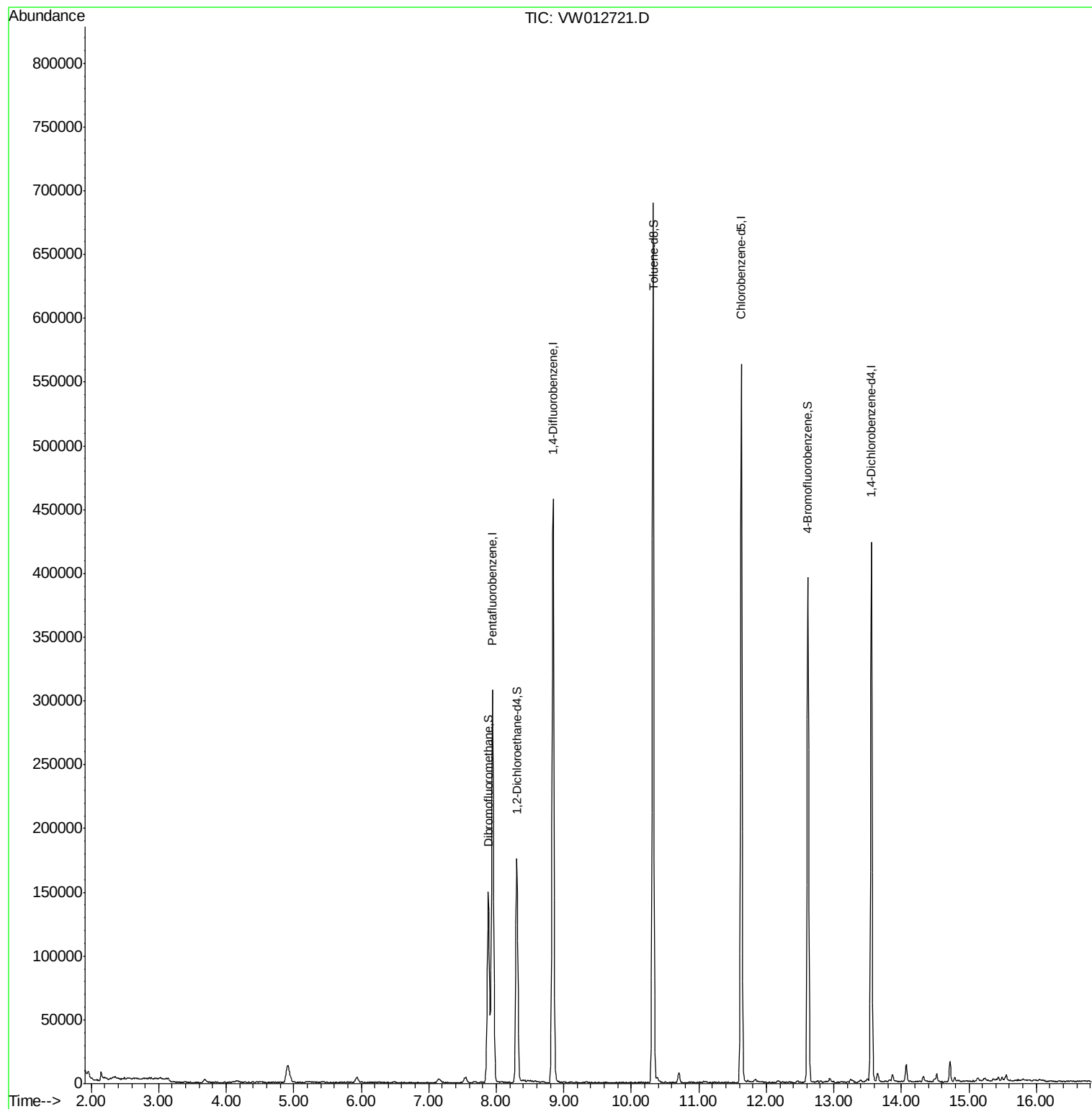
Target Compounds	Qvalue
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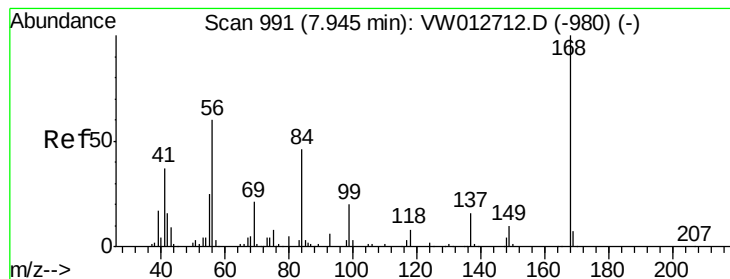
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012721.D

Acq: 07 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

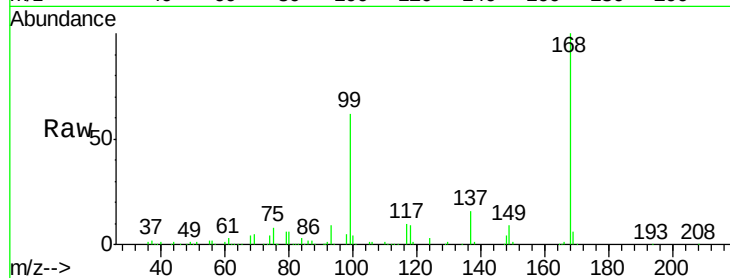
T12-D1-(0)

Tot Ion:168 Resp: 231441

Ion Ratio Lower Upper

168 100

99 62.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

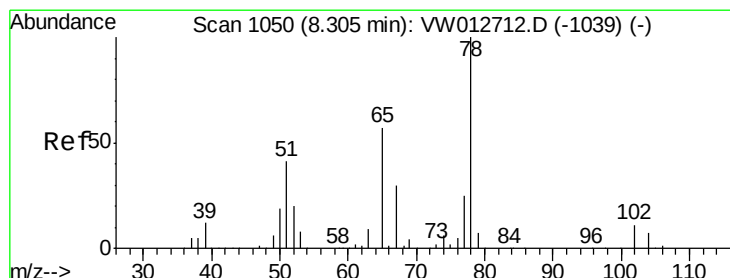
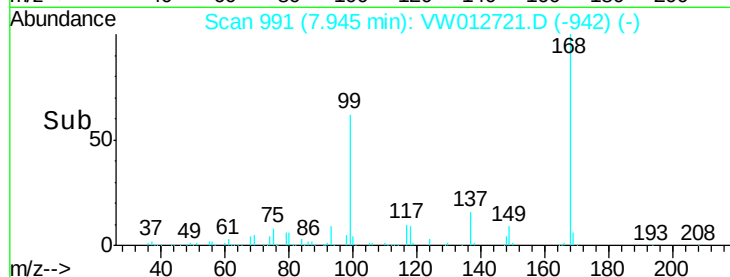
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.743 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012721.D

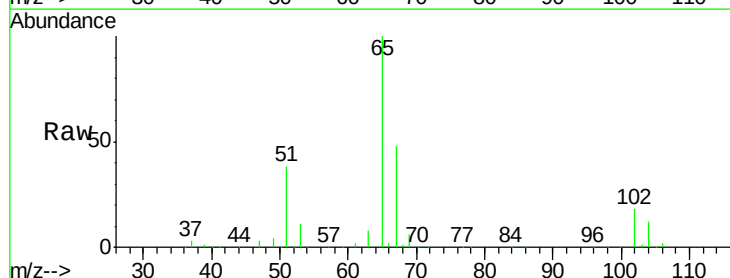
Acq: 07 Sep 2019 16:04

Tgt Ion: 65 Resp: 141564

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

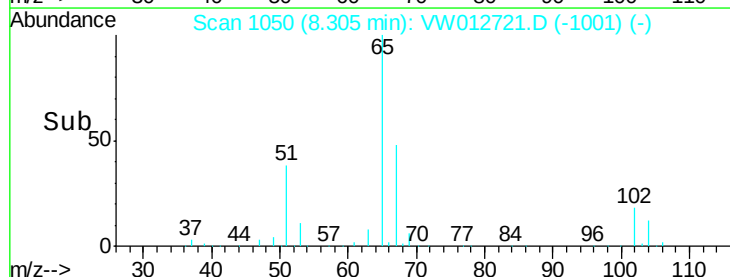
40000

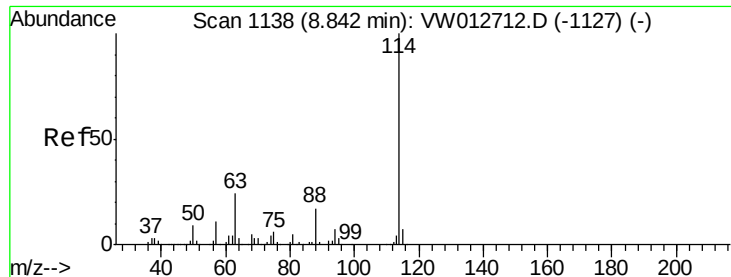
20000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012721.D

Acq: 07 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

T12-D1-(0)

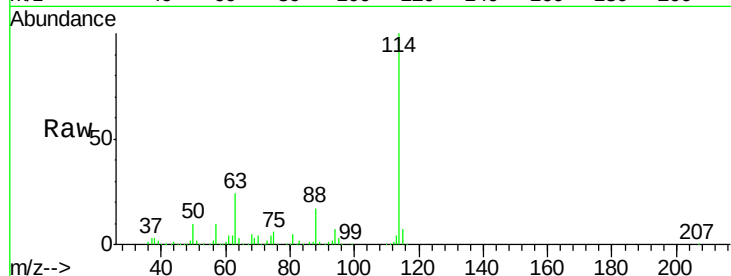
Tot Ion:114 Resp: 363547

Ion Ratio Lower Upper

114 100

63 24.1 0.0 47.2

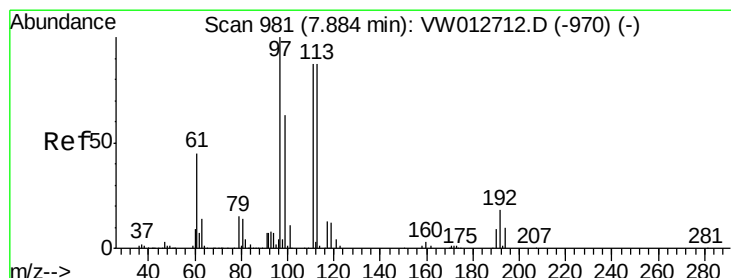
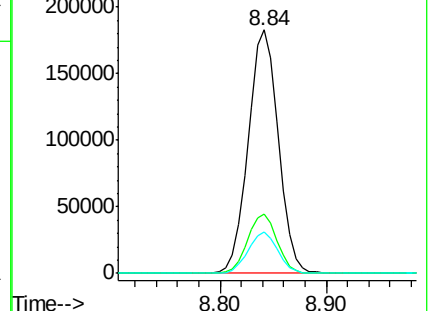
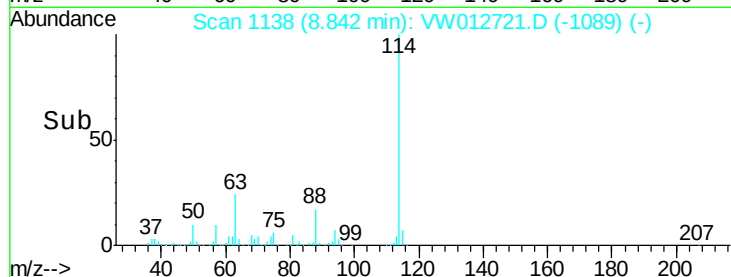
88 17.0 0.0 34.0



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: 49.462 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012721.D

Acq: 07 Sep 2019 16:04

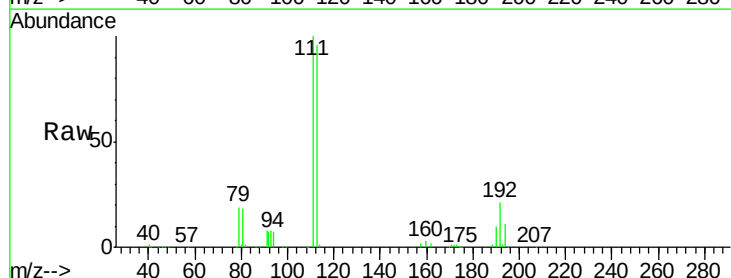
Tgt Ion:113 Resp: 106906

Ion Ratio Lower Upper

113 100

111 102.9 80.2 120.4

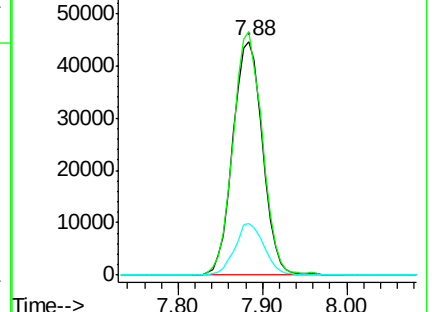
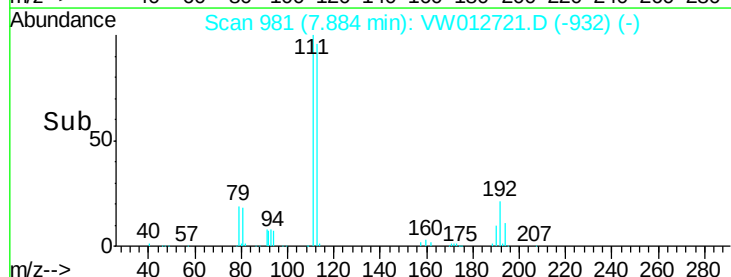
192 21.5 17.3 25.9

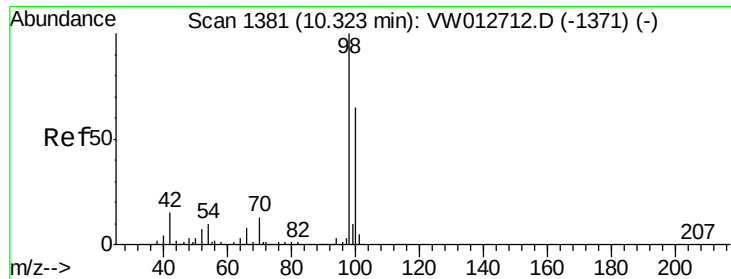


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.937 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012721.D

Acq: 07 Sep 2019 16:04

Instrument :

MSVOA_W

ClientSampleId :

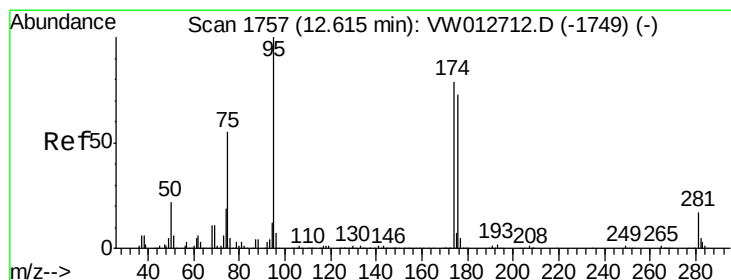
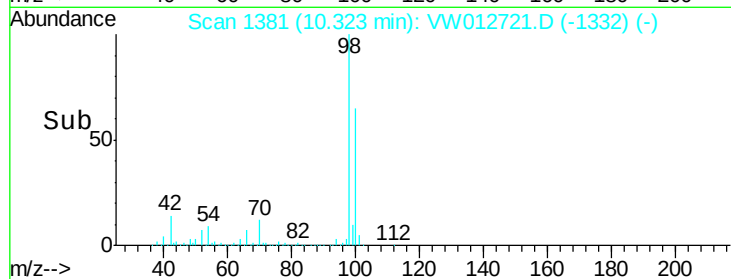
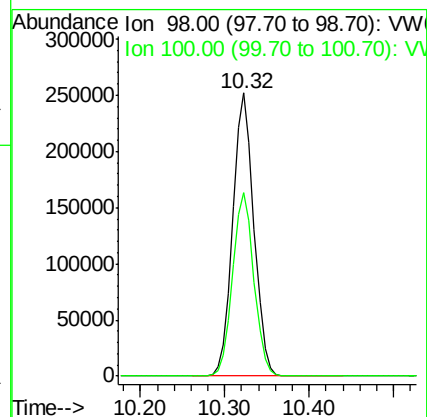
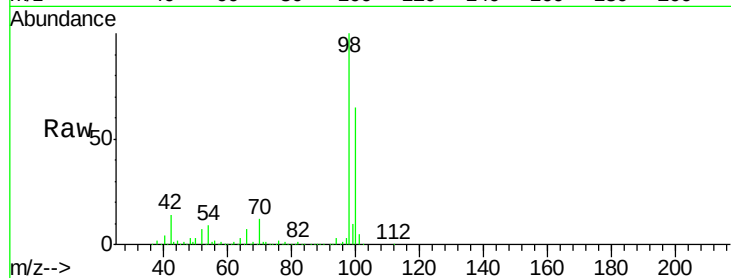
T12-D1-(0)

Tot Ion: 98 Resp: 431327

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 40.793 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012721.D

Acq: 07 Sep 2019 16:04

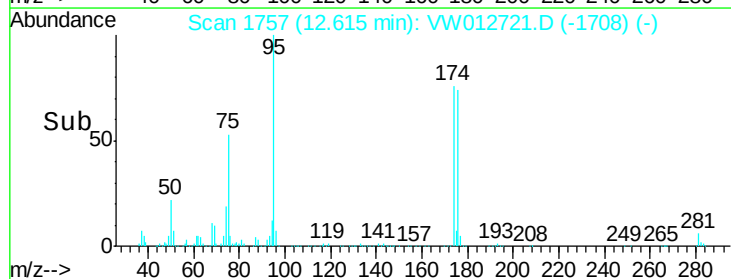
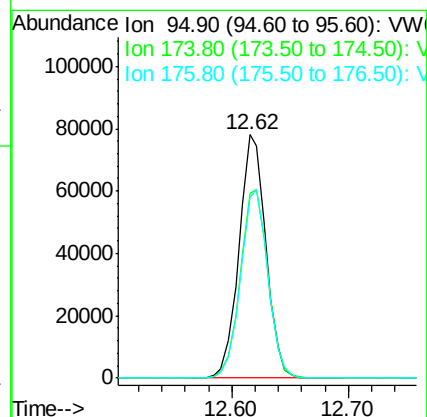
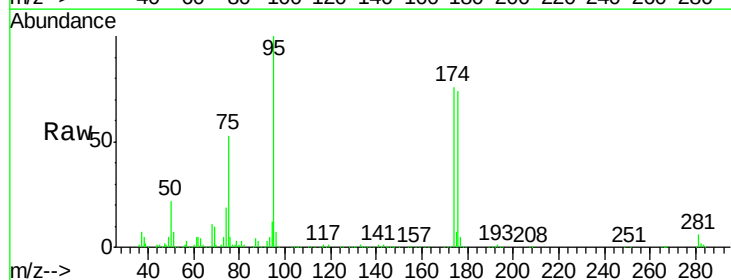
Tgt Ion: 95 Resp: 125402

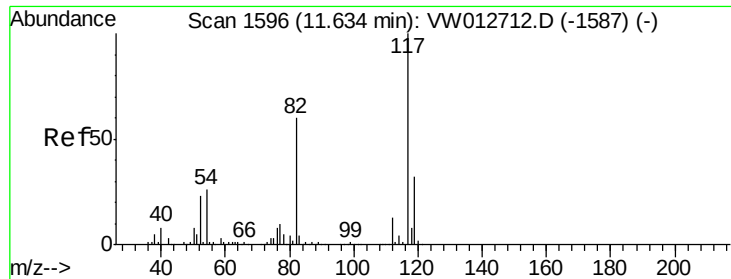
Ion Ratio Lower Upper

95 100

174 79.8 0.0 161.0

176 78.7 0.0 156.4

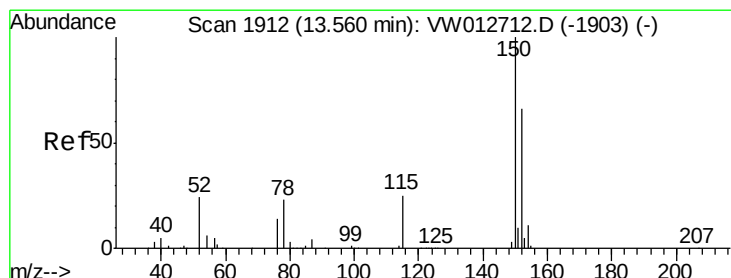
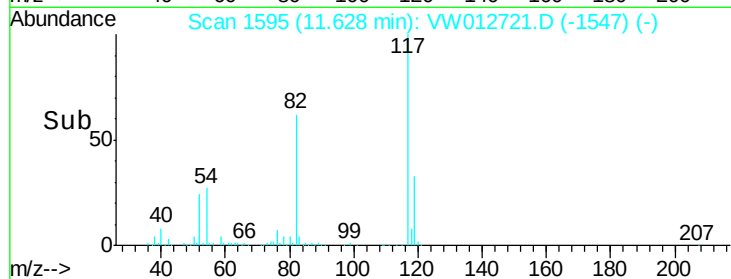
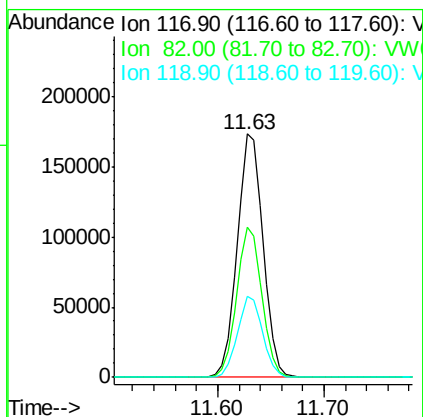
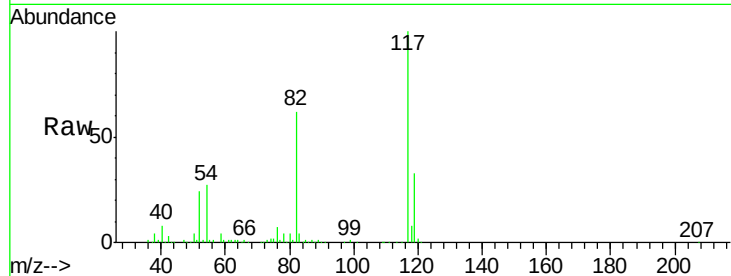




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012721.D
Acq: 07 Sep 2019 16:04

Instrument :
MSVOA_W
ClientSampleId :
T12-D1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	48.2	72.4
119	33.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012721.D
Acq: 07 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.1
150	158.0	0.0	349.0

