

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015283.D
 Acq On : 22 Apr 2020 01:04
 Operator : SY/VA
 Sample : L2314-11
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-6-2

Quant Time: Apr 22 08:02:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	112516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	76973	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	7.88	113	78855	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	337457	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.62	95	111228	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

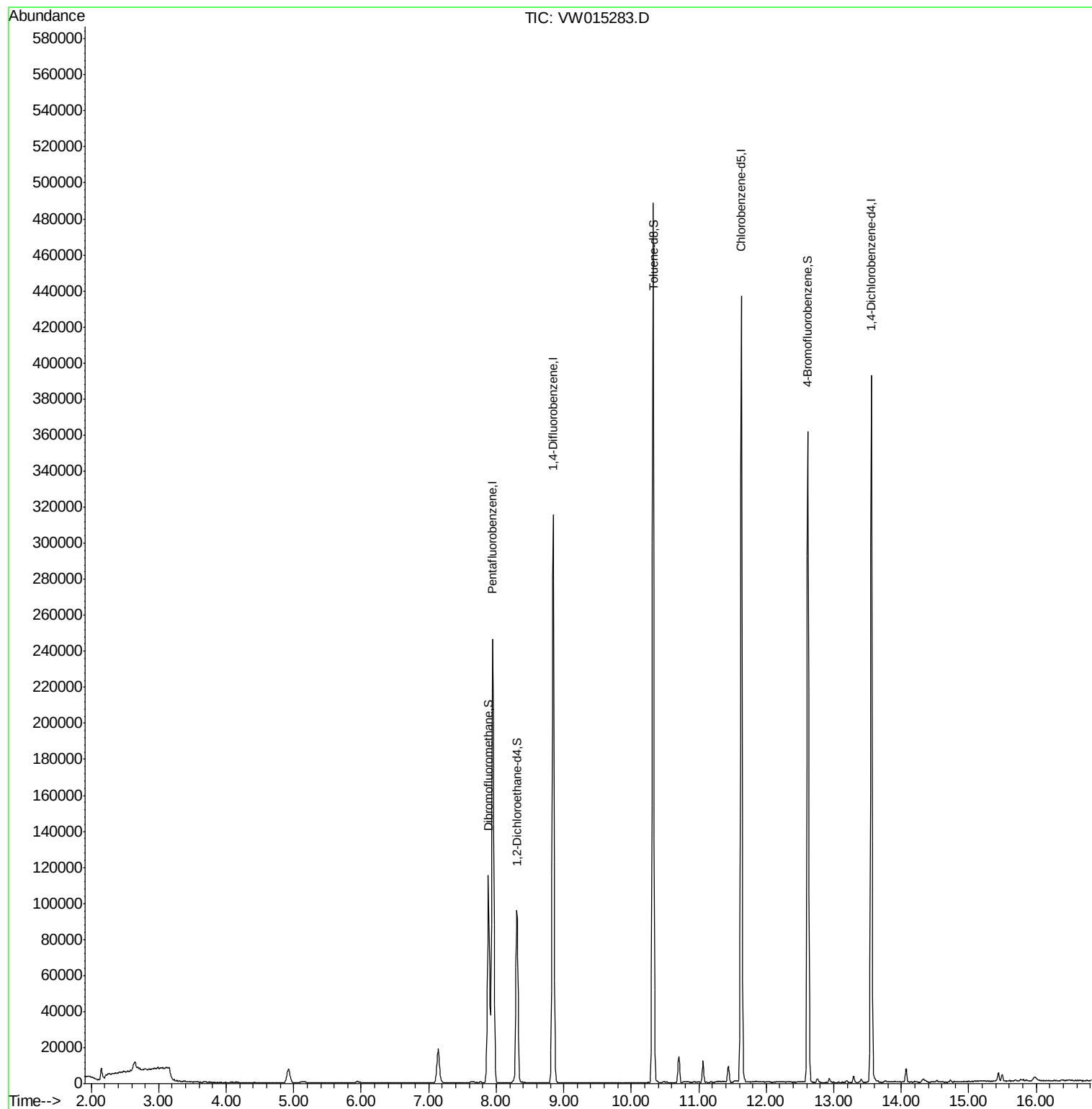
Target Compounds	Qvalue
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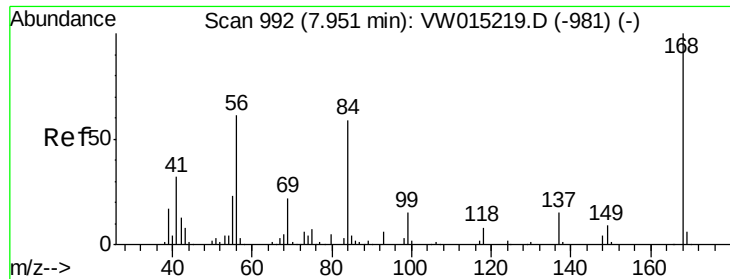
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

ClientSampled :

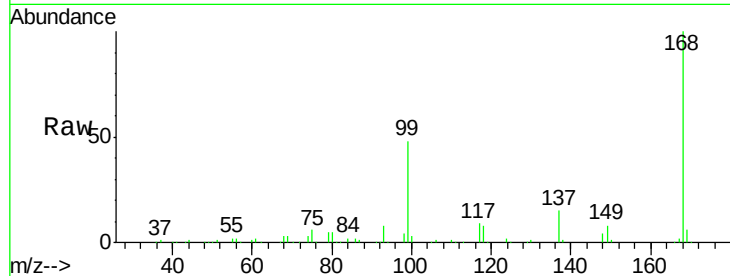
WB-6-2

Tot Ion:168 Resp: 205748

Ion Ratio Lower Upper

168 100

99 48.1 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

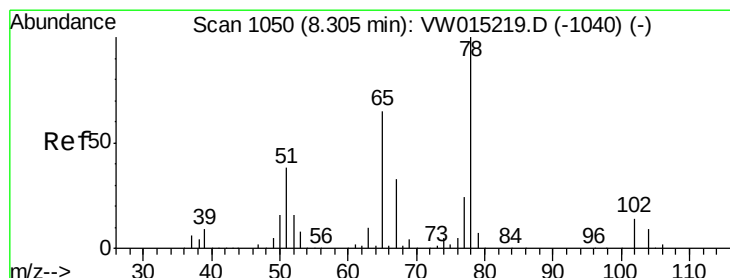
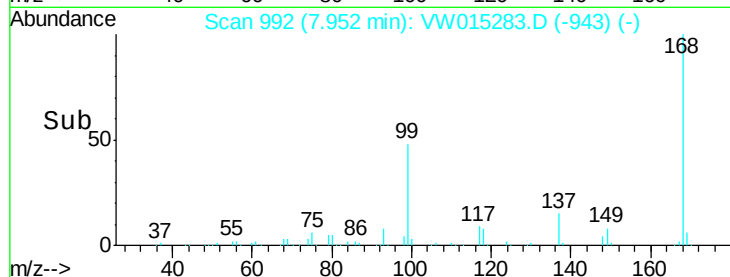
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 45.749 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015283.D

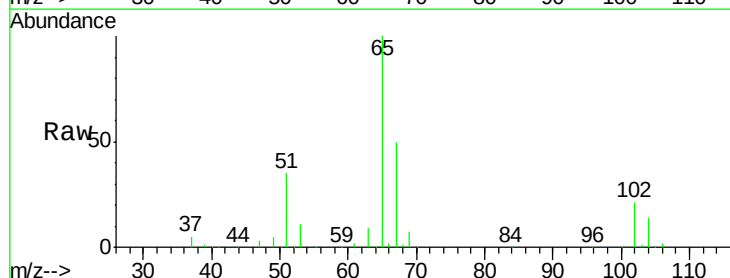
Acq: 22 Apr 2020 01:04

Tgt Ion: 65 Resp: 76973

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

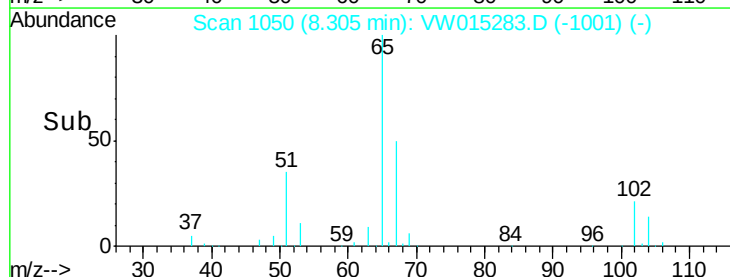
30000

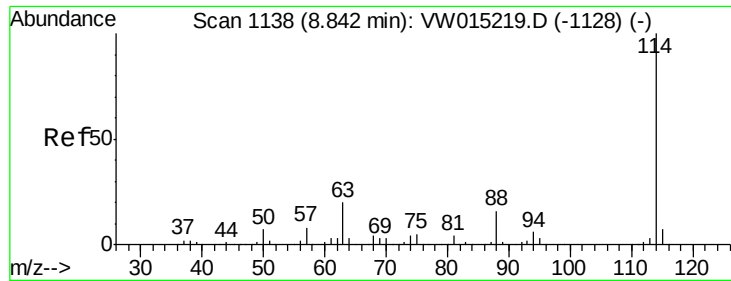
20000

10000

0

Time--> 8.20 8.30 8.40 8.50

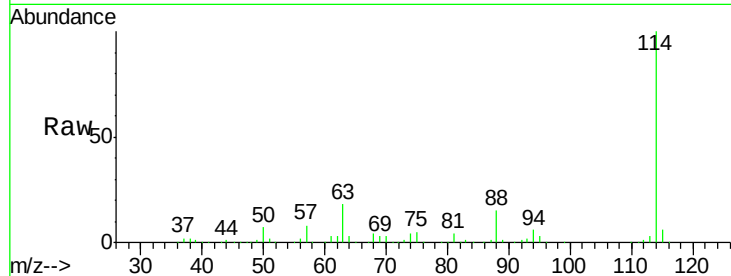




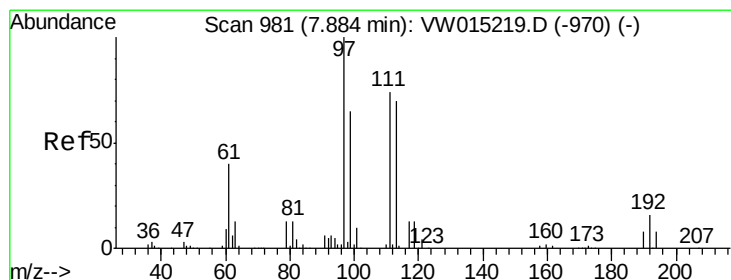
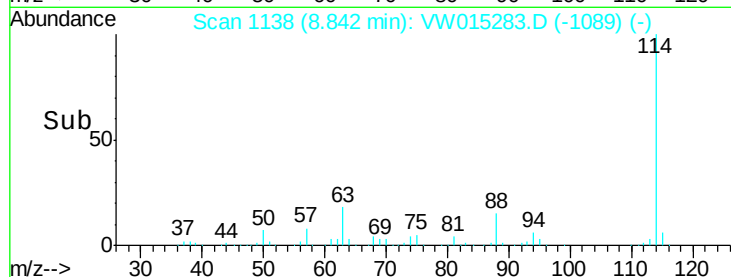
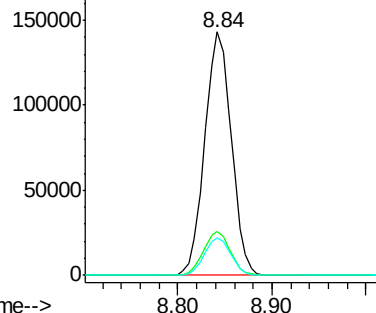
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015283.D
 Acq: 22 Apr 2020 01:04

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-6-2

Tot Ion:114 Resp: 280473
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 39.8
 88 15.3 0.0 30.2

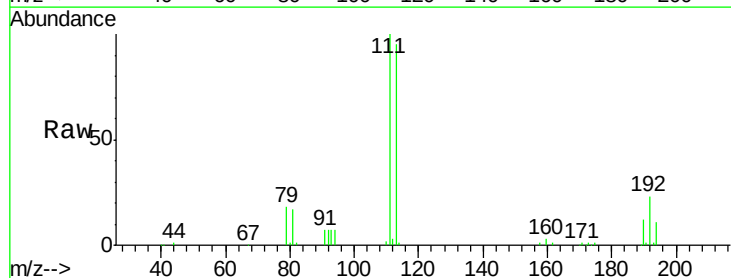


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

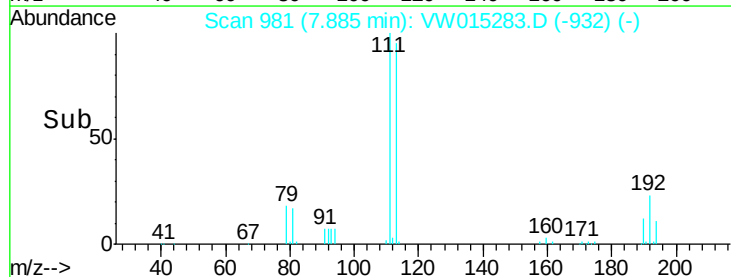
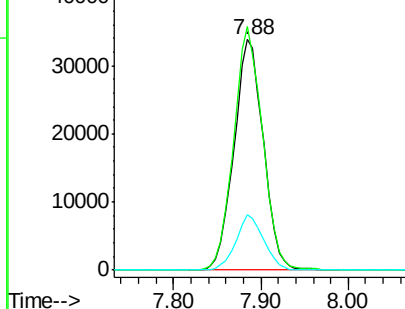


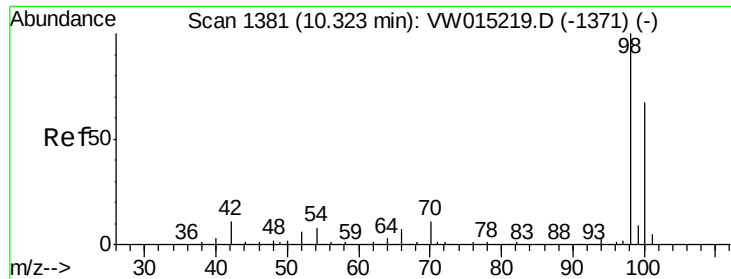
#35
 Dibromofluoromethane
 Concen: 50.757 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015283.D
 Acq: 22 Apr 2020 01:04

Tgt Ion:113 Resp: 78855
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.0 124.4
 192 22.7 15.1 22.7#



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: 51.635 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

Instrument :

MSVOA_W

ClientSampleId :

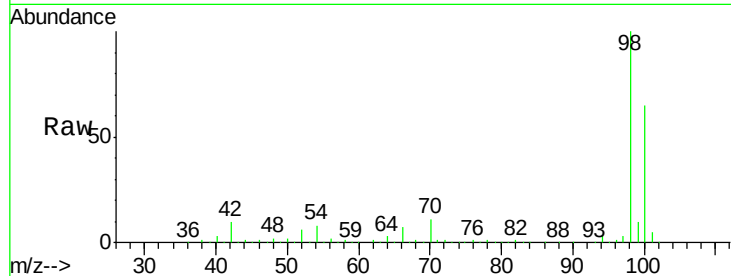
WB-6-2

Tot Ion: 98 Resp: 337457

Ion Ratio Lower Upper

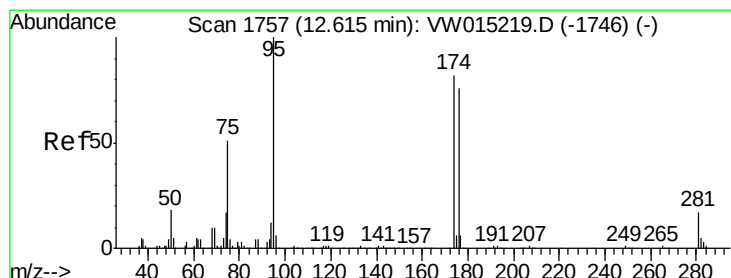
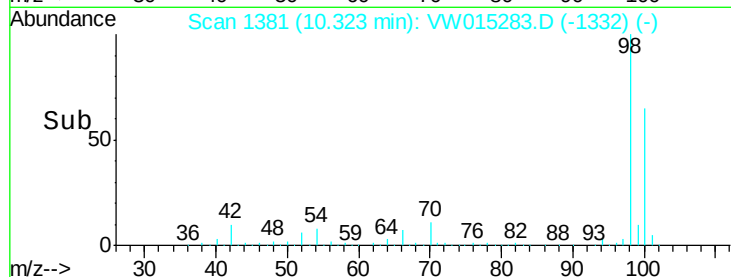
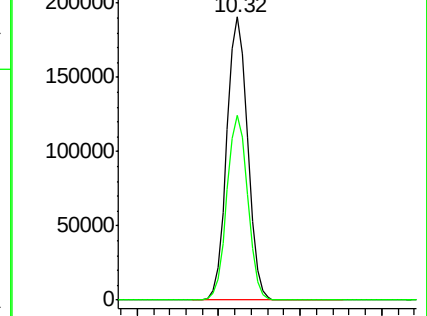
98 100

100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.605 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015283.D

Acq: 22 Apr 2020 01:04

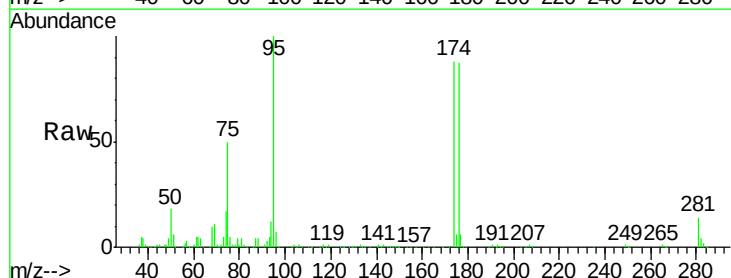
Tgt Ion: 95 Resp: 111228

Ion Ratio Lower Upper

95 100

174 91.4 0.0 144.4

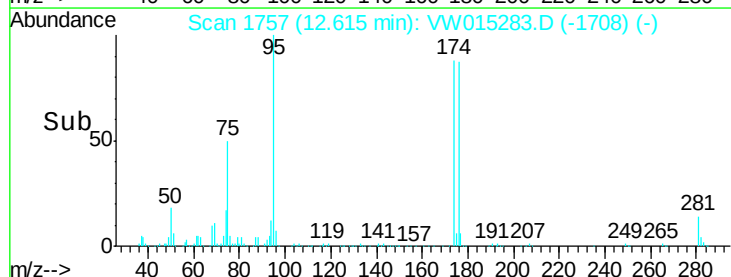
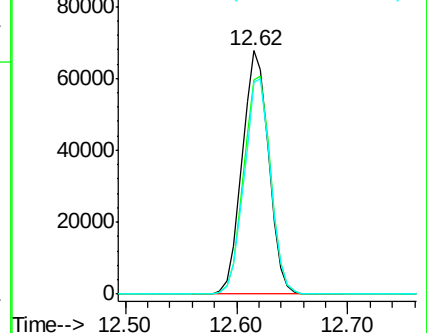
176 88.3 0.0 140.6

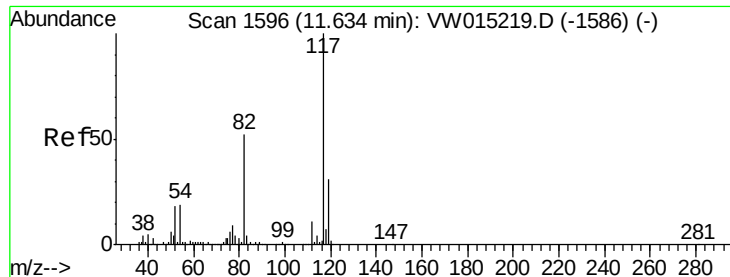


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

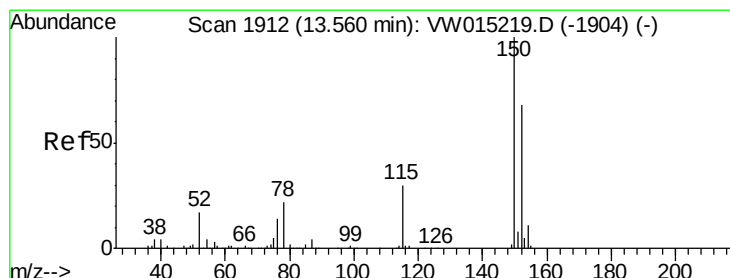
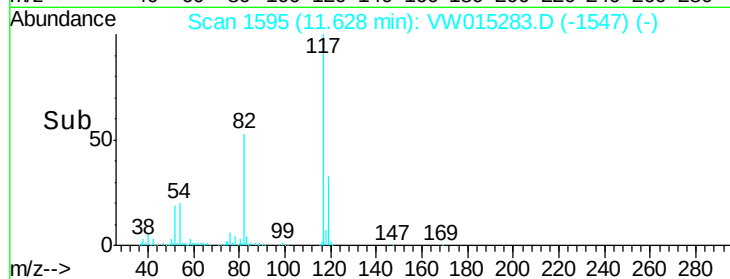
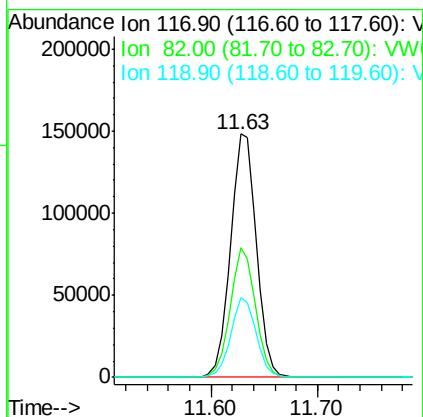
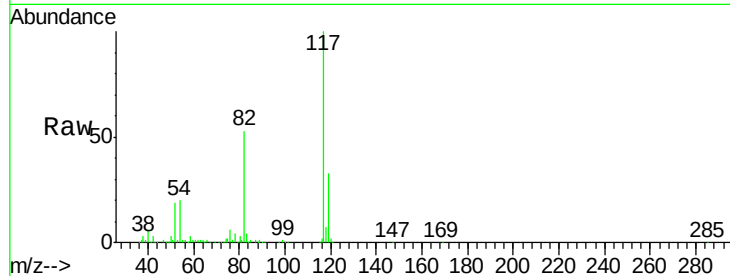




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

Instrument :
MSVOA_W
ClientSampleId :
WB-6-2

Tot Ion:117 Resp: 251971
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 32.9 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015283.D
Acq: 22 Apr 2020 01:04

Tgt Ion:152 Resp: 112516
Ion Ratio Lower Upper
152 100
115 55.8 31.3 93.9
150 157.0 0.0 343.4

