

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015679.D
 Acq On : 24 Jun 2020 13:35
 Operator : SY/VA
 Sample : L3082-02
 Misc : 4.42G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2

Quant Time: Jun 25 02:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	281648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117101	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	106560	61.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.02%	
35) Dibromofluoromethane	7.88	113	90510	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.33	98	351399	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	119024	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

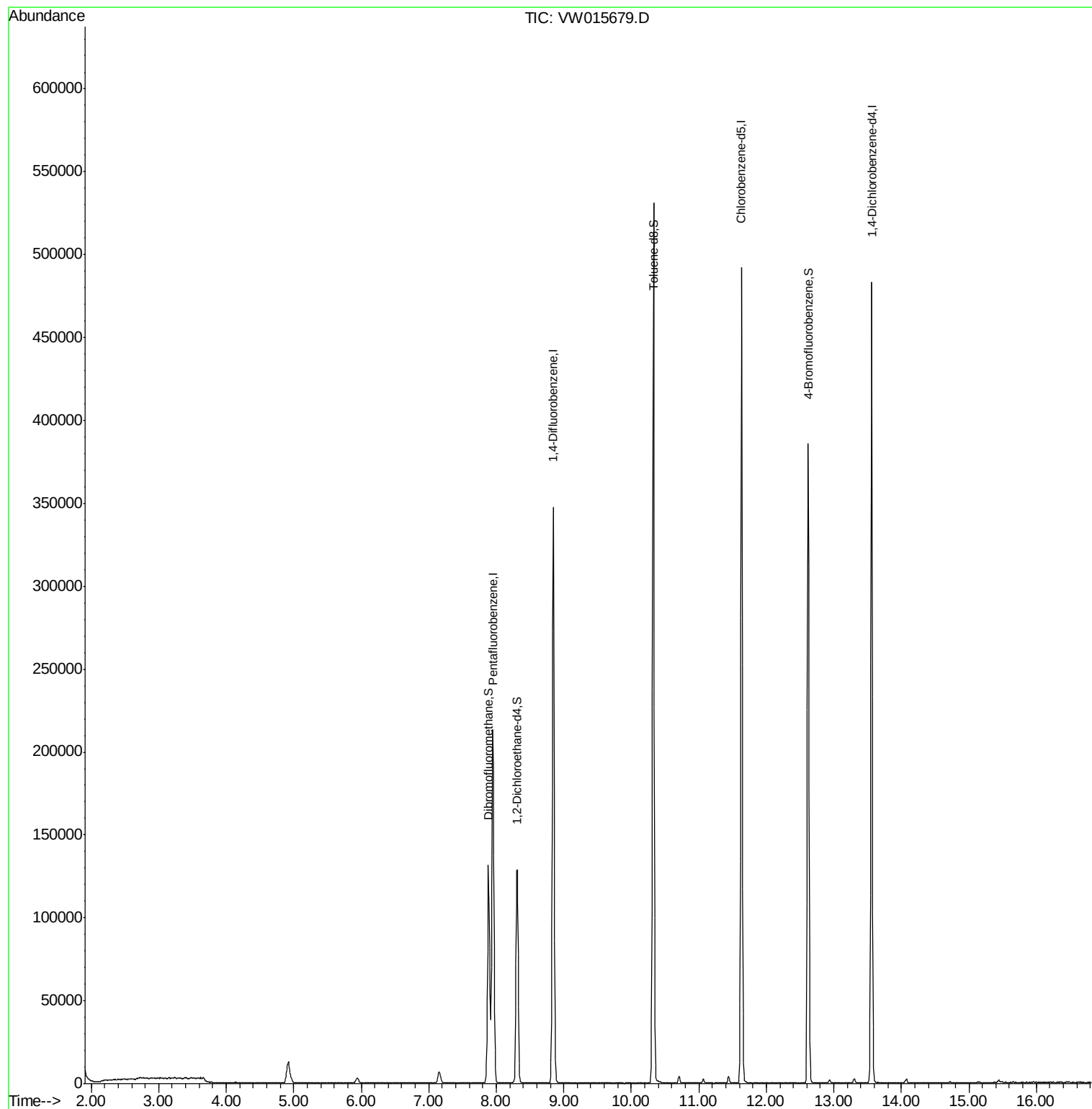
Target Compounds	Qvalue
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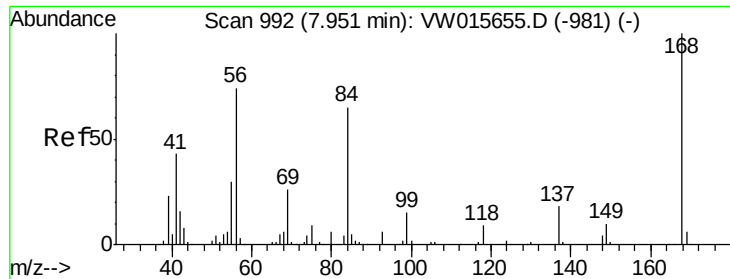
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015679.D

Acq: 24 Jun 2020 13:35

Instrument :

MSVOA_W

ClientSampled :

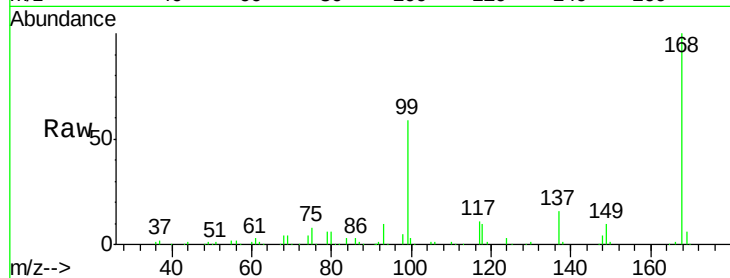
SB-2

Tot Ion:168 Resp: 156983

Ion Ratio Lower Upper

168 100

99 59.2 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

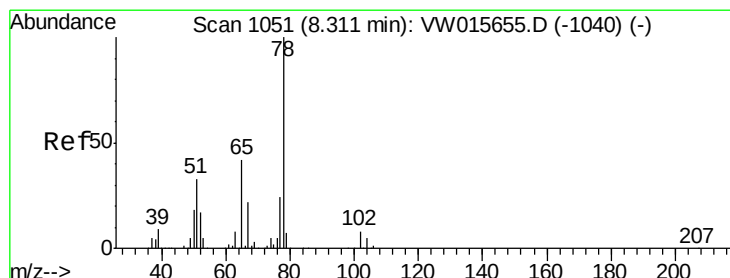
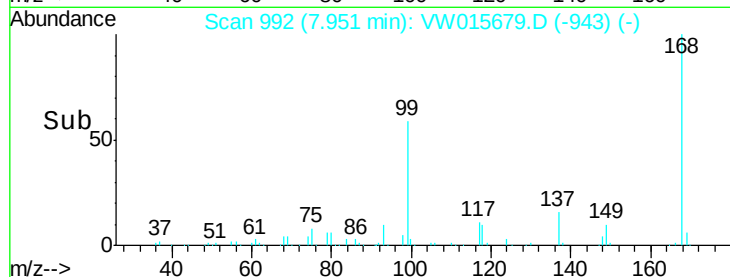
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.008 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015679.D

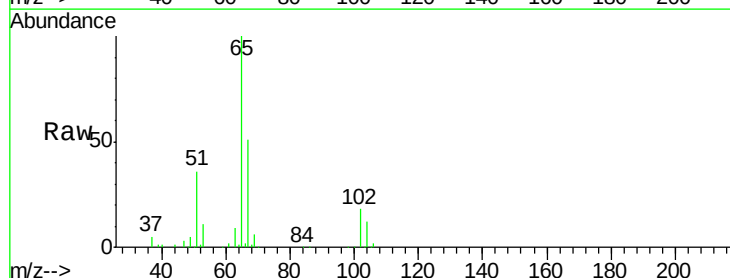
Acq: 24 Jun 2020 13:35

Tgt Ion: 65 Resp: 106560

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

50000

40000

30000

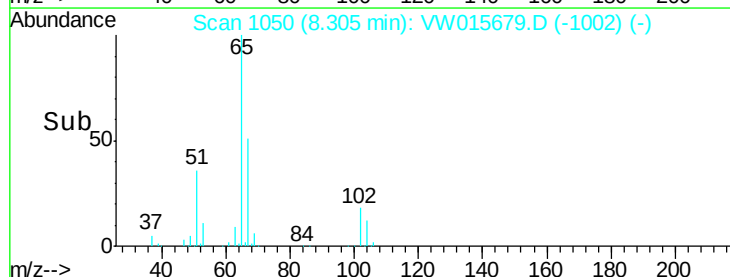
20000

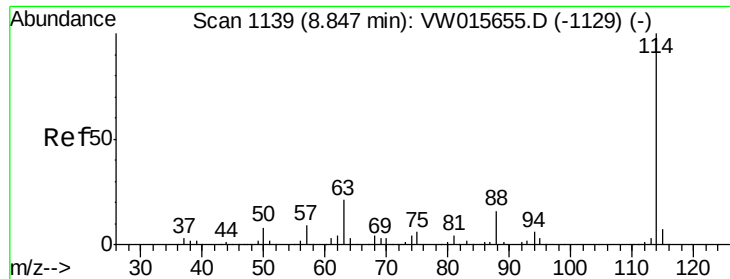
10000

0

8.20 8.30 8.40

Time-->

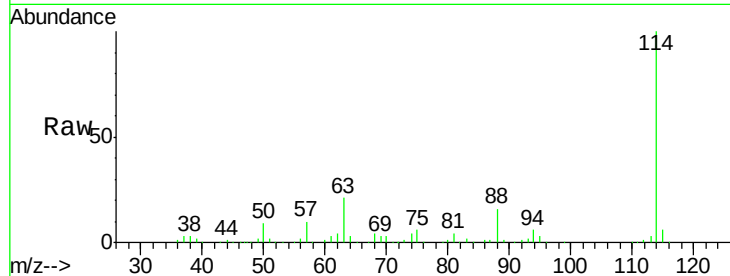




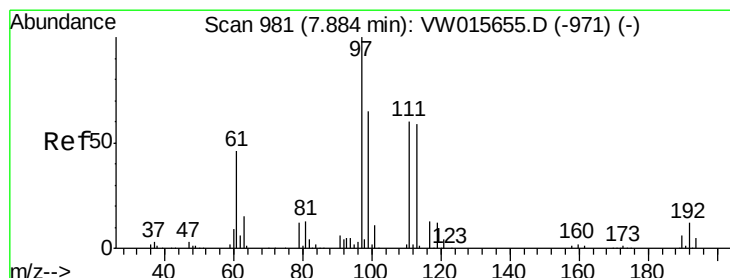
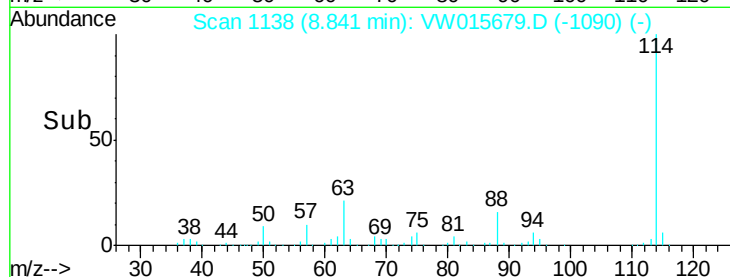
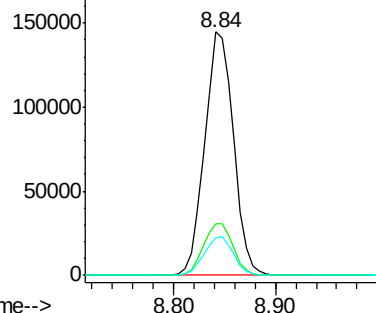
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015679.D
Acq: 24 Jun 2020 13:35

Instrument :
MSVOA_W
ClientSampleId :
SB-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.4
88	15.5	0.0	32.6

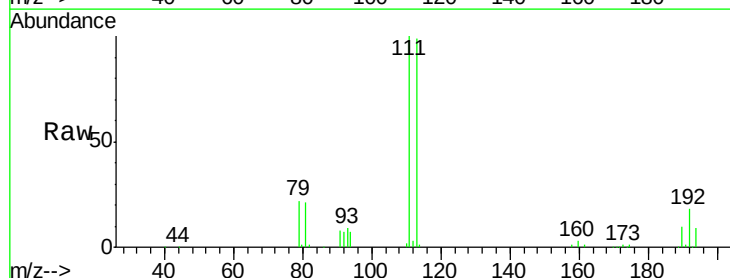


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

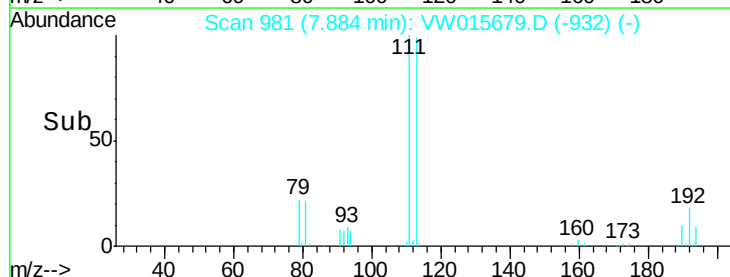
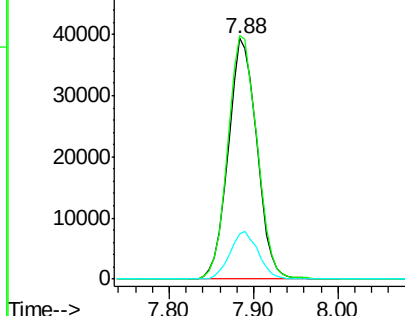


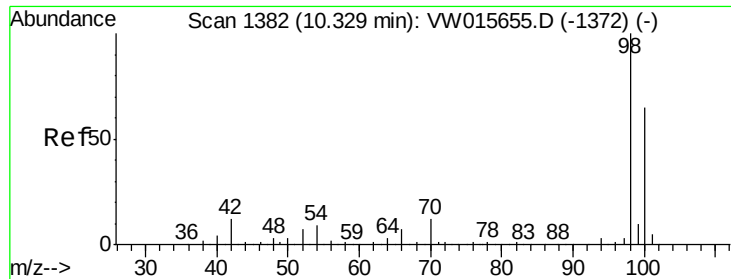
#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015679.D
Acq: 24 Jun 2020 13:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	19.4	16.4	24.6



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: 50.400 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW015679.D

Acq: 24 Jun 2020 13:35

Instrument :

MSVOA_W

ClientSampled :

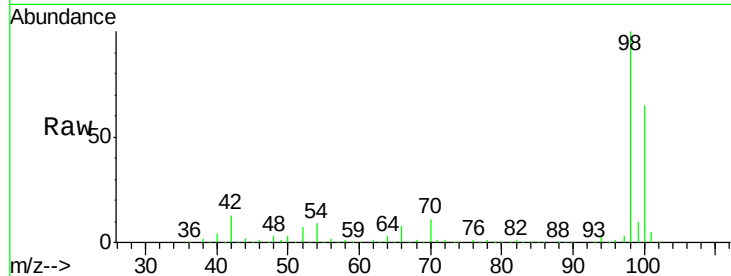
SB-2

Tot Ion: 98 Resp: 351399

Ion Ratio Lower Upper

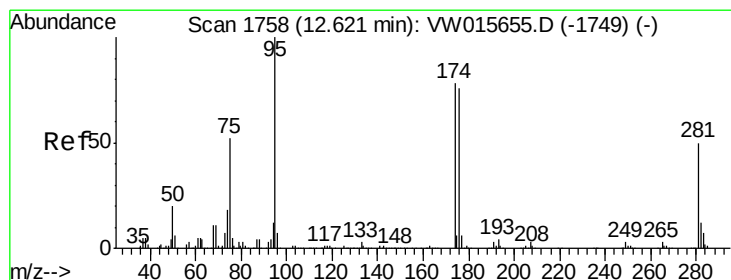
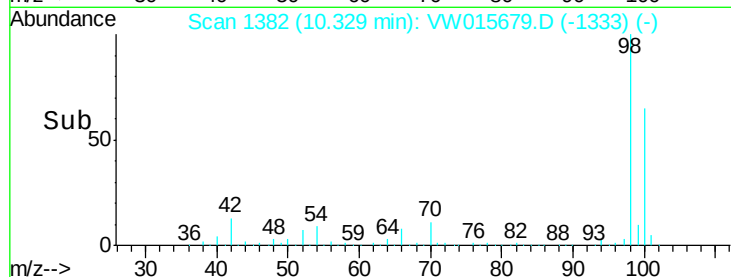
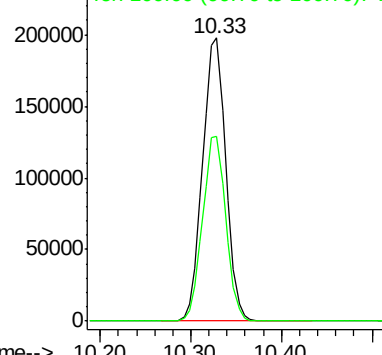
98 100

100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015679.D

Acq: 24 Jun 2020 13:35

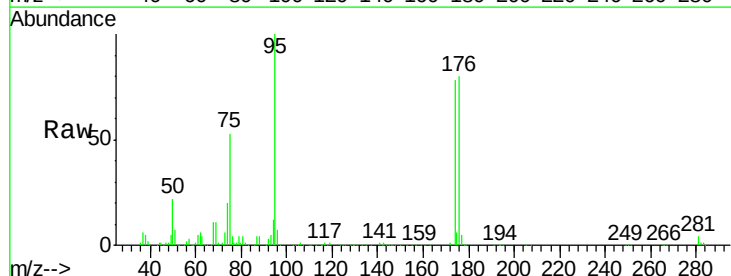
Tgt Ion: 95 Resp: 119024

Ion Ratio Lower Upper

95 100

174 79.8 0.0 157.0

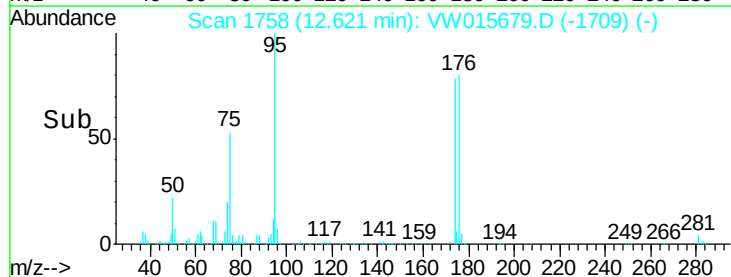
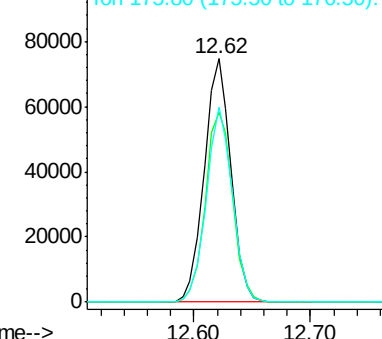
176 78.2 0.0 151.4

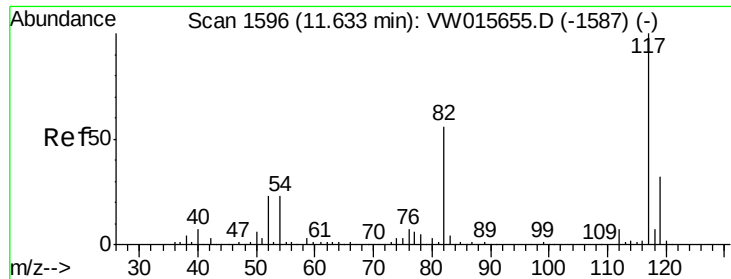


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

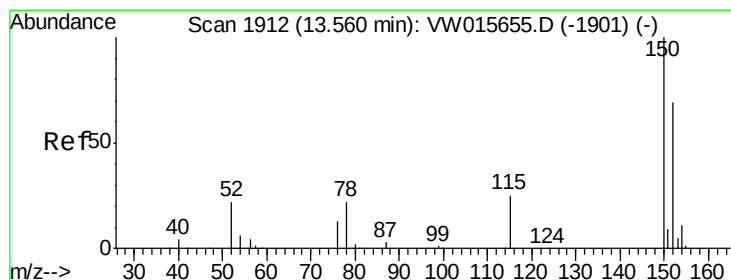
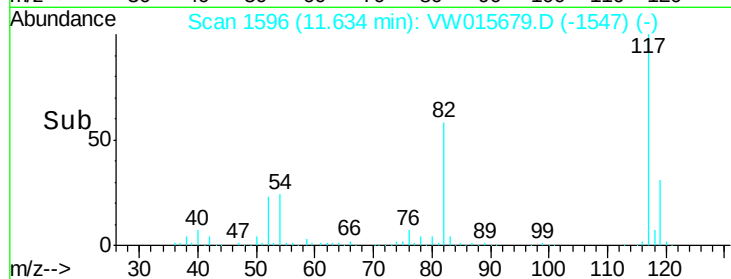
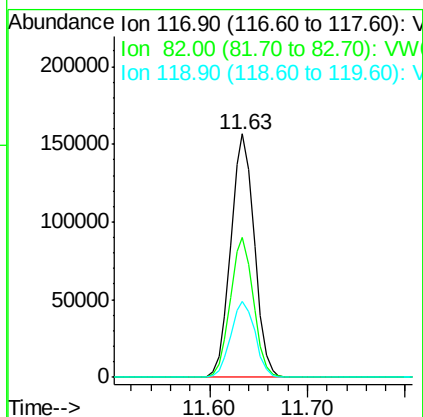
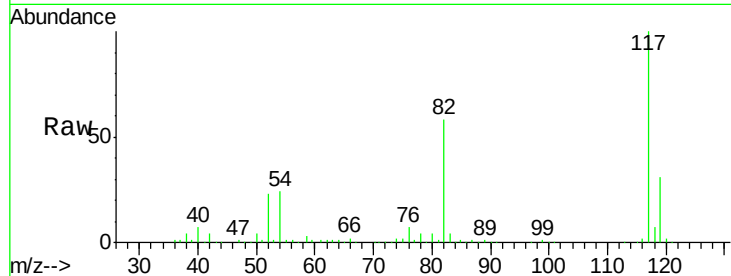




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015679.D
Acq: 24 Jun 2020 13:35

Instrument :
MSVOA_W
ClientSampled :
SB-2

Tot Ion:117 Resp: 261535
Ion Ratio Lower Upper
117 100
82 57.5 45.1 67.7
119 31.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015679.D
Acq: 24 Jun 2020 13:35

Tgt Ion:152 Resp: 117101
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 162.6 0.0 345.6

