

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008349.D
 Acq On : 18 Jan 2019 11:59
 Operator : SY/VA
 Sample : VW0118SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBL01

Quant Time: Jan 19 01:53:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	142670	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	130412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54188	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	47416	59.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.70%	
35) Dibromofluoromethane	7.88	113	45331	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.32	98	187040	52.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.62	95	58197	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	

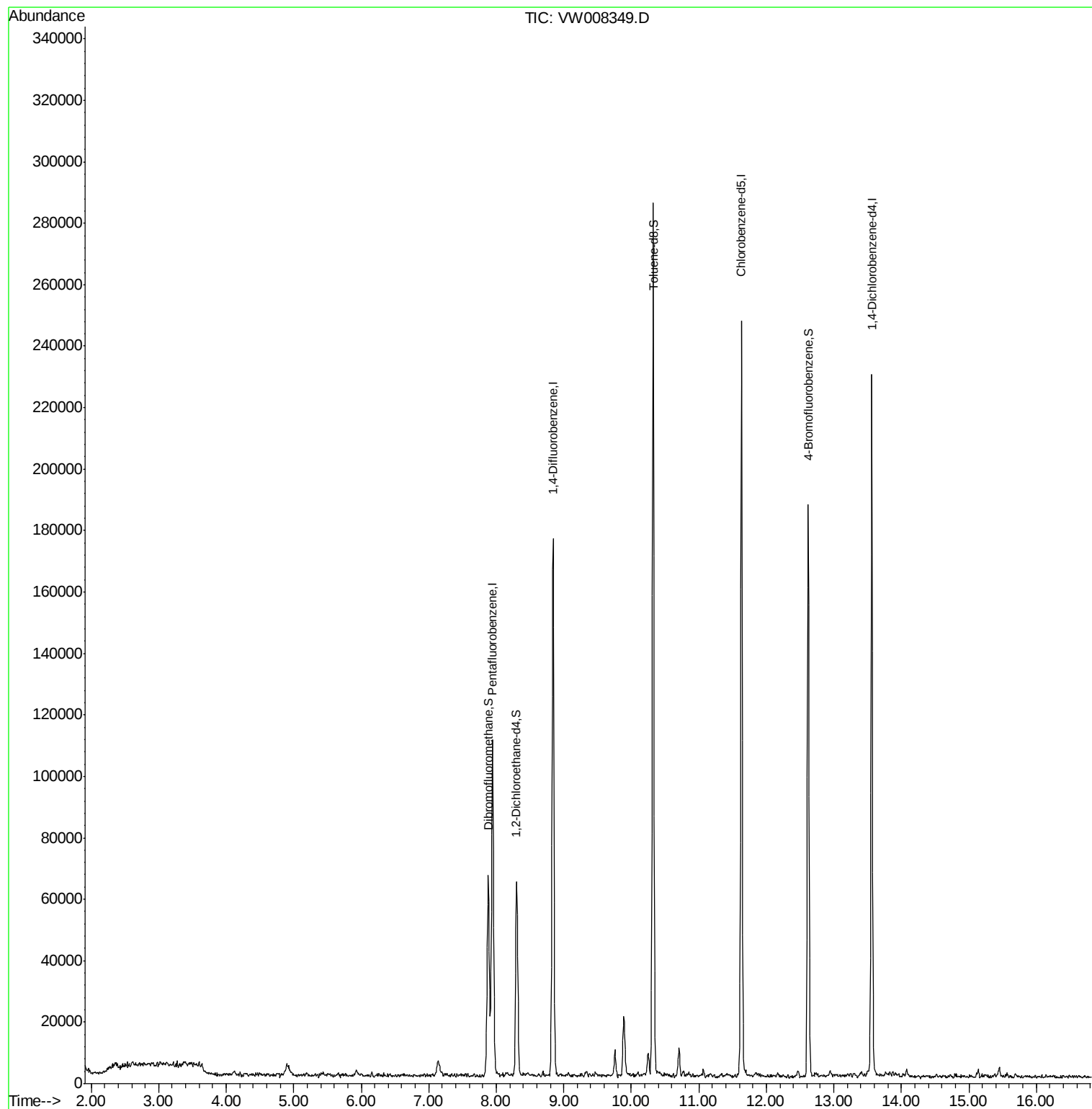
Target Compounds	Qvalue

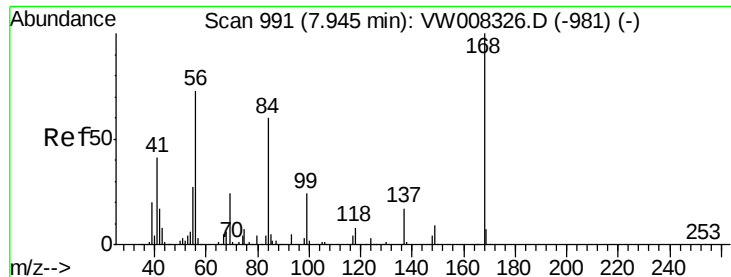
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008349.D

Acq: 18 Jan 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

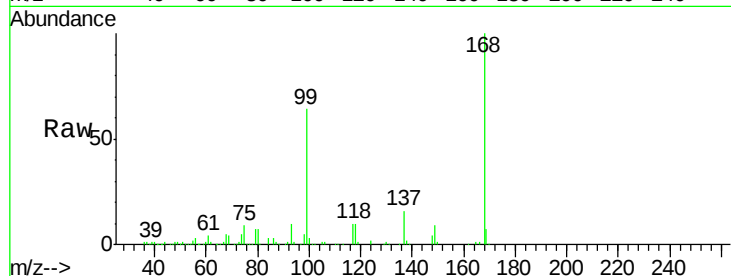
VW0118SBL01

Tot Ion:168 Resp: 76806

Ion Ratio Lower Upper

168 100

99 64.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

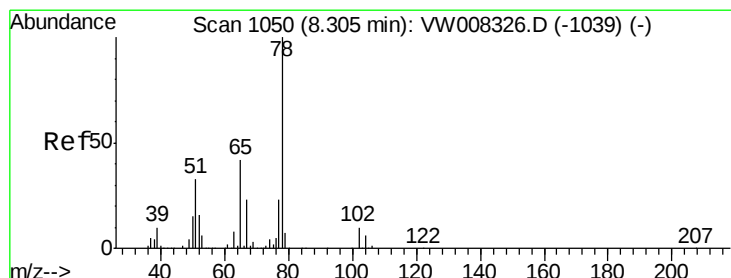
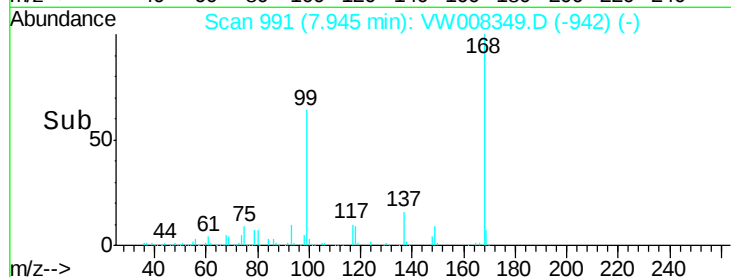
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10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 59.347 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008349.D

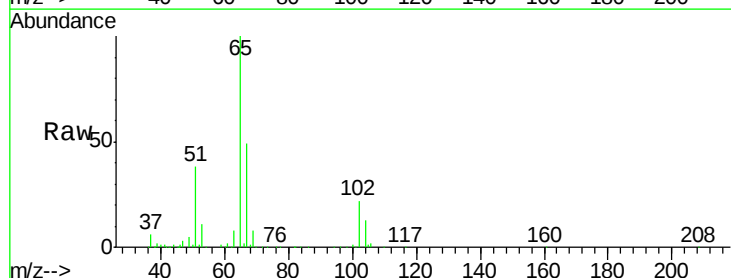
Acq: 18 Jan 2019 11:59

Tgt Ion: 65 Resp: 47416

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

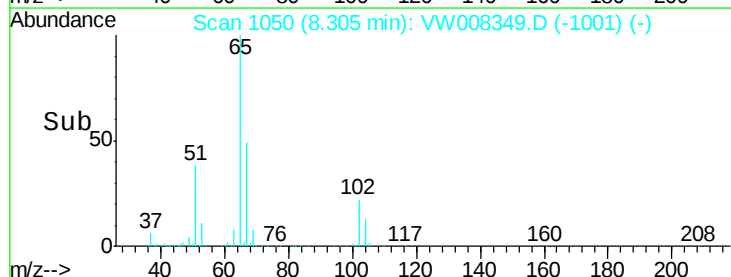
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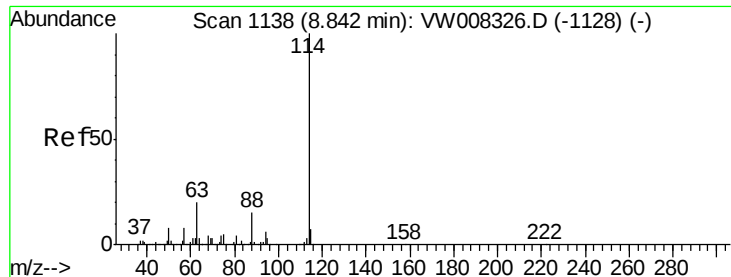
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Time-->

8.20 8.30 8.40

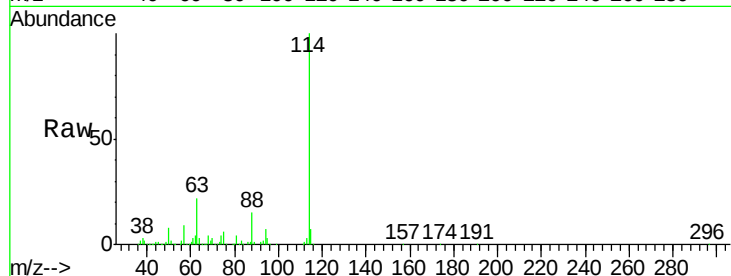




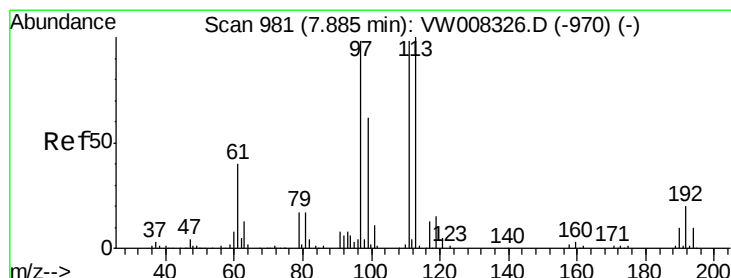
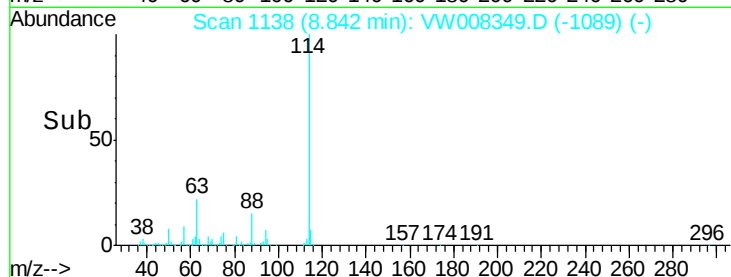
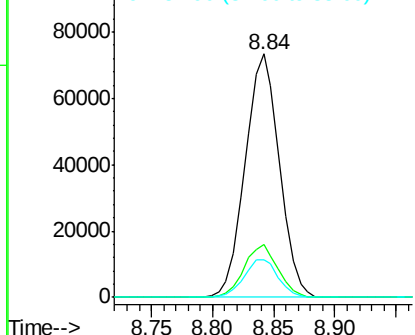
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008349.D
Acq: 18 Jan 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBL01

Tot Ion:114 Resp: 142670
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 15.5 0.0 30.4

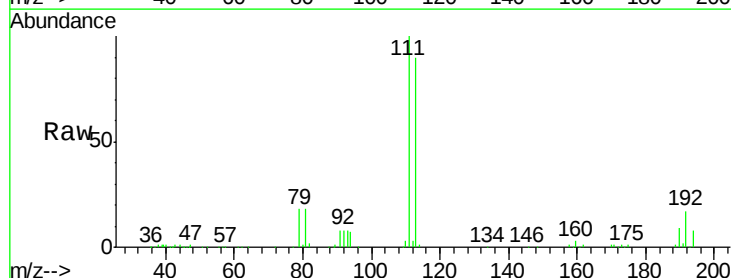


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

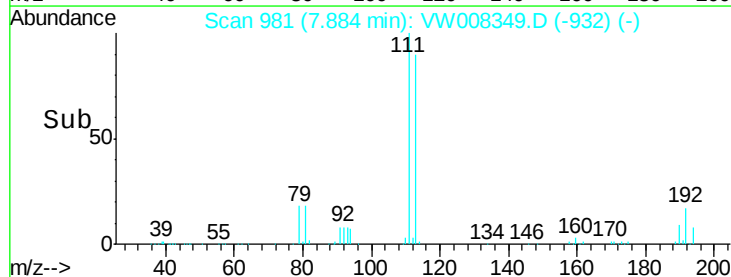
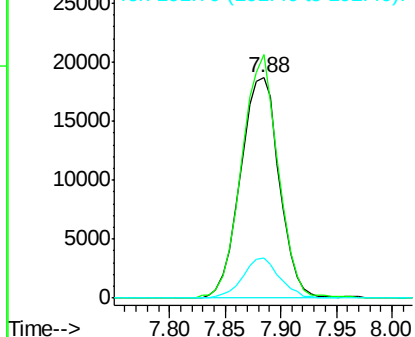


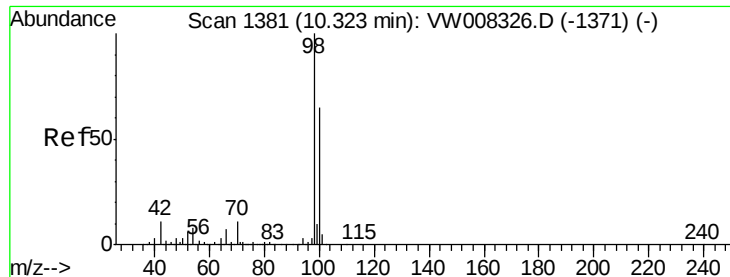
#35
Dibromofluoromethane
Concen: 49.775 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008349.D
Acq: 18 Jan 2019 11:59

Tgt Ion:113 Resp: 45331
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 17.1 16.3 24.5



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: 52.278 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008349.D

Acq: 18 Jan 2019 11:59

Instrument :

MSVOA_W

ClientSampleId :

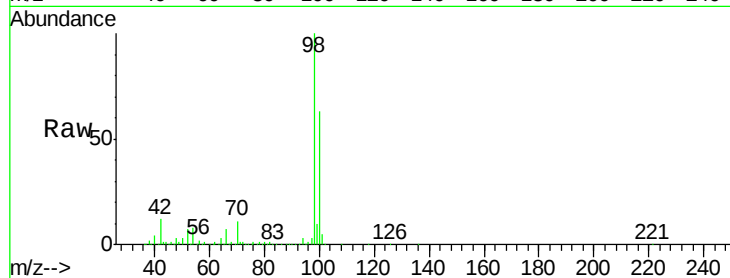
VW0118SBL01

Tot Ion: 98 Resp: 187040

Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

120000

100000

80000

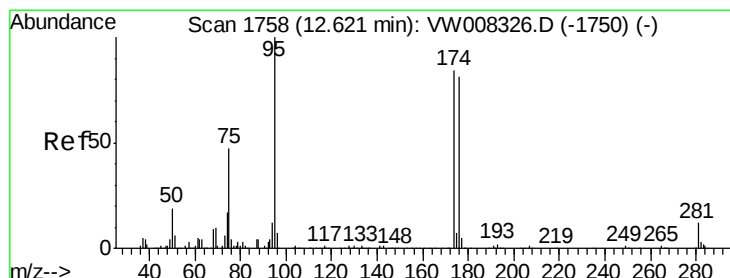
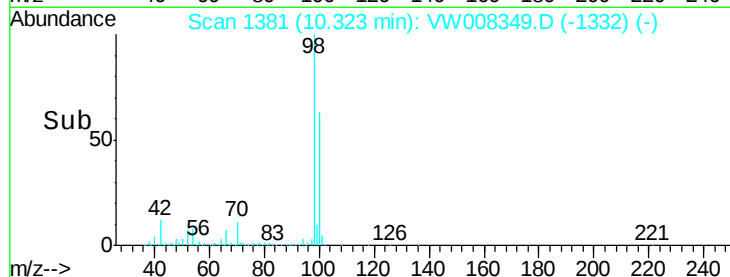
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008349.D

Acq: 18 Jan 2019 11:59

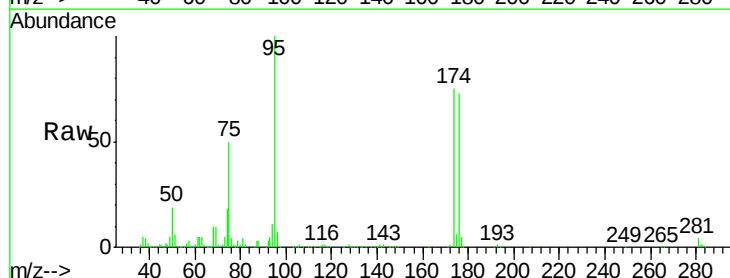
Tgt Ion: 95 Resp: 58197

Ion Ratio Lower Upper

95 100

174 76.9 0.0 166.0

176 72.2 0.0 160.0



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

50000

40000

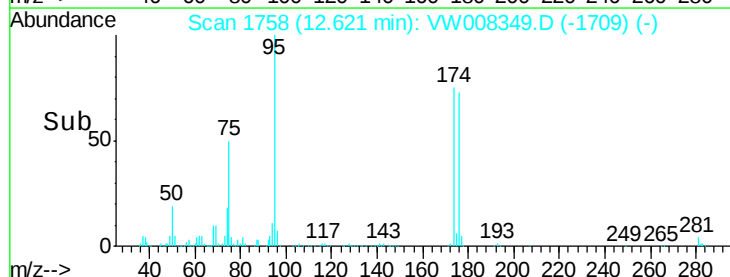
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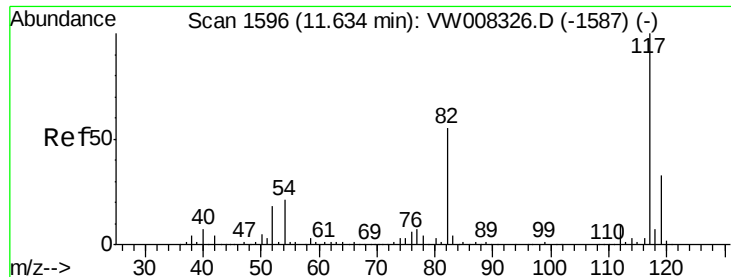
20000

10000

0

Time-->

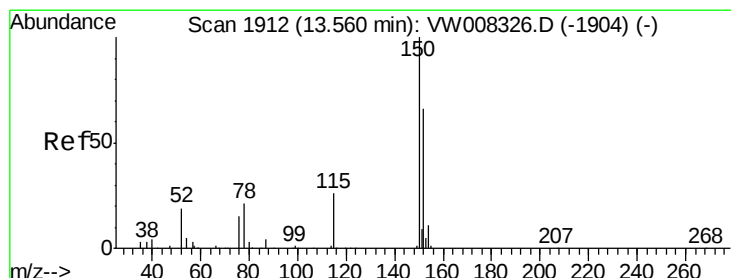
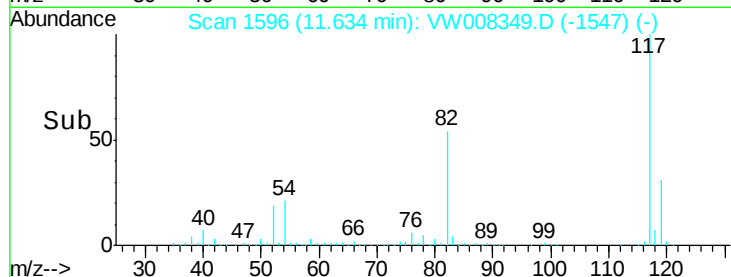
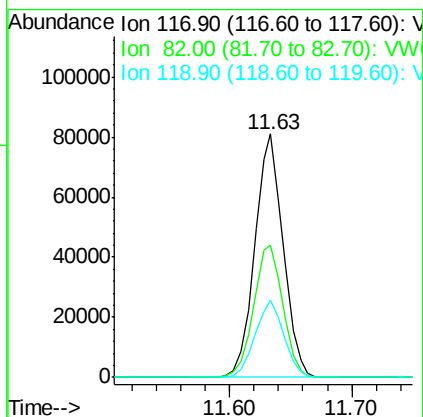
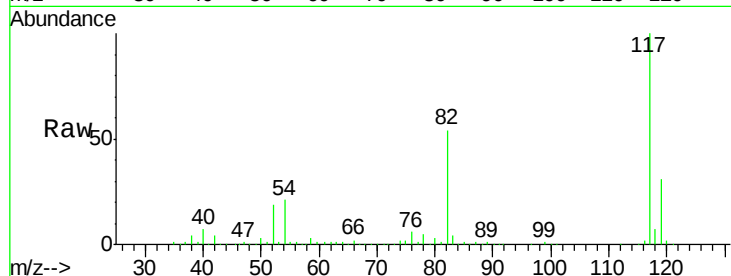




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008349.D
Acq: 18 Jan 2019 11:59

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBL01

Tot Ion:117 Resp: 130412
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008349.D
Acq: 18 Jan 2019 11:59

Tgt Ion:152 Resp: 54188
Ion Ratio Lower Upper
152 100
115 63.0 28.8 86.4
150 162.8 0.0 351.4

