

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008392.D
 Acq On : 22 Jan 2019 16:48
 Operator : SY/VA
 Sample : K1220-04
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T-1A

Quant Time: Jan 23 02:47:27 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	81194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	40800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	45082	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	40264	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	
50) Toluene-d8	10.32	98	138571	37.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.84%	
62) 4-Bromofluorobenzene	12.62	95	36318	27.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.42%	

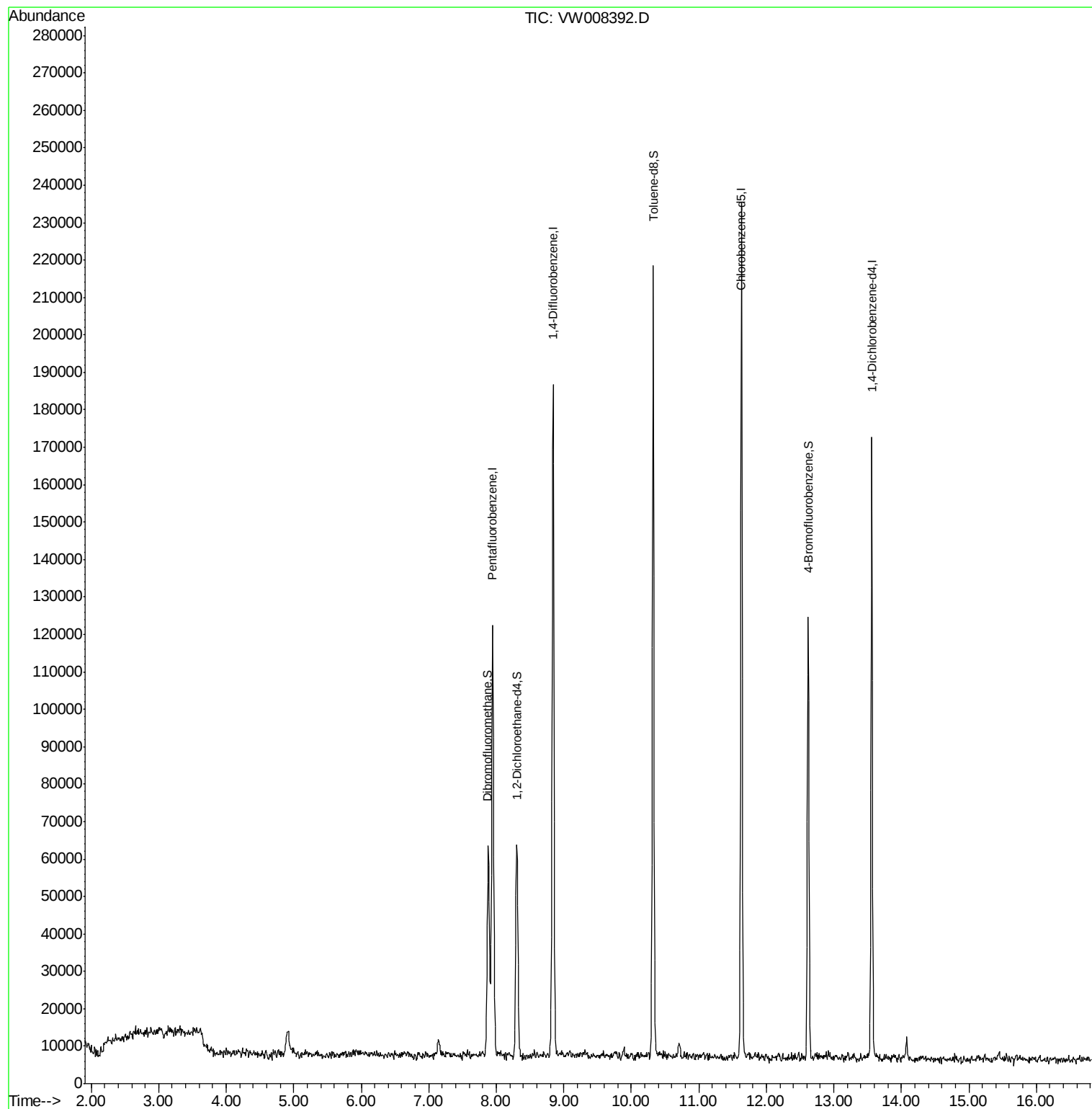
Target Compounds	Qvalue
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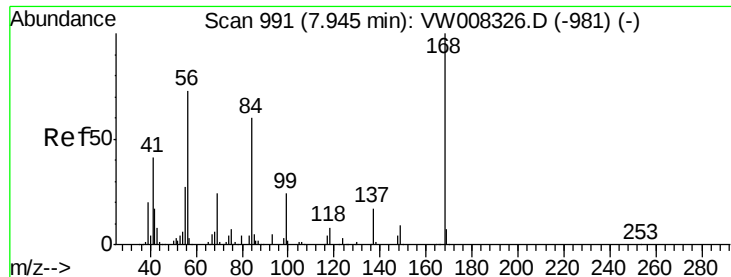
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008392.D

Acq: 22 Jan 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

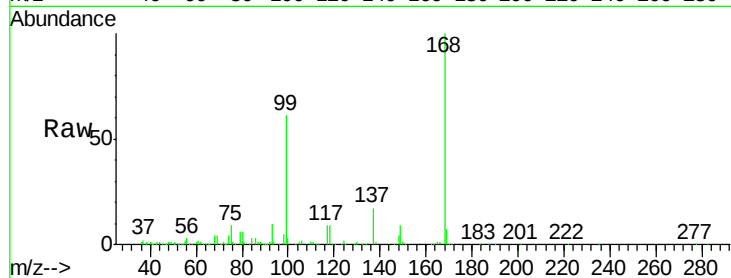
T-1A

Tot Ion:168 Resp: 81194

Ion Ratio Lower Upper

168 100

99 60.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

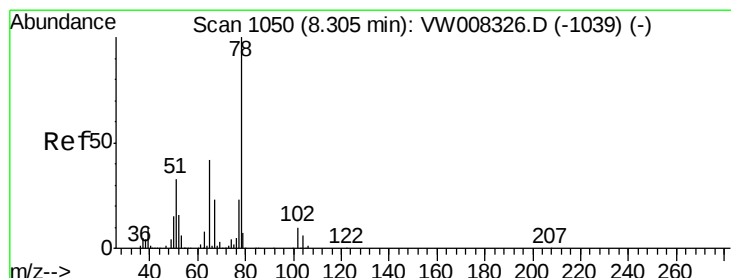
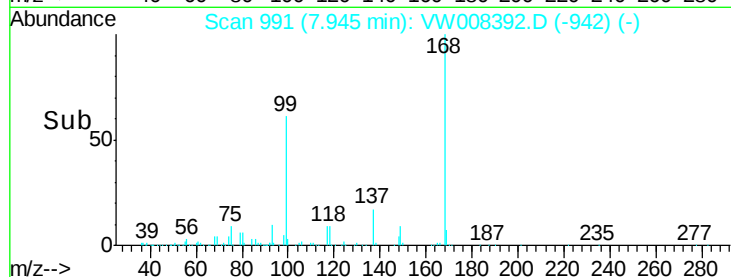
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.377 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008392.D

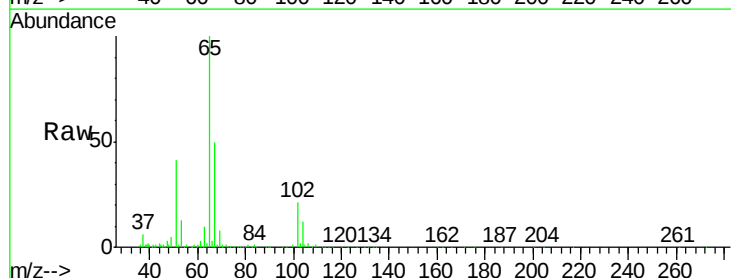
Acq: 22 Jan 2019 16:48

Tgt Ion: 65 Resp: 45082

Ion Ratio Lower Upper

65 100

67 52.3 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

20000

15000

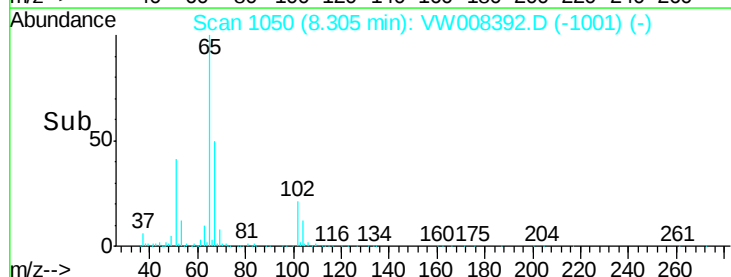
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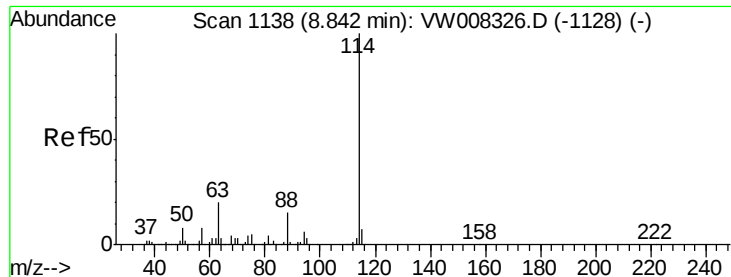
5000

0

8.20 8.30 8.40

Time-->

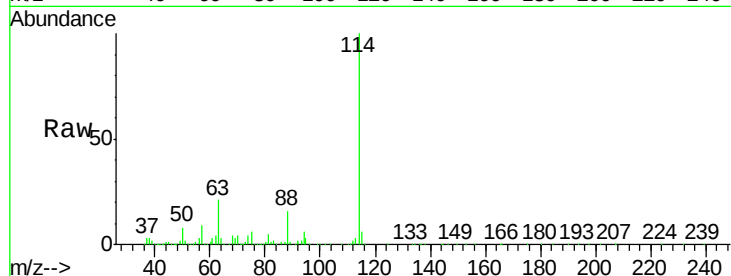




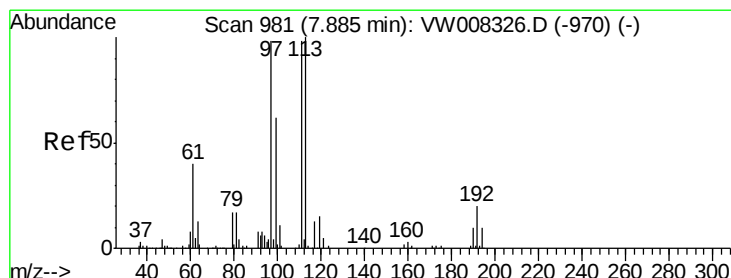
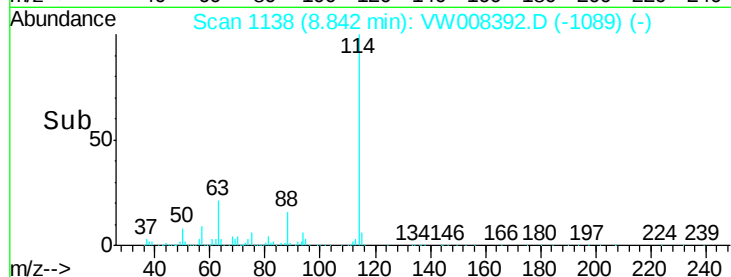
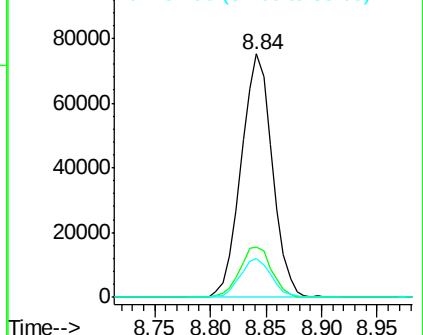
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008392.D
Acq: 22 Jan 2019 16:48

Instrument :
MSVOA_W
ClientSampleId :
T-1A

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	15.7	0.0	30.4

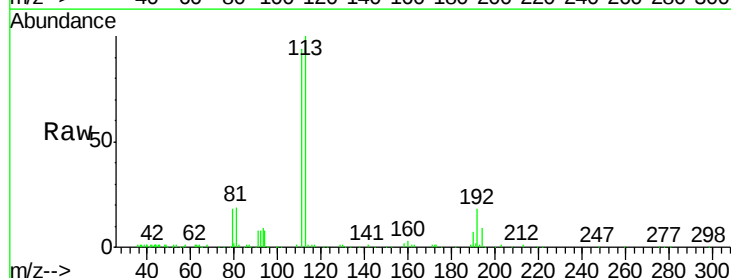


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

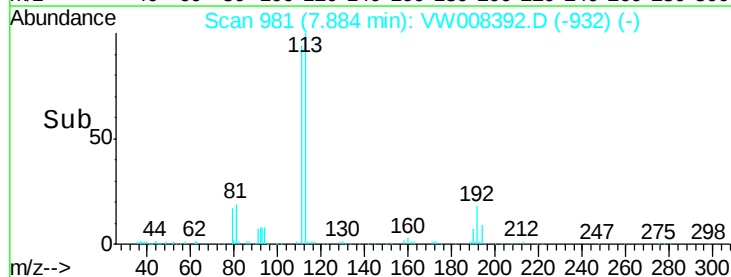
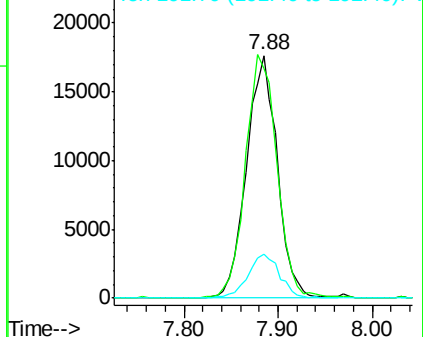


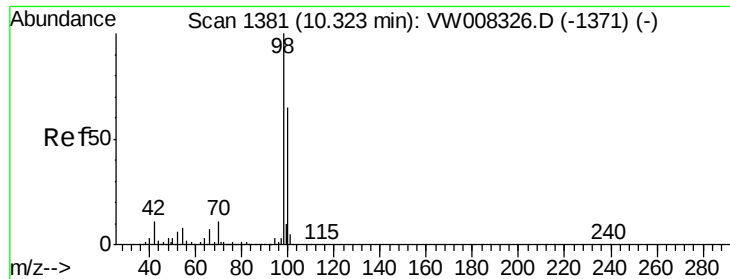
#35
Dibromofluoromethane
Concen: 43.282 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008392.D
Acq: 22 Jan 2019 16:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	18.8	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: 37.917 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008392.D

Acq: 22 Jan 2019 16:48

Instrument :

MSVOA_W

ClientSampleId :

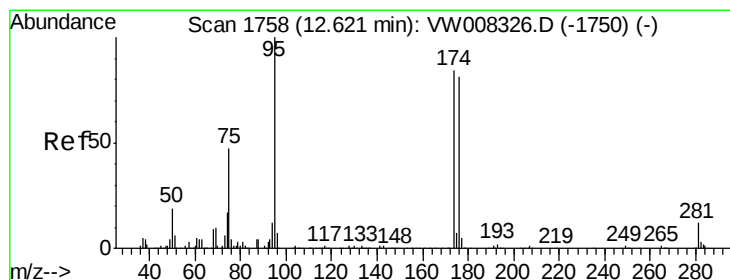
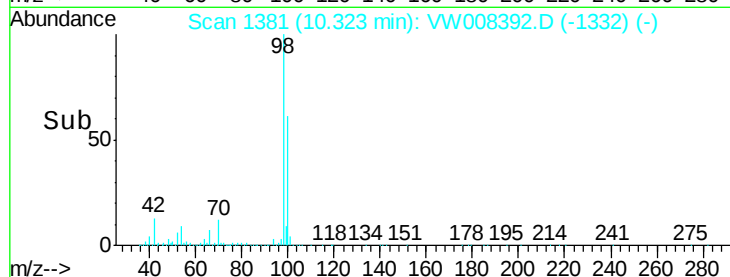
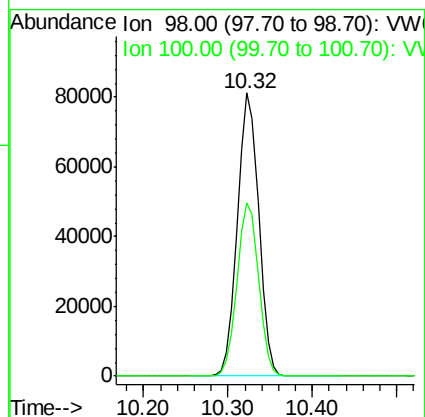
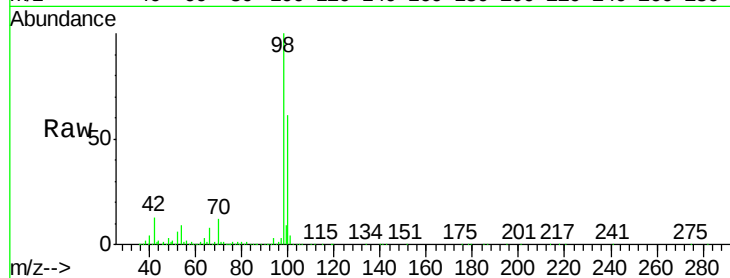
T-1A

Tot Ion: 98 Resp: 138571

Ion Ratio Lower Upper

98 100

100 61.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 27.708 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008392.D

Acq: 22 Jan 2019 16:48

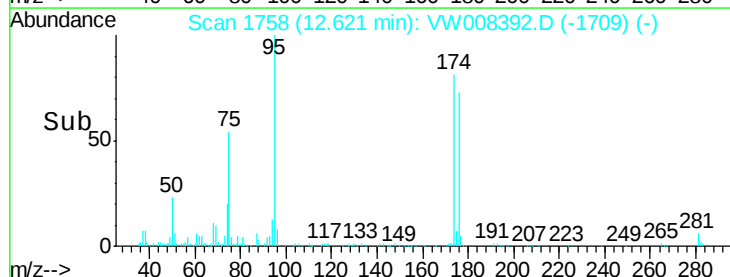
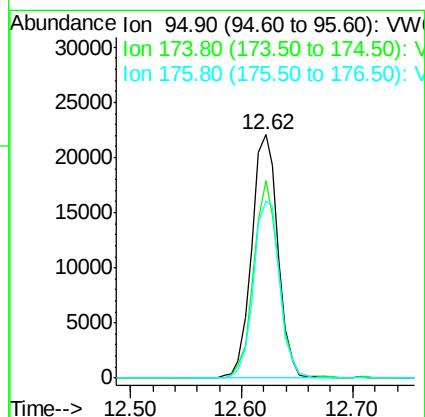
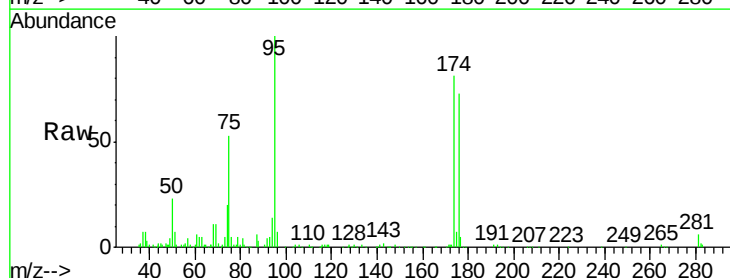
Tgt Ion: 95 Resp: 36318

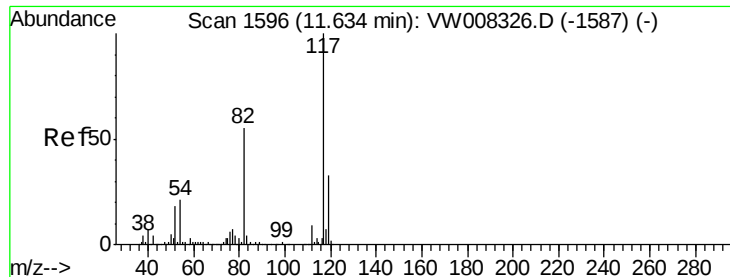
Ion Ratio Lower Upper

95 100

174 77.0 0.0 166.0

176 72.7 0.0 160.0

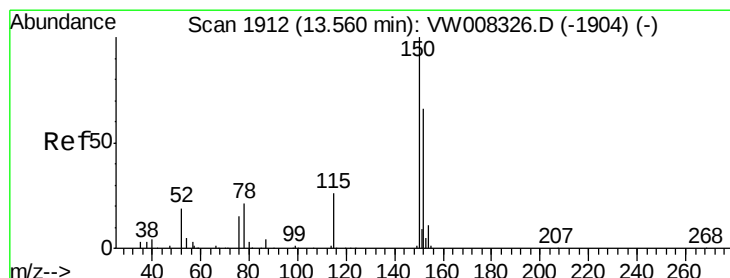
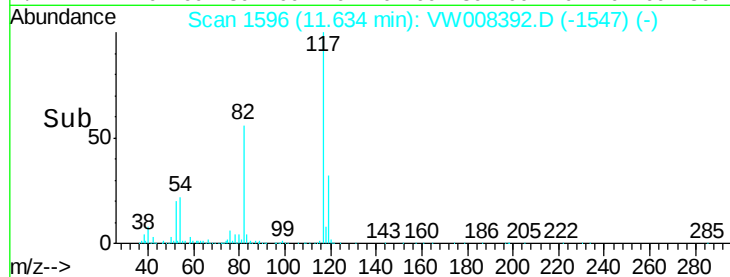
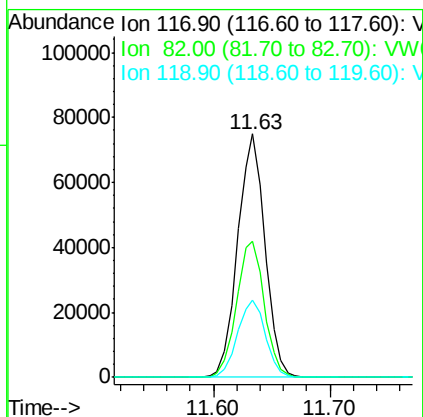
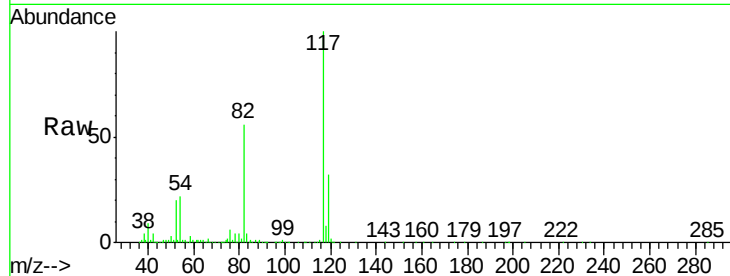




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008392.D
Acq: 22 Jan 2019 16:48

Instrument :
MSVOA_W
ClientSampleId :
T-1A

Tot Ion:117 Resp: 122805
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008392.D
Acq: 22 Jan 2019 16:48

Tgt Ion:152 Resp: 40800
Ion Ratio Lower Upper
152 100
115 61.5 28.8 86.4
150 157.3 0.0 351.4

