

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008813.D
 Acq On : 25 Feb 2019 18:04
 Operator : SY/VA
 Sample : K1613-04
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 L-1A

Quant Time: Feb 26 04:40:38 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	577367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	510276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	243844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	218321	62.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.82%	
35) Dibromofluoromethane	7.88	113	184085	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.32	98	681258	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.62	95	237947	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

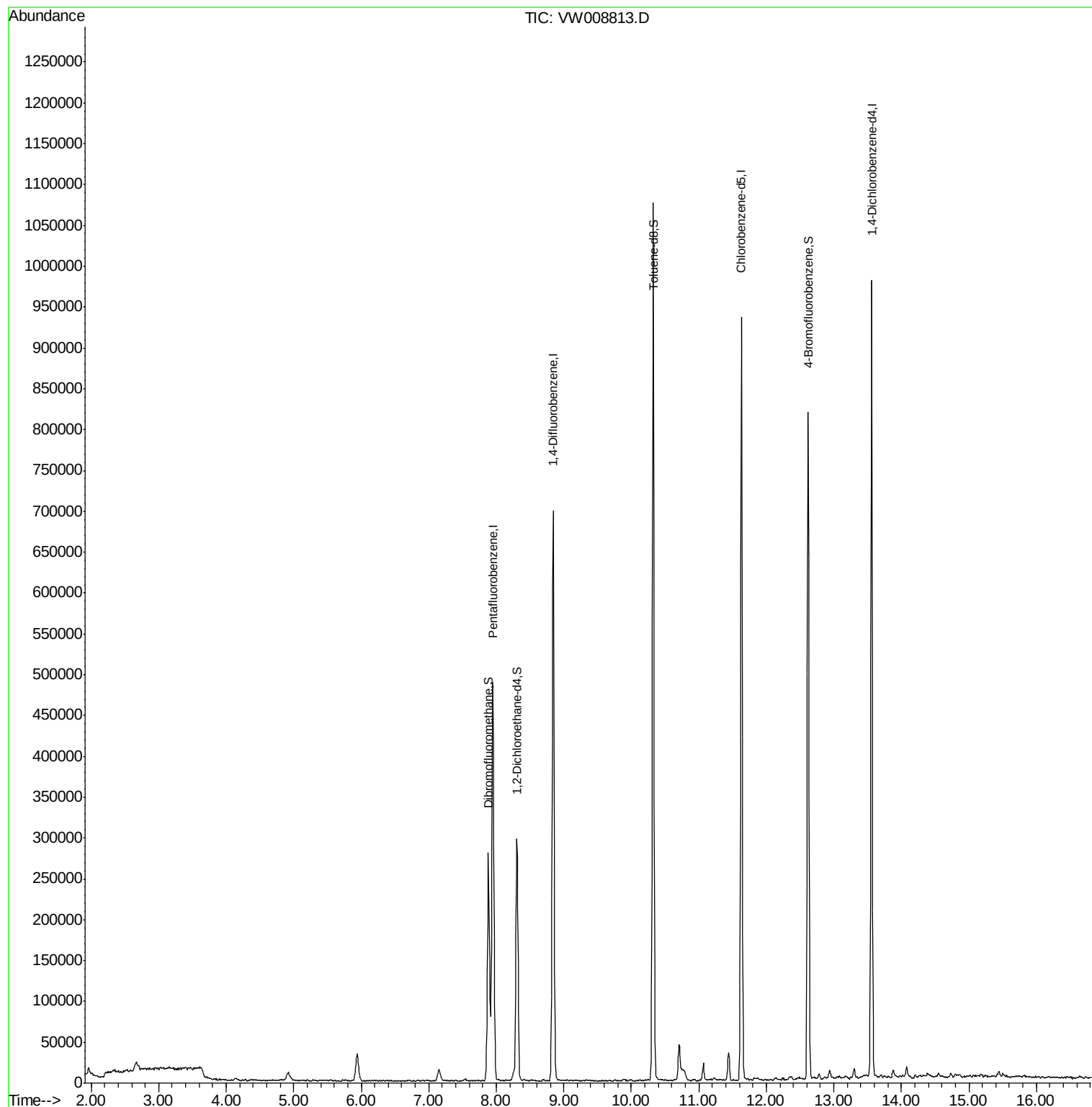
Target Compounds	Qvalue

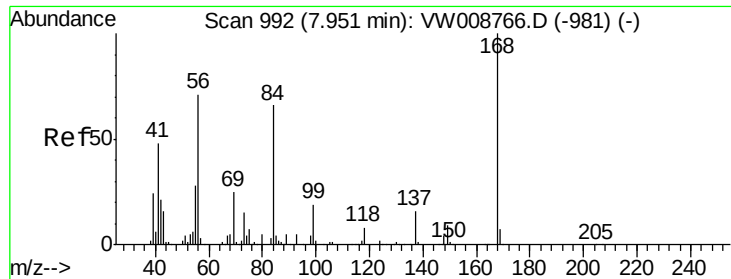
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 00:38:32 2019
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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: VW008813.D

Acq: 25 Feb 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

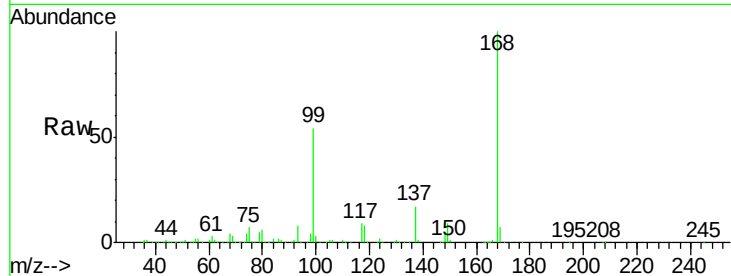
L-1A

Tot Ion:168 Resp: 372966

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

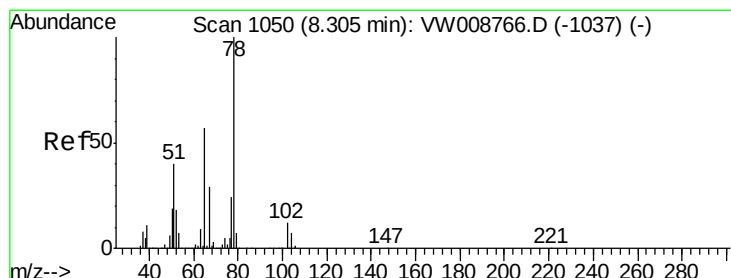
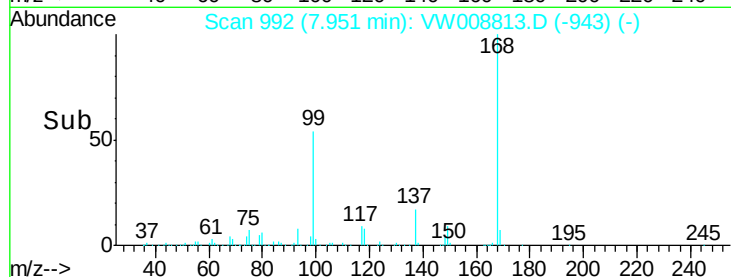
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 62.412 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008813.D

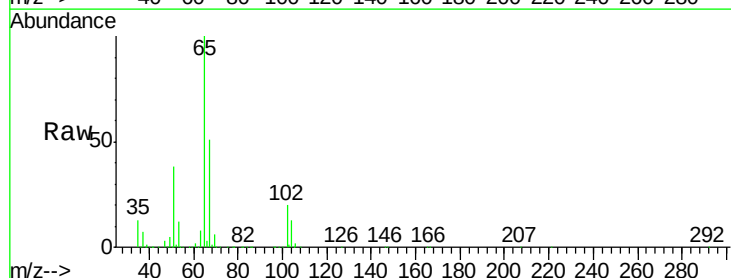
Acq: 25 Feb 2019 18:04

Tgt Ion: 65 Resp: 218321

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

120000

100000

80000

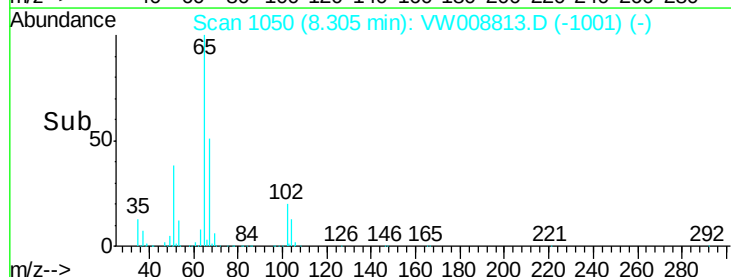
60000

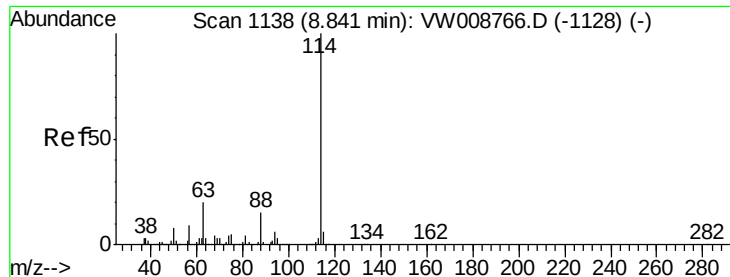
40000

20000

0

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: VW008813.D

Acq: 25 Feb 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

L-1A

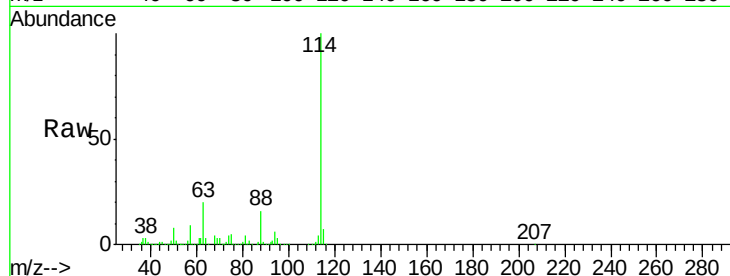
Tot Ion:114 Resp: 577367

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

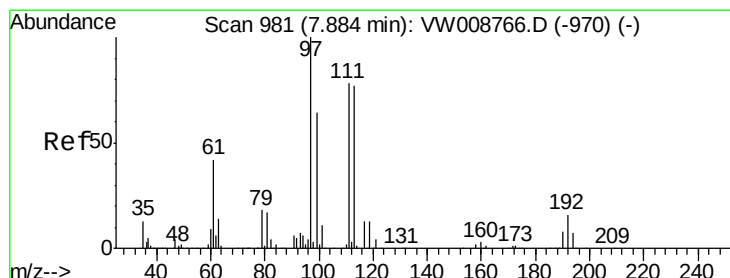
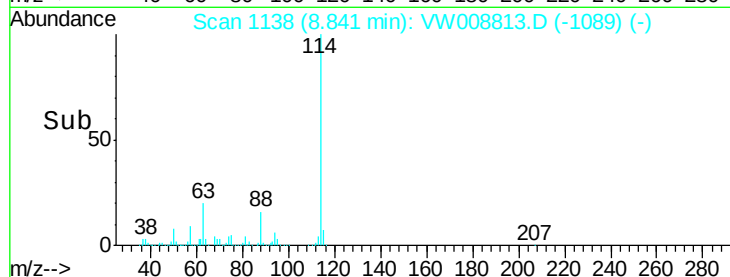
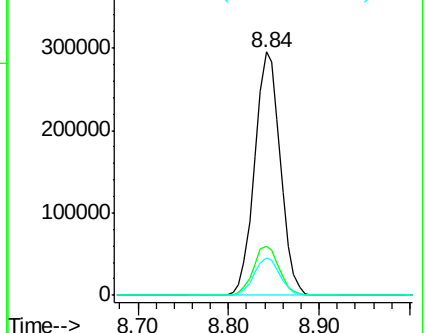
88 15.7 0.0 30.4



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: 53.103 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008813.D

Acq: 25 Feb 2019 18:04

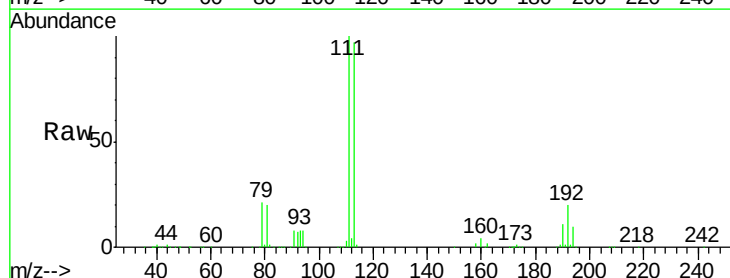
Tgt Ion:113 Resp: 184085

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

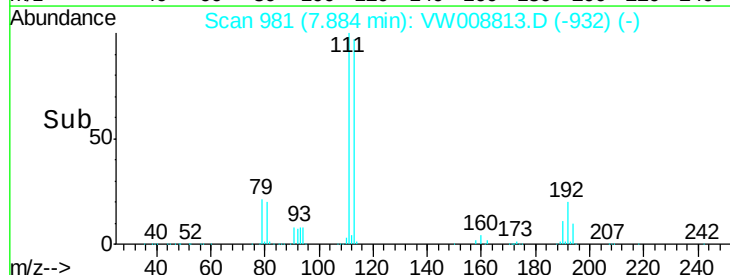
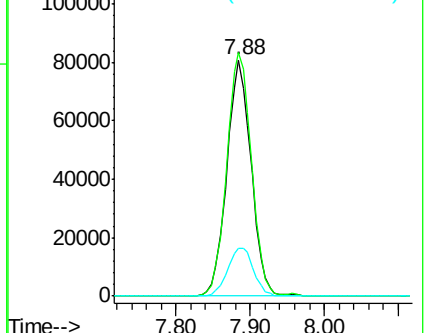
192 21.6 17.1 25.7

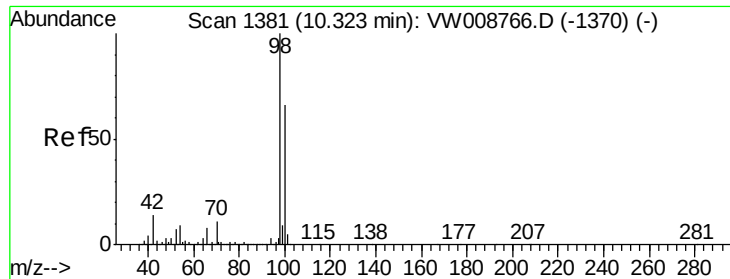


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.908 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008813.D

Acq: 25 Feb 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

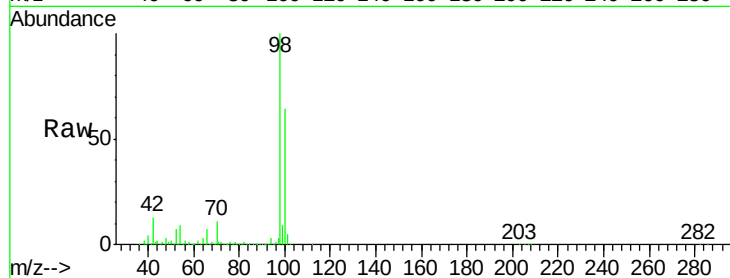
L-1A

Tot Ion: 98 Resp: 681258

Ion Ratio Lower Upper

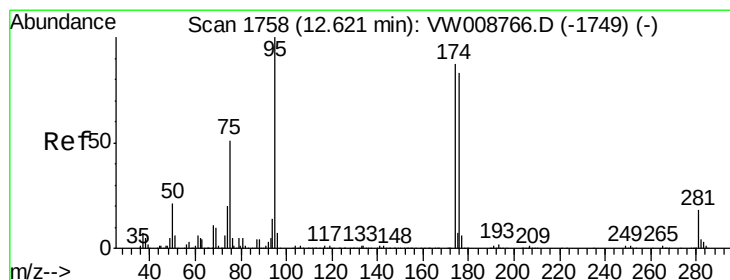
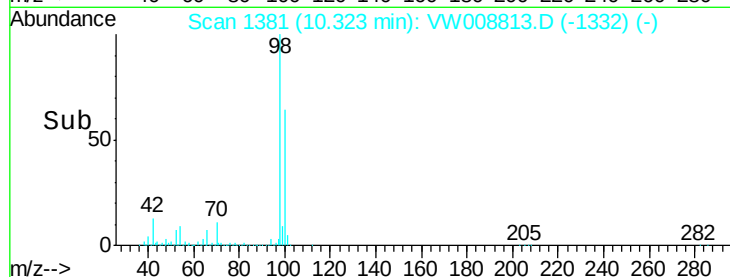
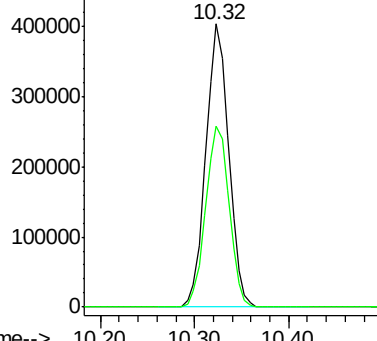
98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 45.413 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008813.D

Acq: 25 Feb 2019 18:04

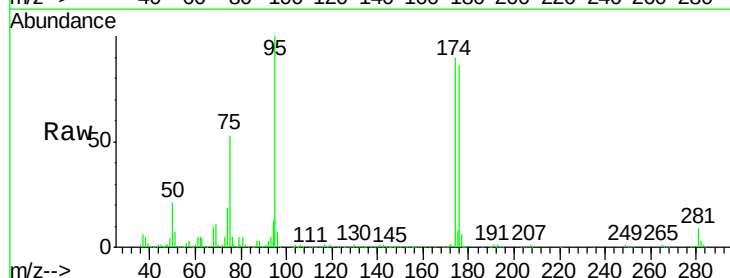
Tgt Ion: 95 Resp: 237947

Ion Ratio Lower Upper

95 100

174 86.9 0.0 169.2

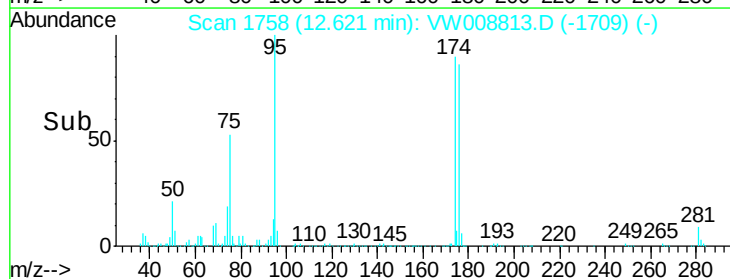
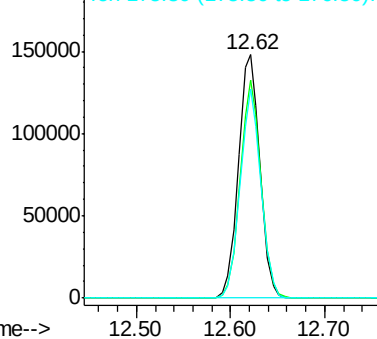
176 83.0 0.0 163.6

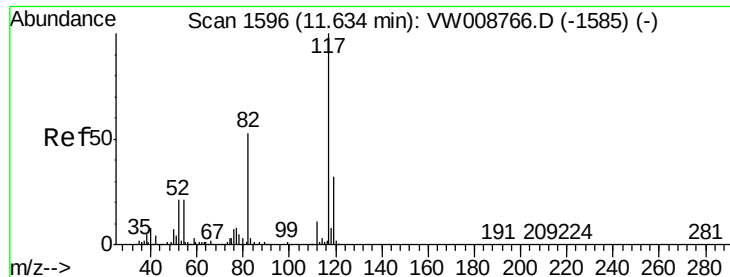


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

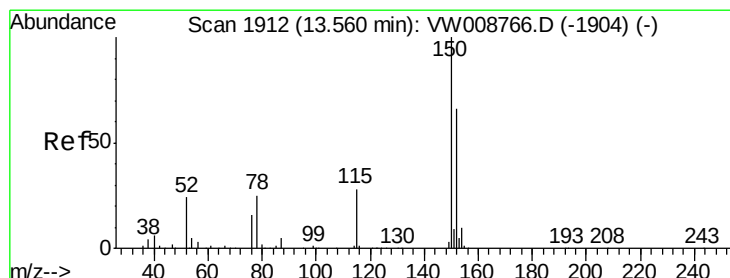
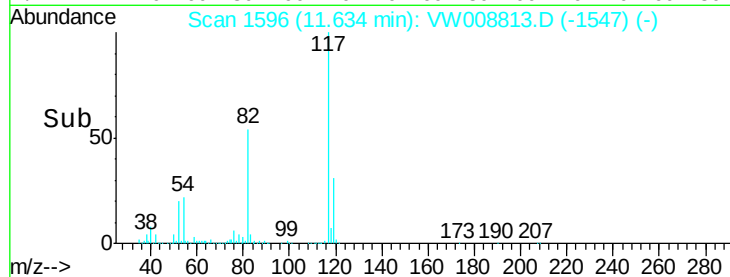
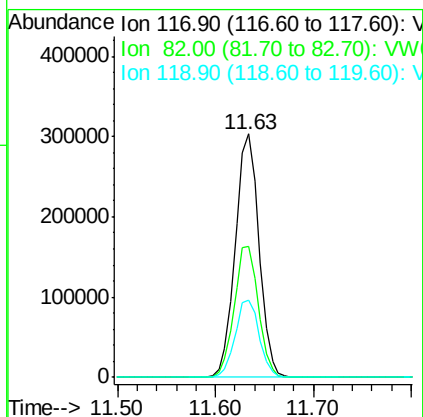
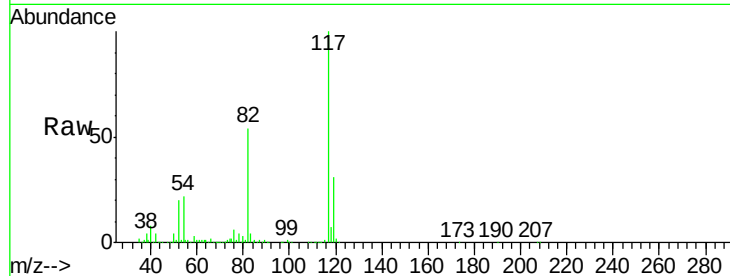




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008813.D
Acq: 25 Feb 2019 18:04

Instrument :
MSVOA_W
ClientSampled :
L-1A

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	31.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008813.D
Acq: 25 Feb 2019 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.6	85.8
150	158.5	0.0	348.0

