

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003819.D
 Acq On : 10 Jul 2018 12:29
 Operator : SY/AP
 Sample : VW0710SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBL01

Quant Time: Jul 10 13:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	150962	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133003	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	114131	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.32	98	426937	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.62	95	140509	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

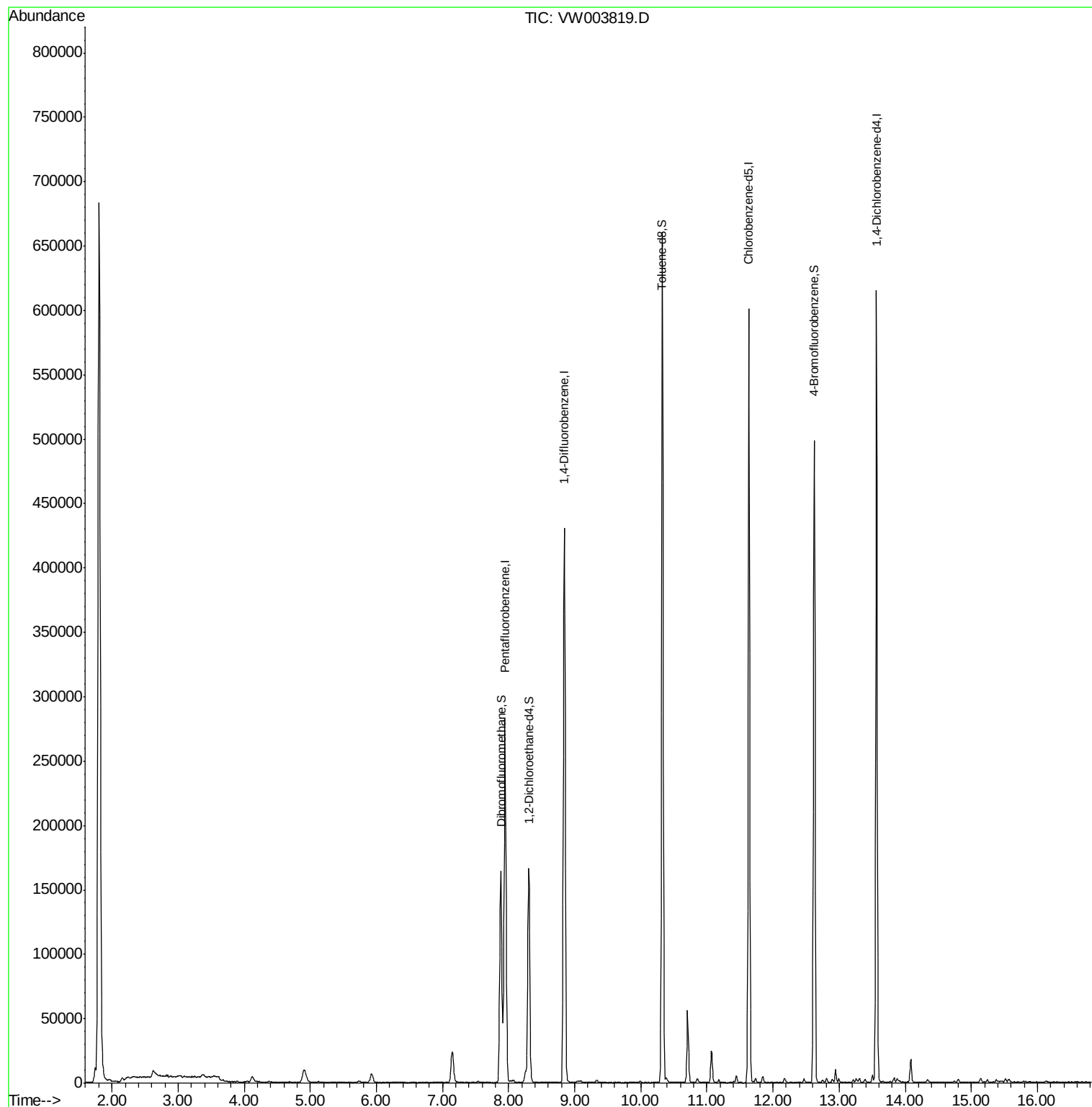
Target Compounds	Qvalue

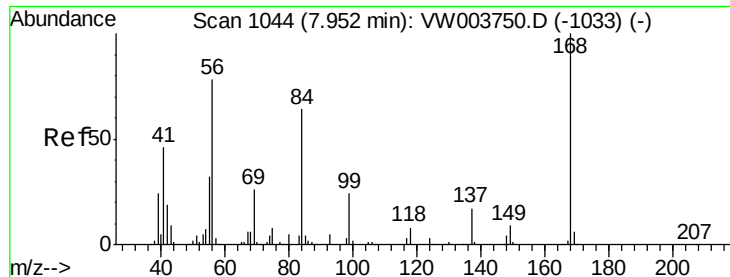
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003819.D

Acq: 10 Jul 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

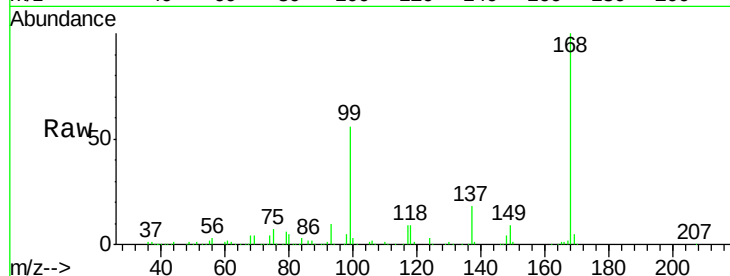
VW0710SBL01

Tot Ion:168 Resp: 201124

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

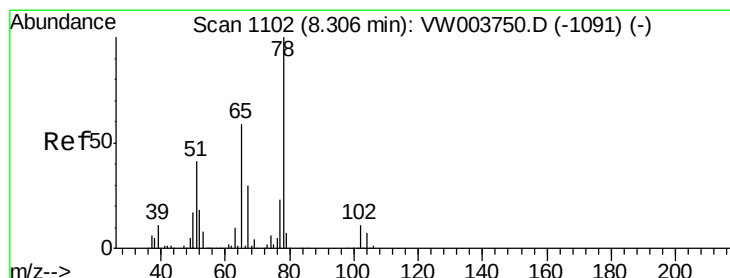
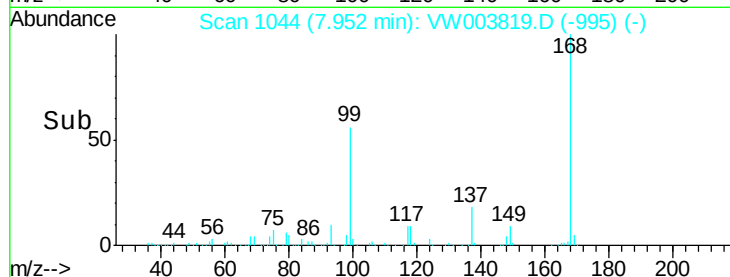
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 50.57 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW003819.D

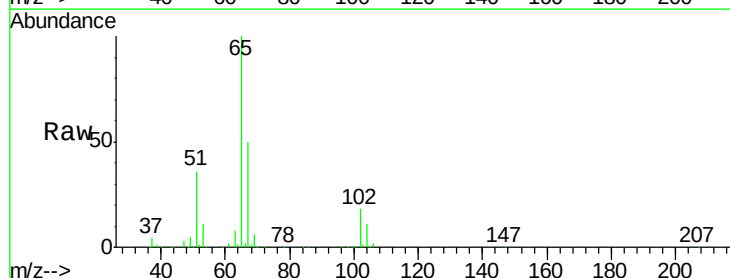
Acq: 10 Jul 2018 12:29

Tgt Ion: 65 Resp: 133003

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

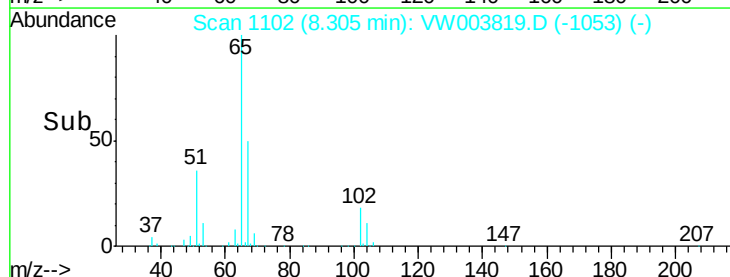
60000

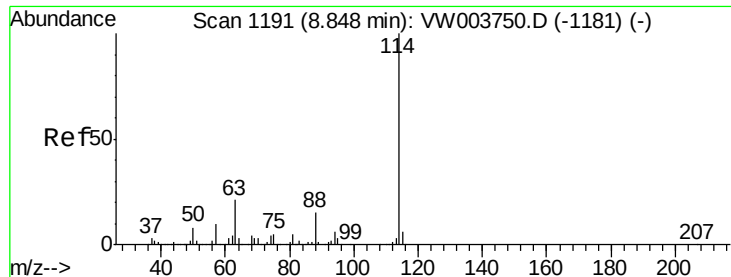
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003819.D

Acq: 10 Jul 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

VW0710SBL01

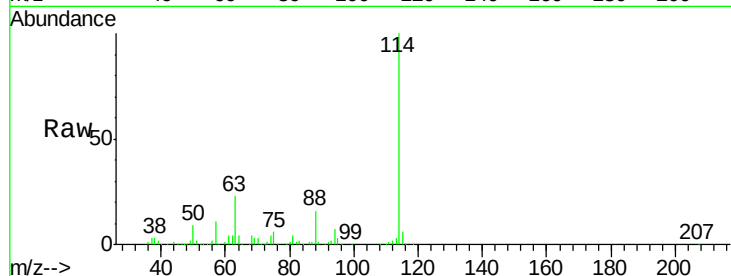
Tot Ion:114 Resp: 333543

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

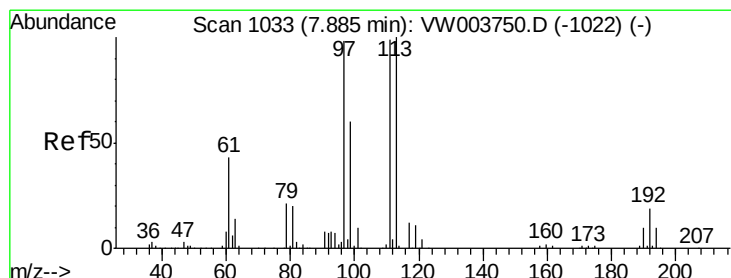
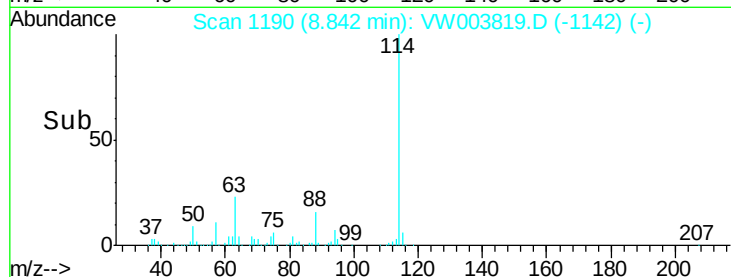
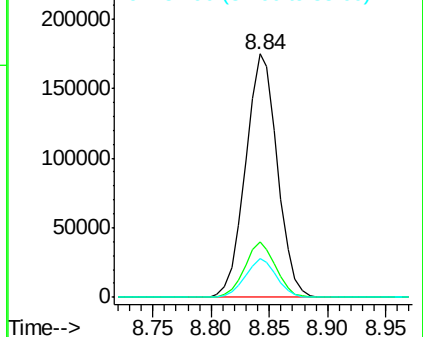
88 16.0 0.0 30.2



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: 48.89 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003819.D

Acq: 10 Jul 2018 12:29

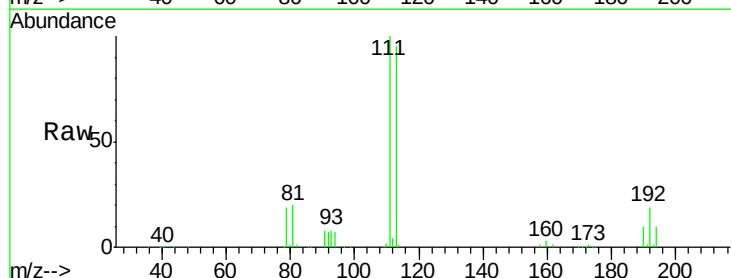
Tgt Ion:113 Resp: 114131

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

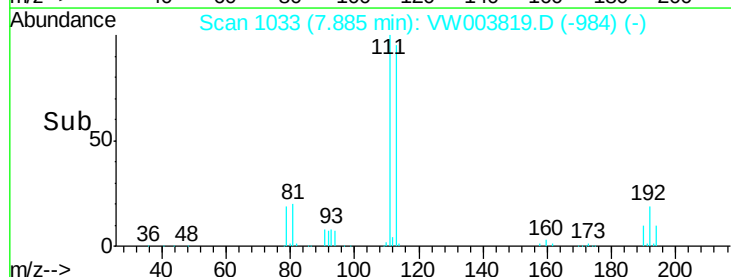
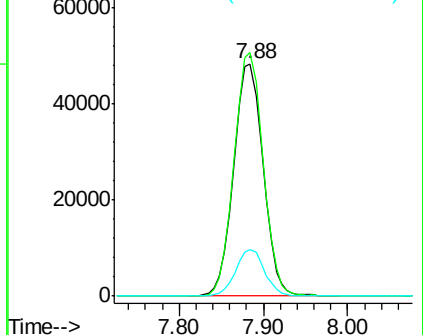
192 19.6 15.8 23.8

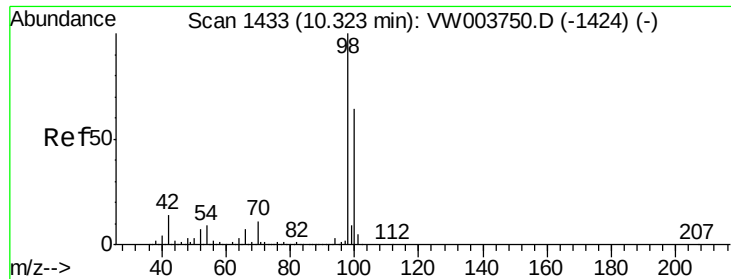


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.81 ug/l

RT: 10.32 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW003819.D

Acq: 10 Jul 2018 12:29

Instrument :

MSVOA_W

ClientSampleId :

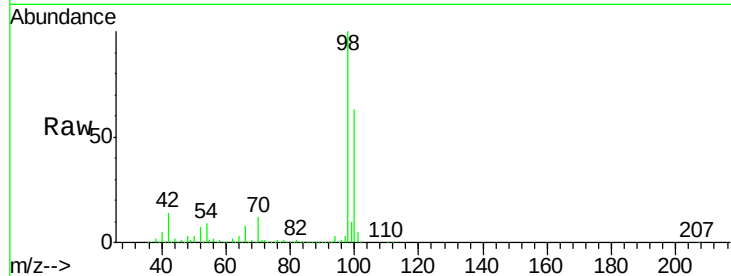
VW0710SBL01

Tot Ion: 98 Resp: 426937

Ion Ratio Lower Upper

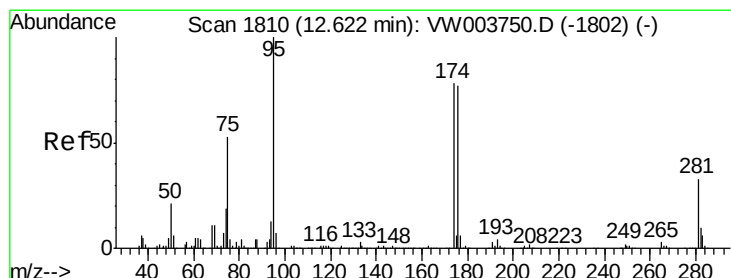
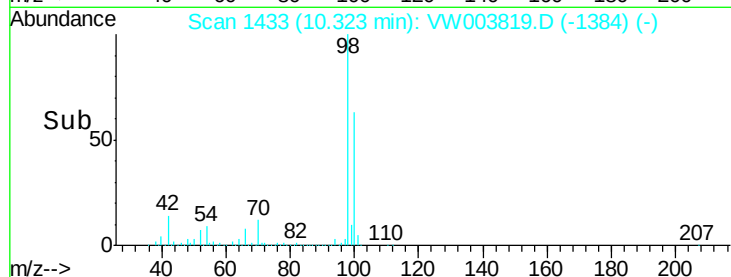
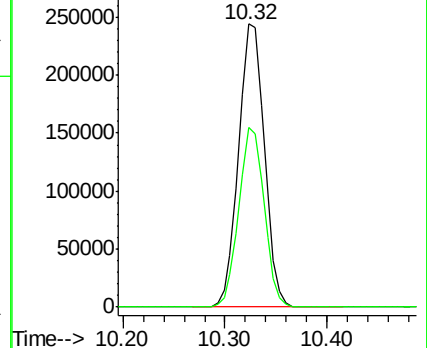
98 100

100 62.3 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.49 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003819.D

Acq: 10 Jul 2018 12:29

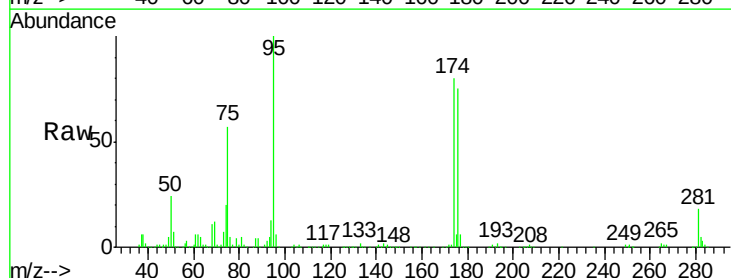
Tgt Ion: 95 Resp: 140509

Ion Ratio Lower Upper

95 100

174 82.9 0.0 163.4

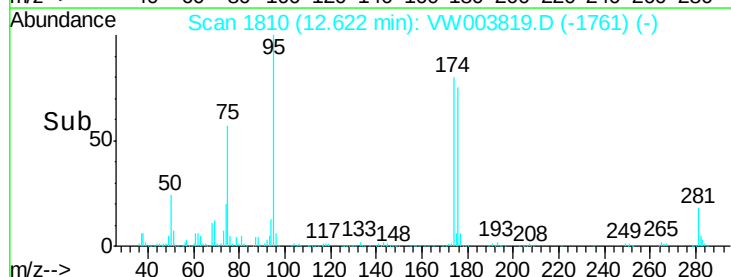
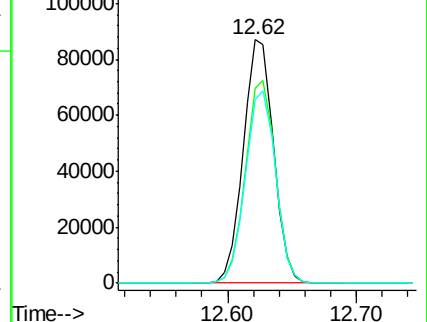
176 78.9 0.0 156.8

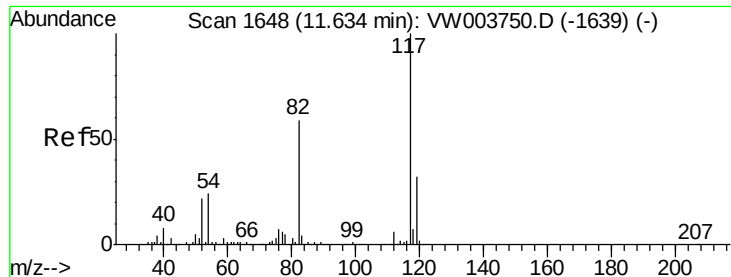


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

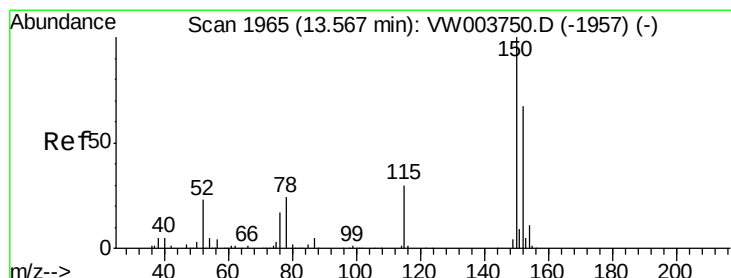
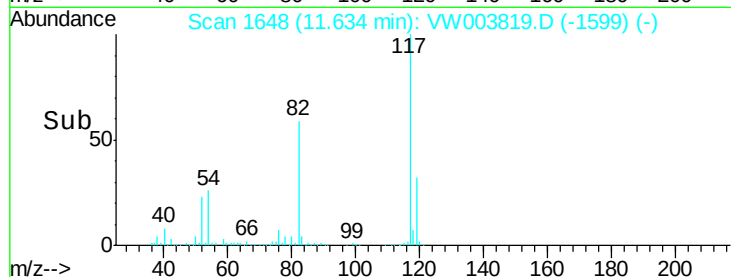
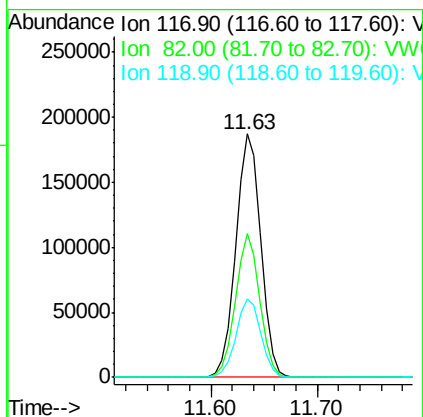
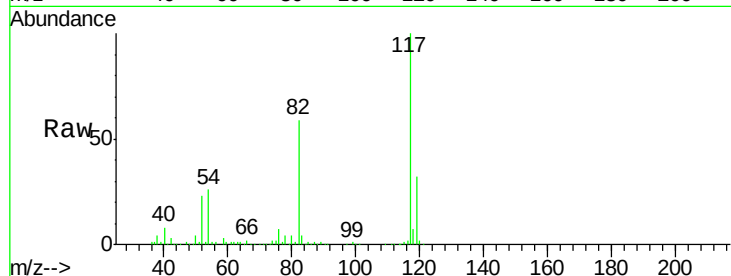




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003819.D
Acq: 10 Jul 2018 12:29

Instrument :
MSVOA_W
ClientSampleId :
VW0710SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.9	70.3
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003819.D
Acq: 10 Jul 2018 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.9	86.8
150	157.4	0.0	342.4

