

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003966.D
 Acq On : 16 Jul 2018 21:53
 Operator : VA/AP
 Sample : J3829-03
 Misc : 6.33G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-01-071318-B

Quant Time: Jul 17 07:03:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	3880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	5856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	3581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	710	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2824	65.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.22%	
35) Dibromofluoromethane	7.89	113	2506	66.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.40%	
50) Toluene-d8	10.33	98	4687	32.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.30%	
62) 4-Bromofluorobenzene	12.63	95	1031	19.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.22%	

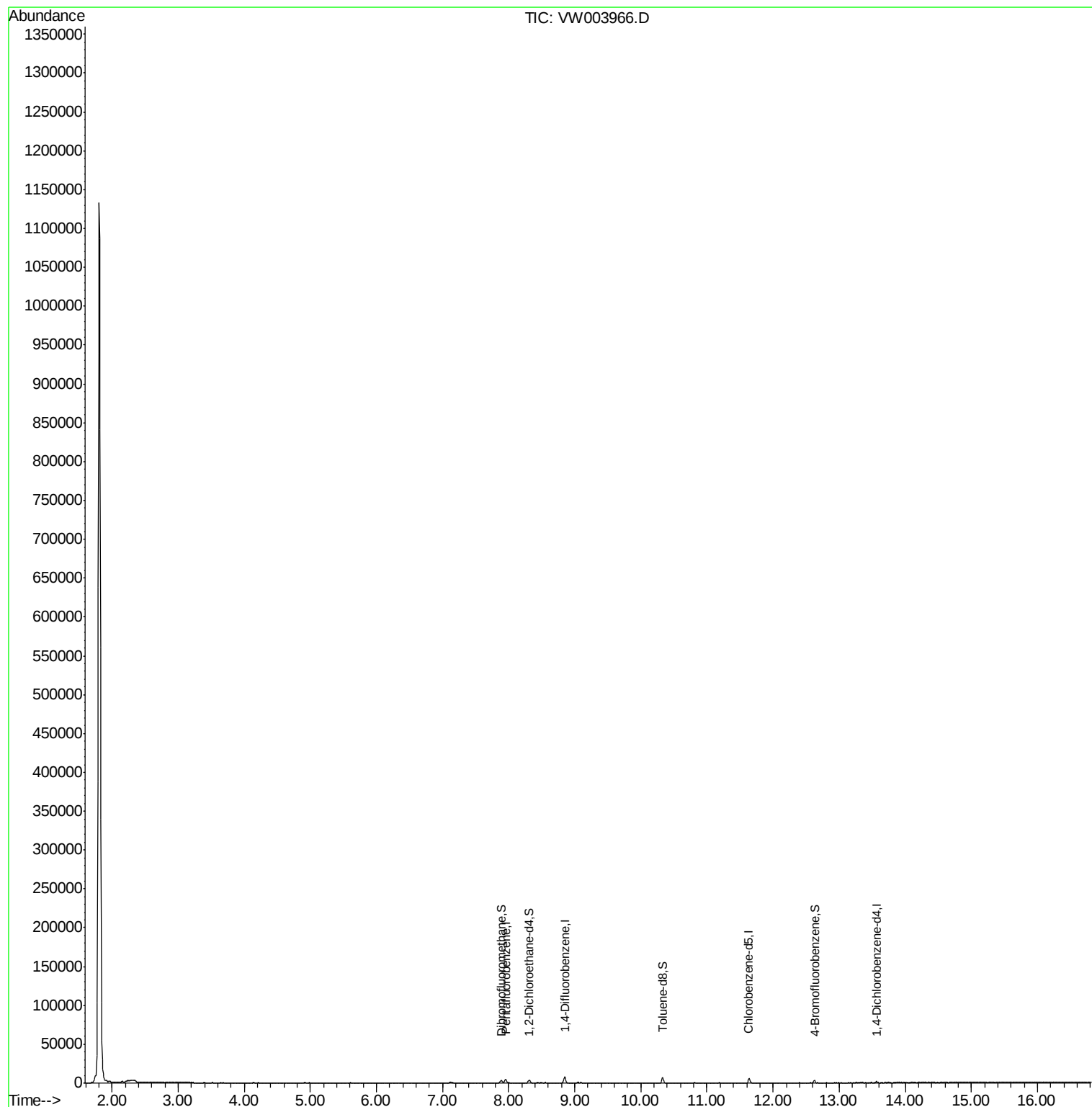
Target Compounds	Qvalue

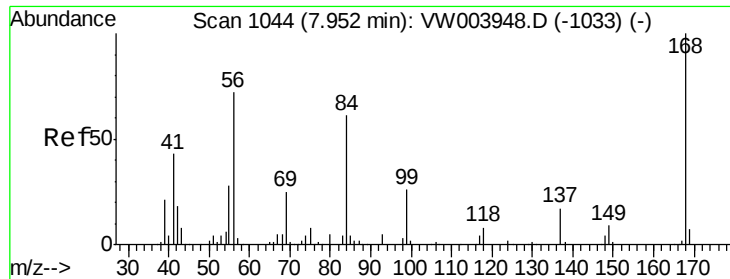
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003966.D

Acq: 16 Jul 2018 21:53

Instrument :

MSVOA_W

ClientSampleId :

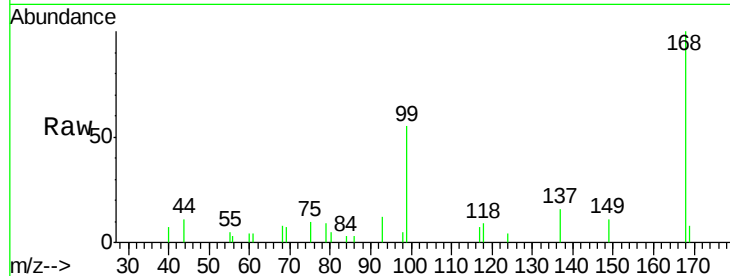
PL-01-071318-B

Tot Ion:168 Resp: 3880

Ion Ratio Lower Upper

168 100

99 54.7 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

1500

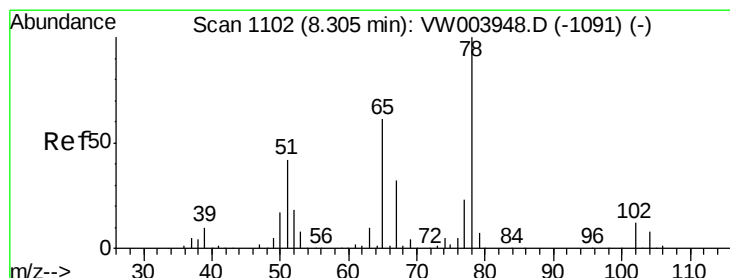
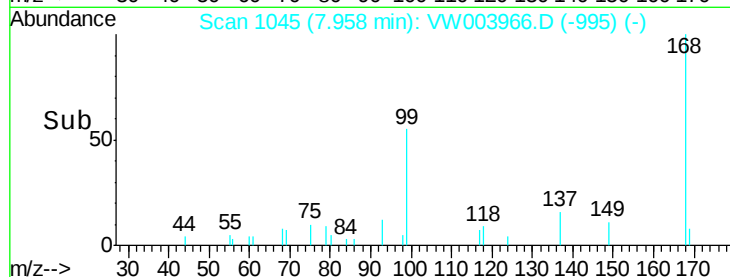
1000

500

0

7.90 7.95 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.11 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003966.D

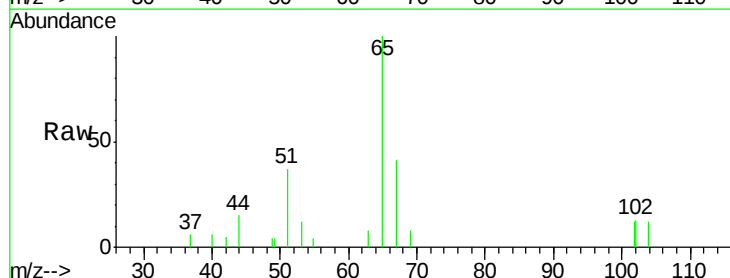
Acq: 16 Jul 2018 21:53

Tgt Ion: 65 Resp: 2824

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

1500

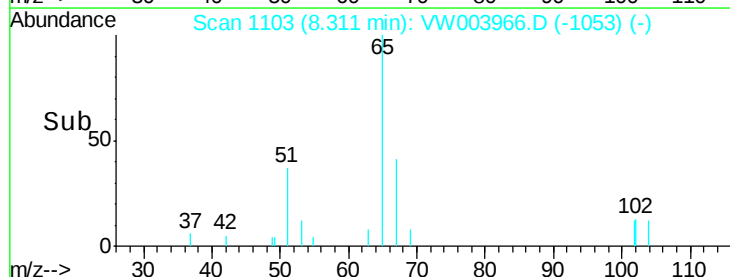
1000

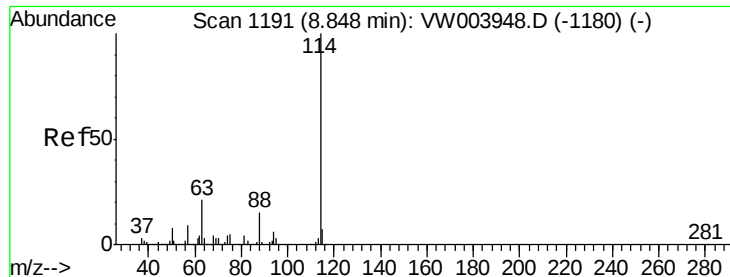
500

0

8.25 8.30 8.35

Time-->

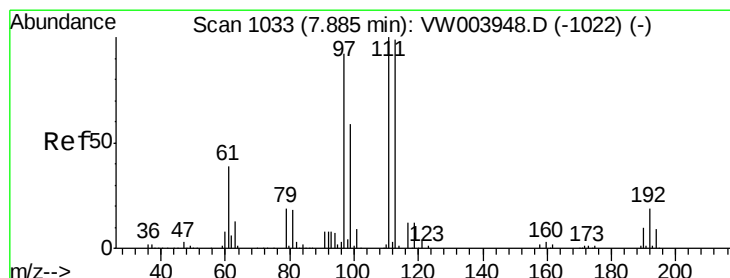
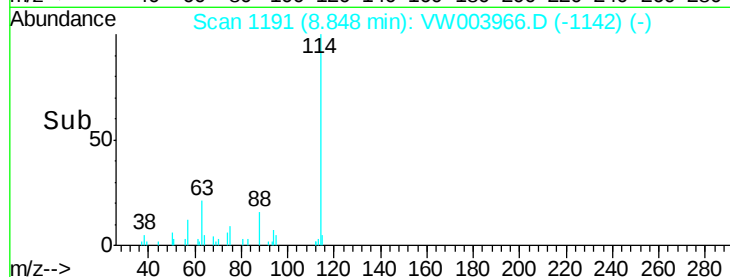
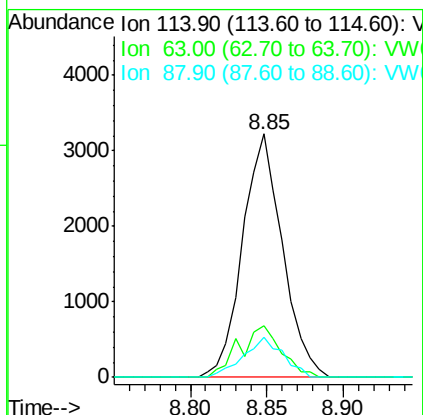
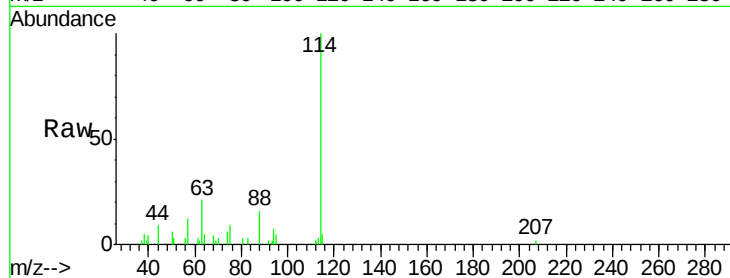




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW003966.D
Acq: 16 Jul 2018 21:53

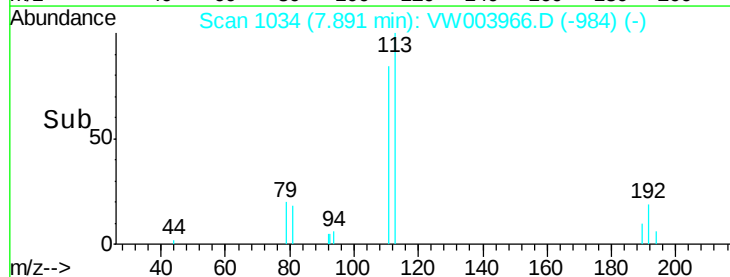
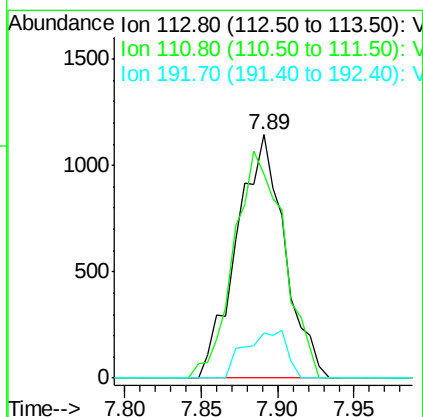
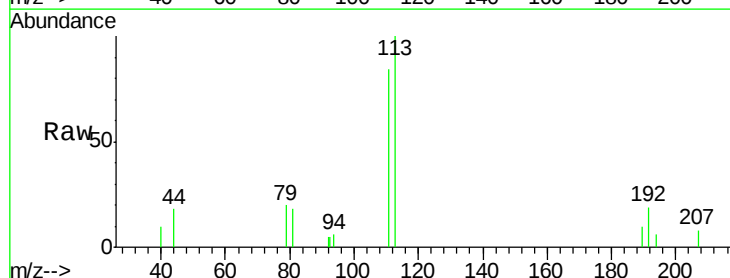
Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-B

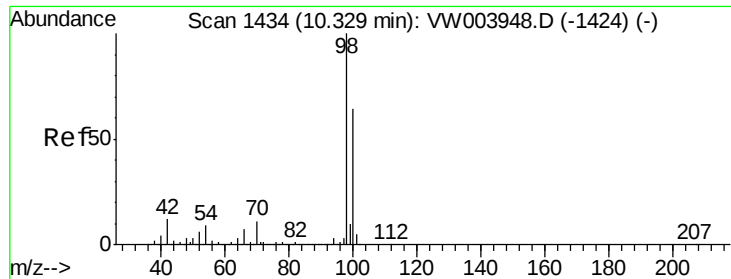
Tot Ion:114 Resp: 5856
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.8
88 16.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 66.70 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW003966.D
Acq: 16 Jul 2018 21:53

Tgt Ion:113 Resp: 2506
Ion Ratio Lower Upper
113 100
111 96.7 81.3 121.9
192 17.0 15.8 23.6





#50

Toluene-d8

Concen: 32.15 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003966.D

Acq: 16 Jul 2018 21:53

Instrument :

MSVOA_W

ClientSampleId :

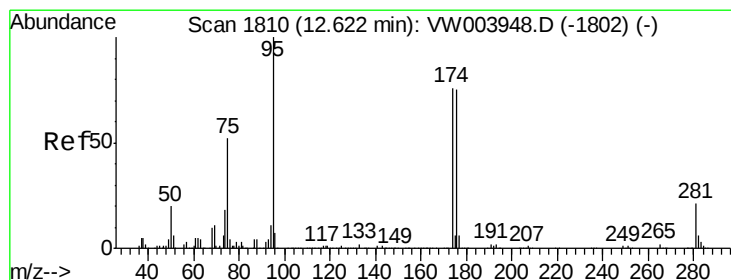
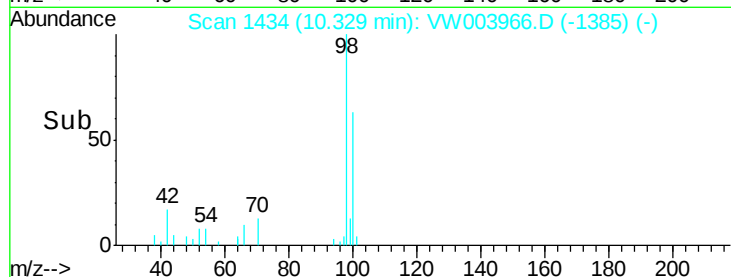
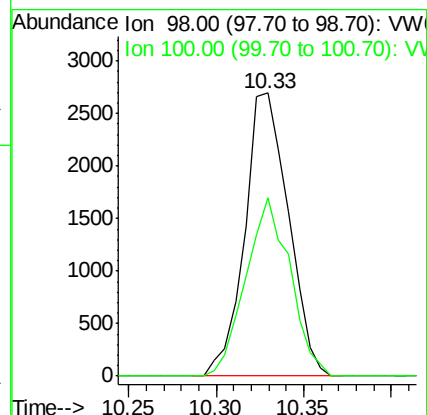
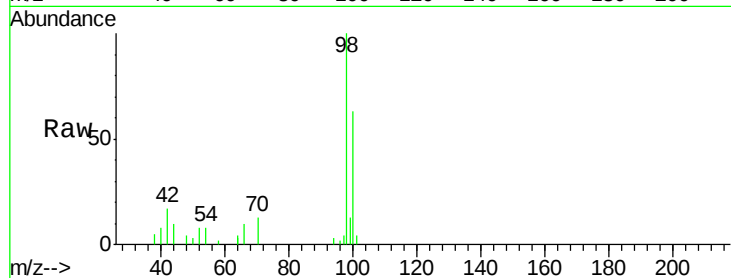
PL-01-071318-B

Tot Ion: 98 Resp: 4687

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 19.61 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003966.D

Acq: 16 Jul 2018 21:53

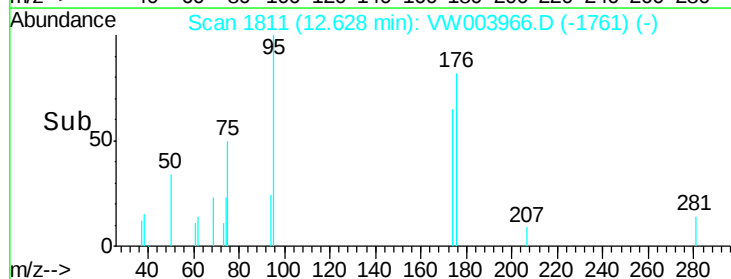
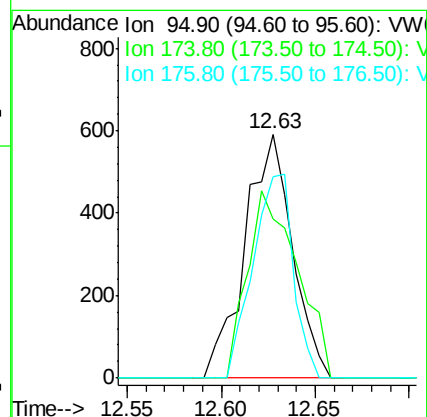
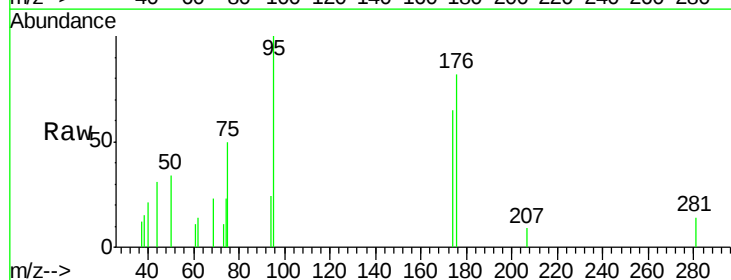
Tgt Ion: 95 Resp: 1031

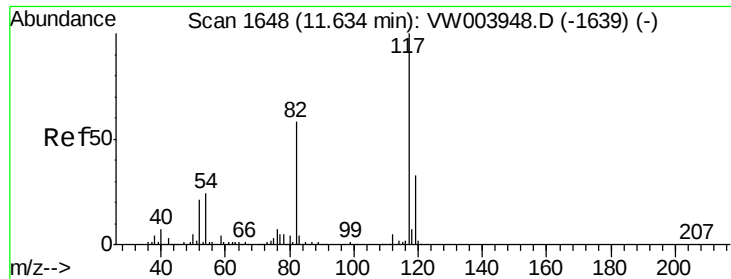
Ion Ratio Lower Upper

95 100

174 80.7 0.0 160.2

176 71.1 0.0 155.8

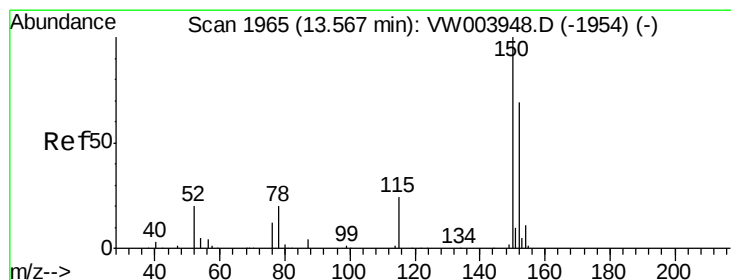
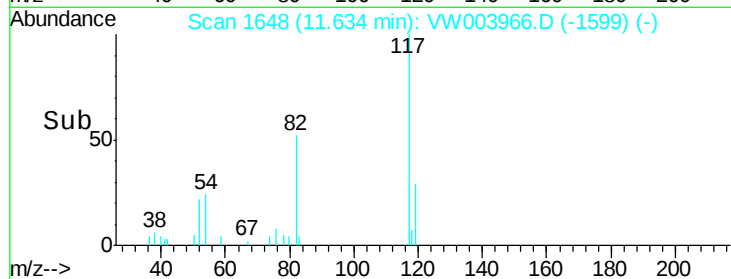
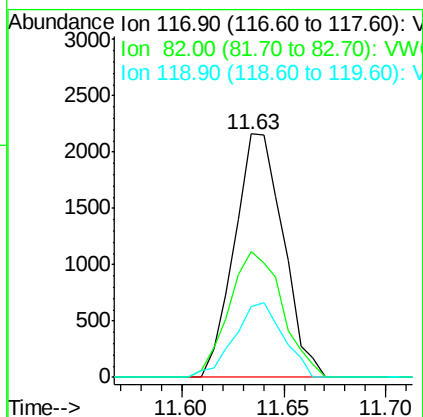
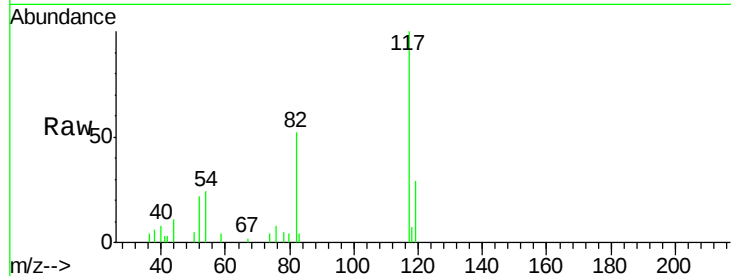




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003966.D
Acq: 16 Jul 2018 21:53

Instrument :
MSVOA_W
ClientSampleId :
PL-01-071318-B

Tot Ion:117 Resp: 3581
Ion Ratio Lower Upper
117 100
82 51.6 46.5 69.7
119 29.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003966.D
Acq: 16 Jul 2018 21:53

Tgt Ion:152 Resp: 710
Ion Ratio Lower Upper
152 100
115 57.2 29.2 87.6
150 155.9 0.0 345.2

