

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005424.D
 Acq On : 17 Sep 2018 11:05
 Operator : SY/AP
 Sample : VW0917SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBL01

Quant Time: Sep 18 01:16:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	288266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	428421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	402323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	199502	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128049	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	
35) Dibromofluoromethane	7.89	113	111275	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
50) Toluene-d8	10.33	98	518976	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.62	95	181399	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

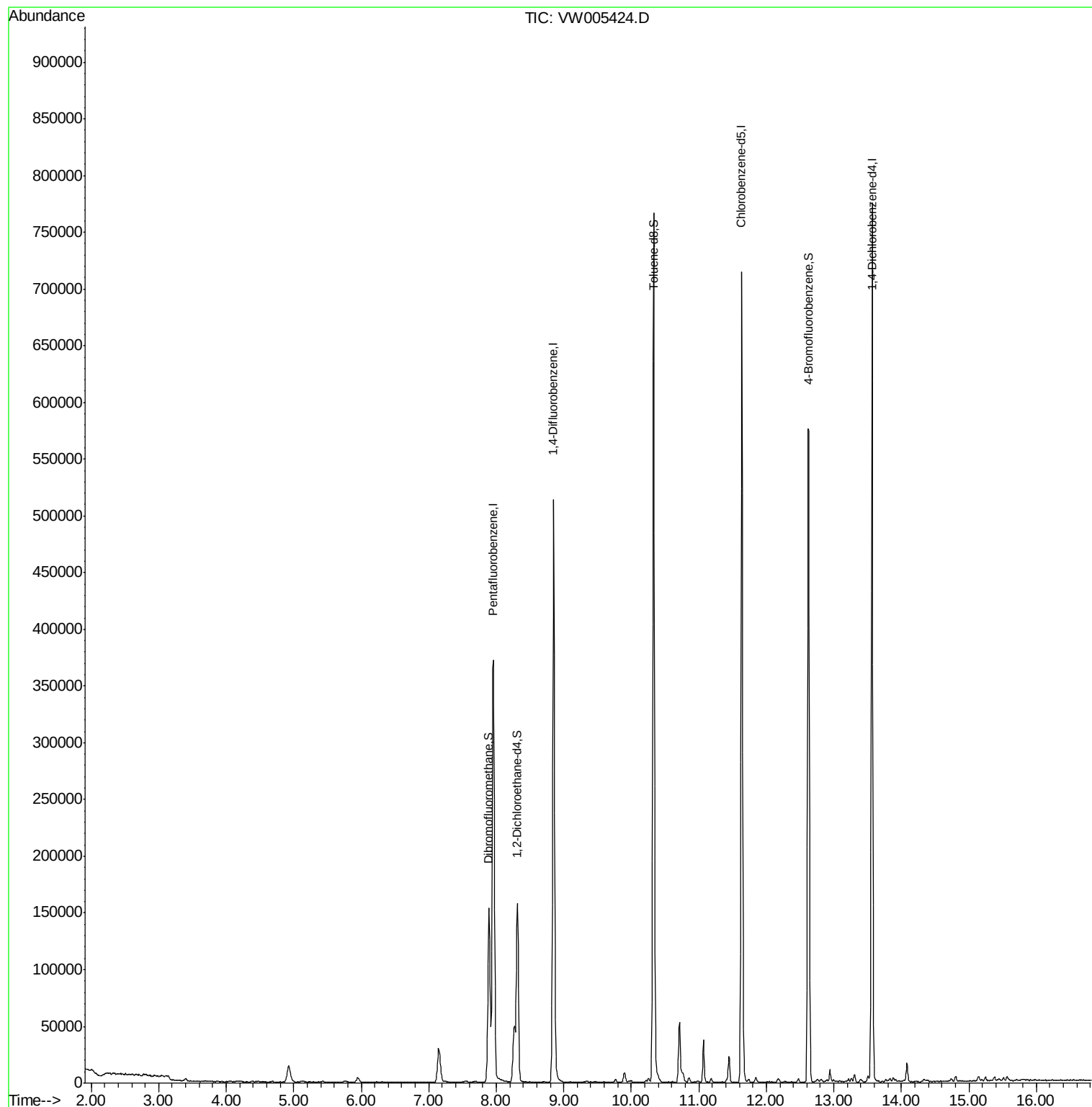
Target Compounds	Qvalue

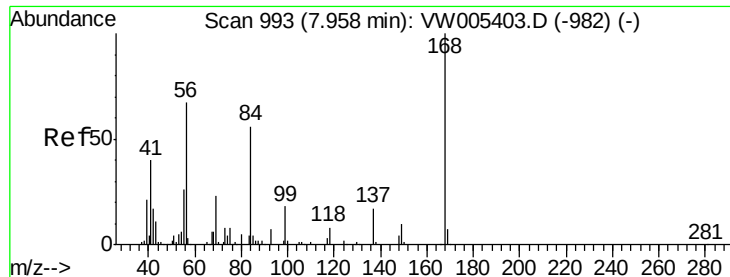
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091718\
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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

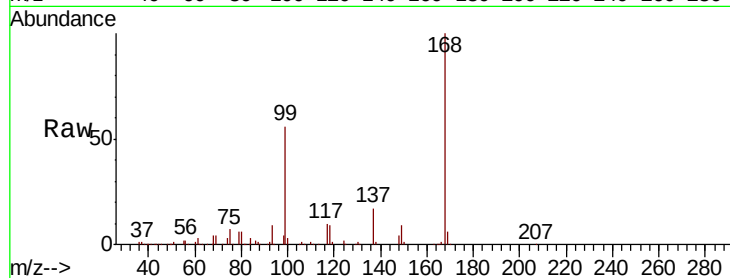
VW0917SBL01

Tot Ion:168 Resp: 288266

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

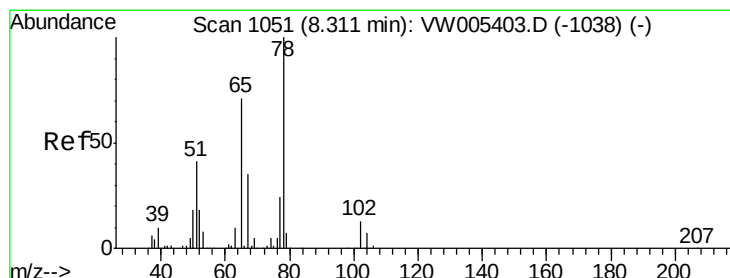
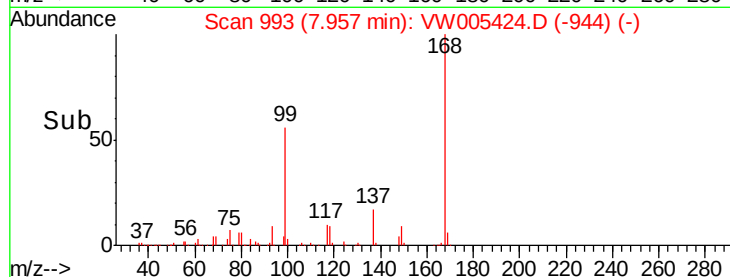
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.79 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005424.D

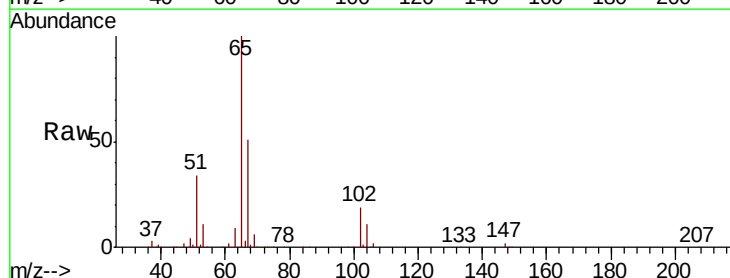
Acq: 17 Sep 2018 11:05

Tgt Ion: 65 Resp: 128049

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

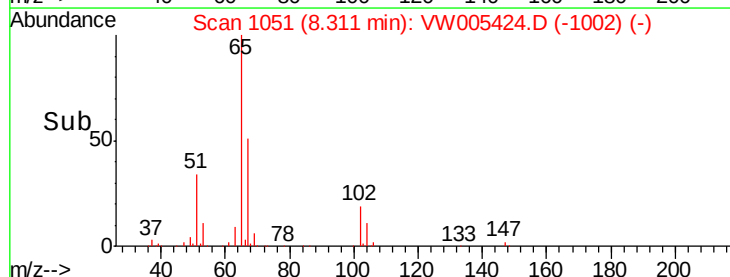
60000

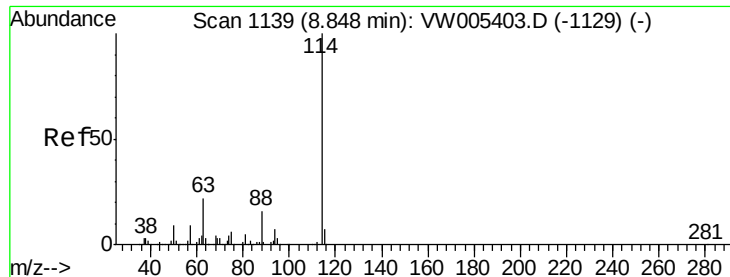
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBL01

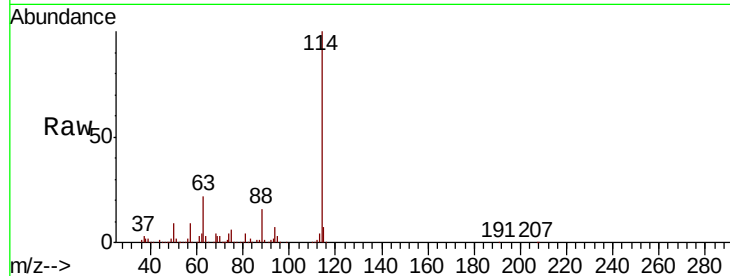
Tot Ion:114 Resp: 428421

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

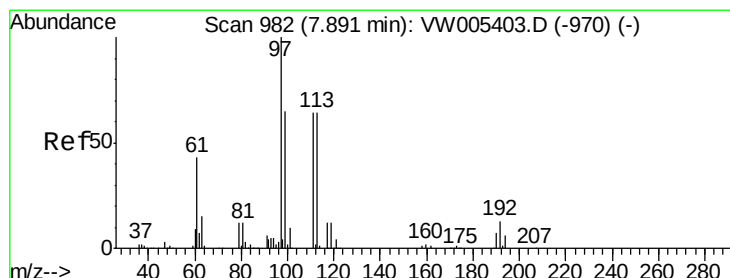
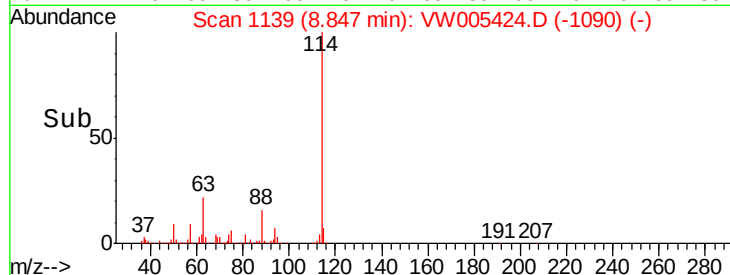
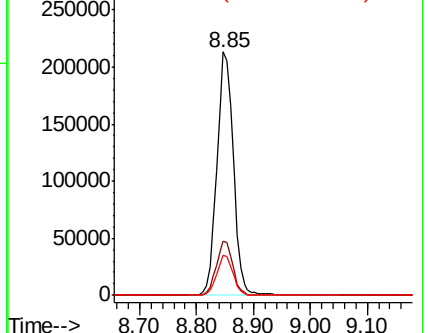
88 16.2 0.0 31.8



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: 46.32 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

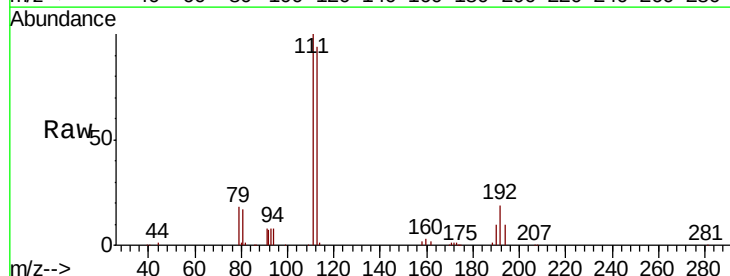
Tgt Ion:113 Resp: 111275

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

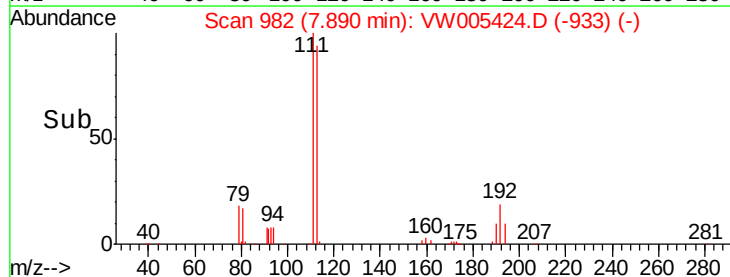
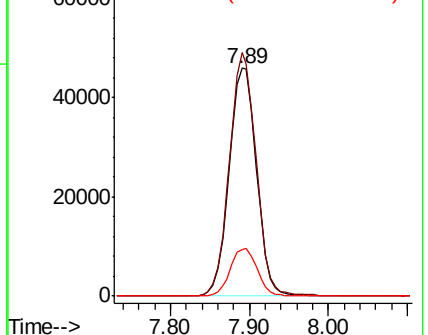
192 20.5 16.5 24.7

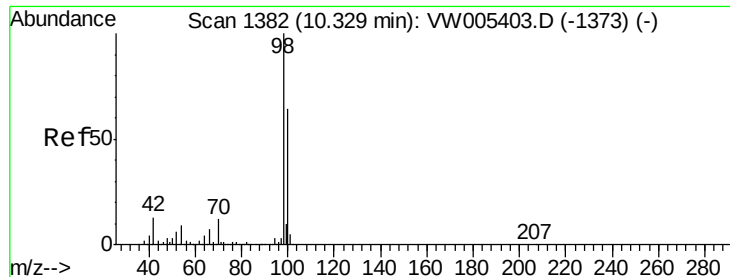


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.18 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

Instrument :

MSVOA_W

ClientSampleId :

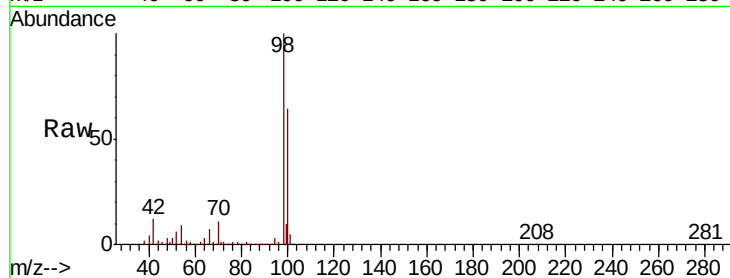
VW0917SBL01

Tot Ion: 98 Resp: 518976

Ion Ratio Lower Upper

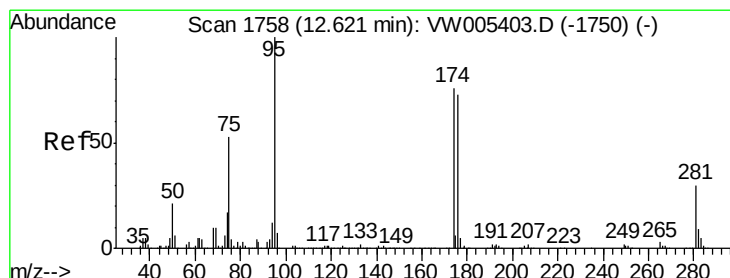
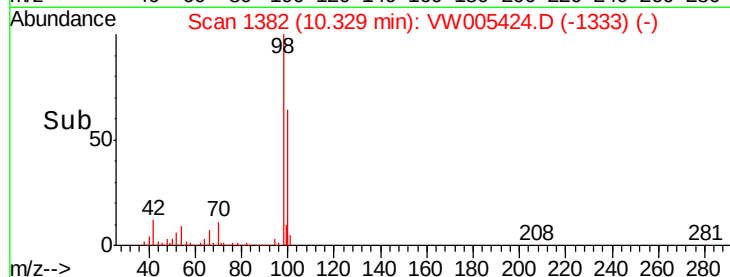
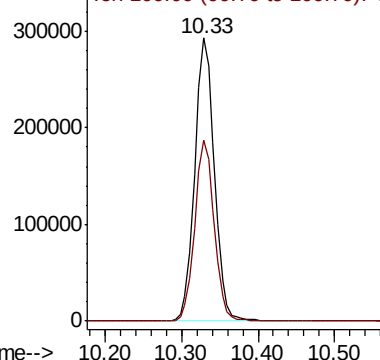
98 100

100 63.6 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.97 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005424.D

Acq: 17 Sep 2018 11:05

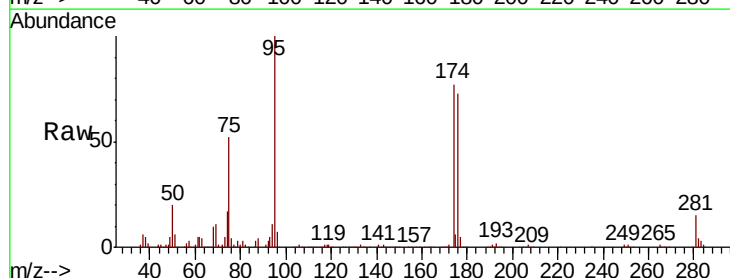
Tgt Ion: 95 Resp: 181399

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.2

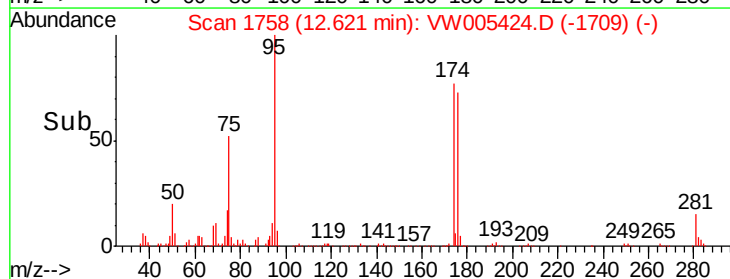
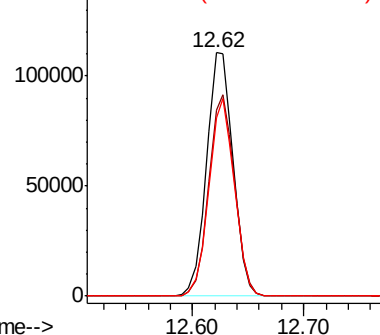
176 78.0 0.0 156.6

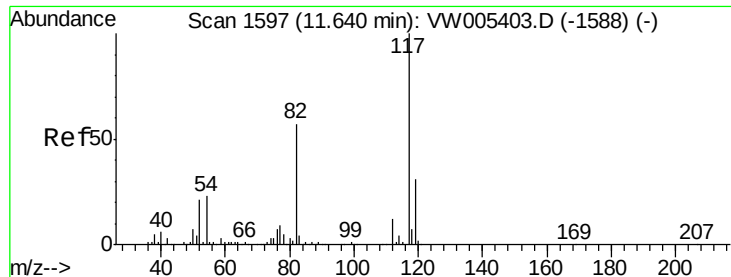


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

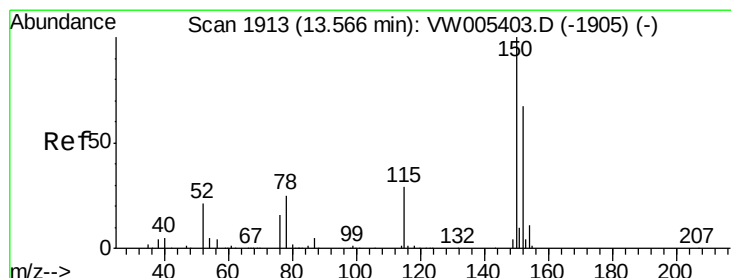
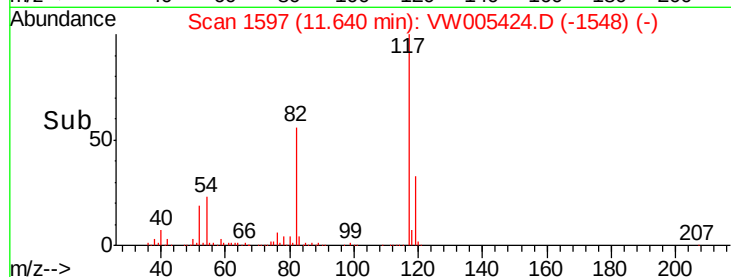
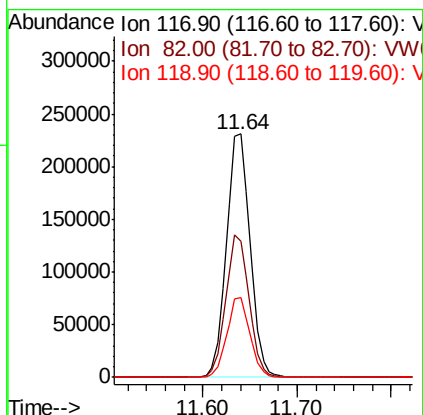
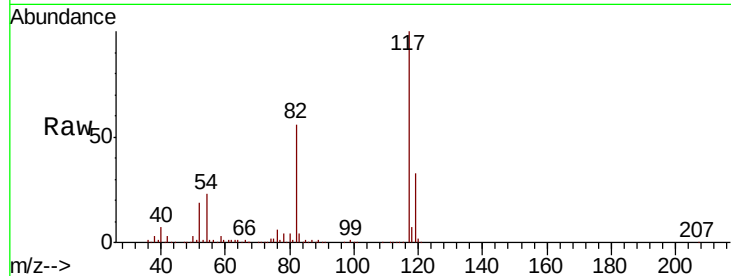




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	32.6	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005424.D
Acq: 17 Sep 2018 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.5	88.5
150	156.9	0.0	345.6

