

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005582.D
 Acq On : 24 Sep 2018 14:04
 Operator : VA/AP
 Sample : J4777-25
 Misc : 6.94G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-A

Quant Time: Sep 25 06:06:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	239686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379392	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	315662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70286	24.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.78%	
35) Dibromofluoromethane	7.89	113	62463	26.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.36%	
50) Toluene-d8	10.33	98	209940	21.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.22%	
62) 4-Bromofluorobenzene	12.63	95	67753	18.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.70%	

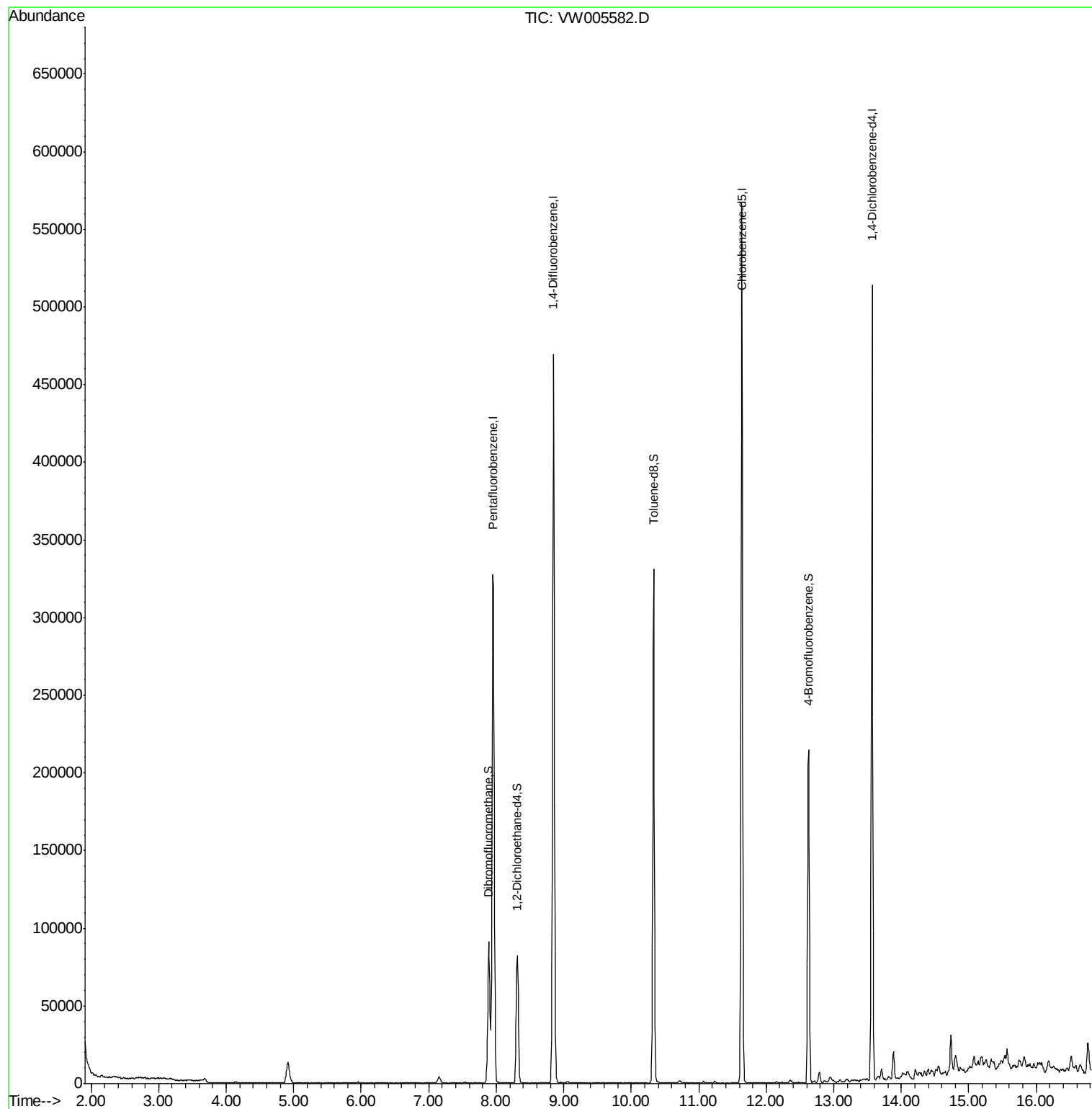
Target Compounds	Qvalue

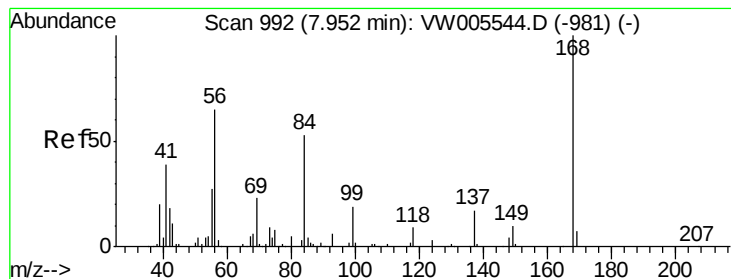
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

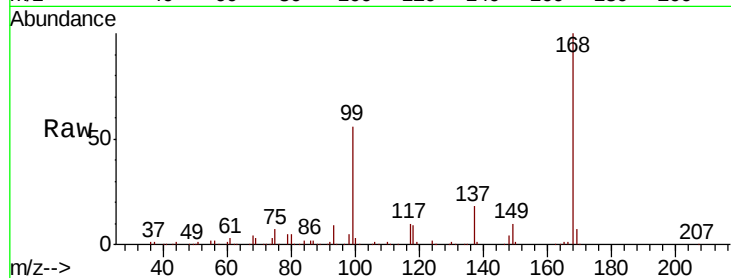
PL-04-092018-A

Tot Ion:168 Resp: 239686

Ion Ratio Lower Upper

168 100

99 55.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

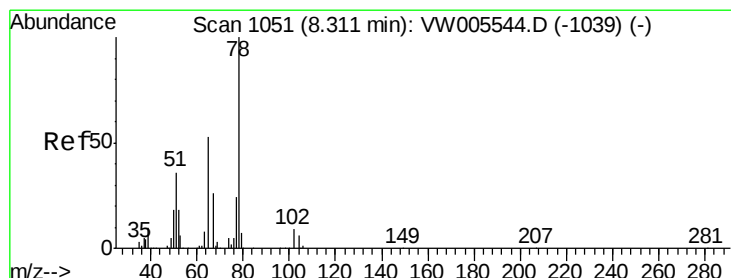
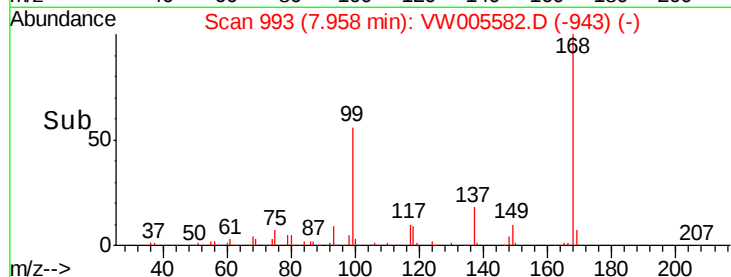
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 24.892 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005582.D

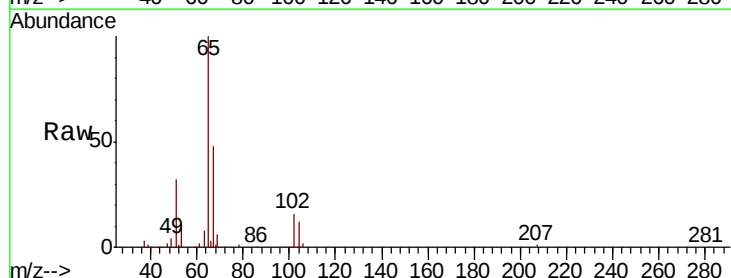
Acq: 24 Sep 2018 14:04

Tgt Ion: 65 Resp: 70286

Ion Ratio Lower Upper

65 100

67 48.5 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

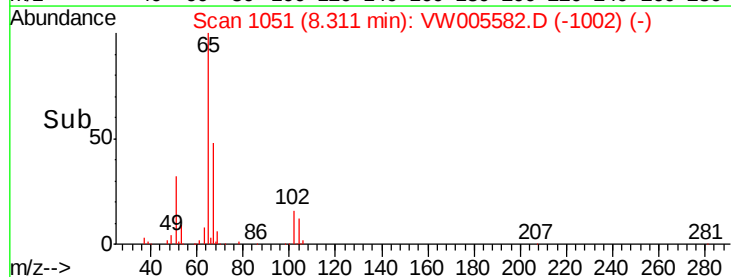
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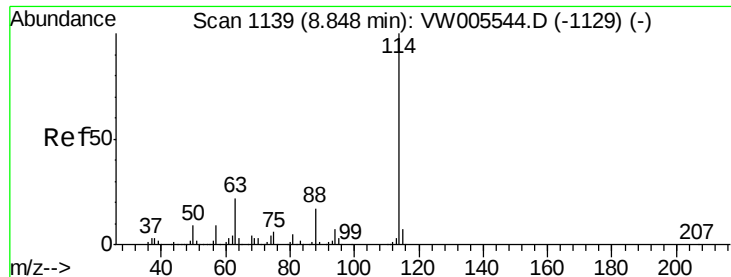
20000

10000

0

Time-->

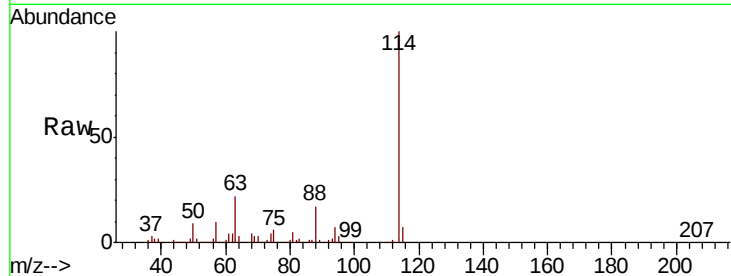




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	16.8	0.0	33.0

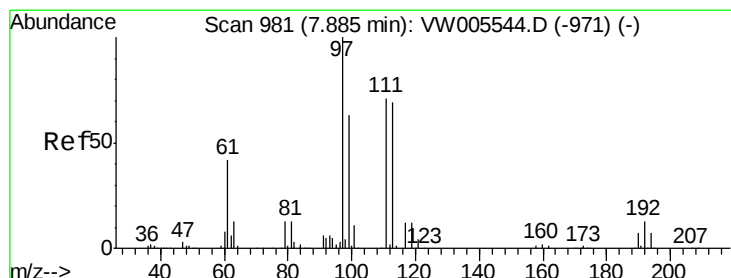
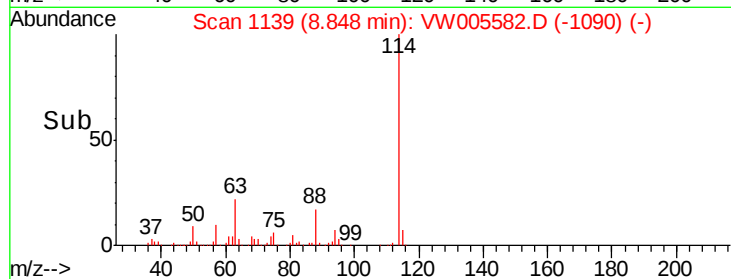
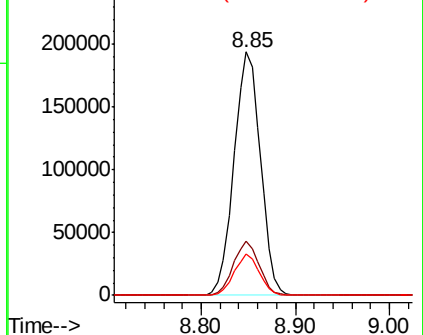


Abundance

Ion 113.90 (113.60 to 114.60): V

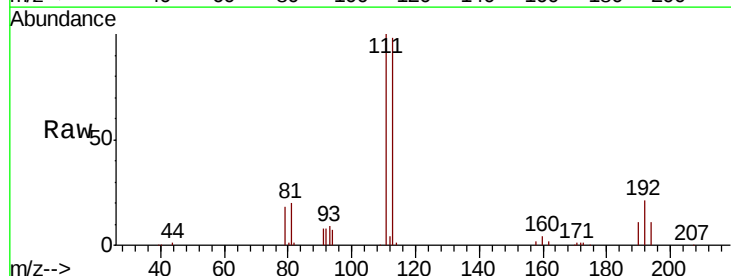
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 26.181 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005582.D
 Acq: 24 Sep 2018 14:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	21.2	17.0	25.4

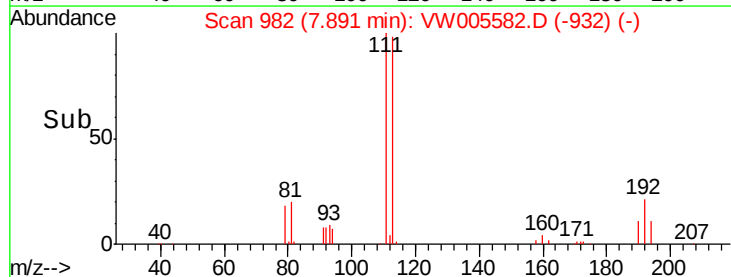
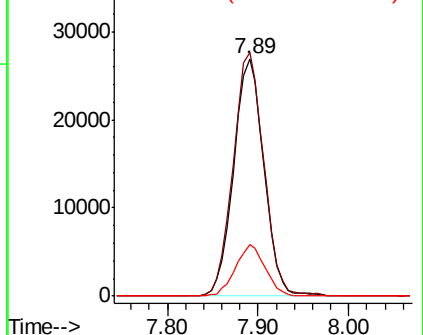


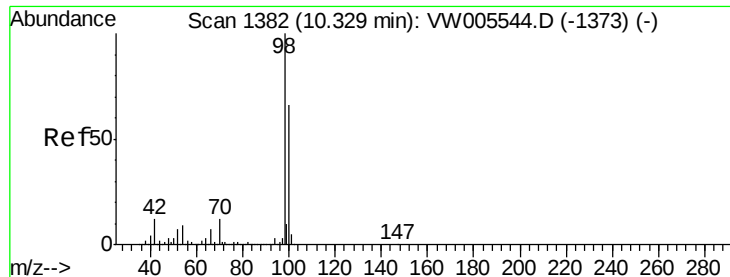
Abundance

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: 21.611 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

Instrument :

MSVOA_W

ClientSampleId :

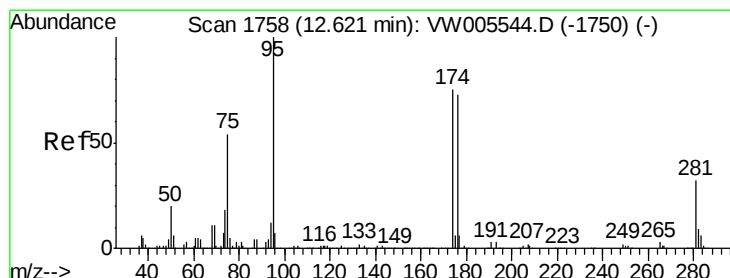
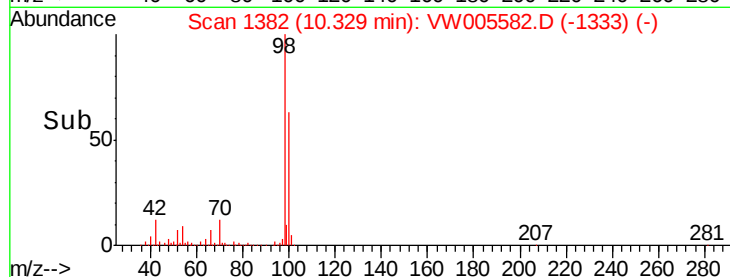
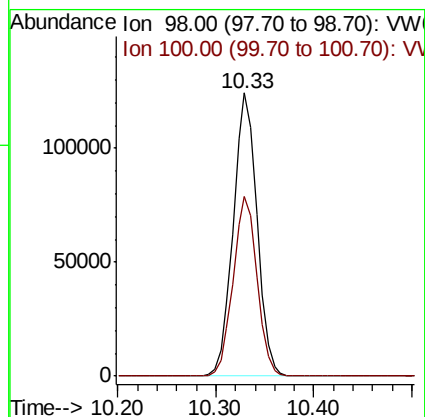
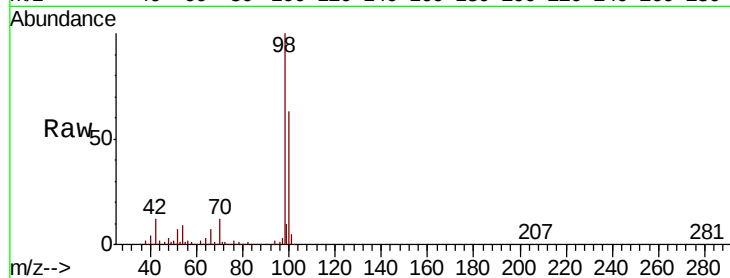
PL-04-092018-A

Tot Ion: 98 Resp: 209940

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.848 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005582.D

Acq: 24 Sep 2018 14:04

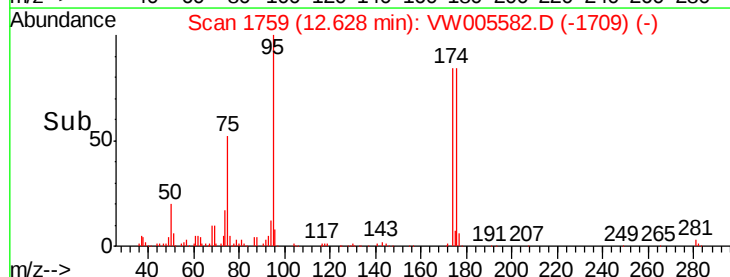
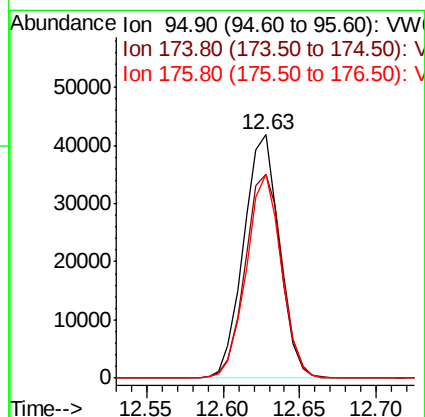
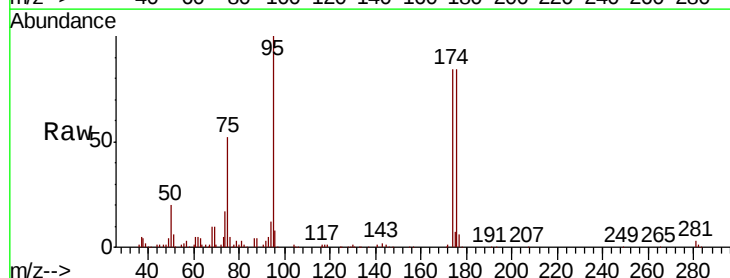
Tgt Ion: 95 Resp: 67753

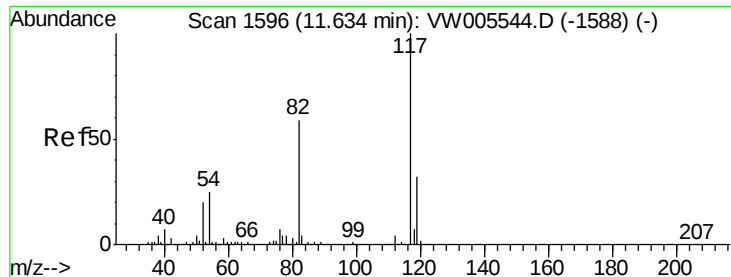
Ion Ratio Lower Upper

95 100

174 86.9 0.0 163.8

176 82.0 0.0 158.0

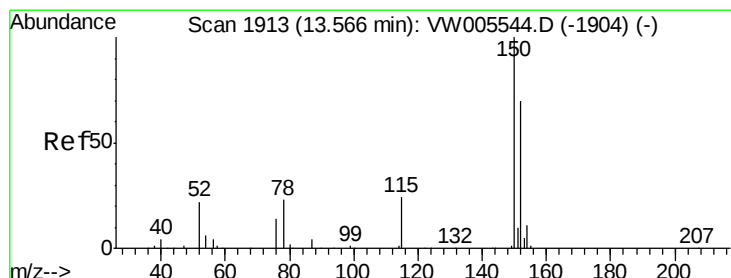
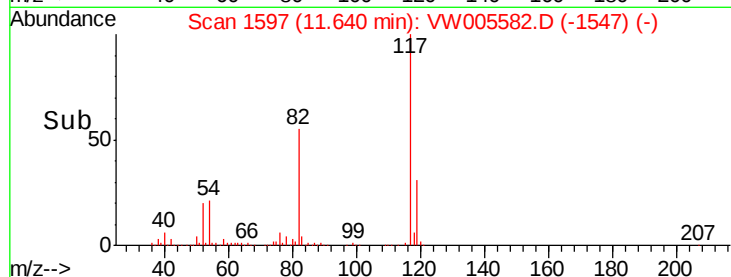
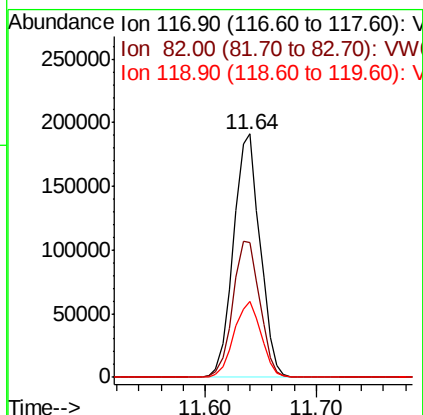
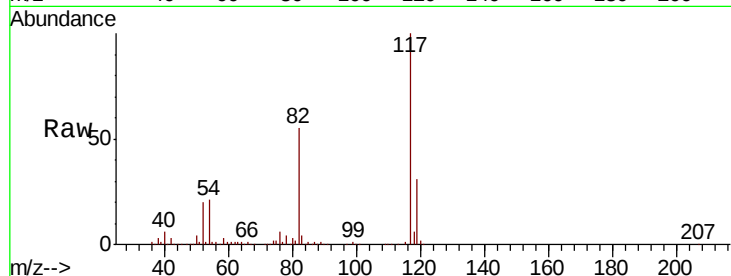




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-A

Tot Ion:117 Resp: 315662
Ion Ratio Lower Upper
117 100
82 55.4 46.9 70.3
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005582.D
Acq: 24 Sep 2018 14:04

Tgt Ion:152 Resp: 131578
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.0
150 154.7 0.0 348.6

