

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005583.D
 Acq On : 24 Sep 2018 14:30
 Operator : VA/AP
 Sample : J4777-27
 Misc : 6.37G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 25 07:03:52 2018
 Quant Method : Z:\V0ASRV\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	238185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	319177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79942	28.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.98%	
35) Dibromofluoromethane	7.89	113	67065	28.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.66%	
50) Toluene-d8	10.33	98	224495	23.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.58%	
62) 4-Bromofluorobenzene	12.62	95	77054	21.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.20%	

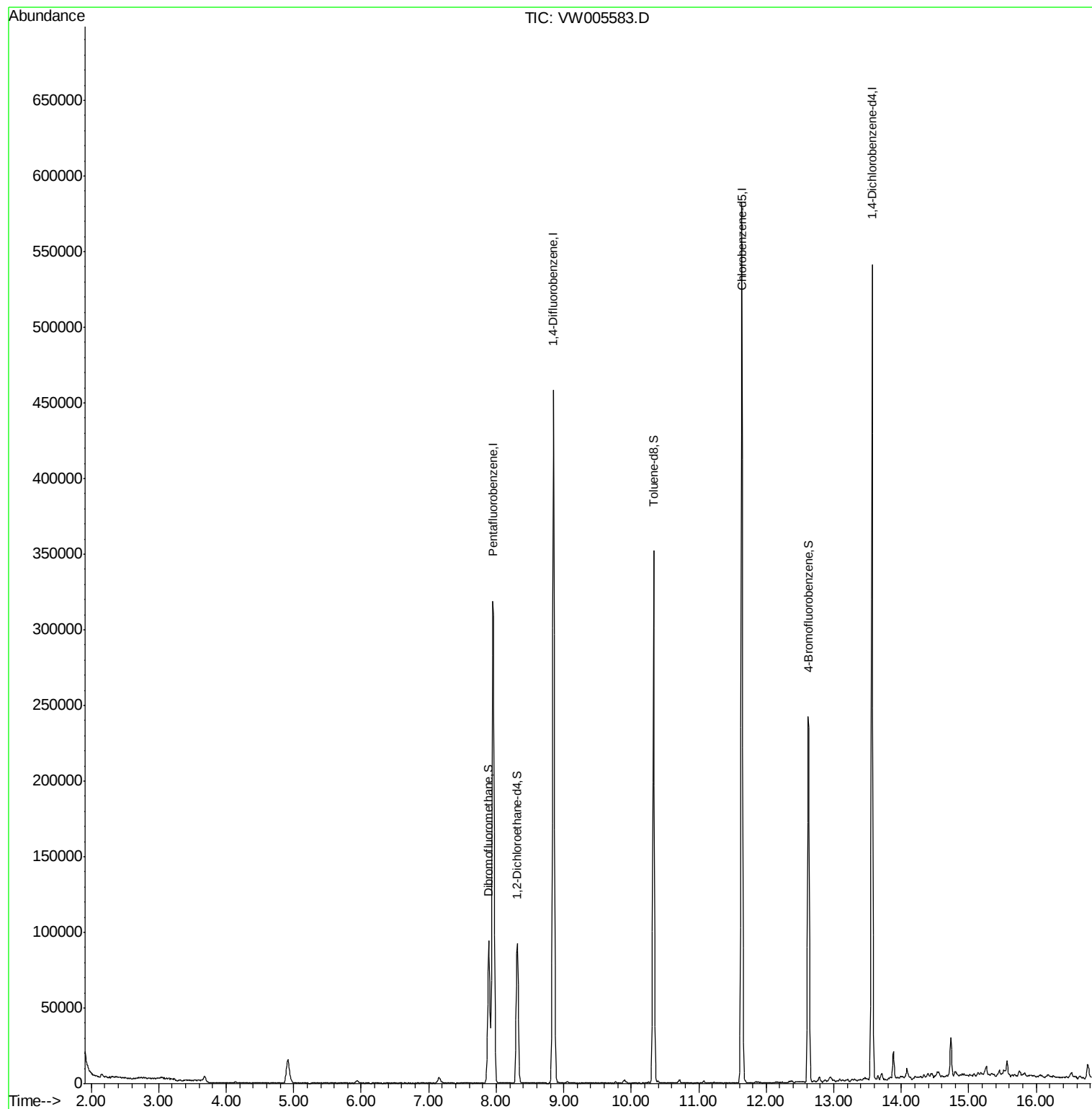
Target Compounds	Qvalue

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

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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: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

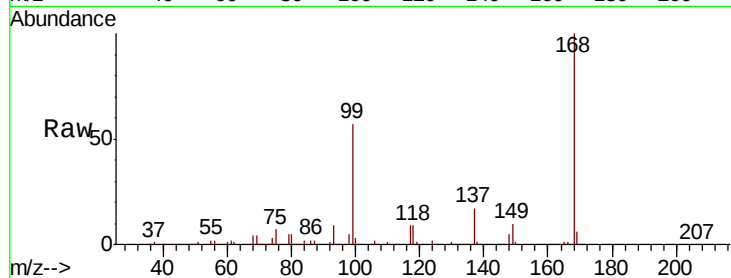
PL-04-092018-B

Tot Ion:168 Resp: 238185

Ion Ratio Lower Upper

168 100

99 56.9 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

120000

100000

80000

60000

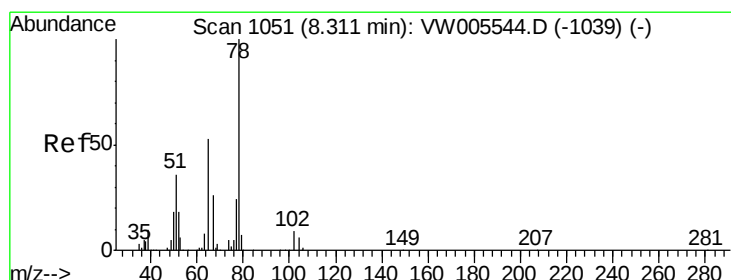
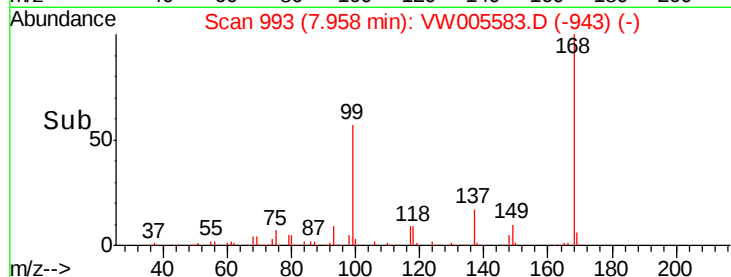
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 28.490 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005583.D

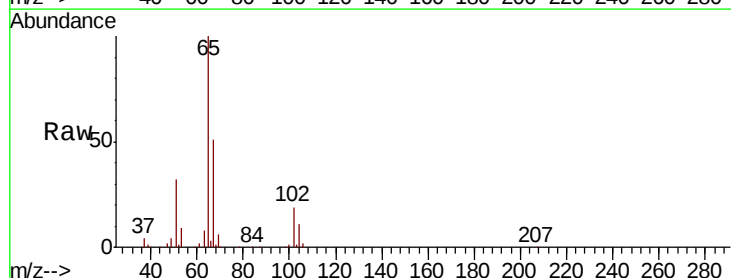
Acq: 24 Sep 2018 14:30

Tgt Ion: 65 Resp: 79942

Ion Ratio Lower Upper

65 100

67 48.7 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

40000

30000

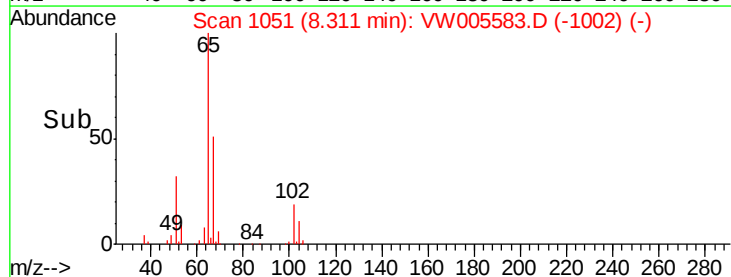
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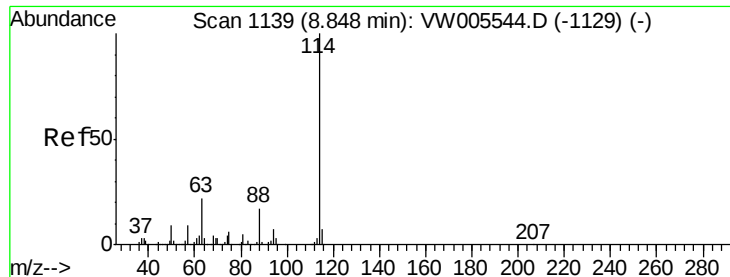
10000

0

8.20 8.30 8.40

Time-->

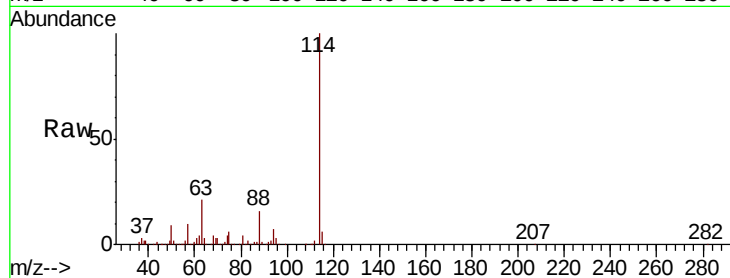




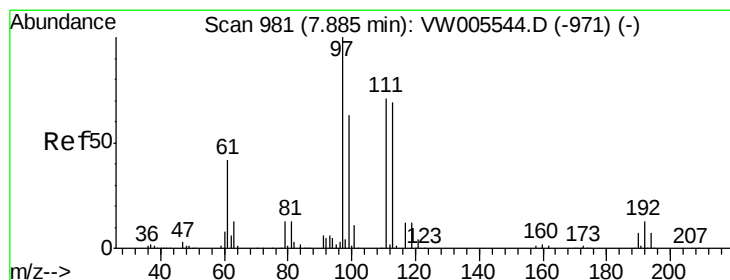
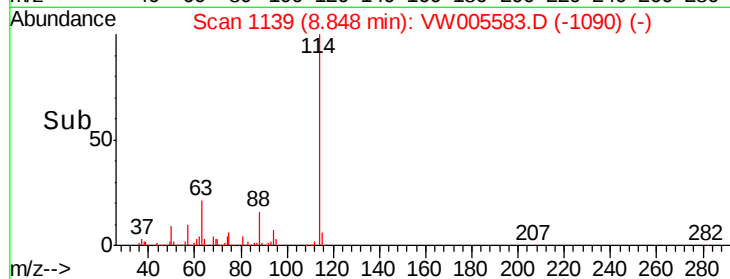
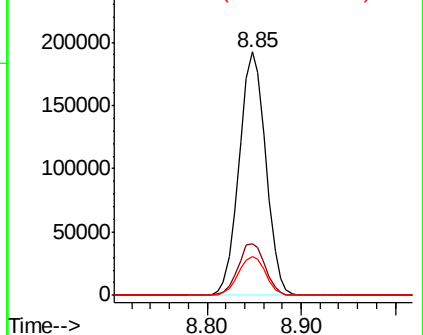
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

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

Tot Ion:114 Resp: 376420
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.8 0.0 33.0

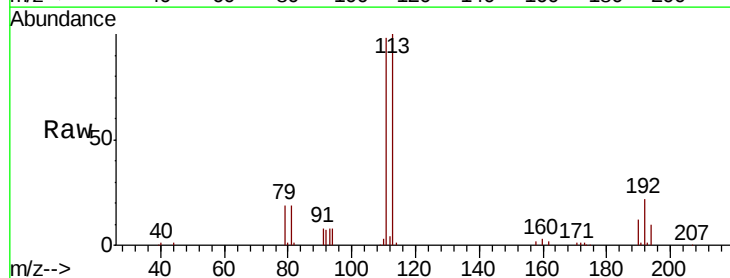


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

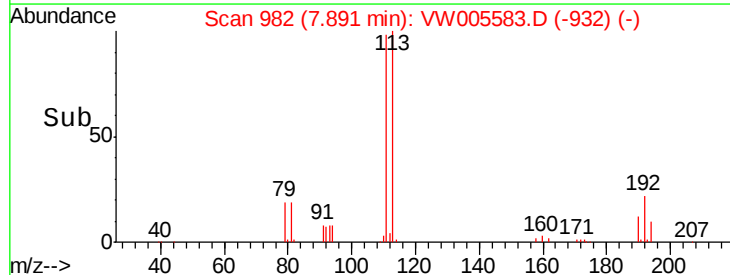
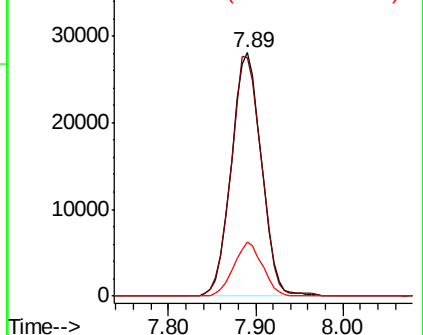


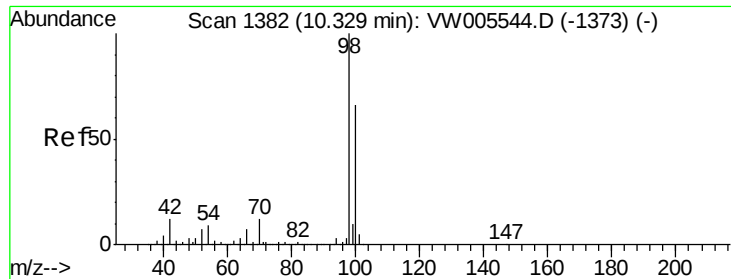
#35
 Dibromofluoromethane
 Concen: 28.331 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005583.D
 Acq: 24 Sep 2018 14:30

Tgt Ion:113 Resp: 67065
 Ion Ratio Lower Upper
 113 100
 111 99.8 82.6 123.8
 192 21.1 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: 23.291 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

Instrument :

MSVOA_W

ClientSampleId :

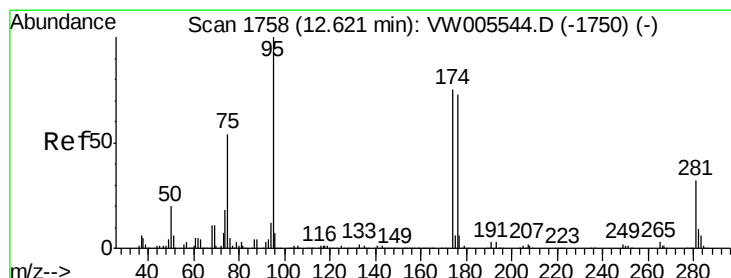
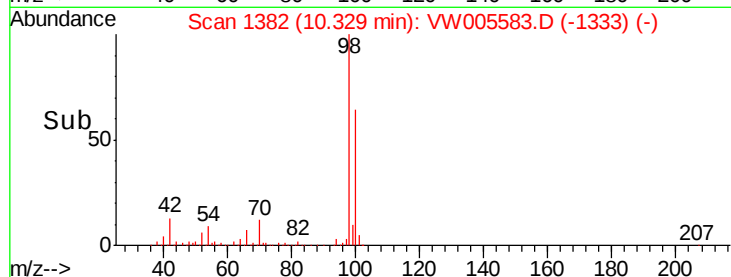
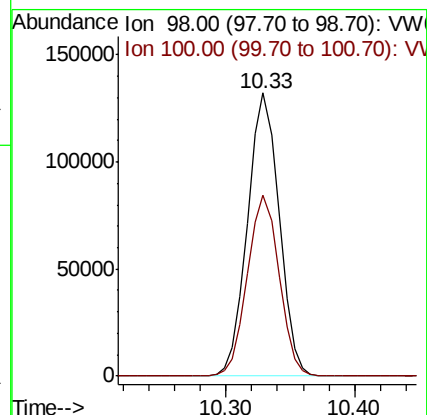
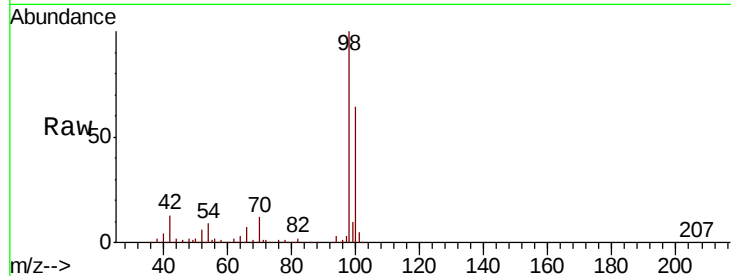
PL-04-092018-B

Tot Ion: 98 Resp: 224495

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 21.605 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005583.D

Acq: 24 Sep 2018 14:30

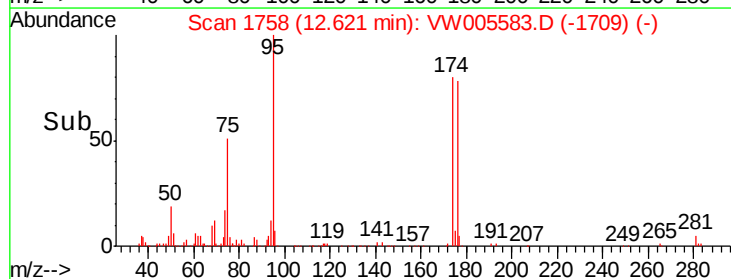
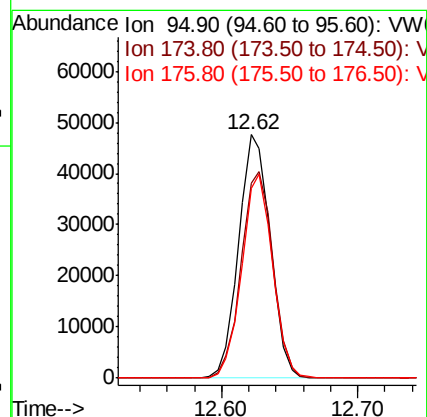
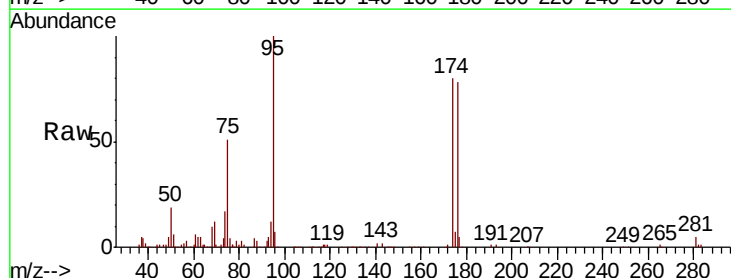
Tgt Ion: 95 Resp: 77054

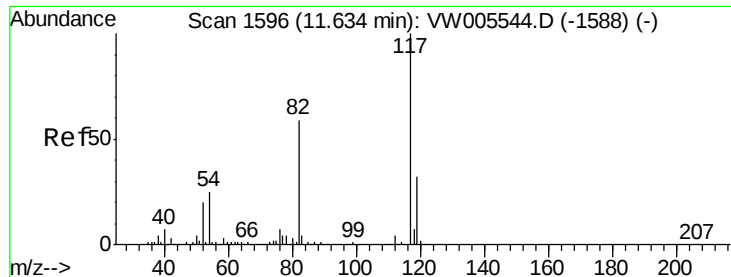
Ion Ratio Lower Upper

95 100

174 85.7 0.0 163.8

176 81.8 0.0 158.0

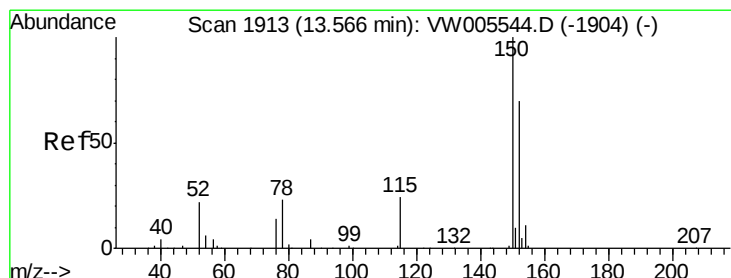
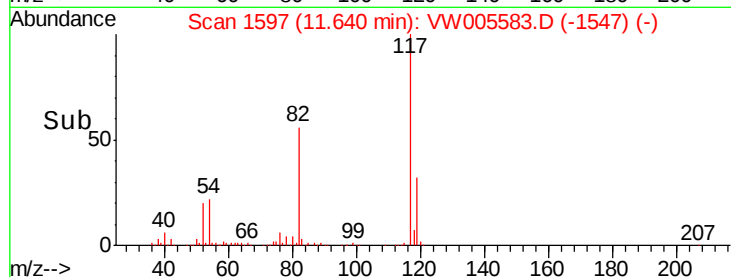
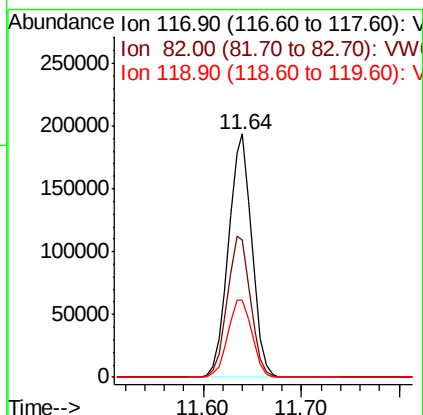
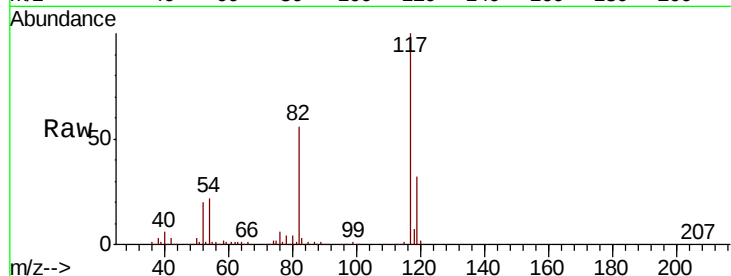




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005583.D
Acq: 24 Sep 2018 14:30

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.9	70.3
119	31.7	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: VW005583.D
Acq: 24 Sep 2018 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	30.0	90.0
150	158.7	0.0	348.6

