

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005300.D
 Acq On : 12 Sep 2018 03:48
 Operator : SY/AP
 Sample : J4821-01RE
 Misc : 13.81G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ENY-SB-02-61.0-61.5RE

Quant Time: Sep 12 07:23:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	476724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	766023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	635470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	235626	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	183957	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
35) Dibromofluoromethane	7.89	113	172690	43.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.08%	
50) Toluene-d8	10.33	98	607690	29.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.94%	
62) 4-Bromofluorobenzene	12.63	95	203053	27.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.76%	

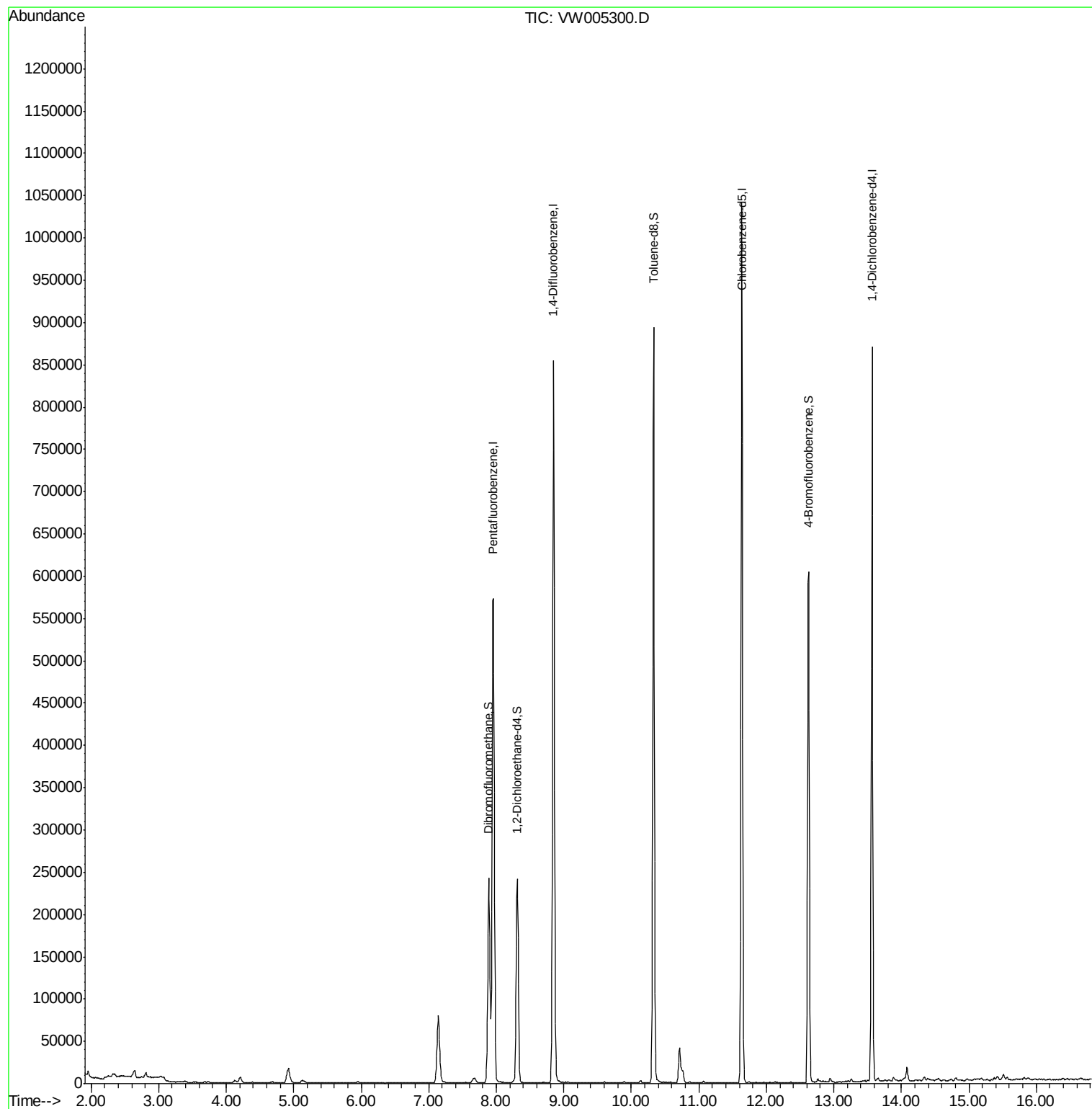
Target Compounds	Qvalue
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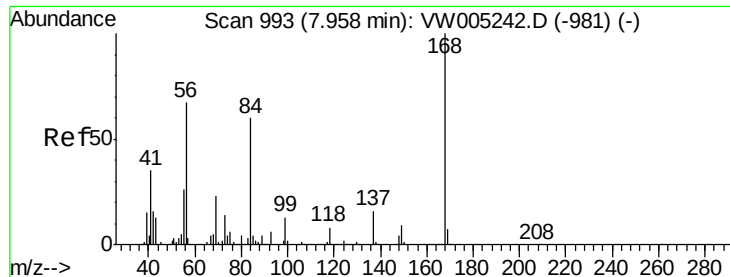
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

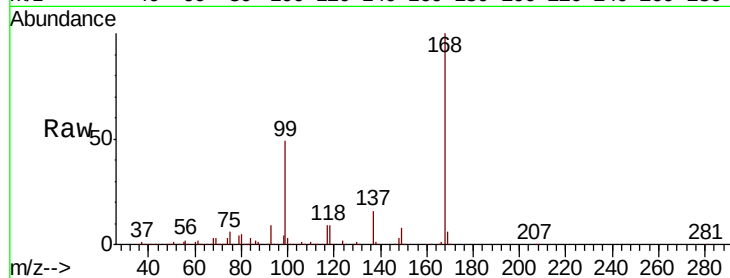
ENY-SB-02-61.0-61.5RE

Tot Ion:168 Resp: 476724

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

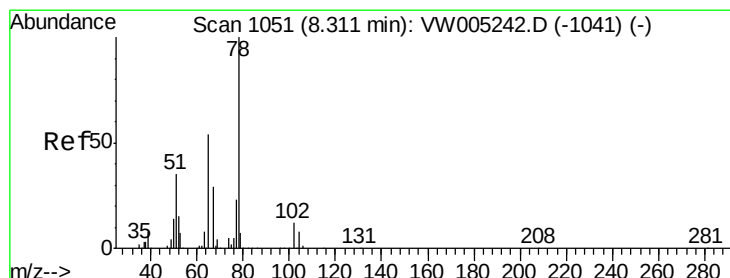
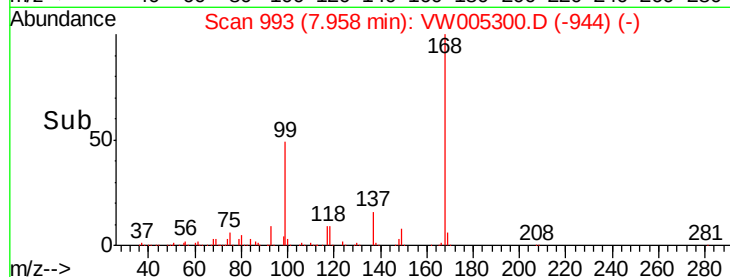
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005300.D

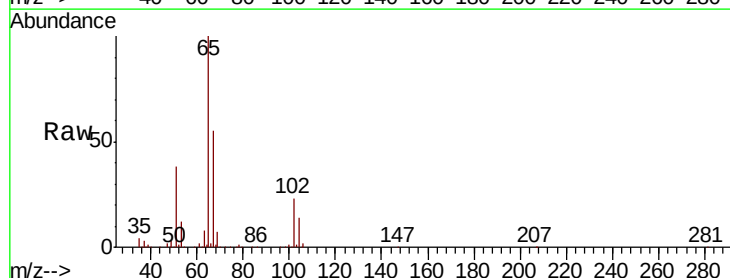
Acq: 12 Sep 2018 03:48

Tgt Ion: 65 Resp: 183957

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

60000

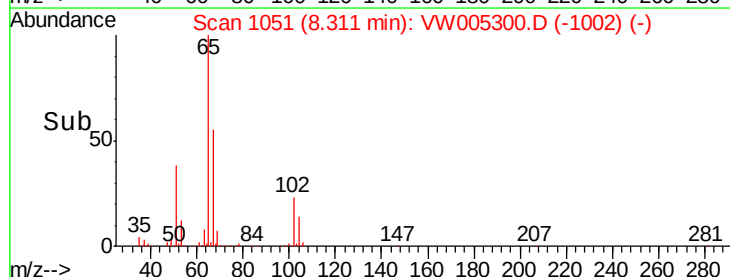
40000

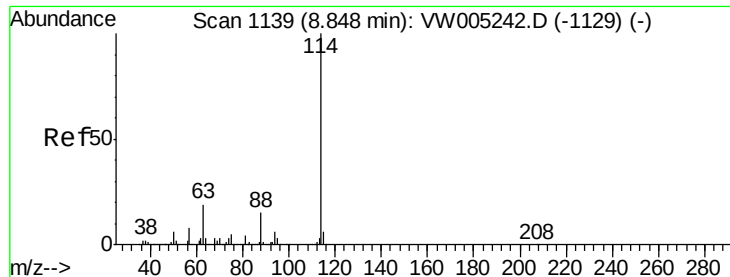
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

ENY-SB-02-61.0-61.5RE

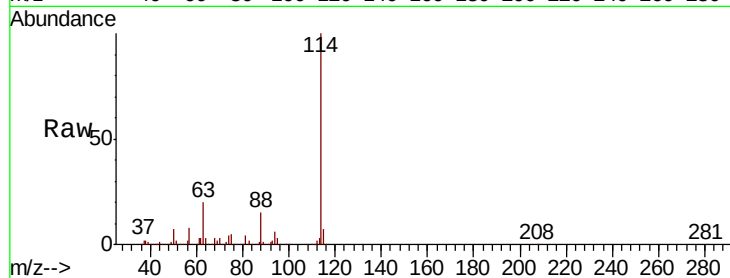
Tot Ion:114 Resp: 766023

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

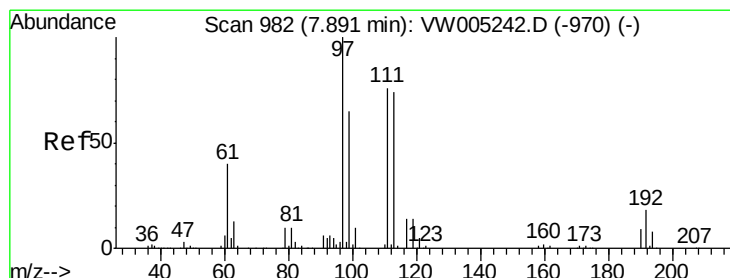
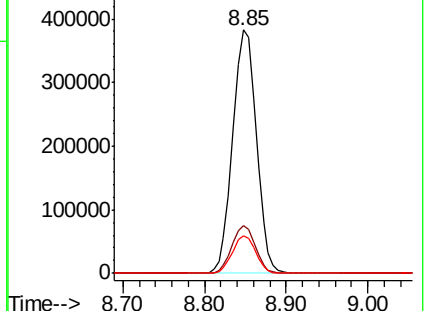
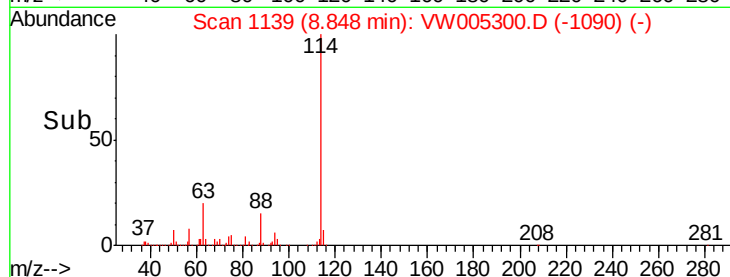
88 15.3 0.0 30.4



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: 43.04 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

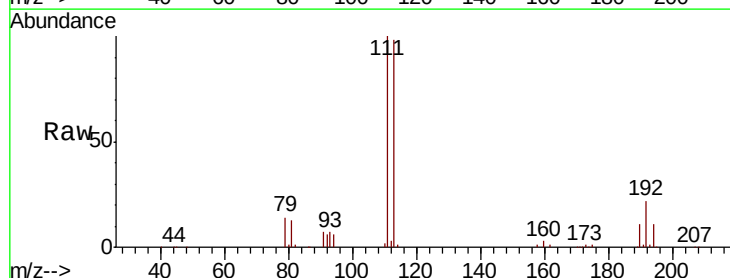
Tgt Ion:113 Resp: 172690

Ion Ratio Lower Upper

113 100

111 103.2 80.6 121.0

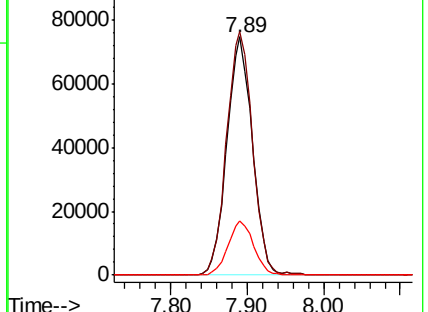
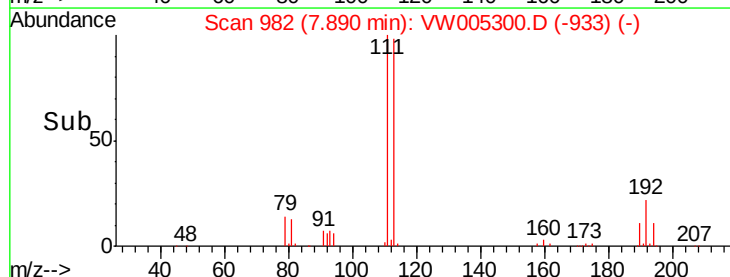
192 22.5 18.3 27.5

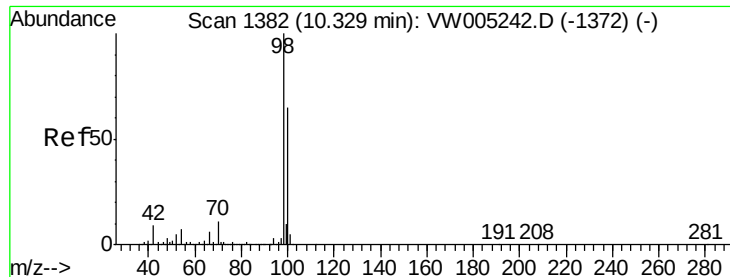


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 29.97 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

Instrument :

MSVOA_W

ClientSampleId :

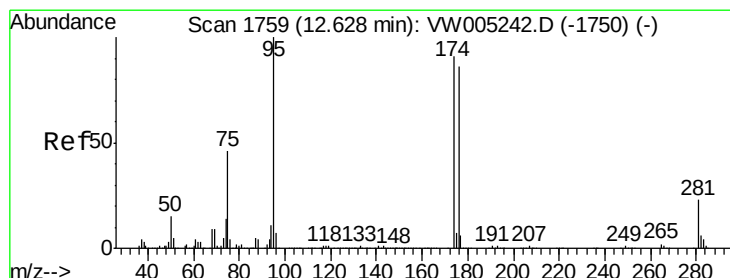
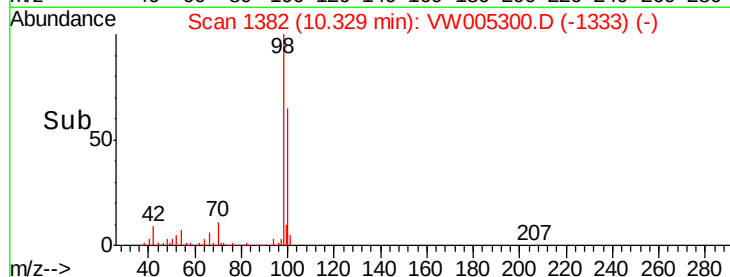
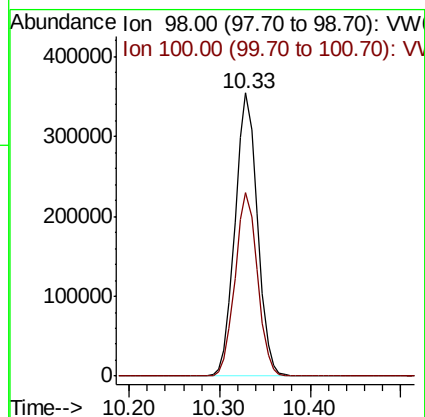
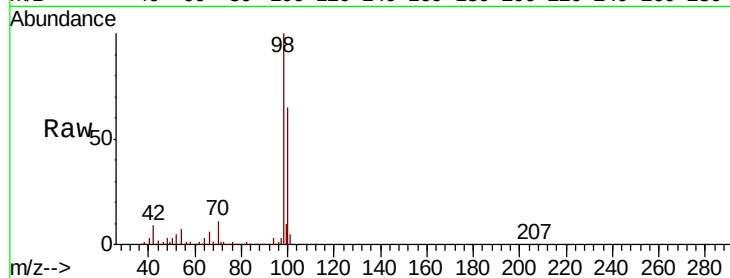
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Tot Ion: 98 Resp: 607690

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 27.38 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.00 min

Lab File: VW005300.D

Acq: 12 Sep 2018 03:48

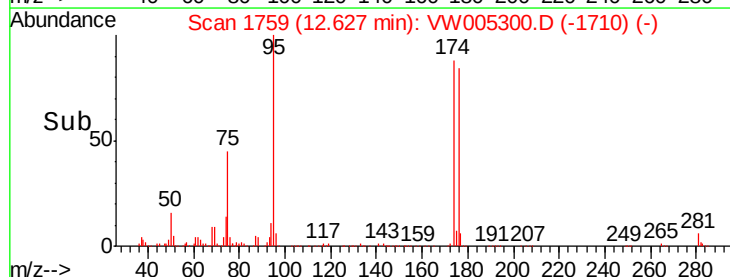
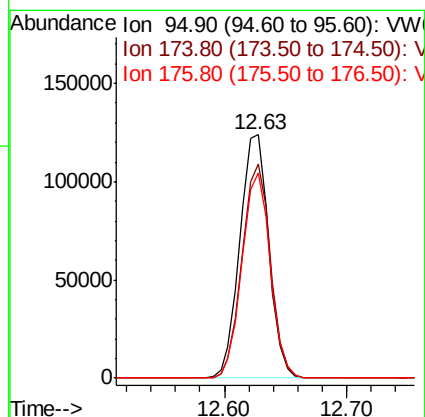
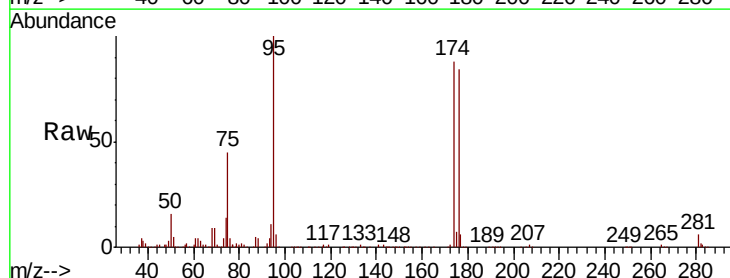
Tgt Ion: 95 Resp: 203053

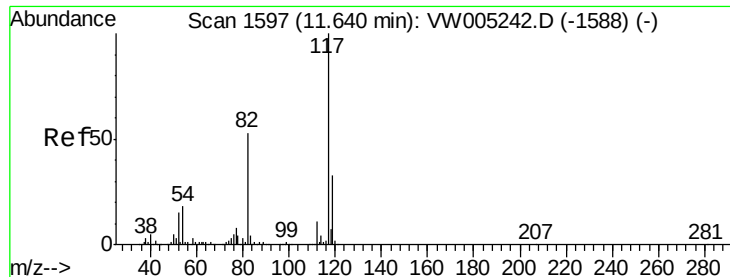
Ion Ratio Lower Upper

95 100

174 86.7 0.0 174.6

176 82.7 0.0 167.6

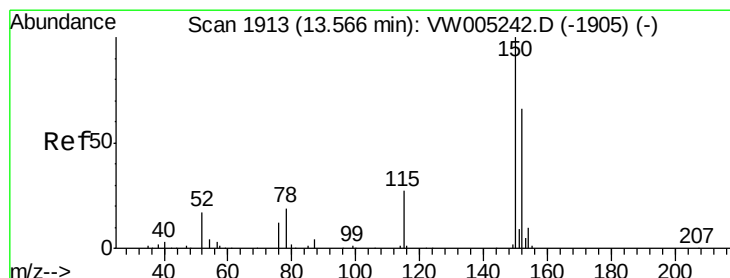
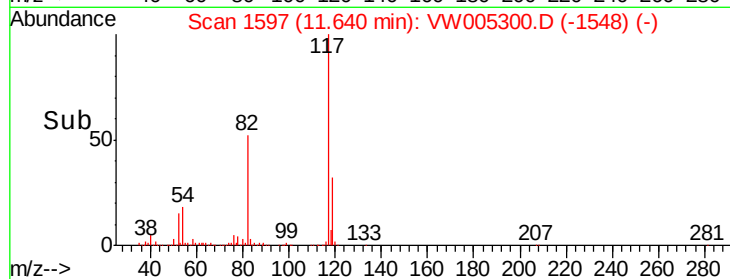
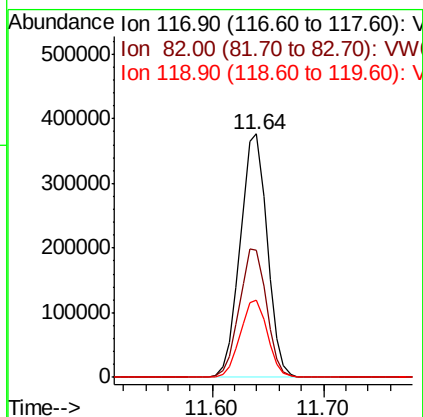
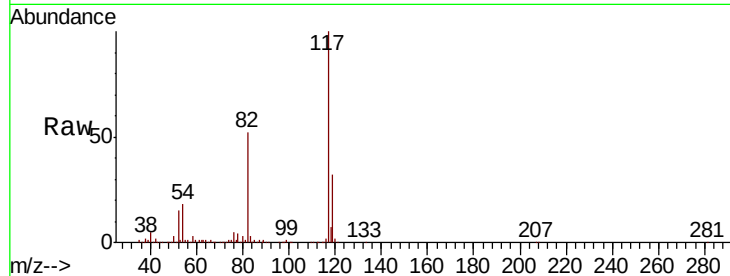




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005300.D
Acq: 12 Sep 2018 03:48

Instrument :
MSVOA_W
ClientSampleId :
ENY-SB-02-61.0-61.5RE

Tot Ion:117 Resp: 635470
Ion Ratio Lower Upper
117 100
82 52.2 42.6 63.8
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005300.D
Acq: 12 Sep 2018 03:48

Tgt Ion:152 Resp: 235626
Ion Ratio Lower Upper
152 100
115 56.0 27.5 82.4
150 157.9 0.0 347.4

