

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090518\
 Data File : VW005129.D
 Acq On : 05 Sep 2018 15:10
 Operator : SY/AP
 Sample : VW0905SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBL01

Quant Time: Sep 08 04:47:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	556421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	831182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	831140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	440224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	256260	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	
35) Dibromofluoromethane	7.89	113	246893	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.33	98	1137964	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	416282	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	

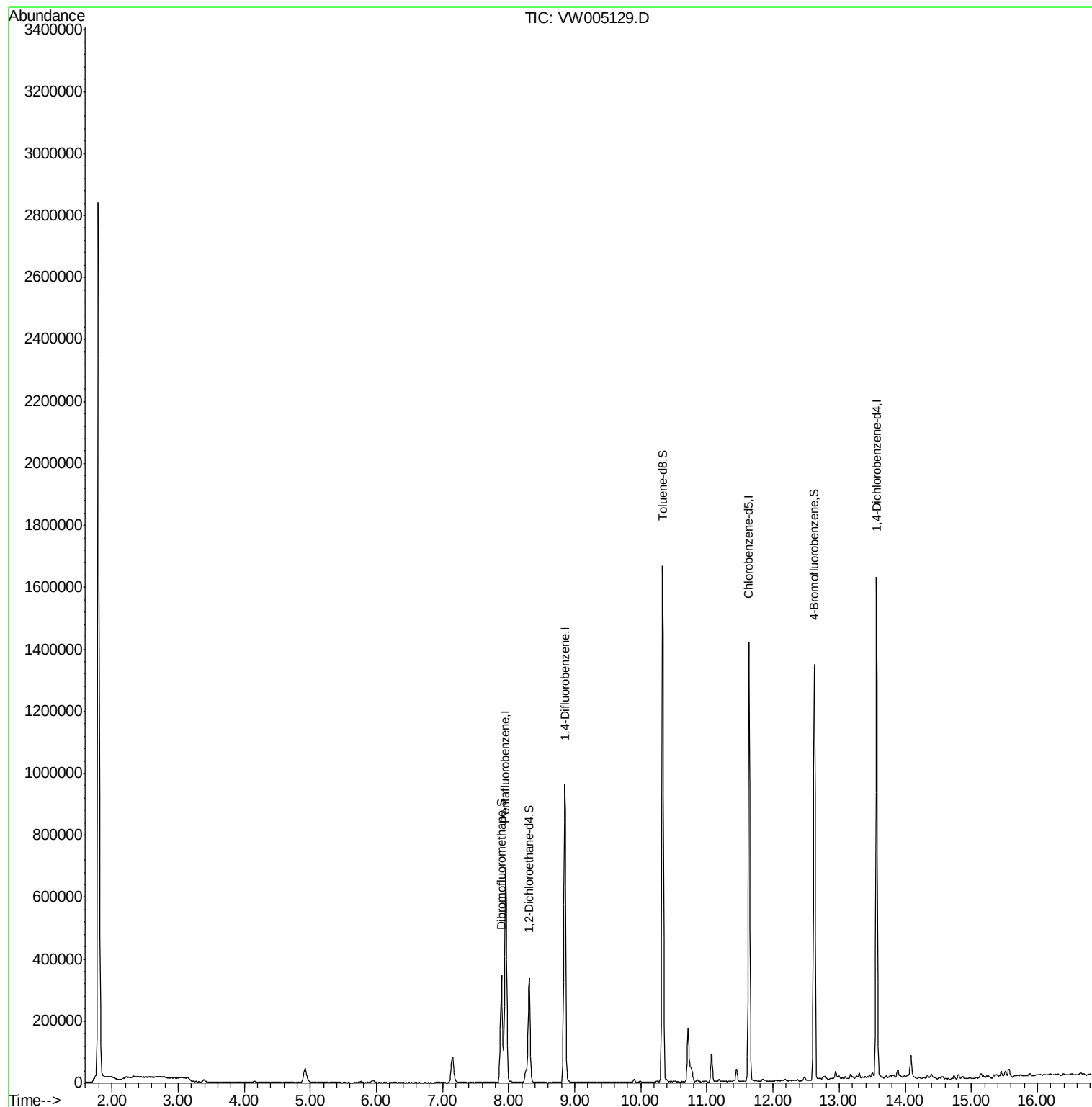
Target Compounds	Qvalue
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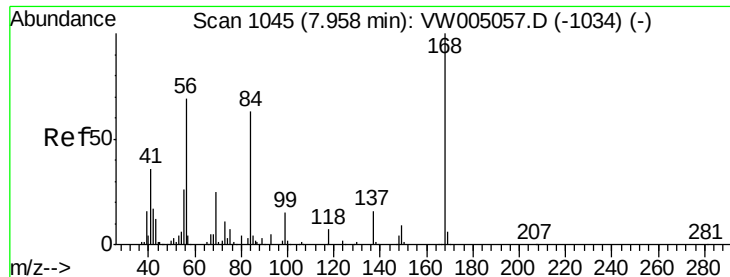
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

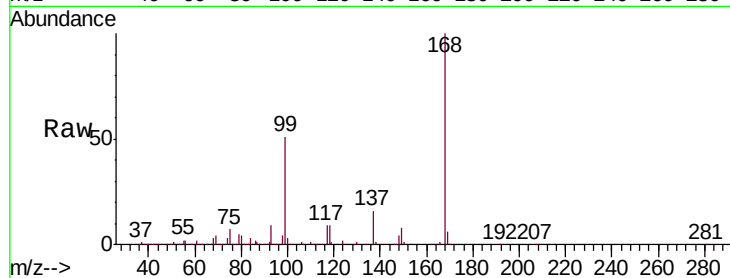
VW0905SBL01

Tgt Ion:168 Resp: 556421

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

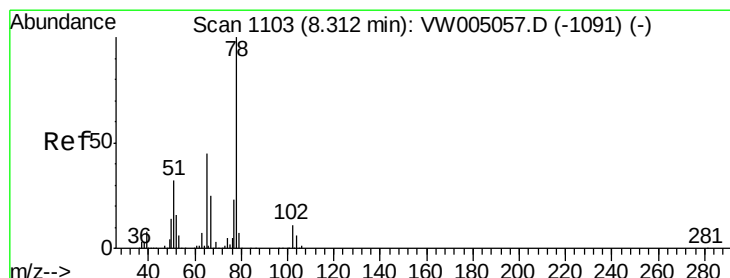
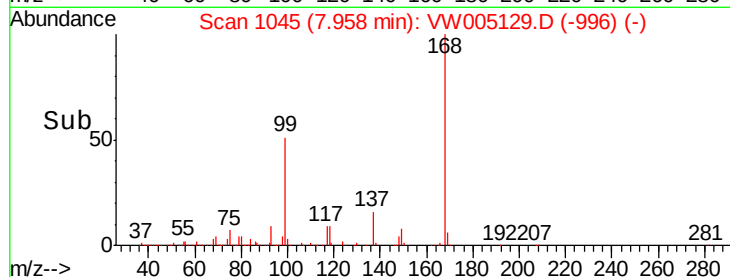
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.558 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005129.D

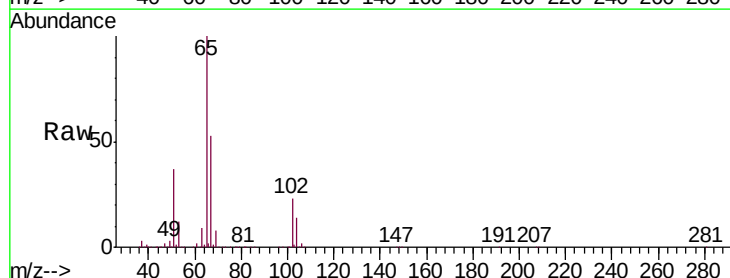
Acq: 05 Sep 2018 15:10

Tgt Ion: 65 Resp: 256260

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

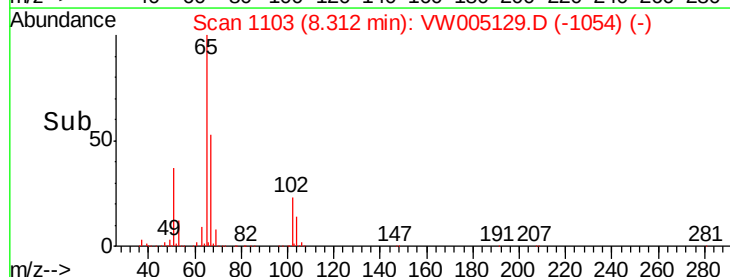
8.31

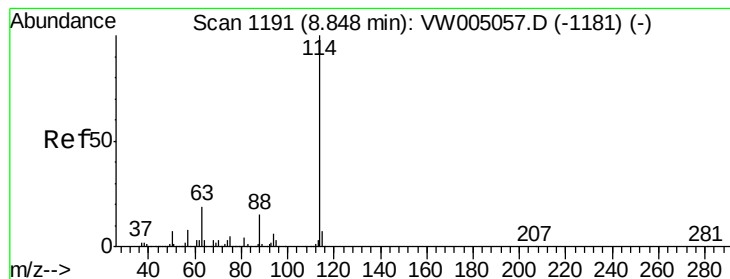
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBL01

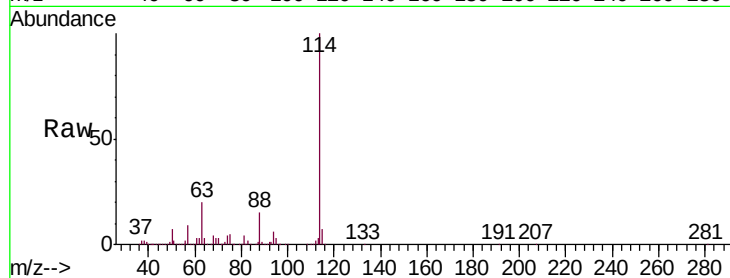
Tgt Ion:114 Resp: 831182

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.0

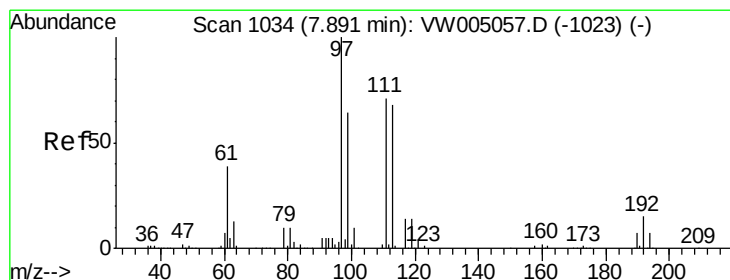
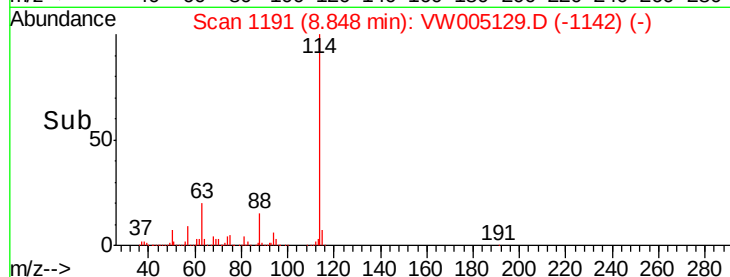
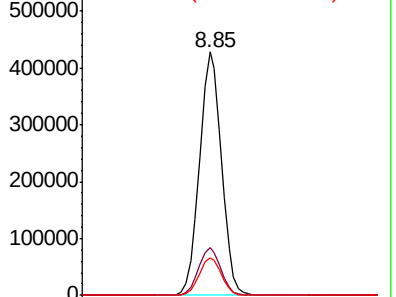
88 15.4 0.0 30.2



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: 51.401 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005129.D

Acq: 05 Sep 2018 15:10

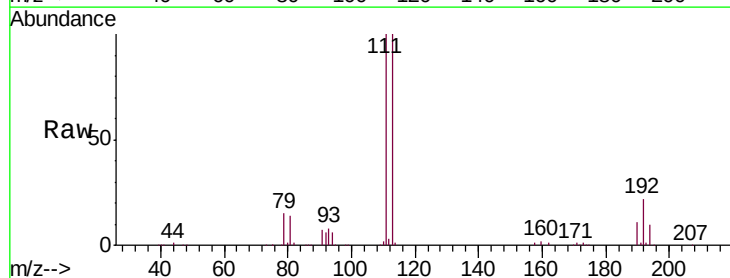
Tgt Ion:113 Resp: 246893

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

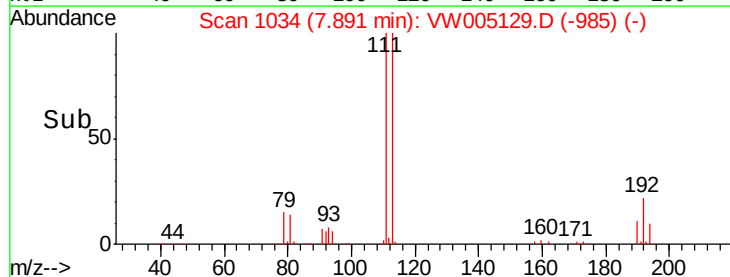
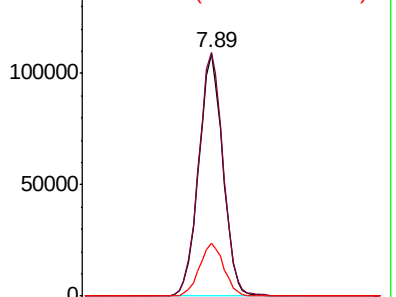
192 21.9 18.1 27.1

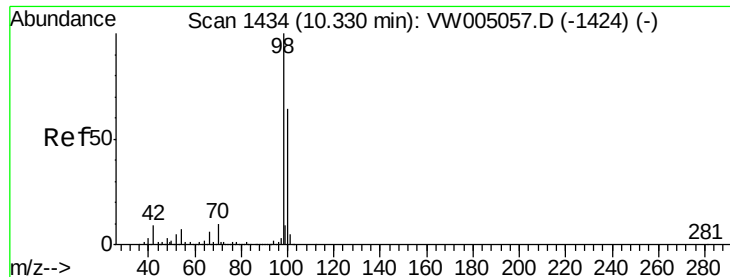


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

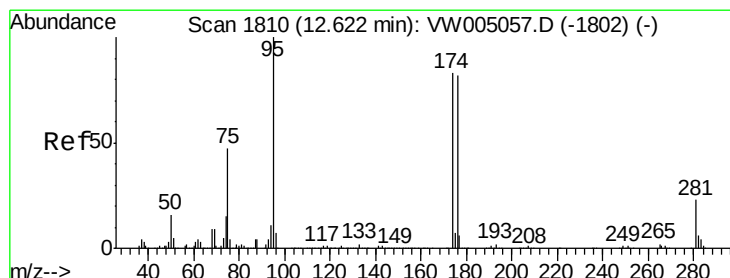
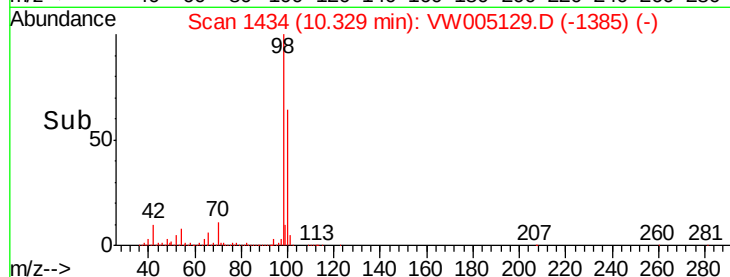
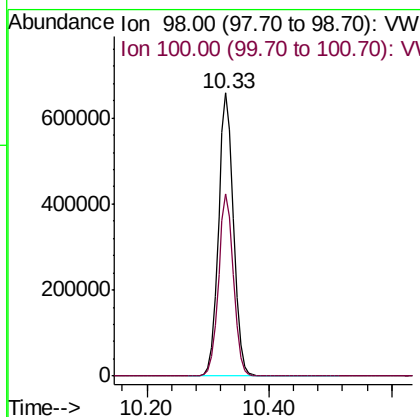
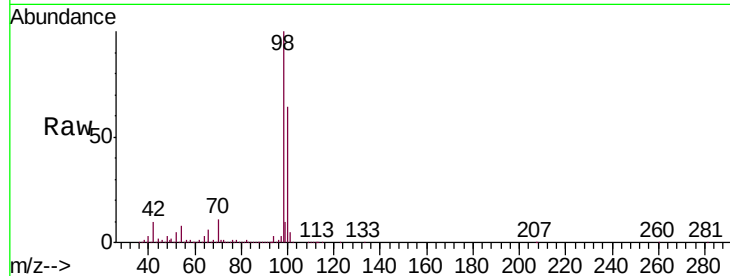




#50
Toluene-d8
Concen: 51.416 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

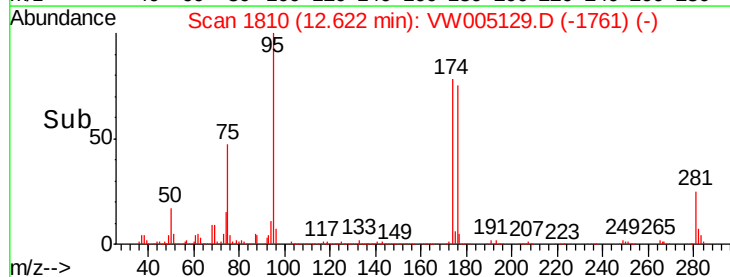
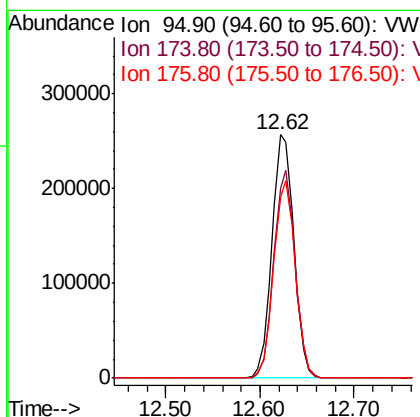
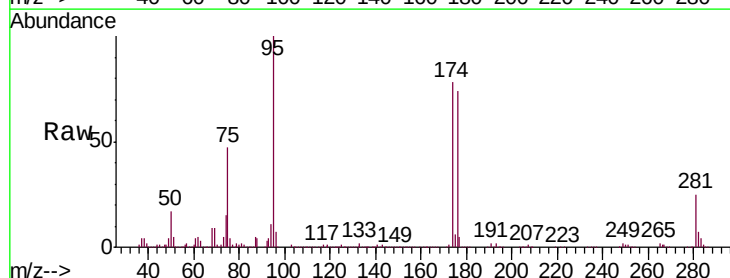
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

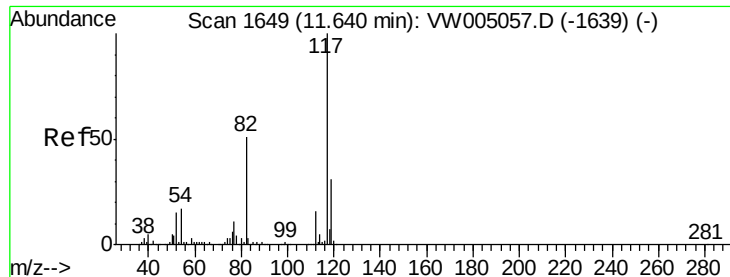
Tgt Ion: 98 Resp: 1137964
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.341 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Tgt Ion: 95 Resp: 416282
Ion Ratio Lower Upper
95 100
174 83.4 0.0 173.4
176 80.2 0.0 167.4

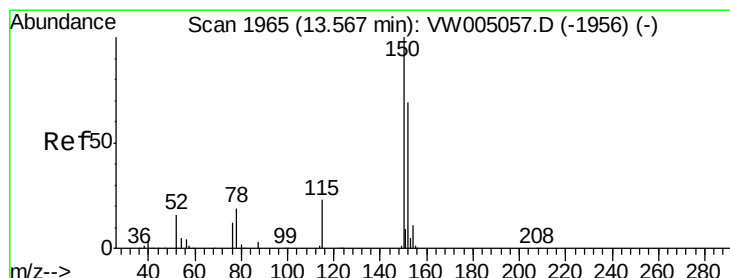
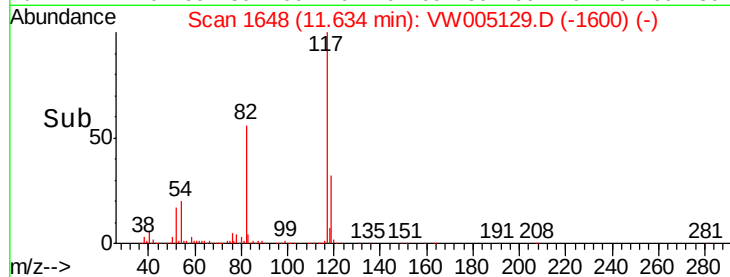
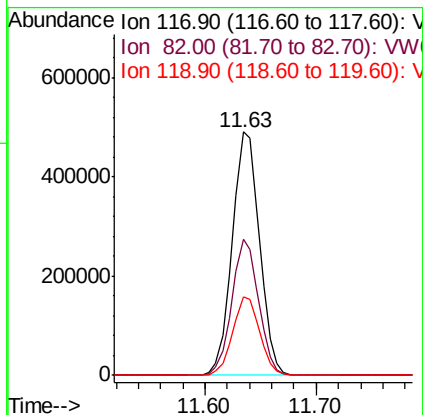
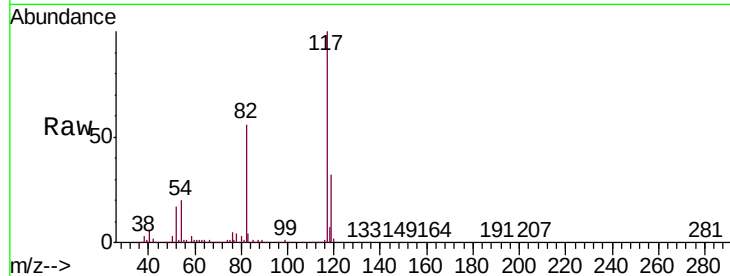




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL01

Tgt Ion:117 Resp: 831140
Ion Ratio Lower Upper
117 100
82 55.8 40.9 61.3
119 32.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005129.D
Acq: 05 Sep 2018 15:10

Tgt Ion:152 Resp: 440224
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 156.5 0.0 351.4

