

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005014.D
 Acq On : 30 Aug 2018 13:26
 Operator : SY/AP
 Sample : J4276-05RE
 Misc : 7.24G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-082718RE

Quant Time: Aug 30 14:54:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:51:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	411509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	626879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	439535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186966	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	148719	52.83	ug/l	0.00
Spiked Amount						
			Recovery	=	105.66%	
35) Dibromofluoromethane	7.89	113	138905	44.71	ug/l	0.00
Spiked Amount						
			Recovery	=	89.42%	
50) Toluene-d8	10.33	98	291960	17.12	ug/l	0.00
Spiked Amount						
			Recovery	=	34.24%	
62) 4-Bromofluorobenzene	12.63	95	149202	23.99	ug/l	0.00
Spiked Amount						
			Recovery	=	47.98%	

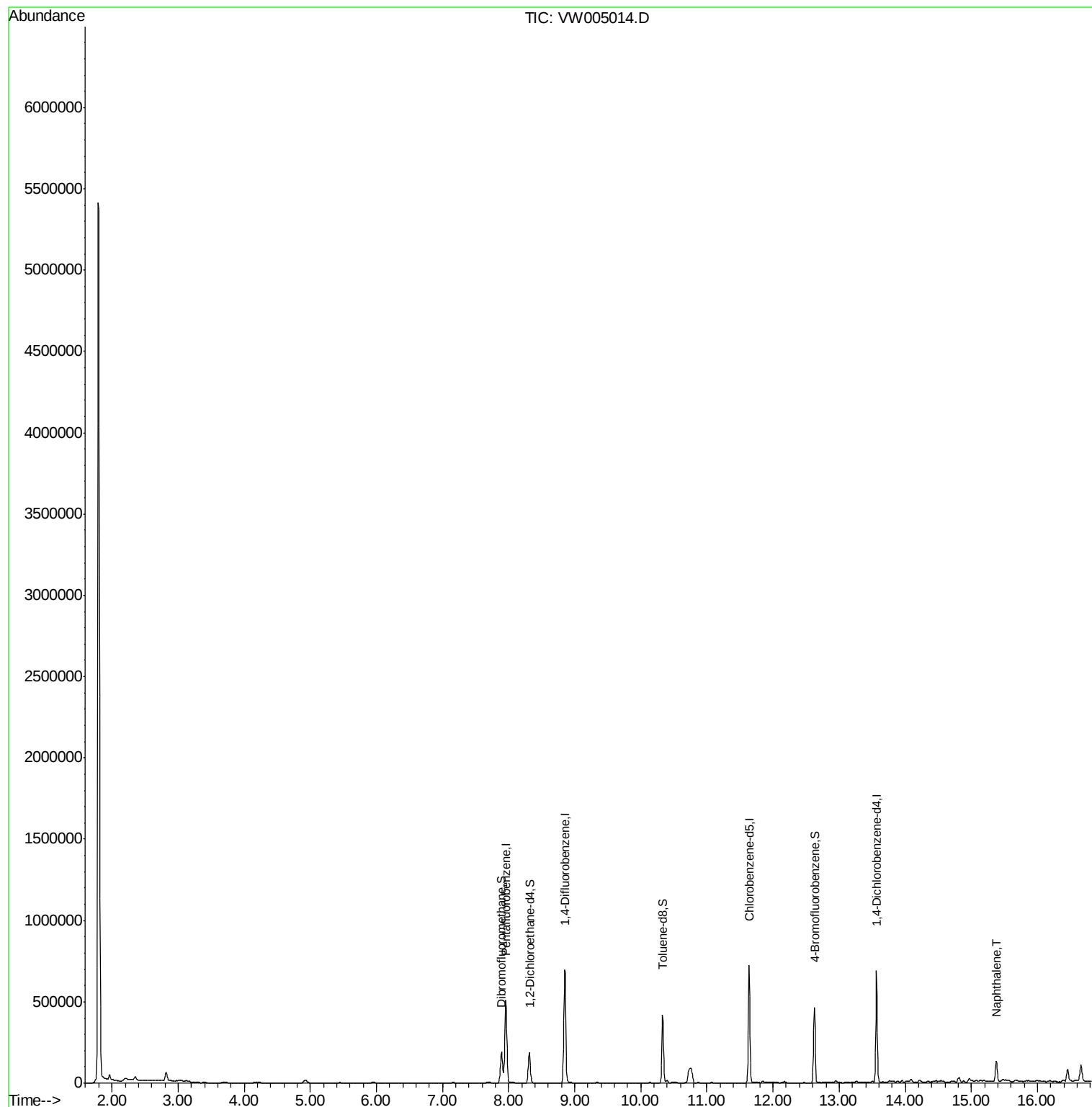
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	15.38	128	115911	18.46	ug/l	99

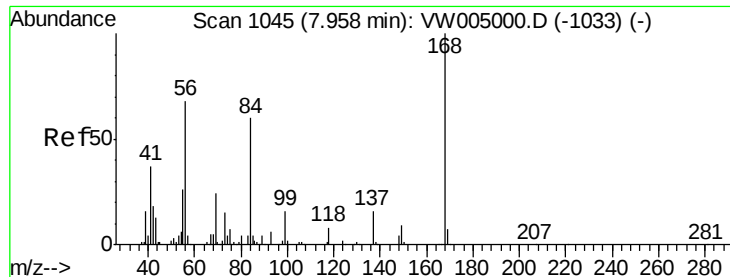
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

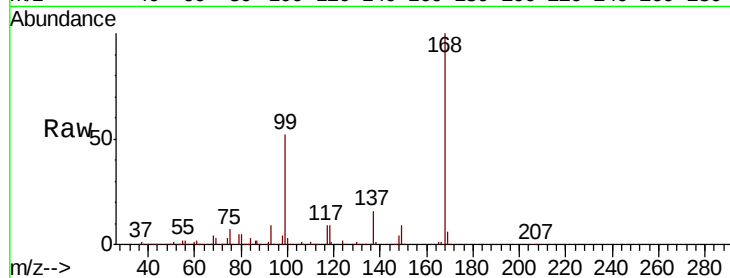
OK-02-082718RE

Tot Ion:168 Resp: 411509

Ion Ratio Lower Upper

168 100

99 52.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

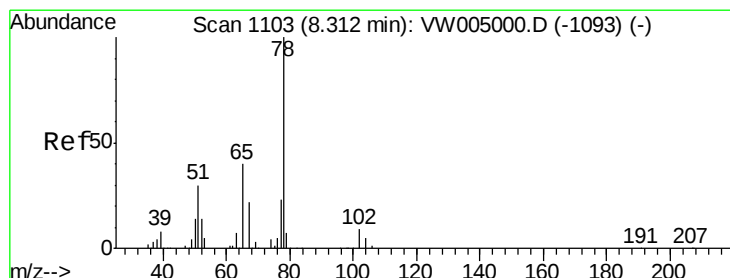
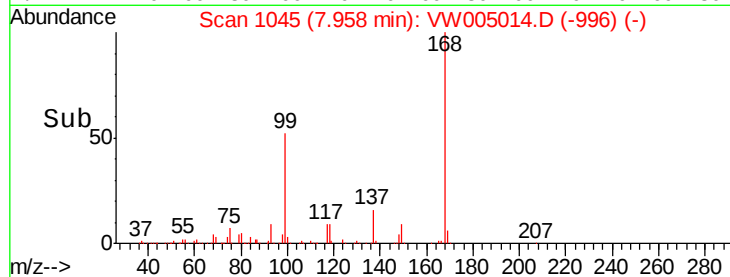
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.83 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005014.D

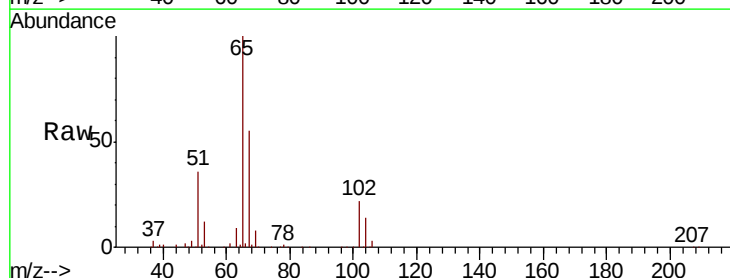
Acq: 30 Aug 2018 13:26

Tgt Ion: 65 Resp: 148719

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

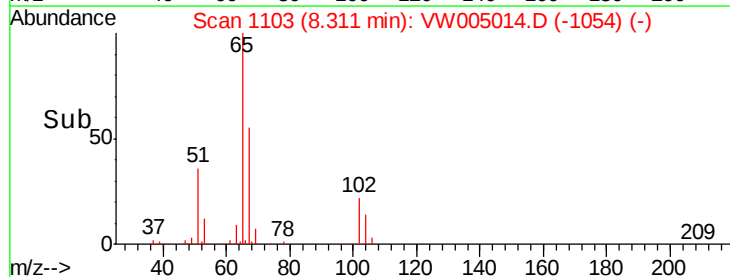
60000

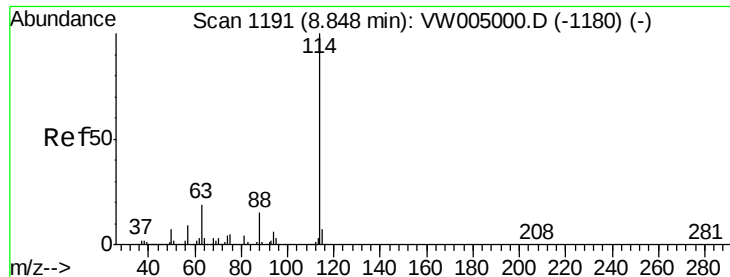
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

OK-02-082718RE

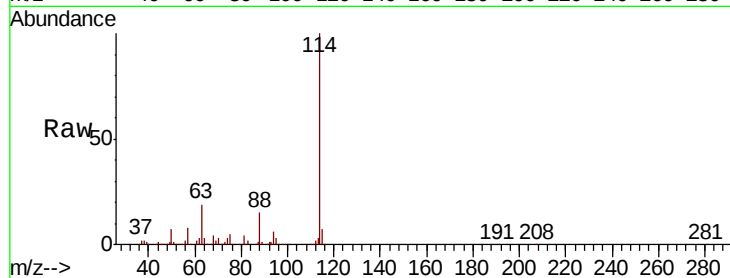
Tot Ion:114 Resp: 626879

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

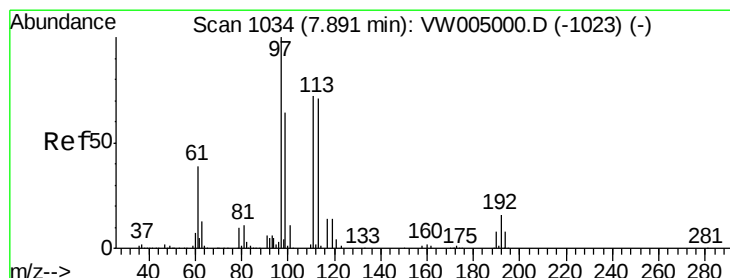
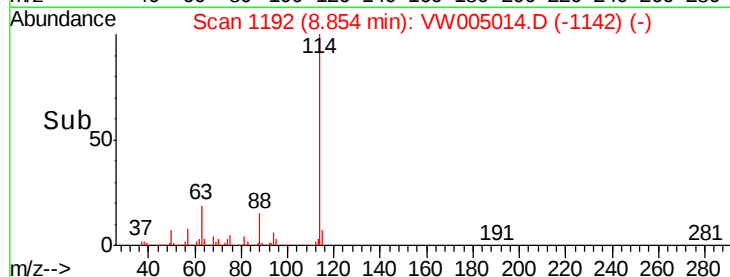
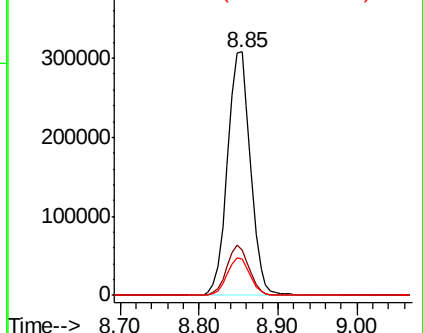
88 15.0 0.0 30.6



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: 44.71 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

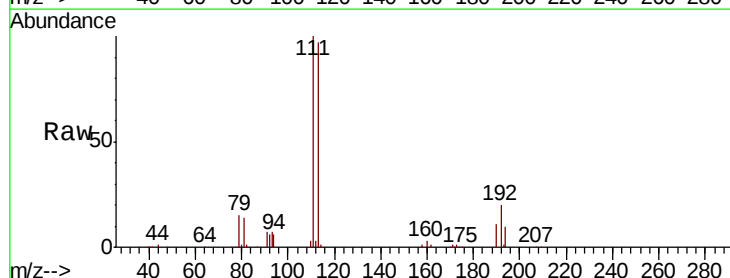
Tgt Ion:113 Resp: 138905

Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

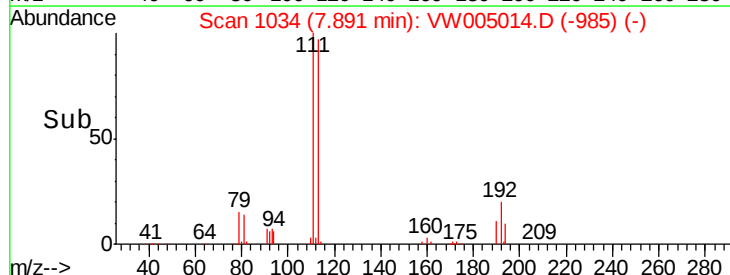
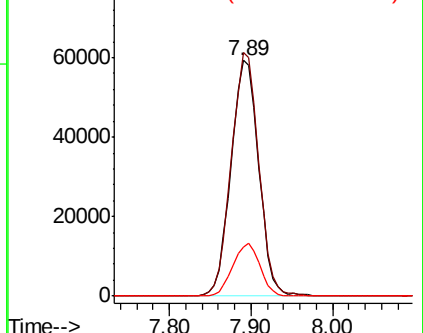
192 22.0 17.8 26.8

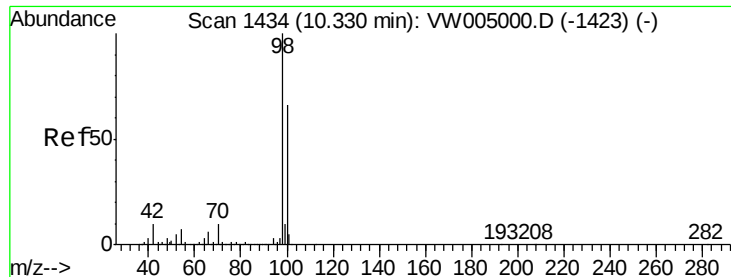


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 17.12 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

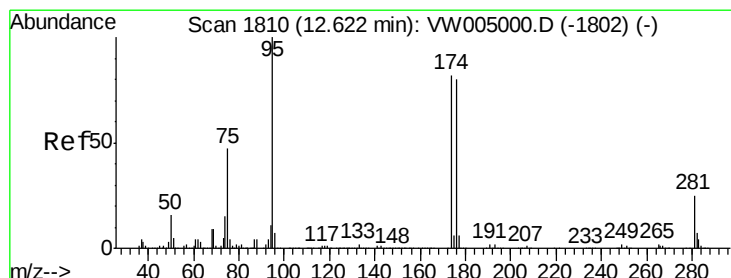
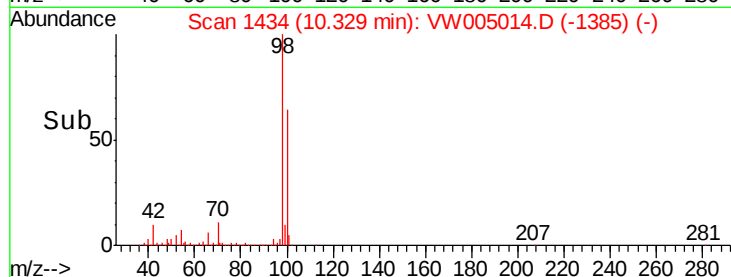
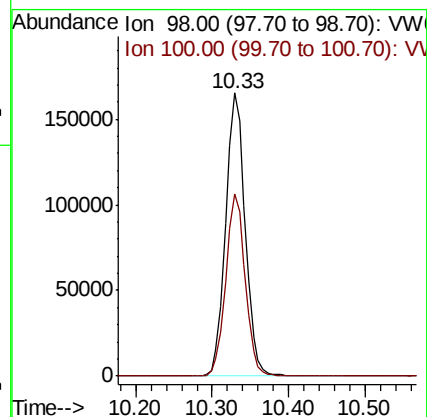
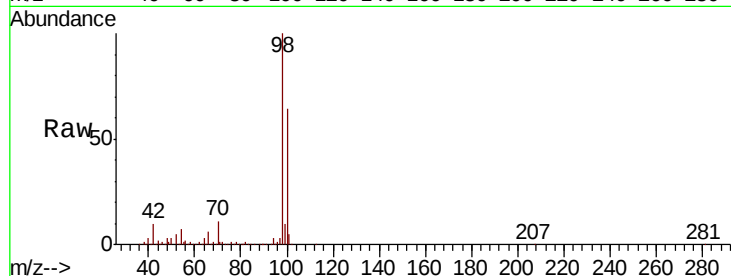
OK-02-082718RE

Tot Ion: 98 Resp: 291960

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 23.99 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

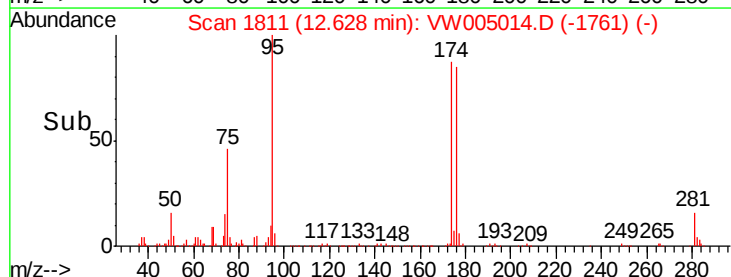
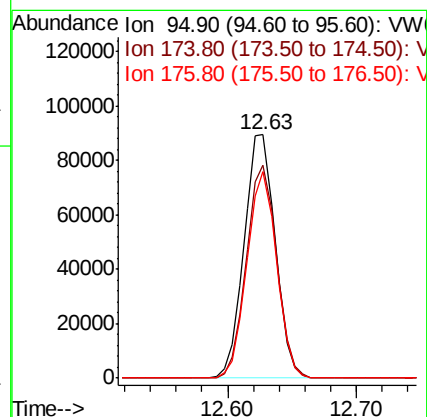
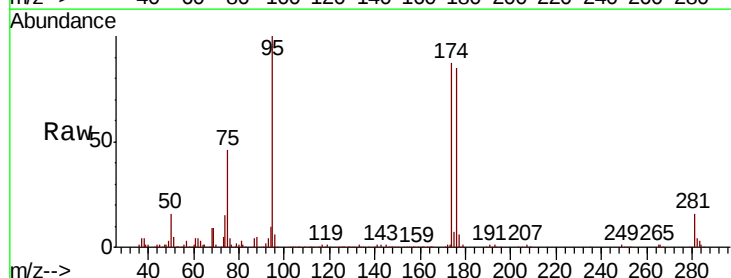
Tgt Ion: 95 Resp: 149202

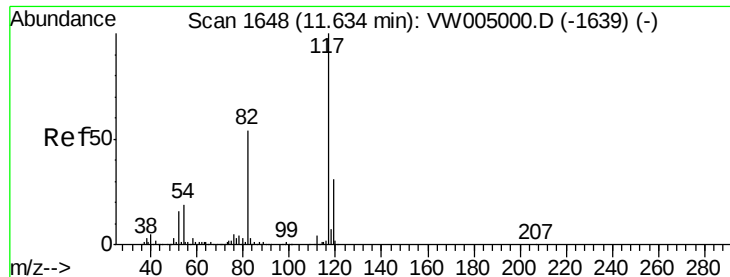
Ion Ratio Lower Upper

95 100

174 85.3 0.0 173.4

176 81.0 0.0 167.8

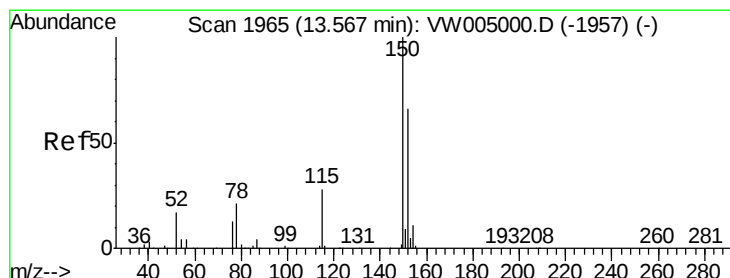
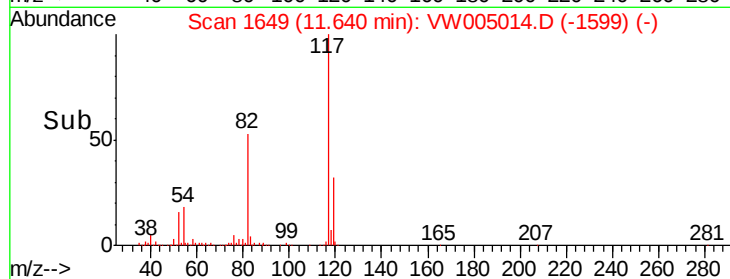
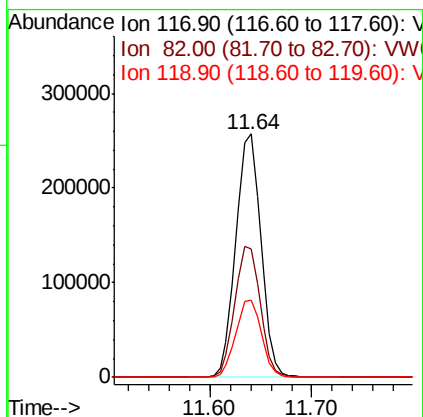
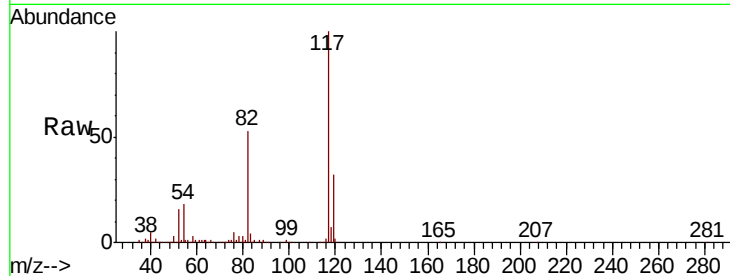




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW005014.D
Acq: 30 Aug 2018 13:26

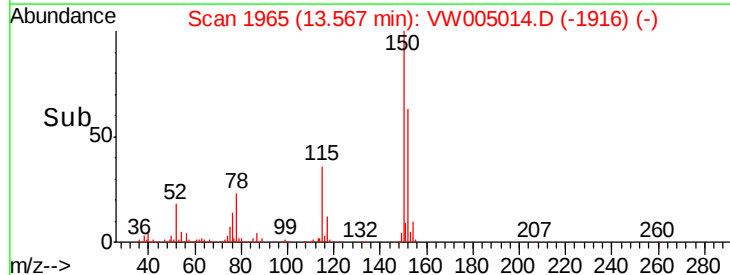
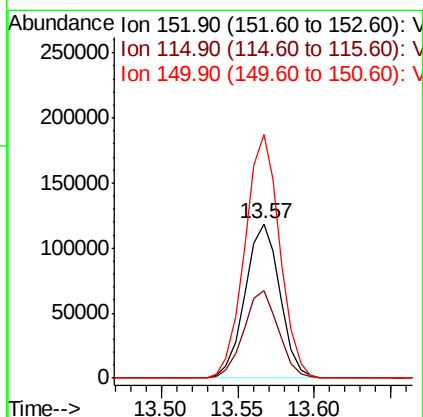
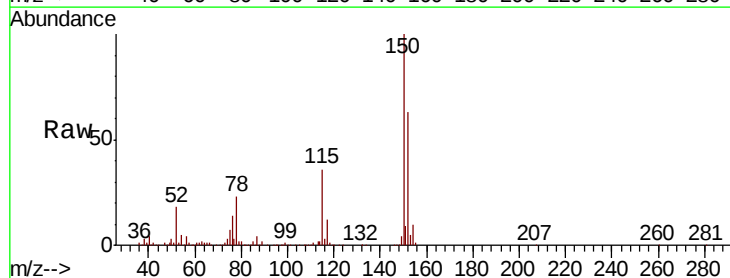
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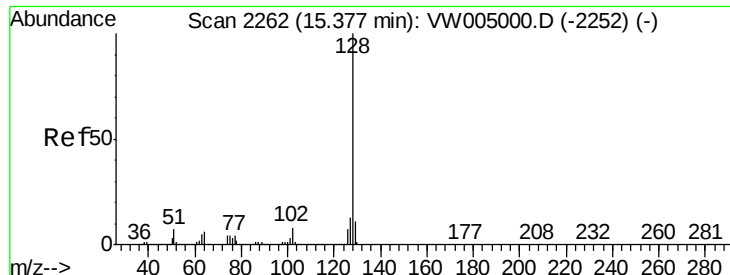
Tot Ion:117 Resp: 439535
Ion Ratio Lower Upper
117 100
82 52.9 43.3 64.9
119 31.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW005014.D
Acq: 30 Aug 2018 13:26

Tgt Ion:152 Resp: 186966
Ion Ratio Lower Upper
152 100
115 57.1 28.0 83.9
150 158.3 0.0 347.2





#95

Naphthalene

Concen: 18.46 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005014.D

Acq: 30 Aug 2018 13:26

Instrument :

MSVOA_W

ClientSampleId :

OK-02-082718RE

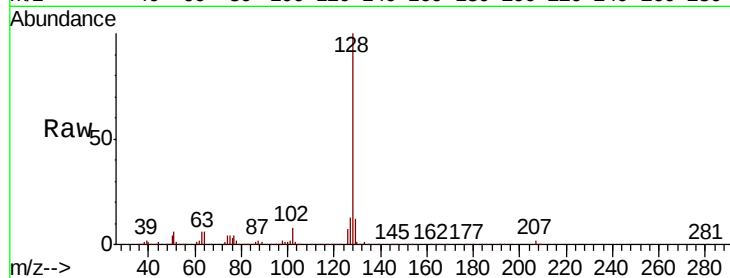
Tot Ion:128 Resp: 115911

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

