

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083018\
 Data File : VW005016.D
 Acq On : 30 Aug 2018 14:17
 Operator : SY/AP
 Sample : J4277-11RE
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-01-082718-BRE

Quant Time: Aug 30 14:44:25 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	399499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	649935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	595199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	283748	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	189592	69.38	ug/l	0.00
Spiked Amount			Recovery	=	138.76%	
35) Dibromofluoromethane	7.89	113	176804	54.90	ug/l	0.00
Spiked Amount			Recovery	=	109.80%	
50) Toluene-d8	10.33	98	618457	34.98	ug/l	0.00
Spiked Amount			Recovery	=	69.96%	
62) 4-Bromofluorobenzene	12.62	95	280808	43.56	ug/l	0.00
Spiked Amount			Recovery	=	87.12%	

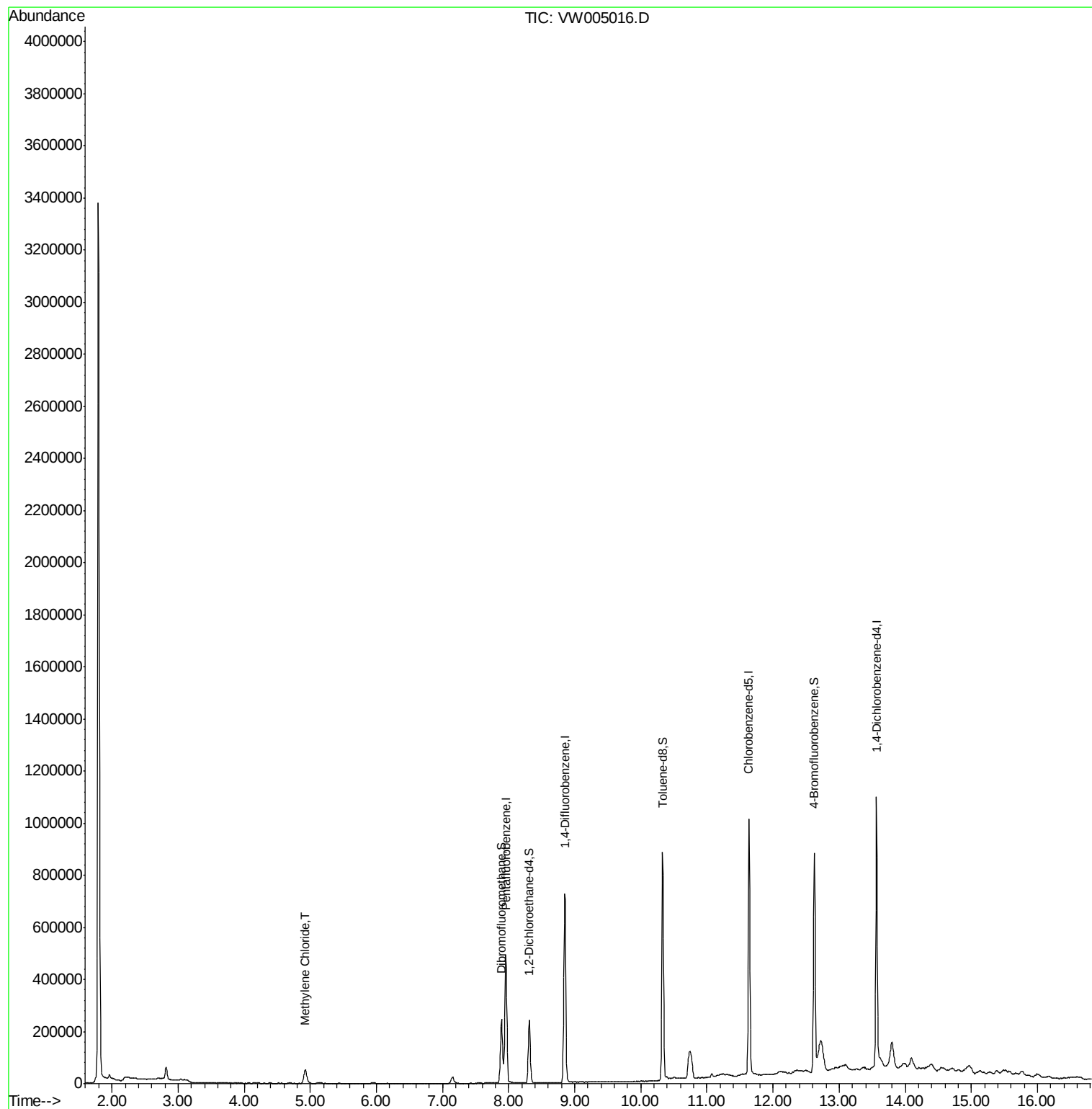
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	42845	5.76	ug/l	96

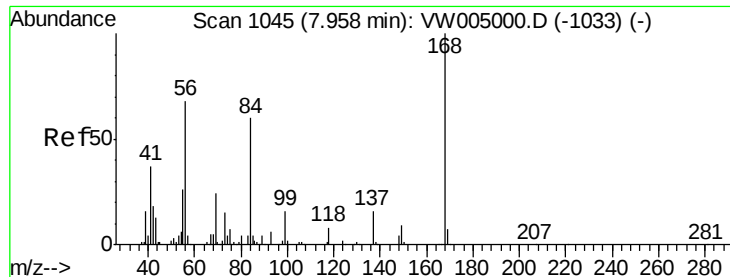
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005016.D

Acq: 30 Aug 2018 14:17

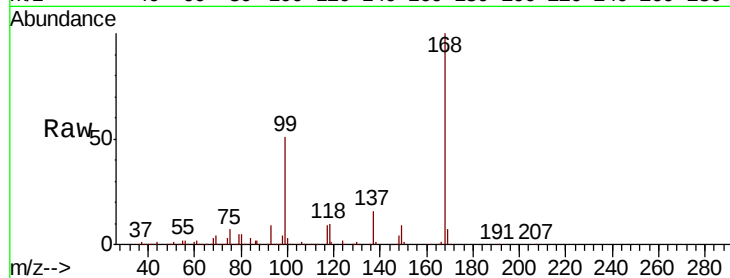
Instrument :
MSVOA_W
ClientSampleId :
OR-01-082718-BRE

Tot Ion:168 Resp: 399499

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

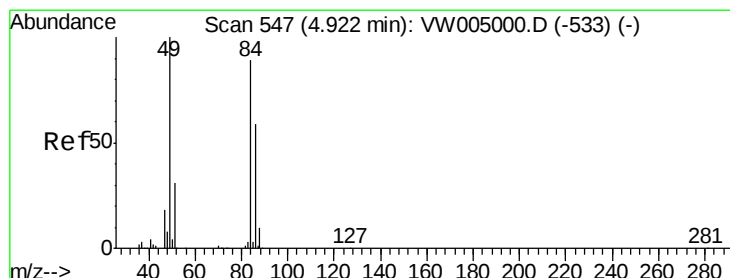
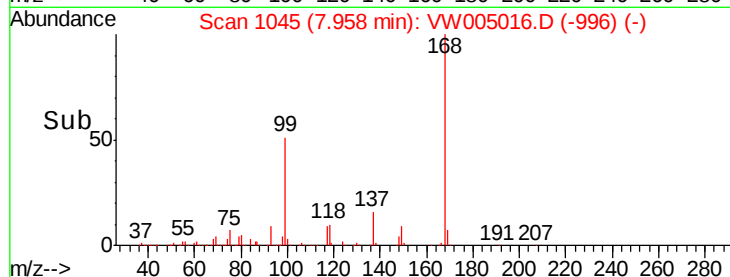
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.76 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.00 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

Tgt Ion: 84 Resp: 42845

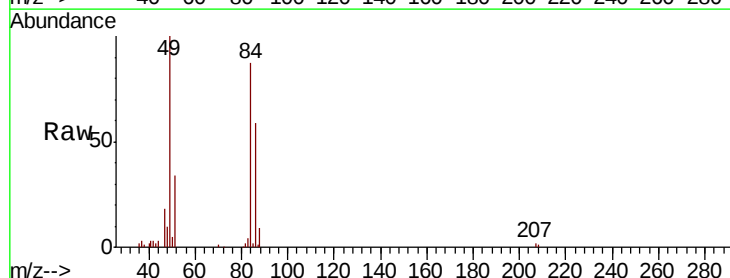
Ion Ratio Lower Upper

84 100

49 115.3 89.7 134.5

51 39.3 27.5 41.3

86 68.4 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

20000

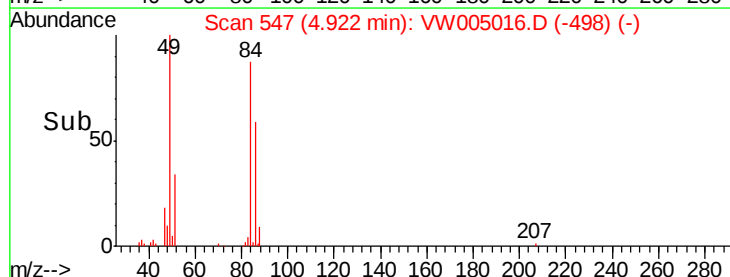
15000

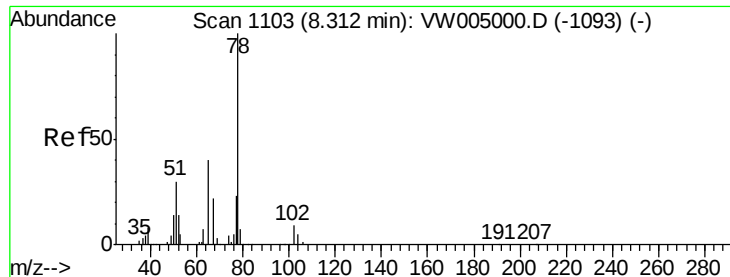
10000

5000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 69.38 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

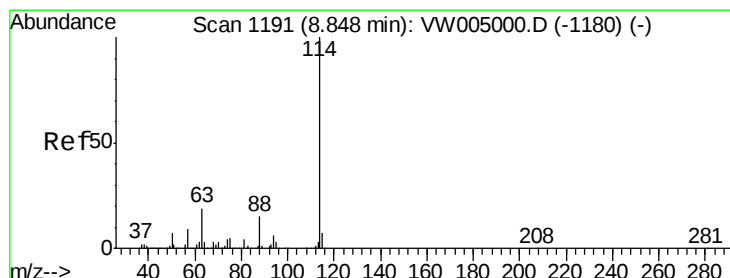
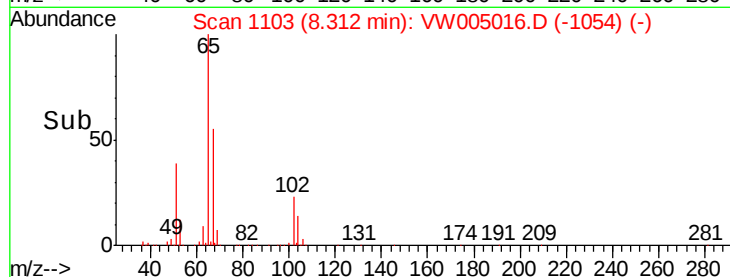
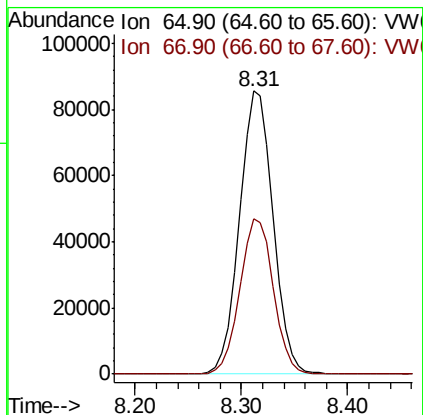
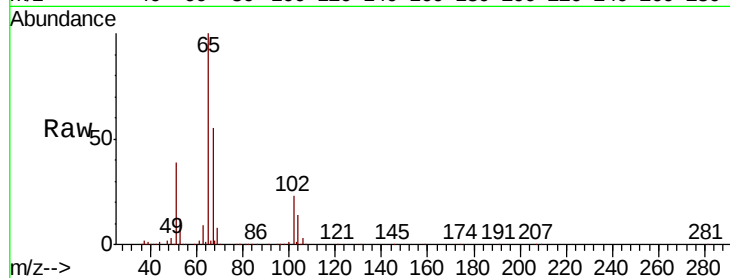
OR-01-082718-BRE

Tot Ion: 65 Resp: 189592

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

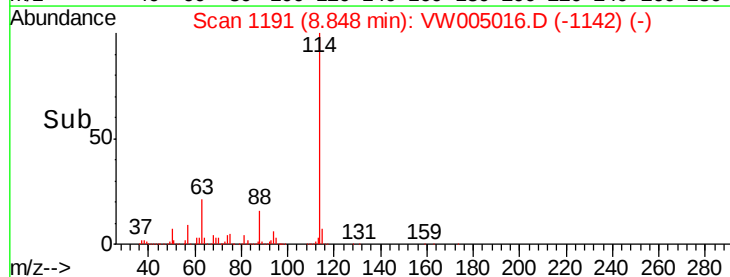
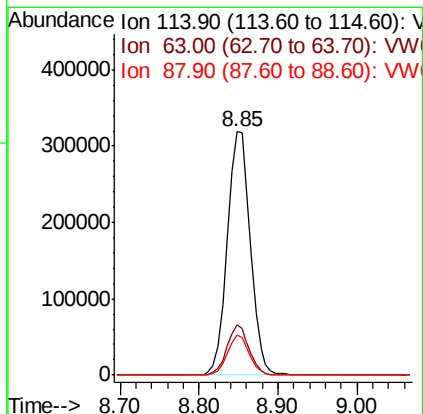
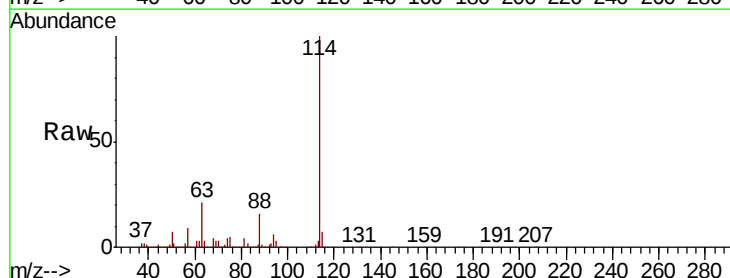
Tgt Ion: 114 Resp: 649935

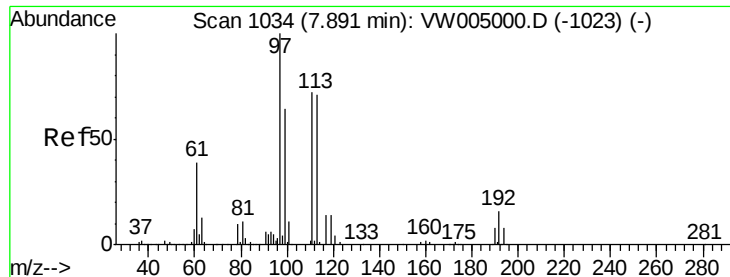
Ion Ratio Lower Upper

114 100

63 20.8 0.0 38.4

88 16.5 0.0 30.6

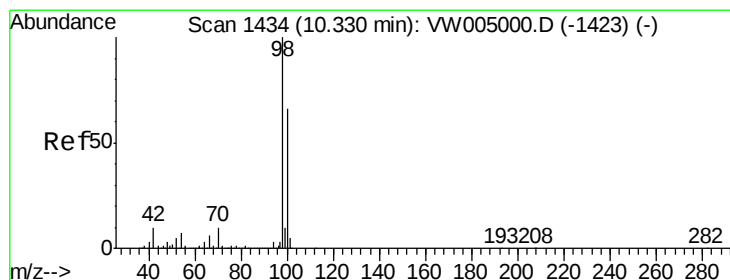
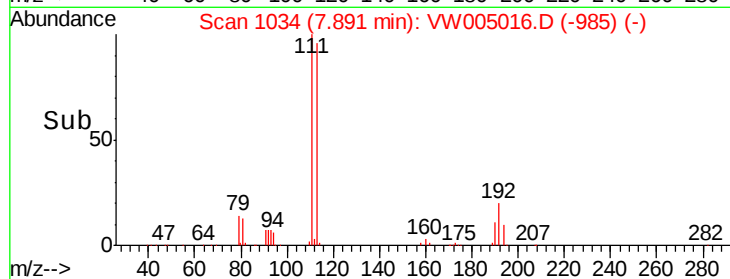
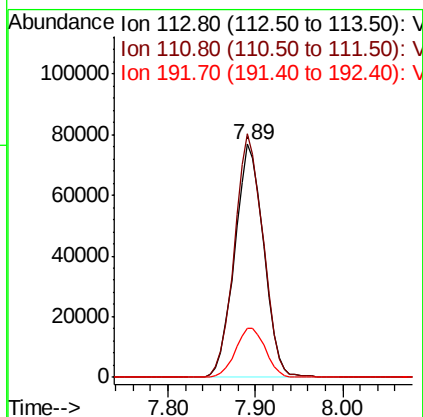
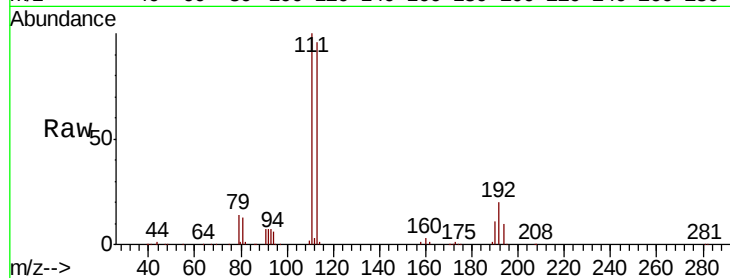




#35
Dibromofluoromethane
Concen: 54.90 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW005016.D
Acq: 30 Aug 2018 14:17

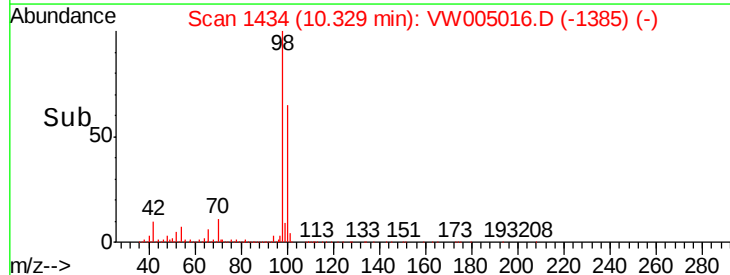
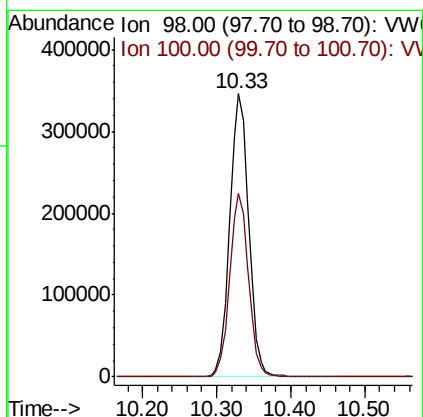
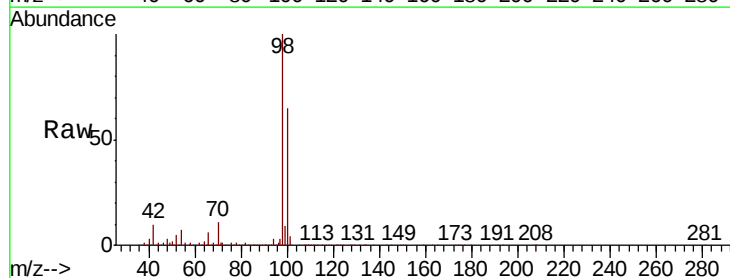
Instrument :
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OR-01-082718-BRE

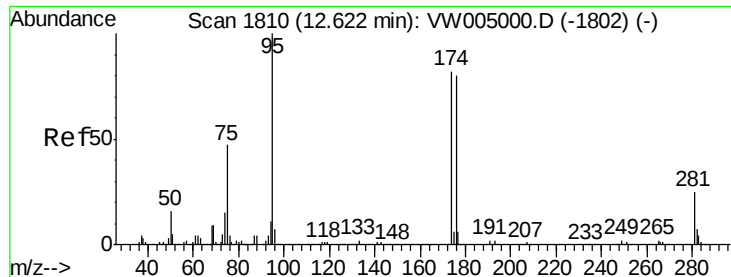
Tot Ion:113 Resp: 176804
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.8 17.8 26.8



#50
Toluene-d8
Concen: 34.98 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW005016.D
Acq: 30 Aug 2018 14:17

Tgt Ion: 98 Resp: 618457
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 43.56 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

OR-01-082718-BRE

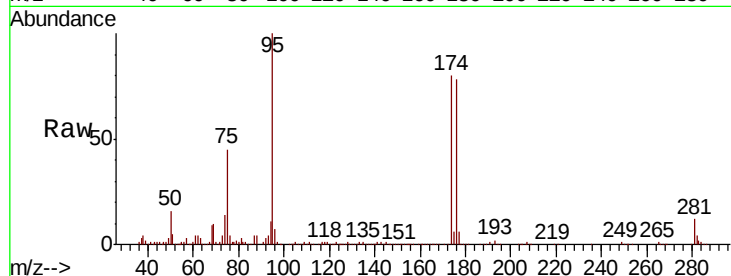
Tot Ion: 95 Resp: 280808

Ion Ratio Lower Upper

95 100

174 82.0 0.0 173.4

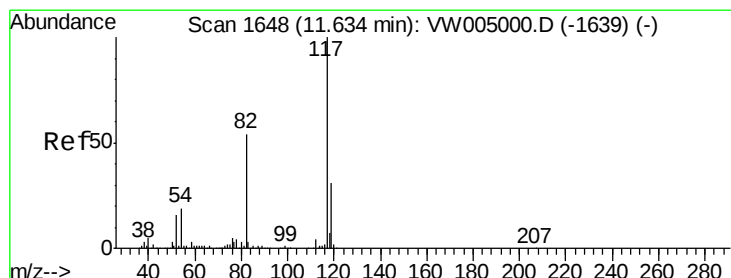
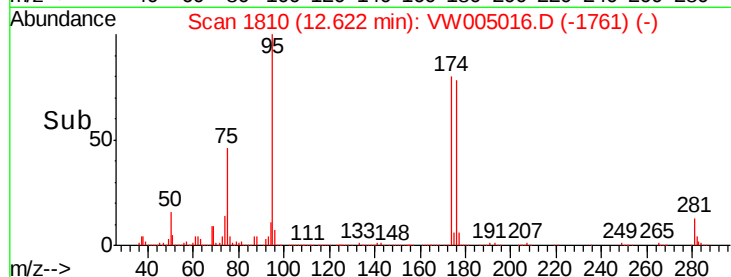
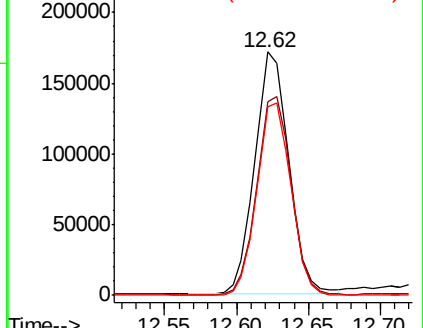
176 79.3 0.0 167.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. 0.01 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

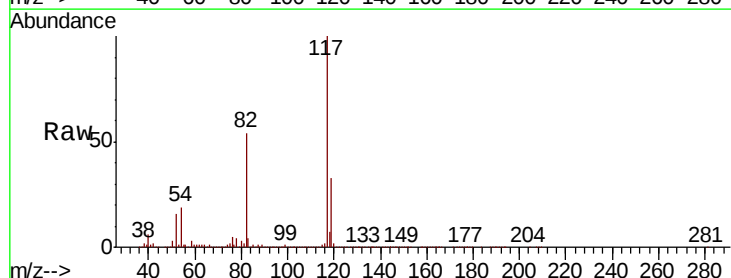
Tgt Ion: 117 Resp: 595199

Ion Ratio Lower Upper

117 100

82 54.1 43.3 64.9

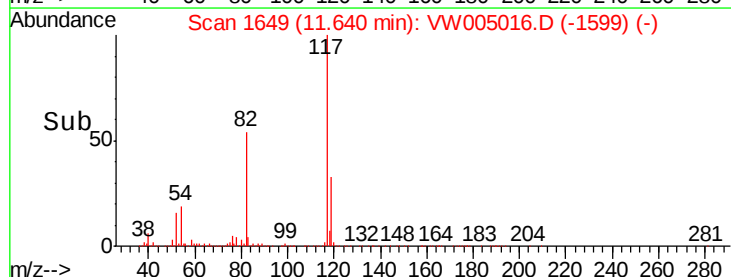
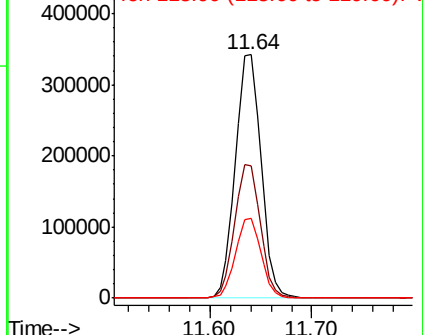
119 32.6 25.0 37.6

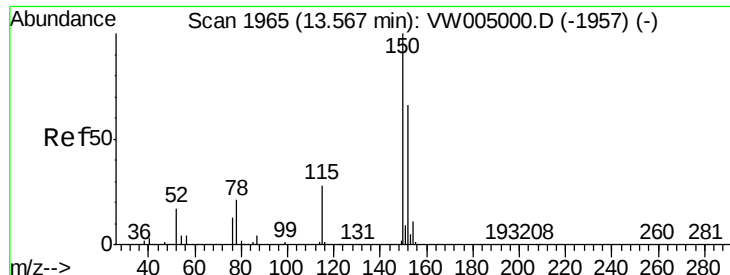


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005016.D

Acq: 30 Aug 2018 14:17

Instrument :

MSVOA_W

ClientSampleId :

OR-01-082718-BRE

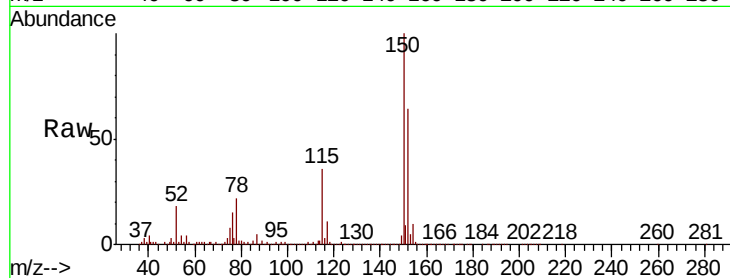
Tot Ion:152 Resp: 283748

Ion Ratio Lower Upper

152 100

115 55.7 28.0 83.9

150 155.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

