

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012264.D
 Acq On : 28 Aug 2019 19:33
 Operator : SY/VA
 Sample : K4510-09
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-14-7.5-8.0

Quant Time: Aug 29 07:01:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

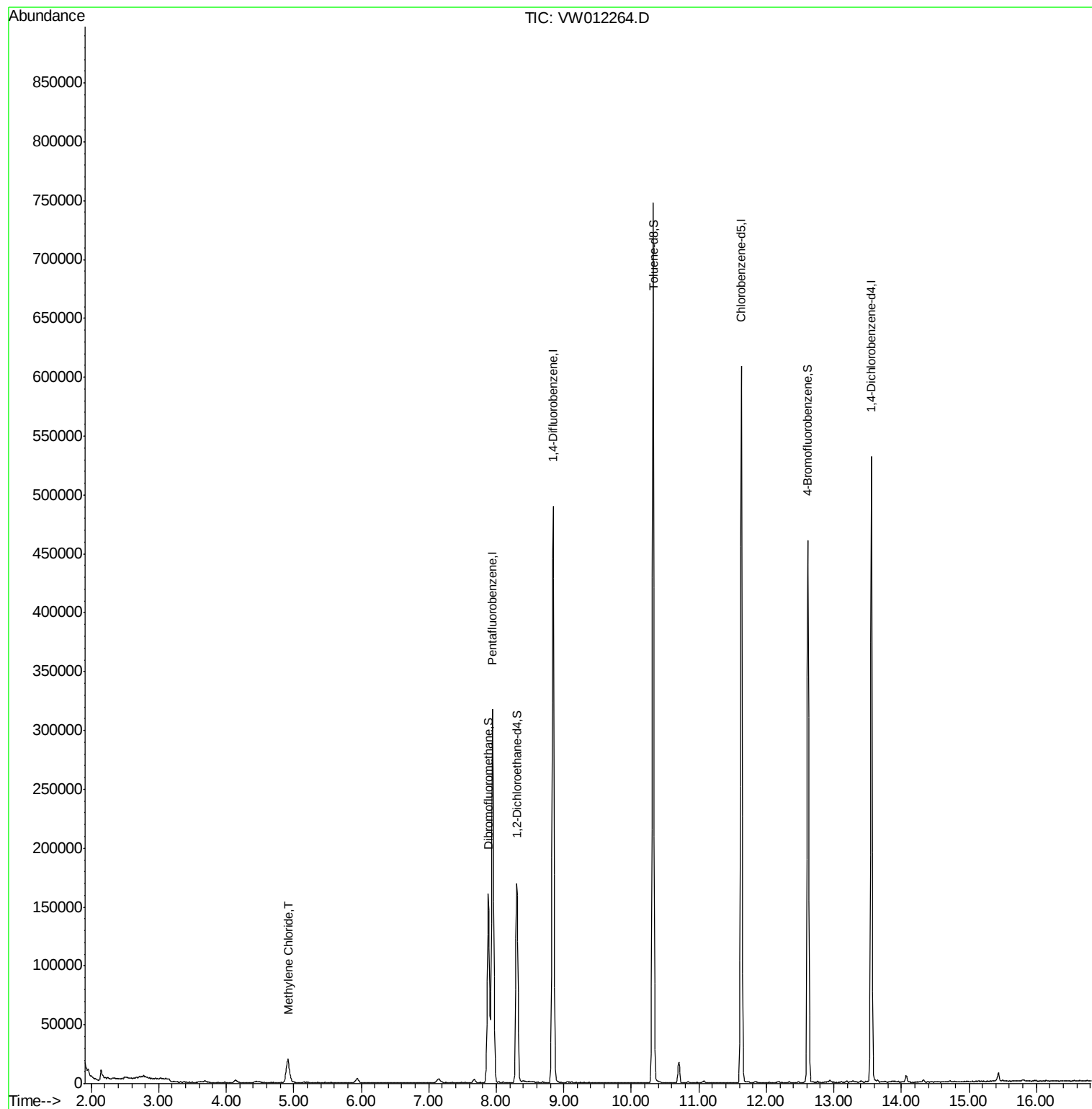
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135732	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	114973	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.32	98	468269	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	151382	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
20) Methylene Chloride	4.92	84	15029	5.758	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012264.D

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MSVOA_W

ClientSampleId :

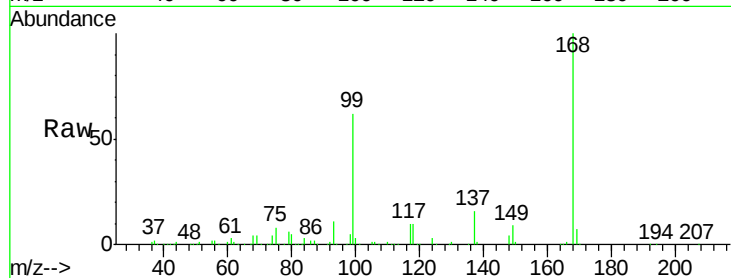
SB-14-7.5-8.0

Tot Ion:168 Resp: 227197

Ion Ratio Lower Upper

168 100

99 61.5 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

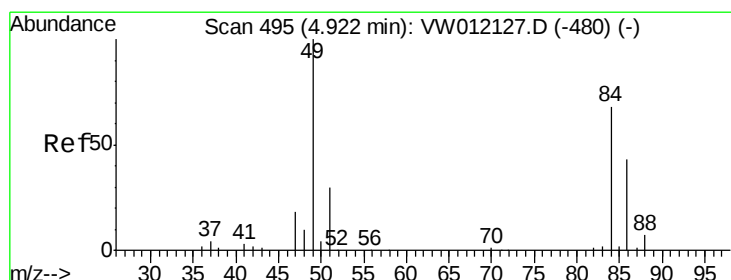
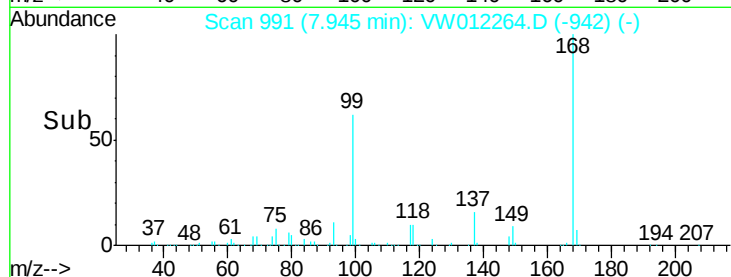
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.758 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Tgt Ion: 84 Resp: 15029

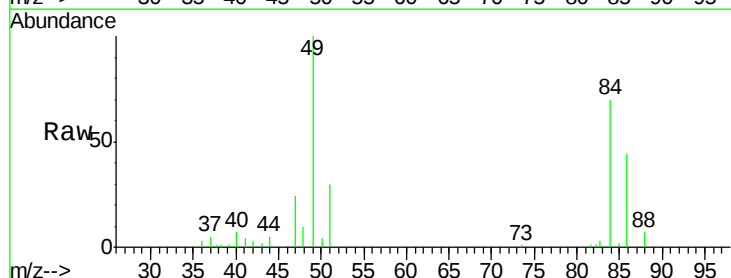
Ion Ratio Lower Upper

84 100

49 142.5 117.8 176.8

51 42.2 35.6 53.4

86 62.8 51.2 76.8



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

10000

8000

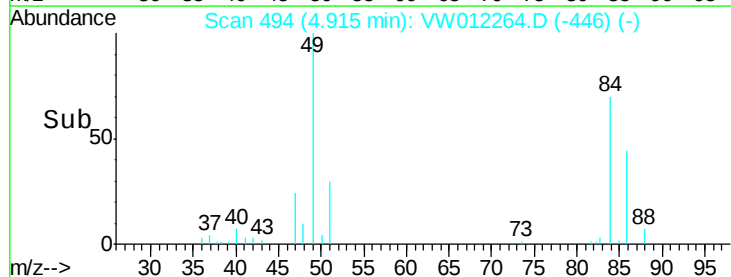
6000

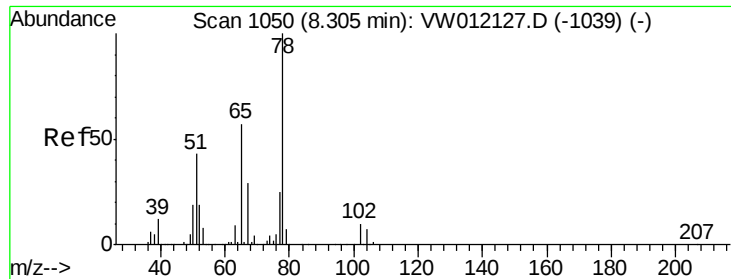
4000

2000

0

Time--> 4.80 4.90 5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 50.256 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

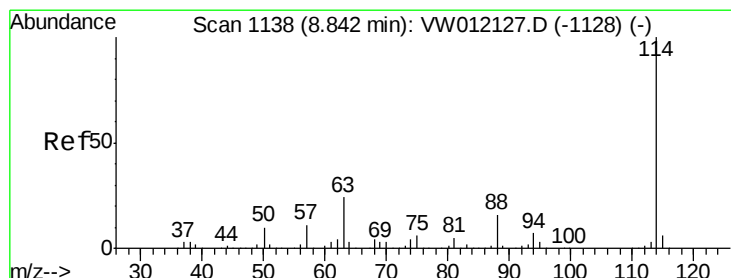
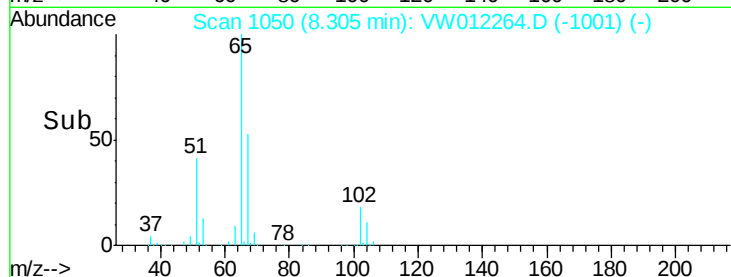
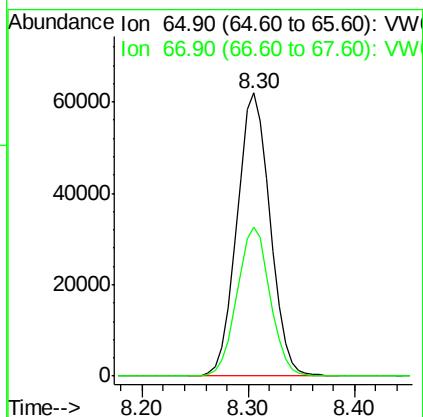
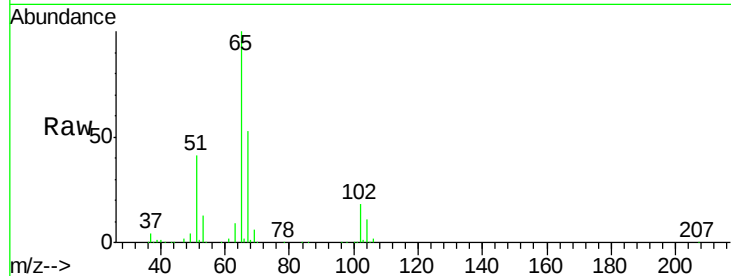
SB-14-7.5-8.0

Tot Ion: 65 Resp: 135732

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

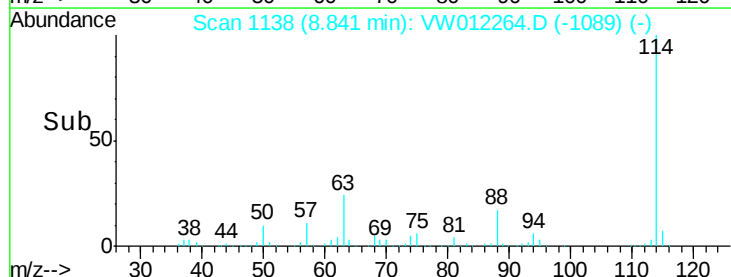
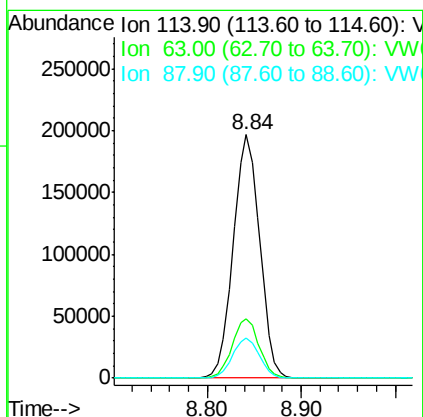
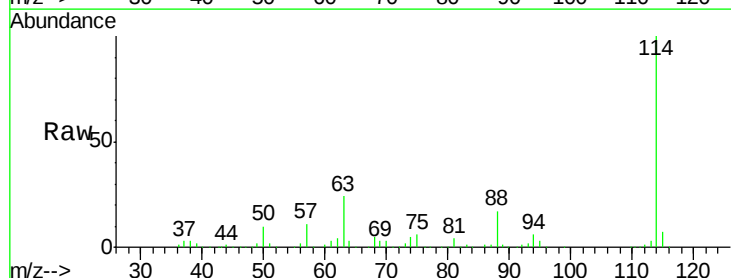
Tgt Ion: 114 Resp: 384411

Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.6

88 16.7 0.0 32.2

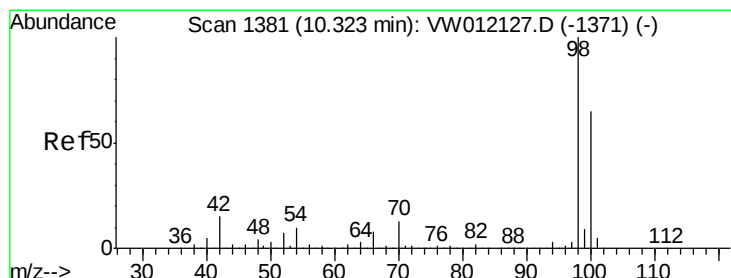
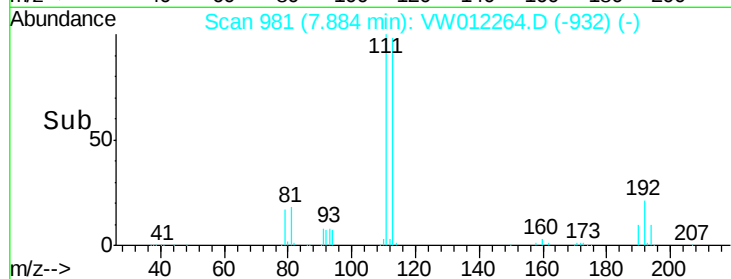
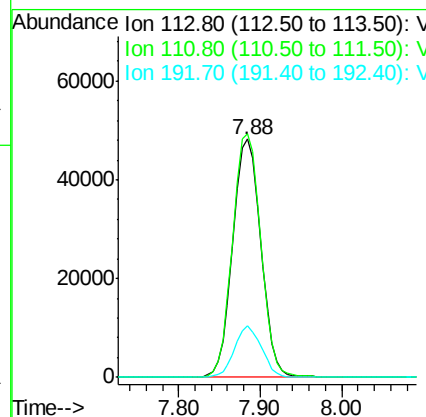
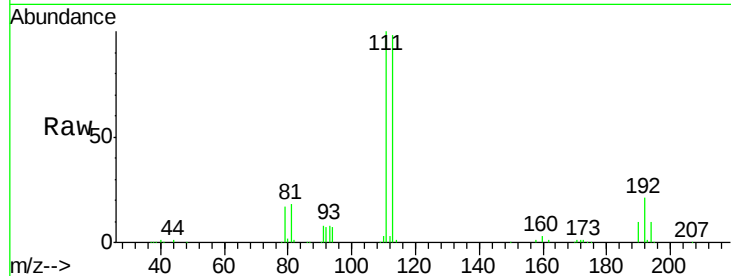




#35
 Dibromofluoromethane
 Concen: 50.107 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

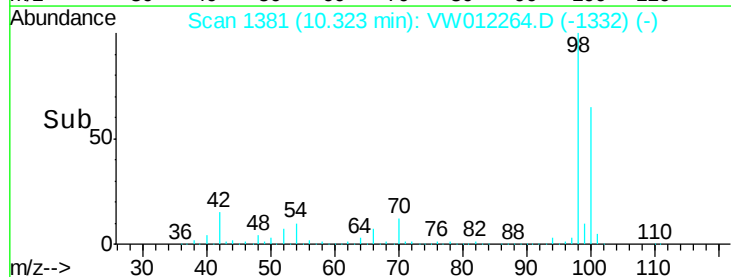
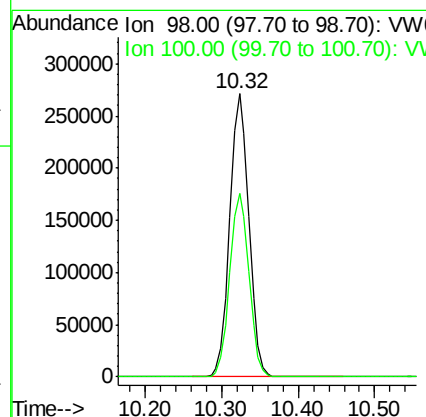
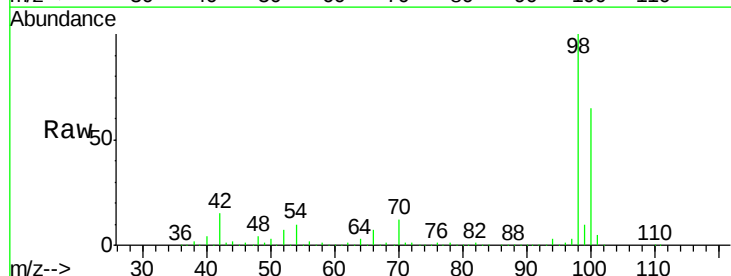
Instrument :
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 SB-14-7.5-8.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.331 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012264.D
 Acq: 28 Aug 2019 19:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 46.159 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

SB-14-7.5-8.0

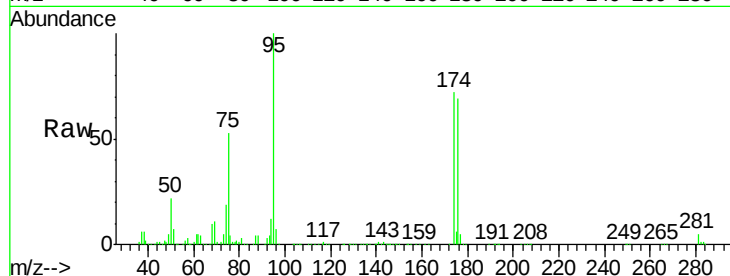
Tot Ion: 95 Resp: 151382

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.8

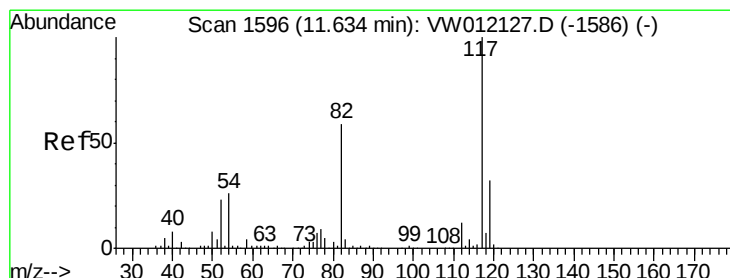
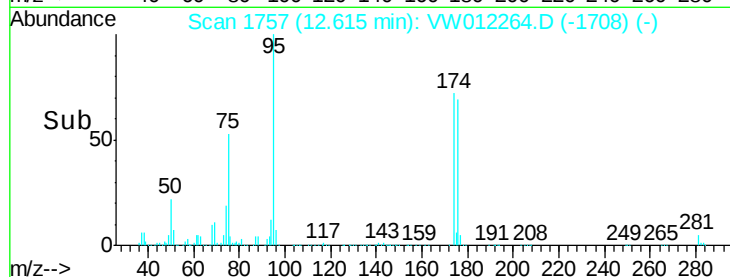
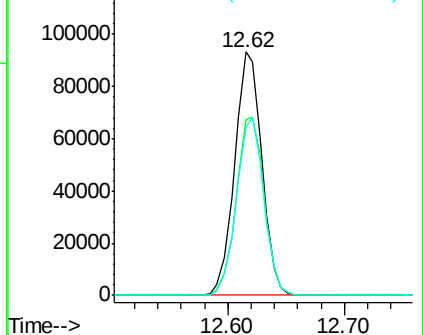
176 73.2 0.0 148.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

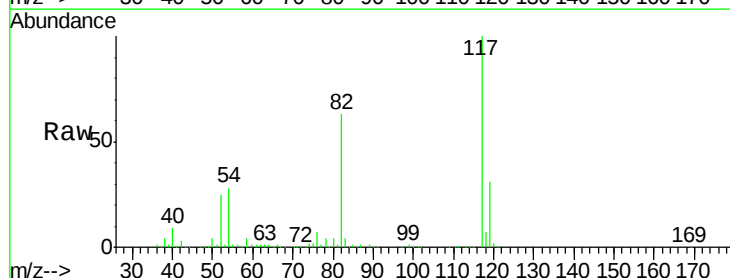
Tgt Ion: 117 Resp: 319553

Ion Ratio Lower Upper

117 100

82 62.9 47.4 71.2

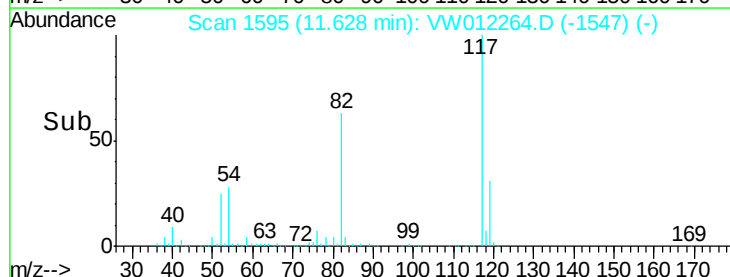
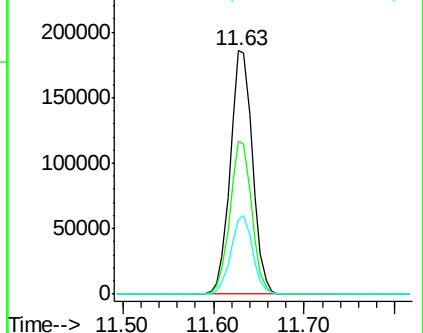
119 30.5 25.4 38.2

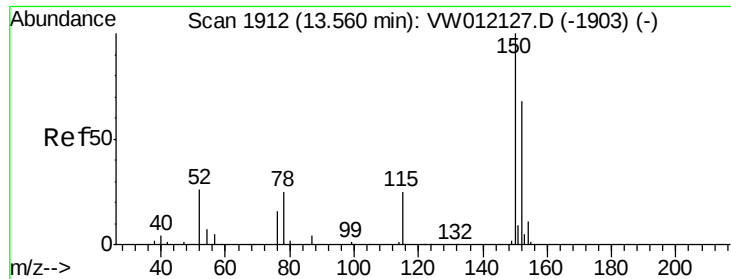


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012264.D

Acq: 28 Aug 2019 19:33

Instrument :

MSVOA_W

ClientSampleId :

SB-14-7.5-8.0

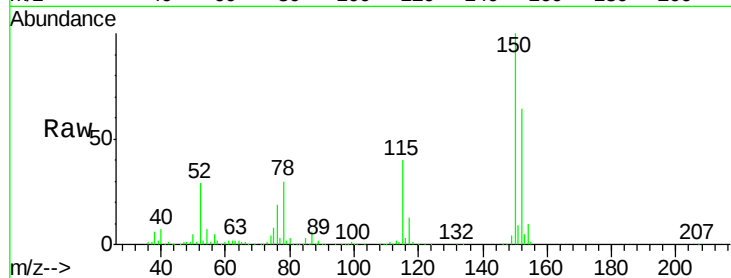
Tot Ion:152 Resp: 132433

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 158.2 0.0 345.8



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

