

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011824.D
 Acq On : 09 Aug 2019 21:17
 Operator : SY/VA
 Sample : K4227-08
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(0)

Quant Time: Aug 11 01:49:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

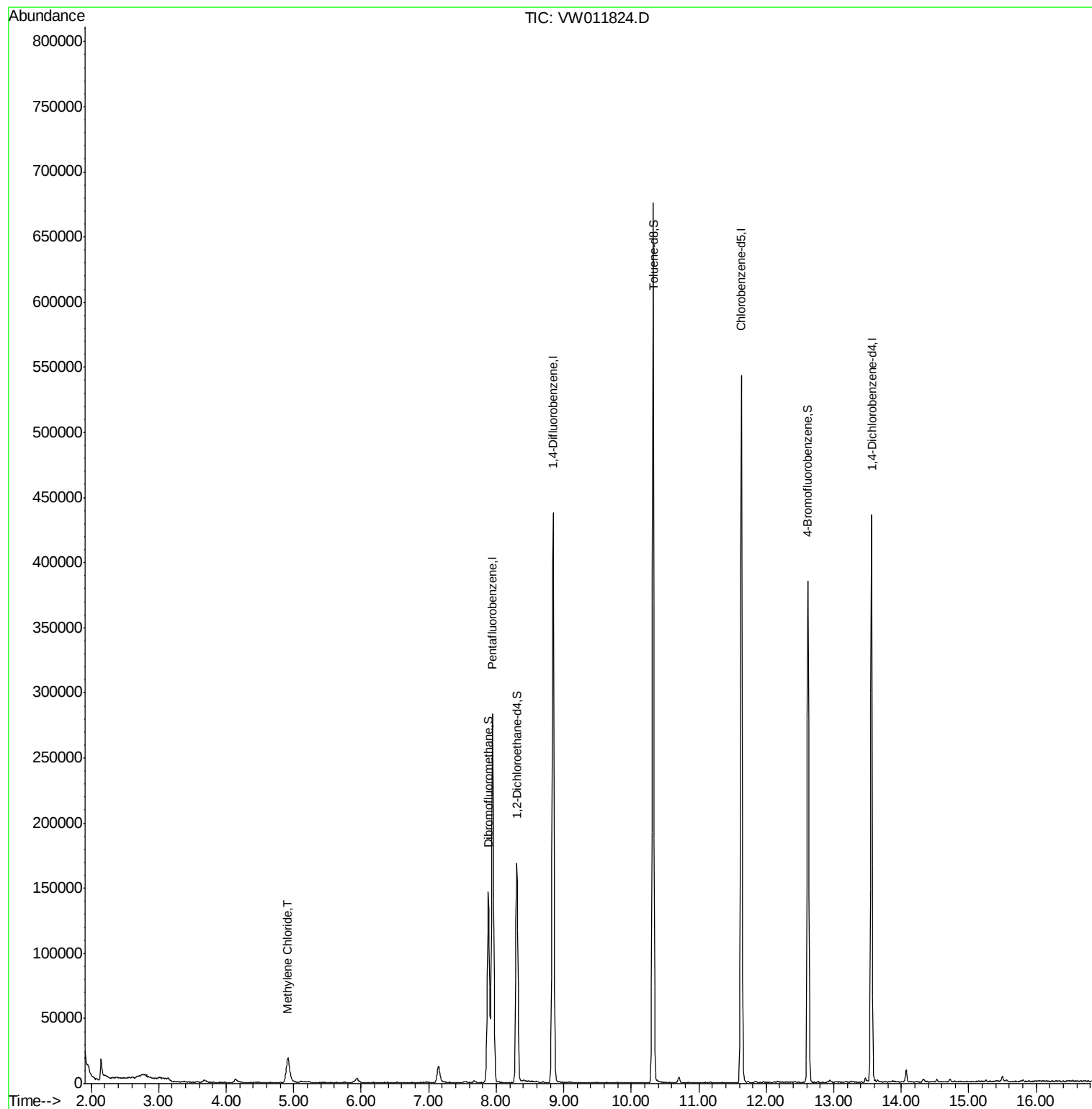
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	279593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135558	58.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.98%	
35) Dibromofluoromethane	7.88	113	104632	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
50) Toluene-d8	10.32	98	413896	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	127852	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
Target Compounds						
20) Methylene Chloride	4.92	84	14845	5.839	ug/l	Qvalue 90

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

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Quant Title : SW846 8260
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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: VW011824.D

Acq: 09 Aug 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

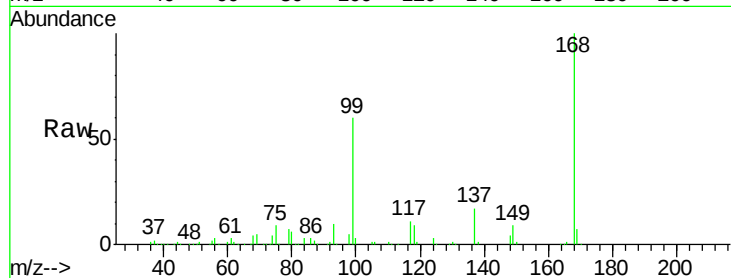
1S-K-(0)

Tot Ion:168 Resp: 201819

Ion Ratio Lower Upper

168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

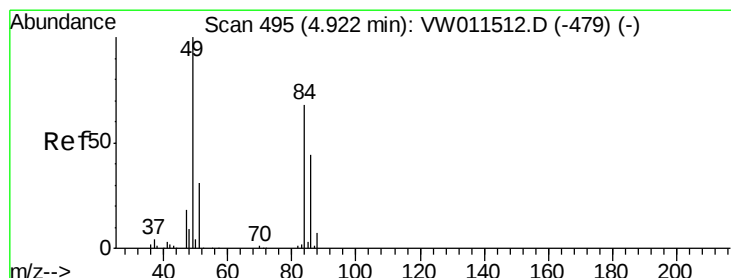
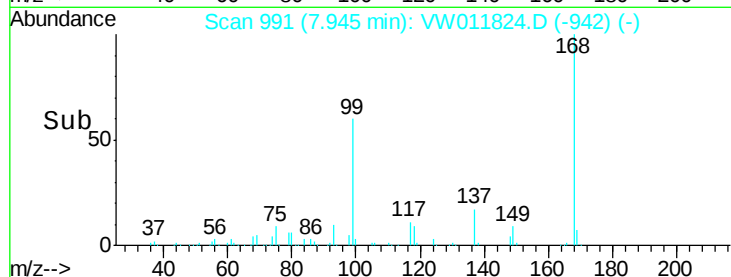
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.839 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011824.D

Acq: 09 Aug 2019 21:17

Tgt Ion: 84 Resp: 14845

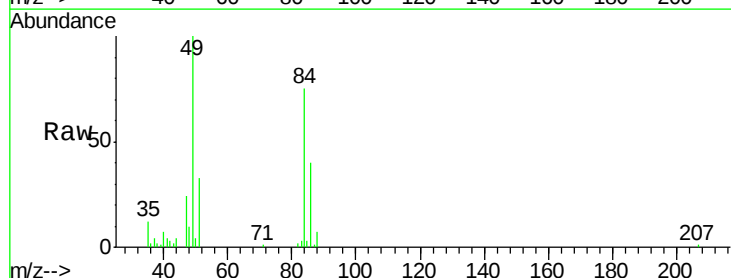
Ion Ratio Lower Upper

84 100

49 133.6 117.8 176.6

51 44.2 37.0 55.4

86 53.7 51.8 77.8



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

4.92

8000

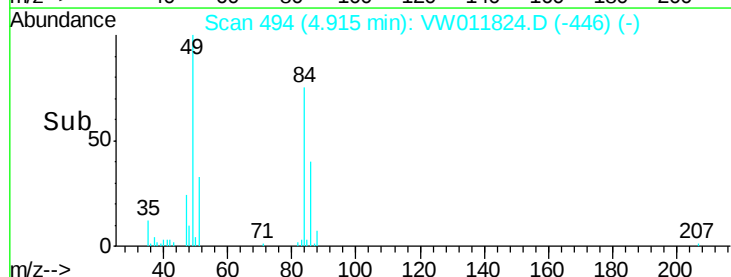
6000

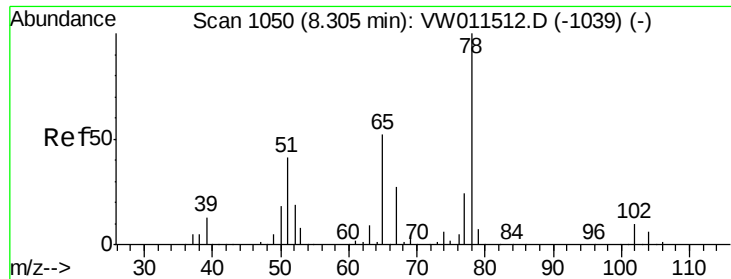
4000

2000

0

Time--> 4.80 4.90 5.00 5.10

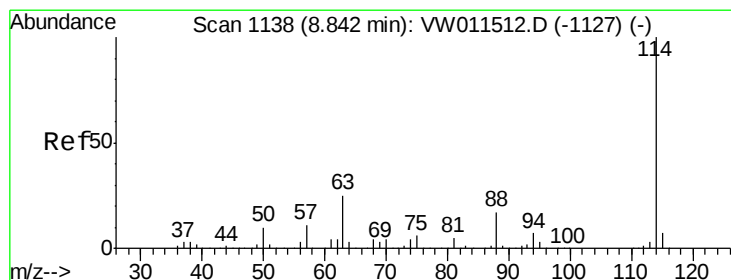
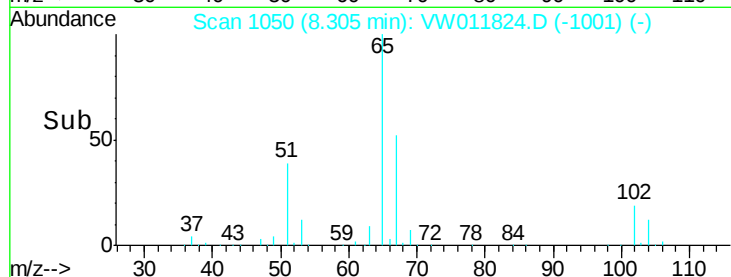
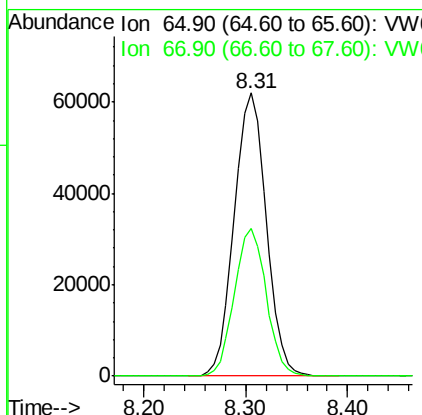
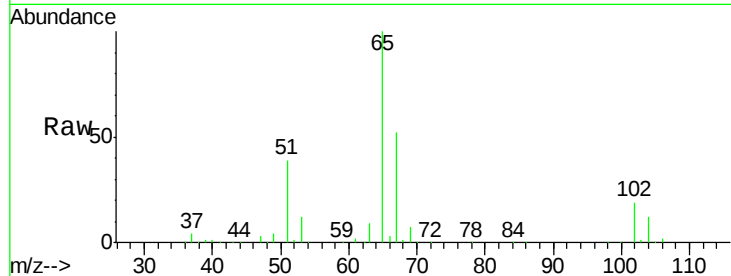




#33
 1,2-Dichloroethane-d4
 Concen: 58.495 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011824.D
 Acq: 09 Aug 2019 21:17

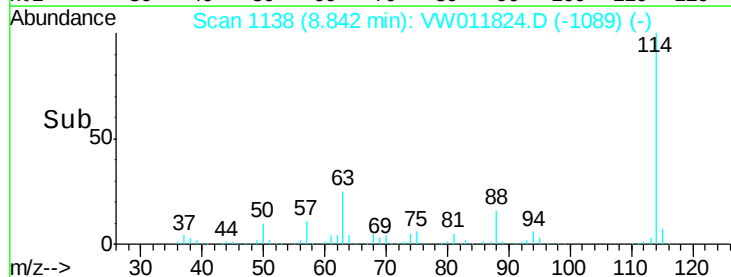
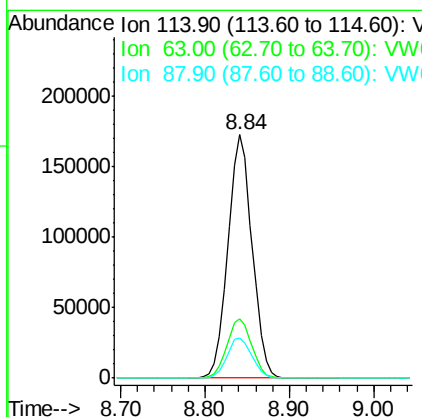
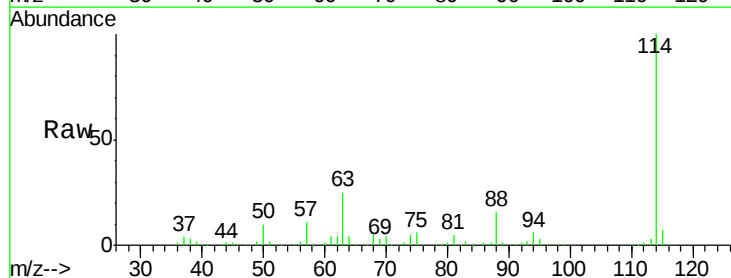
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(0)

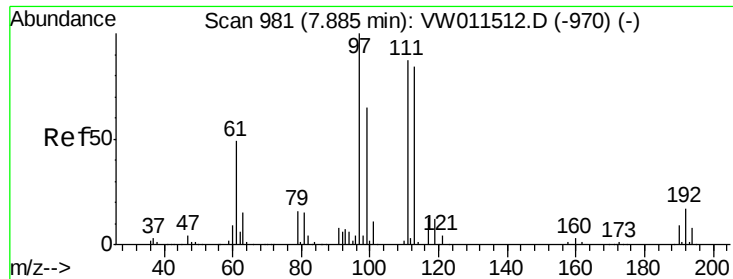
Tot Ion: 65 Resp: 135558
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011824.D
 Acq: 09 Aug 2019 21:17

Tgt Ion: 114 Resp: 335595
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.3 0.0 33.8

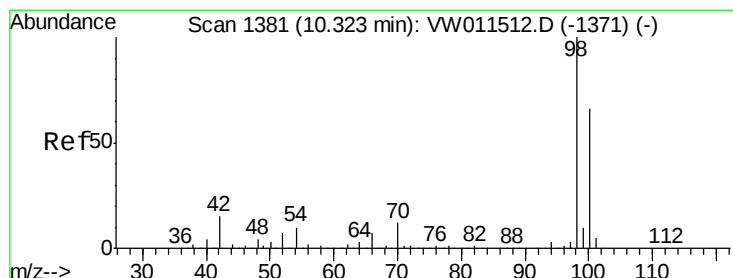
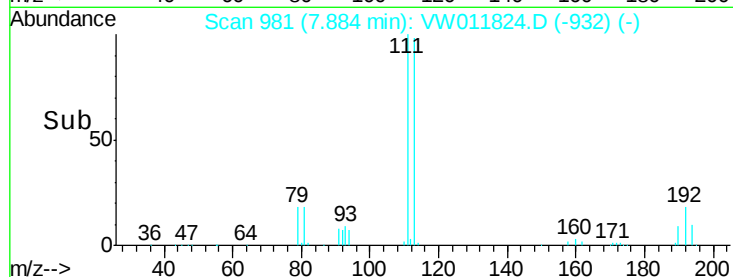
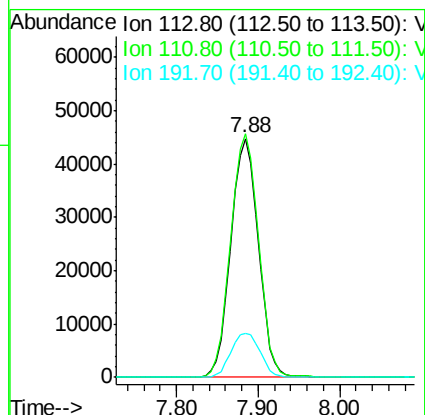
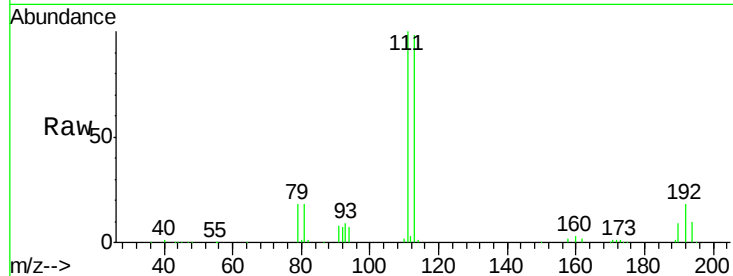




#35
 Dibromofluoromethane
 Concen: 55.574 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011824.D
 Acq: 09 Aug 2019 21:17

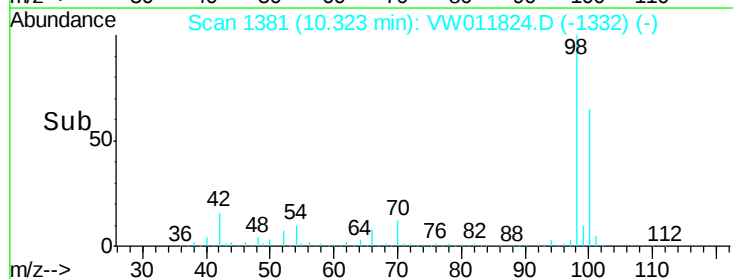
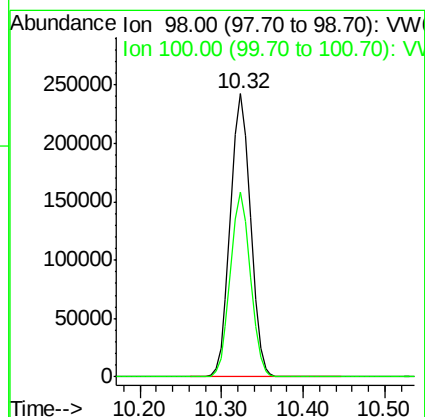
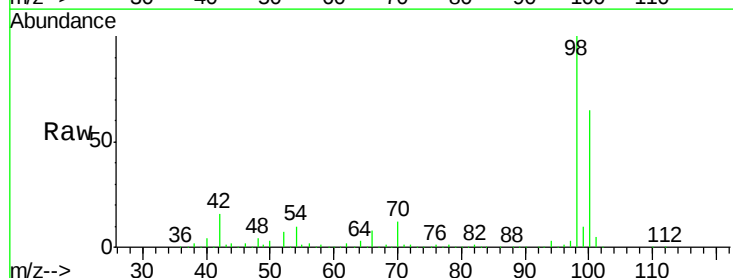
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-K-(0)

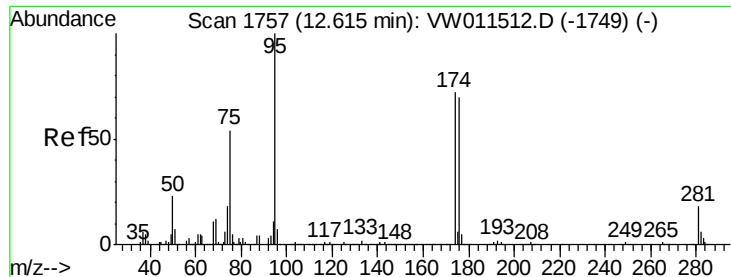
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	19.5	16.1	24.1



#50
 Toluene-d8
 Concen: 53.693 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011824.D
 Acq: 09 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.7	79.1





#62

4-Bromofluorobenzene

Concen: 46.521 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011824.D

Acq: 09 Aug 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

1S-K-(0)

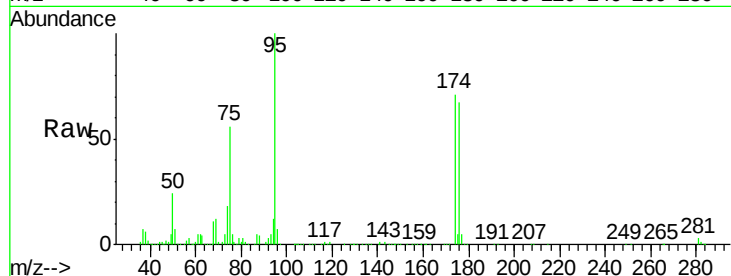
Tot Ion: 95 Resp: 127852

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

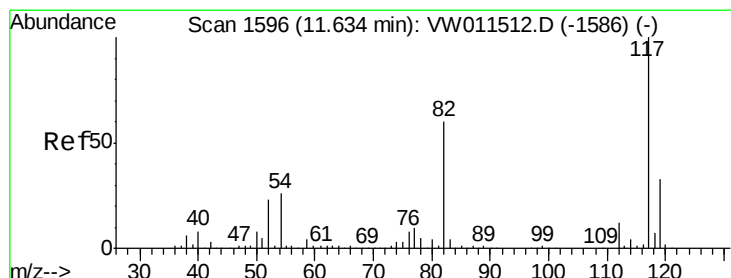
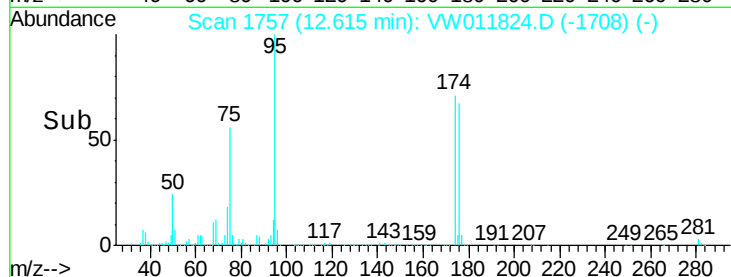
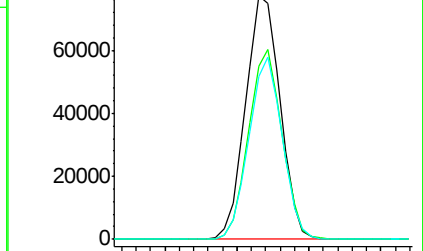
176 72.2 0.0 144.4



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: VW011824.D

Acq: 09 Aug 2019 21:17

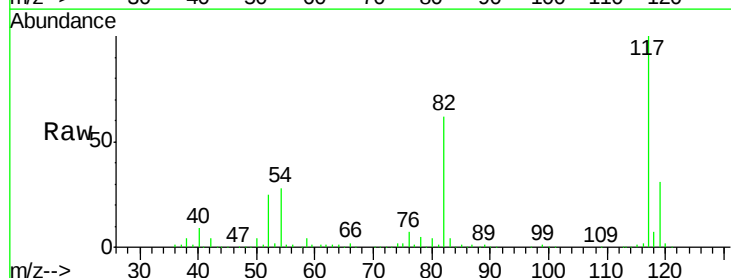
Tgt Ion: 117 Resp: 279593

Ion Ratio Lower Upper

117 100

82 62.0 47.9 71.9

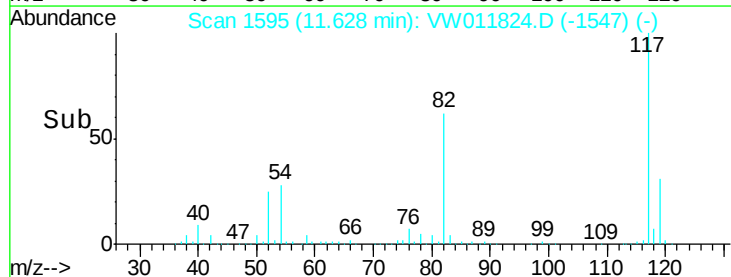
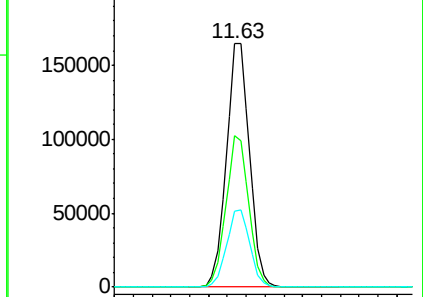
119 31.0 26.2 39.2

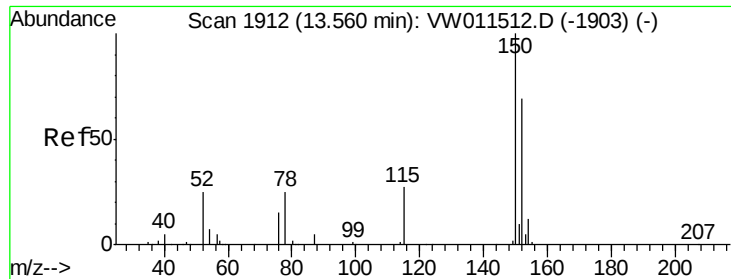


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011824.D

Acq: 09 Aug 2019 21:17

Instrument :

MSVOA_W

ClientSampleId :

1S-K-(0)

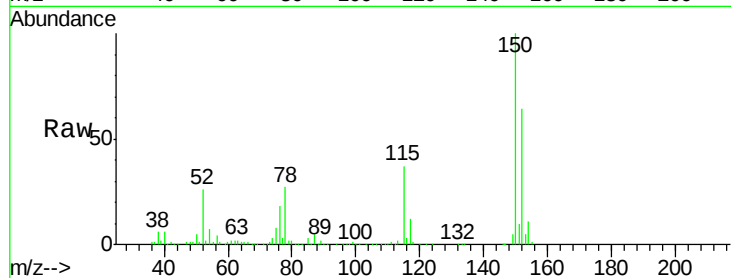
Tot Ion:152 Resp: 108245

Ion Ratio Lower Upper

152 100

115 59.7 30.5 91.5

150 157.4 0.0 352.6



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

