

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011640.D
 Acq On : 03 Aug 2019 01:17
 Operator : SY/VA
 Sample : K4131-04
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D3-(0-1)

Quant Time: Aug 04 00:47:59 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

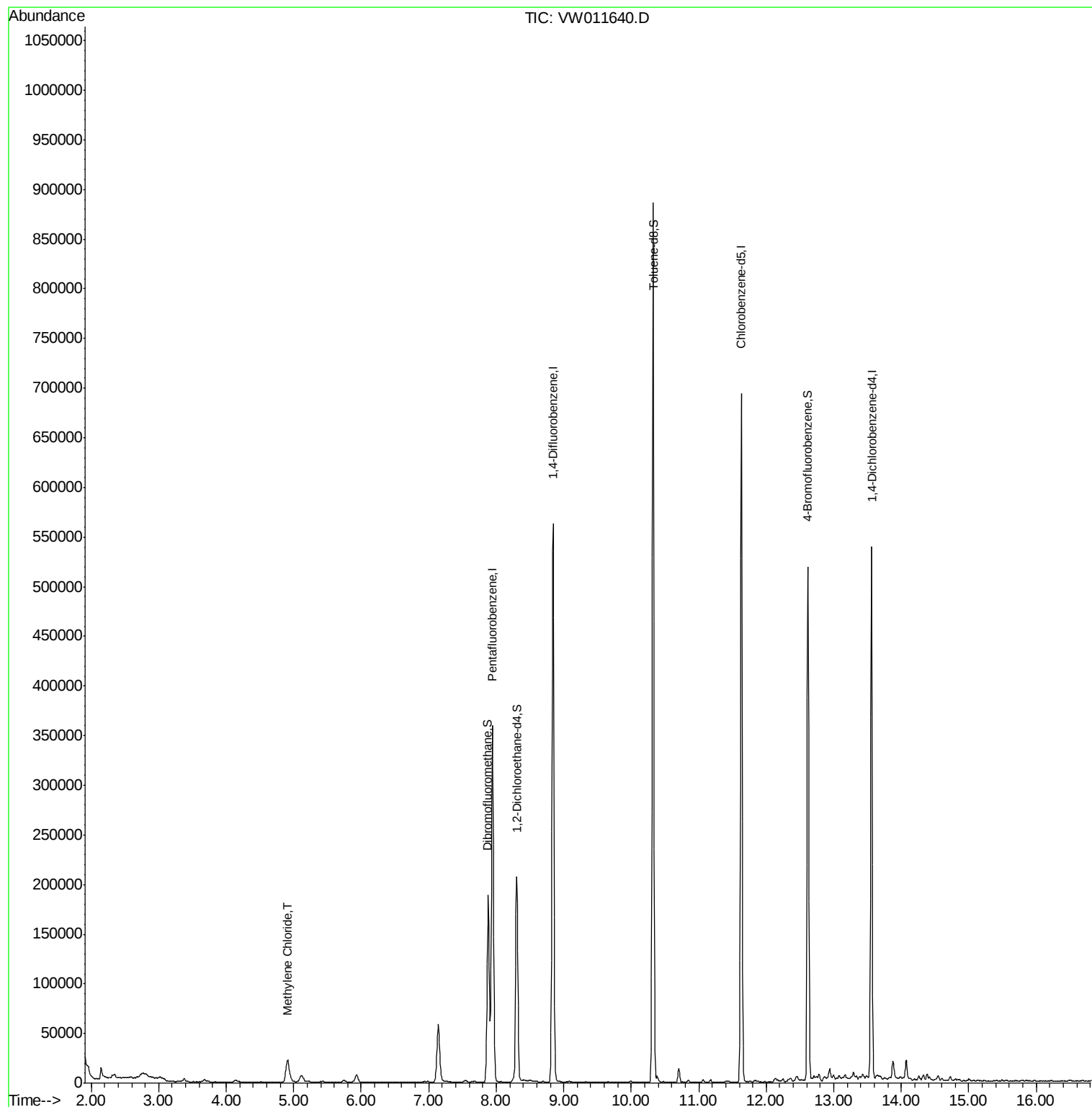
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169631	55.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.90%	
35) Dibromofluoromethane	7.88	113	134348	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.32	98	551543	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.62	95	170441	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
20) Methylene Chloride	4.91	84	16042	4.823	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

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Instrument :

MSVOA_W

ClientSampleId :

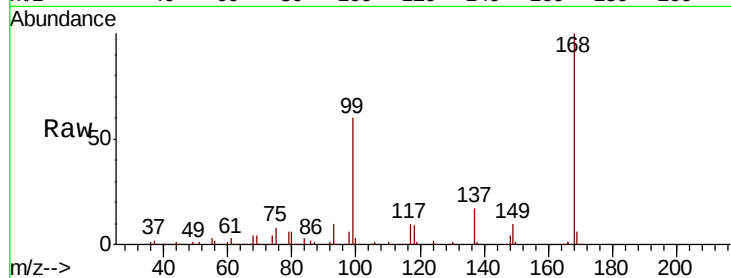
1S-D3-(0-1)

Tot Ion:168 Resp: 264050

Ion Ratio Lower Upper

168 100

99 60.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

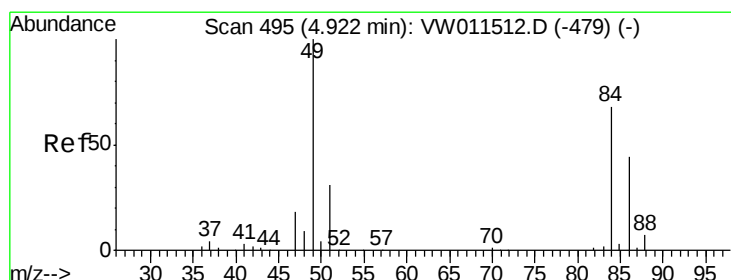
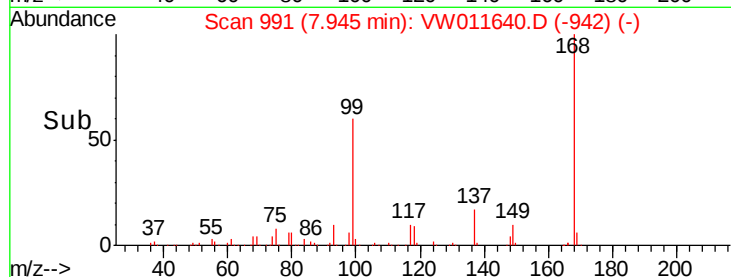
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 4.823 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011640.D

Acq: 03 Aug 2019 01:17

Tgt Ion: 84 Resp: 16042

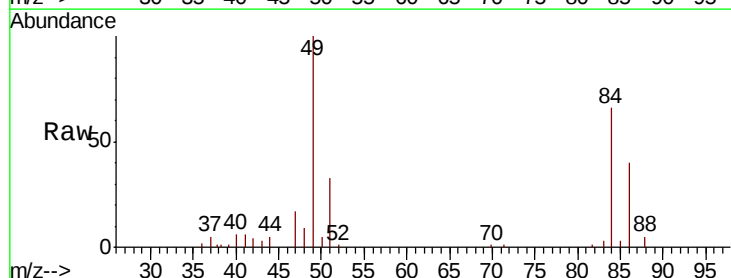
Ion Ratio Lower Upper

84 100

49 149.9 117.8 176.6

51 50.2 37.0 55.4

86 61.1 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

10000

8000

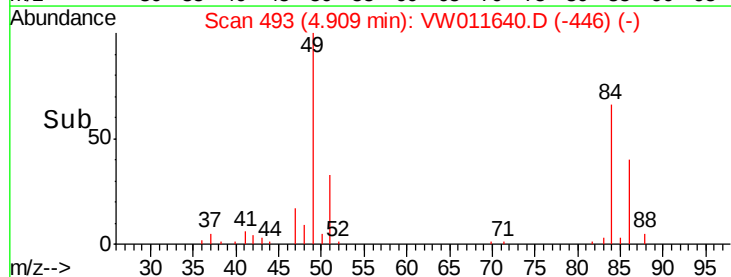
6000

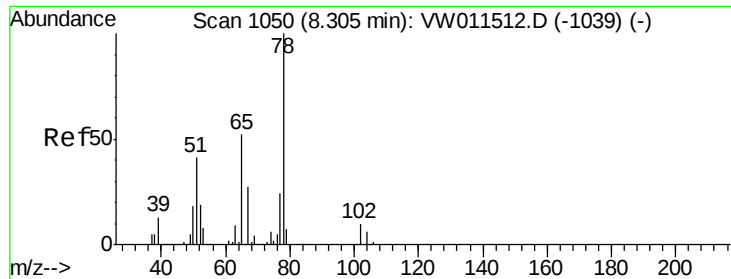
4000

2000

0

Time-->

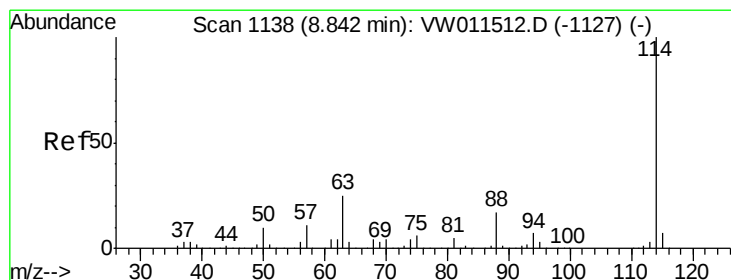
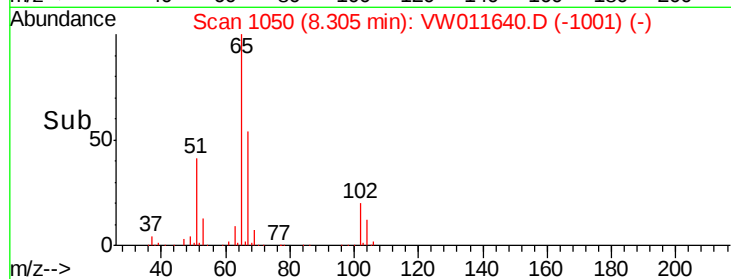
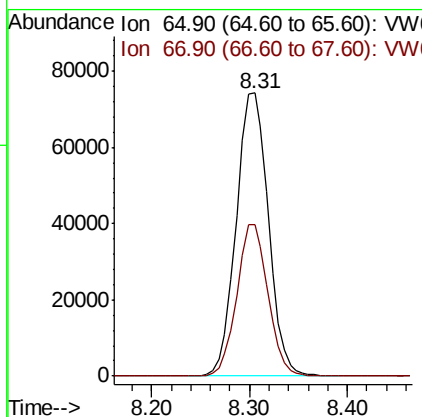
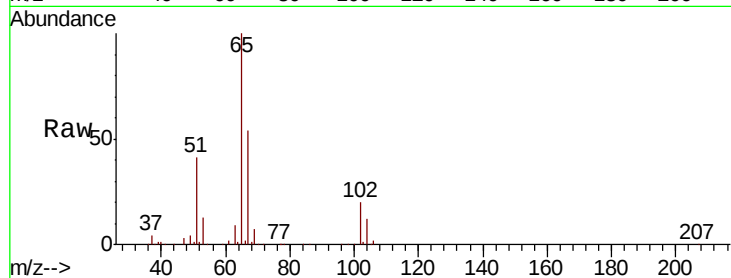




#33
 1,2-Dichloroethane-d4
 Concen: 55.946 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011640.D
 Acq: 03 Aug 2019 01:17

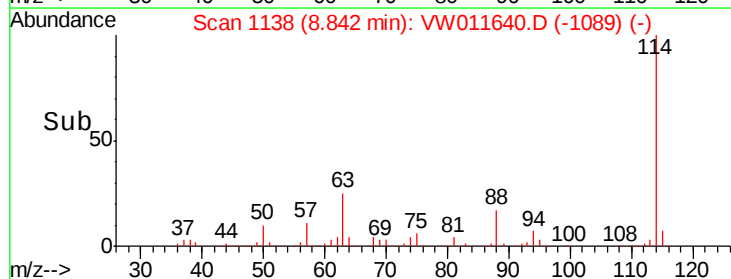
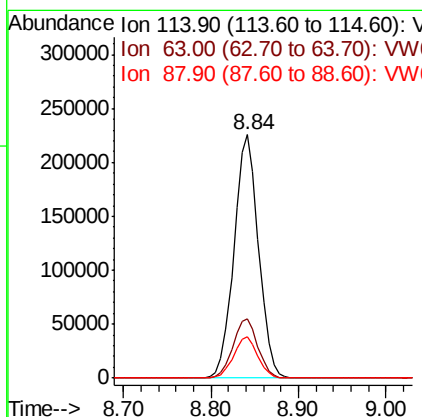
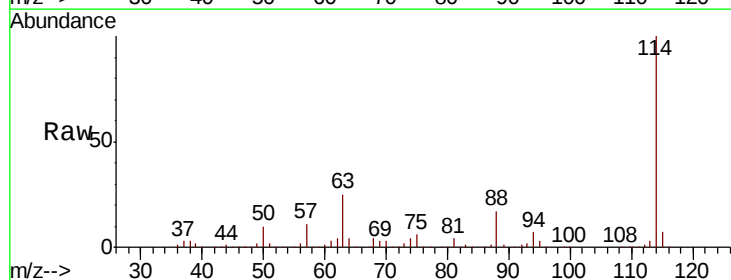
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D3-(0-1)

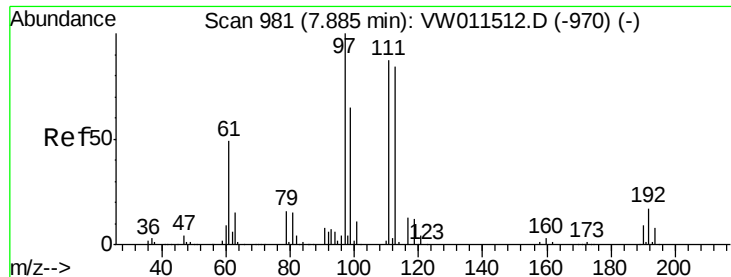
Tot Ion: 65 Resp: 169631
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011640.D
 Acq: 03 Aug 2019 01:17

Tgt Ion: 114 Resp: 439797
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.9 0.0 33.8

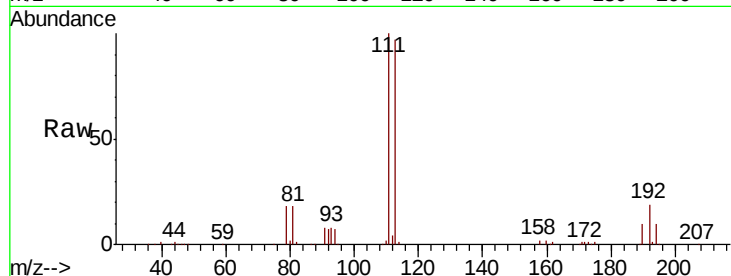




#35
 Dibromofluoromethane
 Concen: 54.451 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011640.D
 Acq: 03 Aug 2019 01:17

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D3-(0-1)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.7	124.1
192	19.7	16.1	24.1

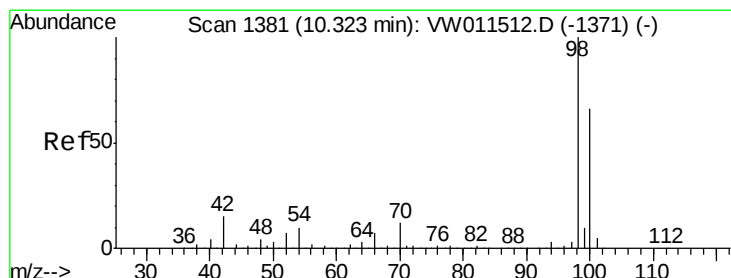
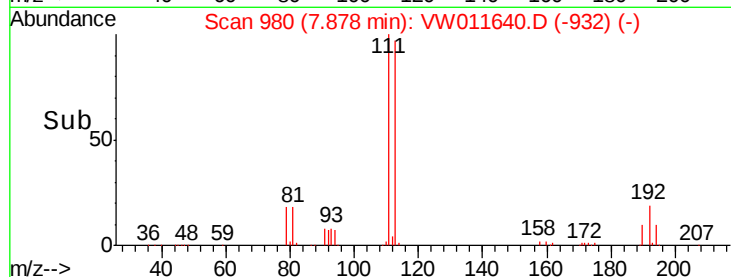
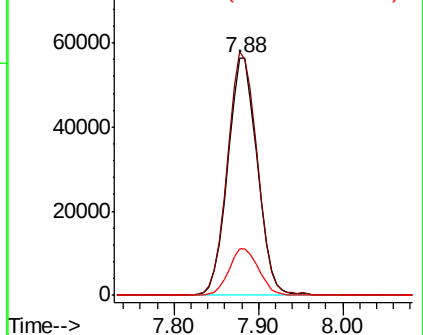


Abundance

Ion 112.80 (112.50 to 113.50): V

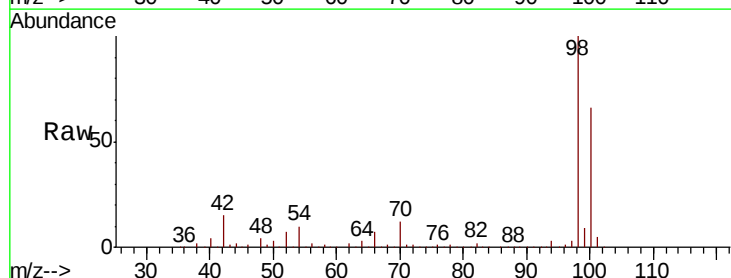
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 54.597 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011640.D
 Acq: 03 Aug 2019 01:17

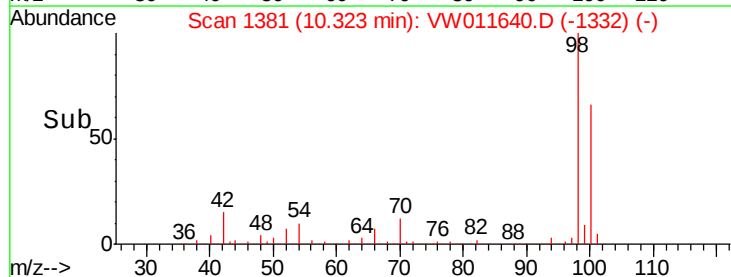
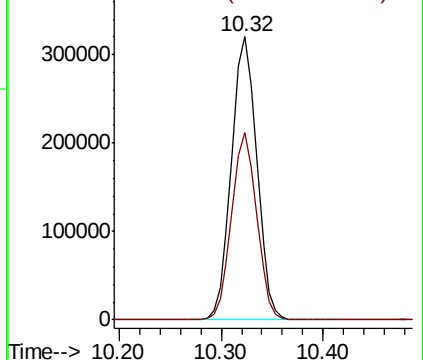
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.7	79.1

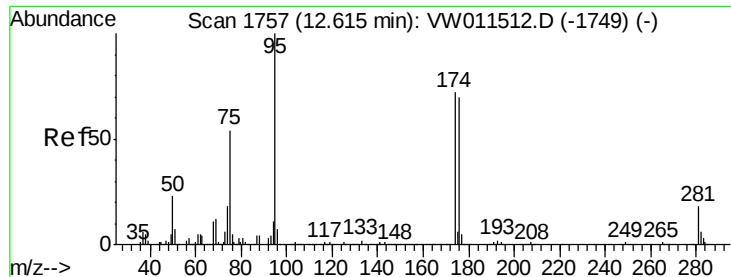


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.324 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011640.D

Acq: 03 Aug 2019 01:17

Instrument :

MSVOA_W

ClientSampleId :

1S-D3-(0-1)

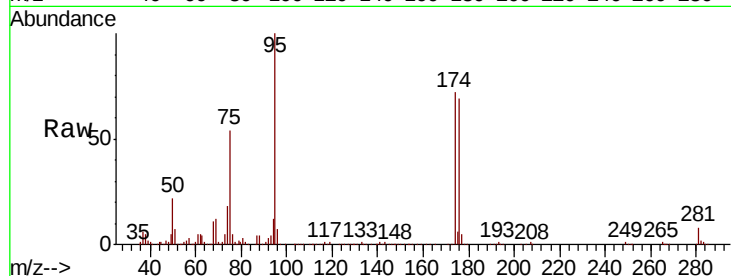
Tot Ion: 95 Resp: 170441

Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.2

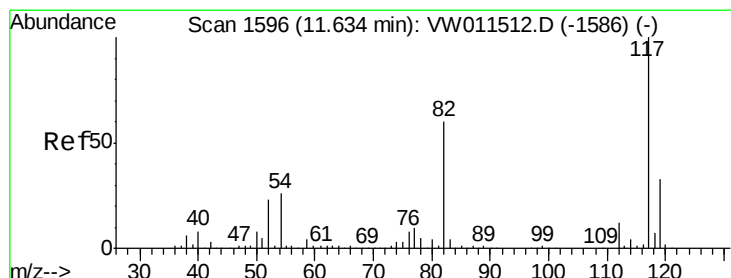
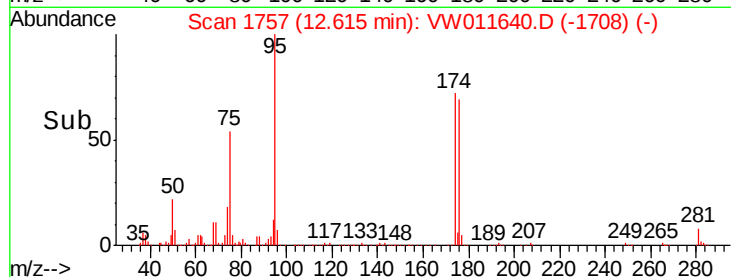
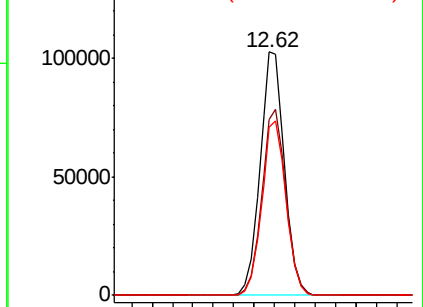
176 71.2 0.0 144.4



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# 1596

Delta R.T. -0.00 min

Lab File: VW011640.D

Acq: 03 Aug 2019 01:17

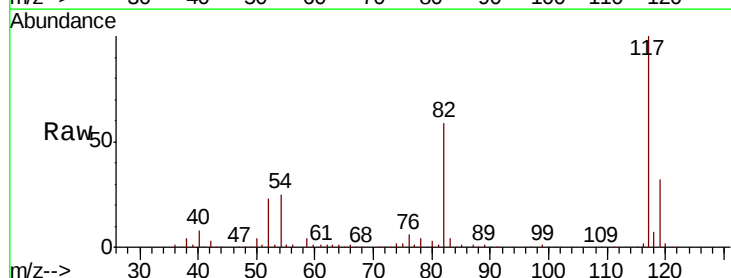
Tgt Ion: 117 Resp: 368330

Ion Ratio Lower Upper

117 100

82 58.5 47.9 71.9

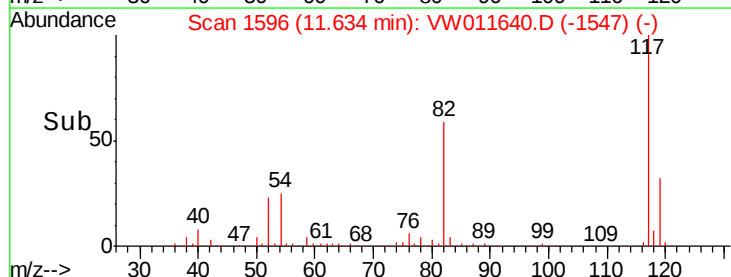
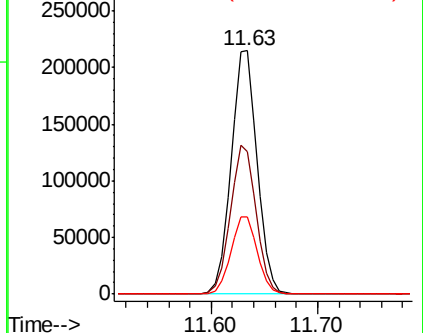
119 31.8 26.2 39.2

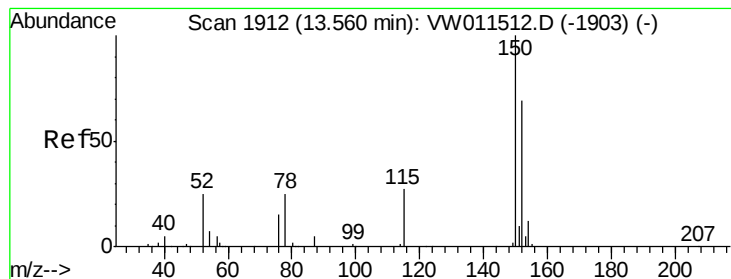


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011640.D

Acq: 03 Aug 2019 01:17

Instrument :

MSVOA_W

ClientSampleId :

1S-D3-(0-1)

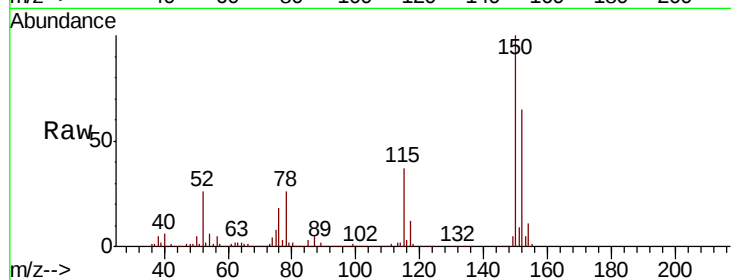
Tot Ion:152 Resp: 134973

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 156.7 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

