

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011639.D
 Acq On : 03 Aug 2019 00:51
 Operator : SY/VA
 Sample : K4131-03
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D2-(0-1)

Quant Time: Aug 04 00:42:04 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

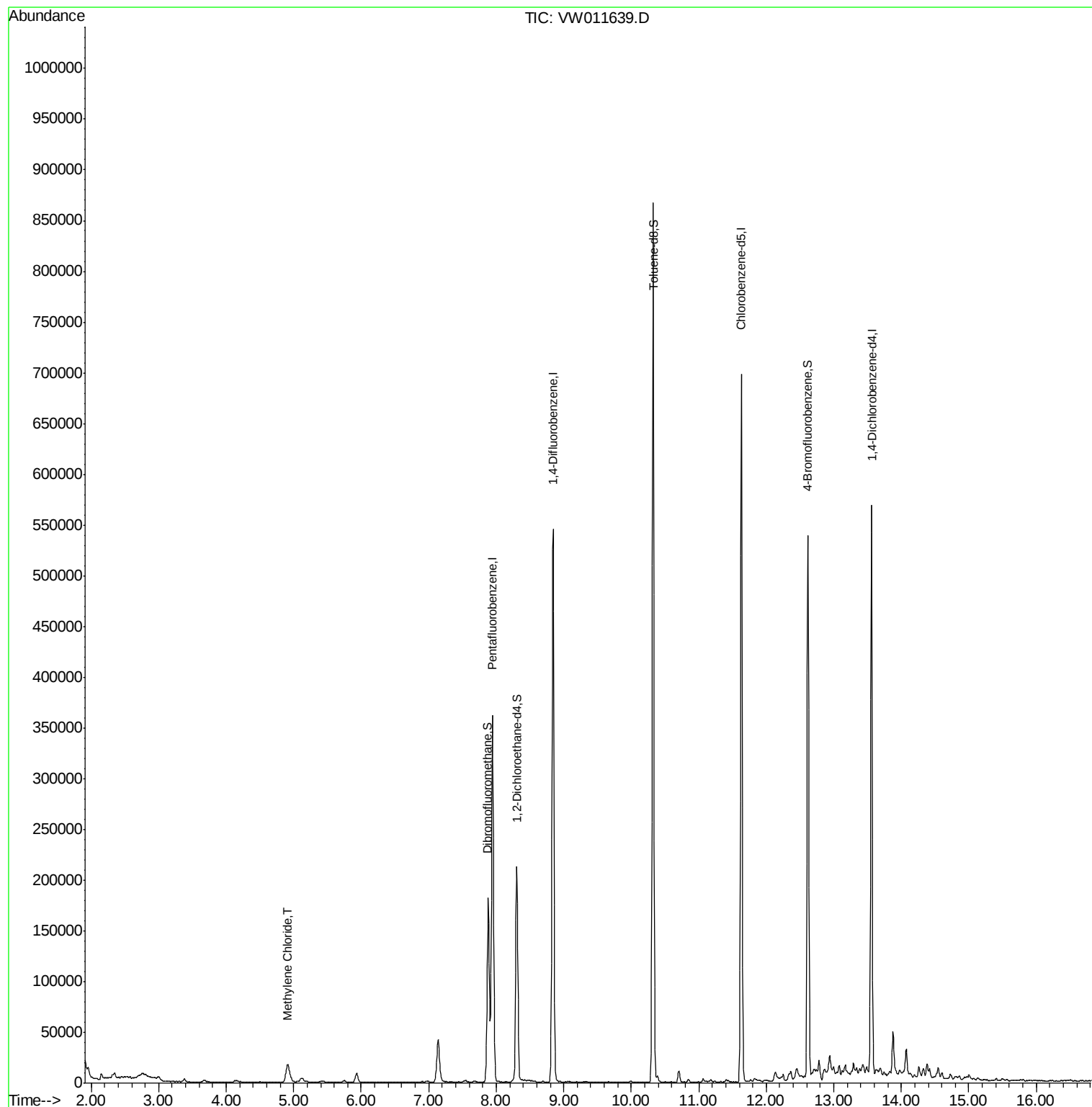
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	434095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165928	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	7.88	113	129281	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	10.32	98	541169	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	173611	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
Target Compounds						
20) Methylene Chloride	4.92	84	12844	3.916	ug/l	Qvalue 89

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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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: VW011639.D

Acq: 03 Aug 2019 00:51

Instrument :

MSVOA_W

ClientSampleId :

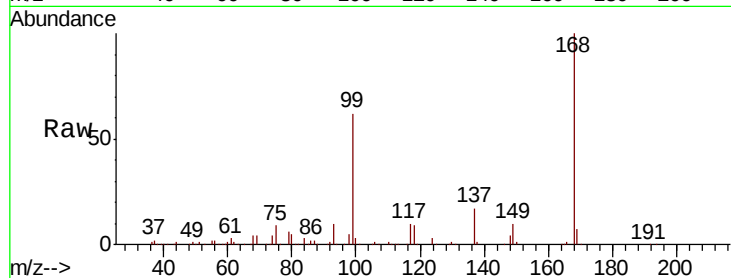
1S-D2-(0-1)

Tot Ion:168 Resp: 260332

Ion Ratio Lower Upper

168 100

99 62.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

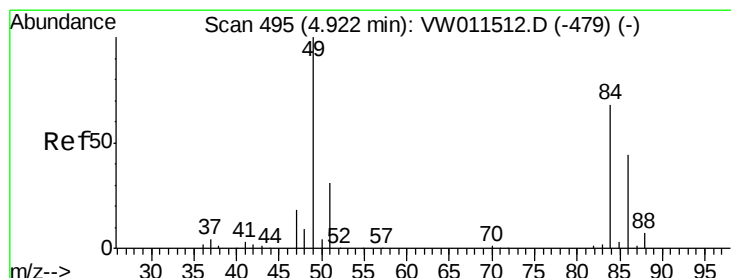
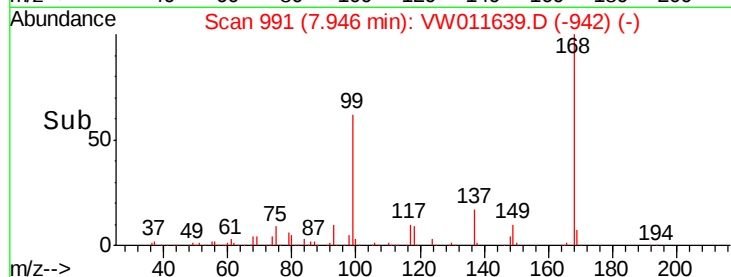
7.95

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.916 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011639.D

Acq: 03 Aug 2019 00:51

Tgt Ion: 84 Resp: 12844

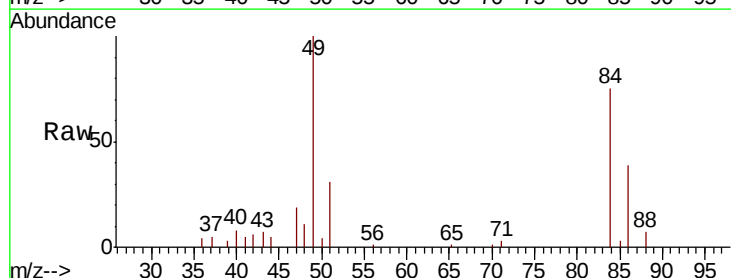
Ion Ratio Lower Upper

84 100

49 133.8 117.8 176.6

51 42.0 37.0 55.4

86 52.1 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

8000

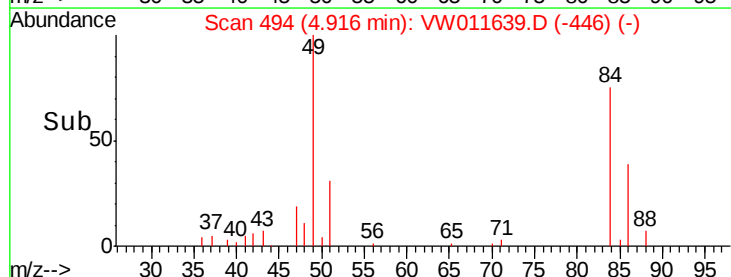
6000

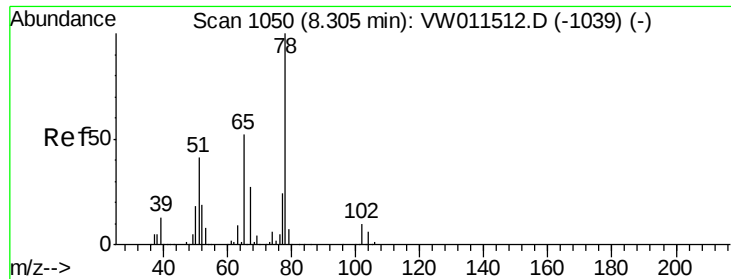
4000

2000

0

Time-->

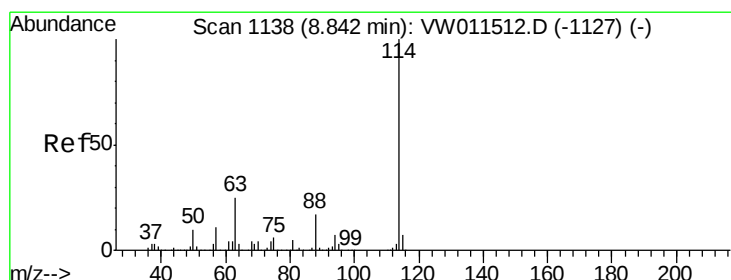
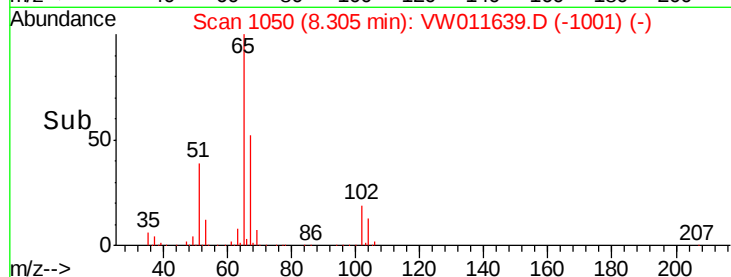
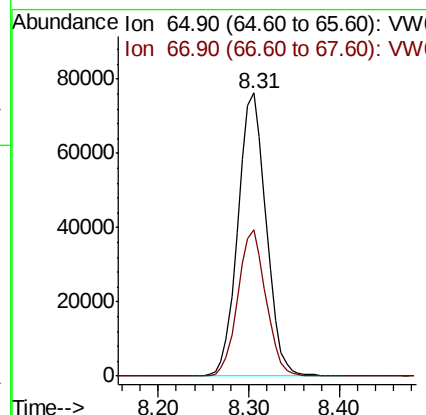
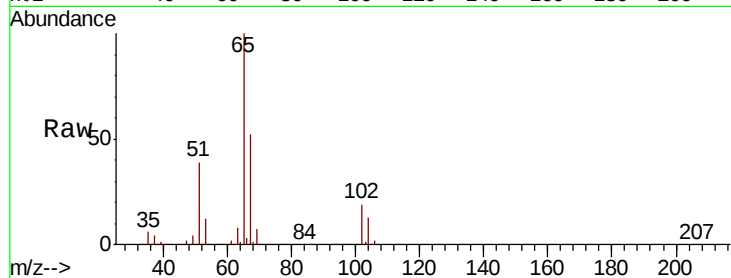




#33
 1,2-Dichloroethane-d4
 Concen: 55.507 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011639.D
 Acq: 03 Aug 2019 00:51

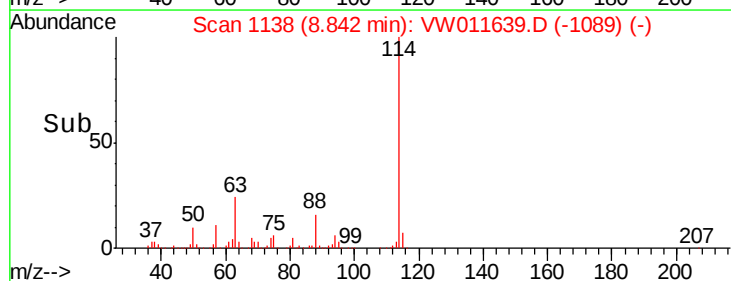
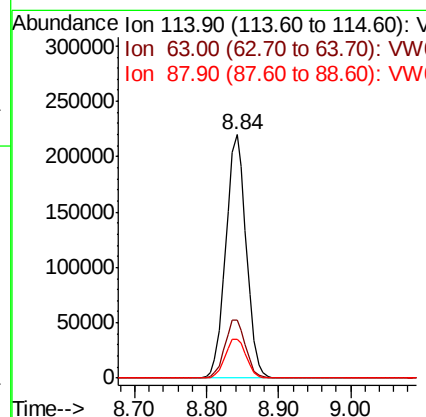
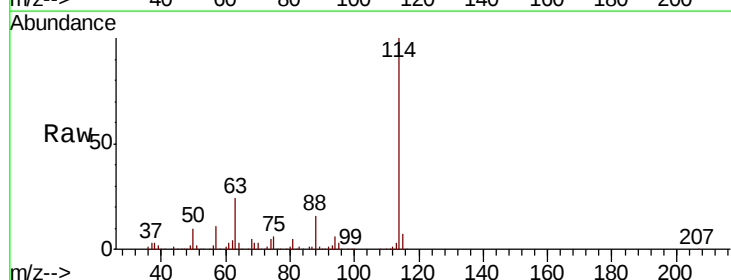
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D2-(0-1)

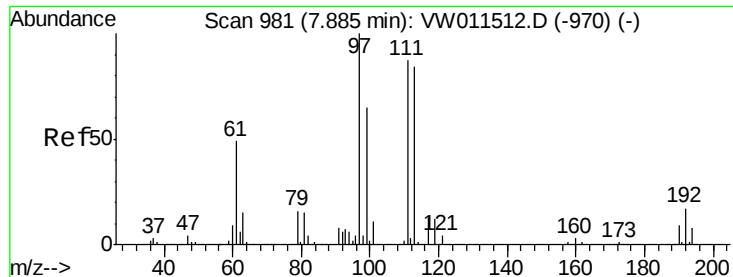
Tot Ion: 65 Resp: 165928
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011639.D
 Acq: 03 Aug 2019 00:51

Tgt Ion: 114 Resp: 434095
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 15.9 0.0 33.8

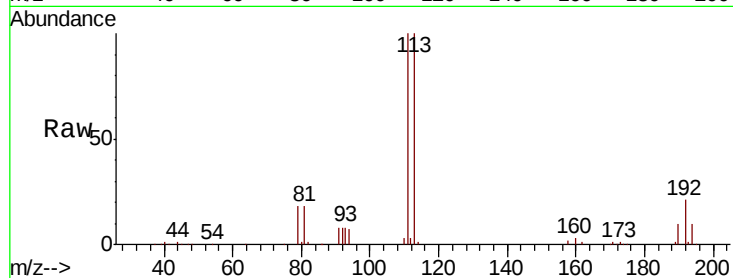




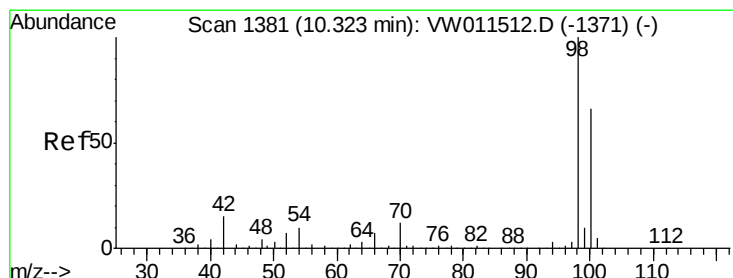
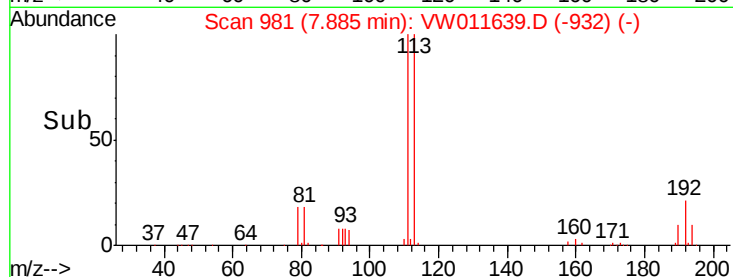
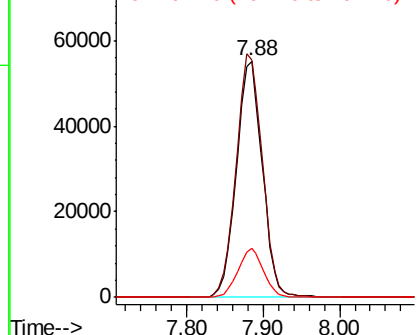
#35
 Dibromofluoromethane
 Concen: 53.085 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011639.D
 Acq: 03 Aug 2019 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D2-(0-1)

Tot Ion:113 Resp: 129281
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.7 124.1
 192 20.4 16.1 24.1

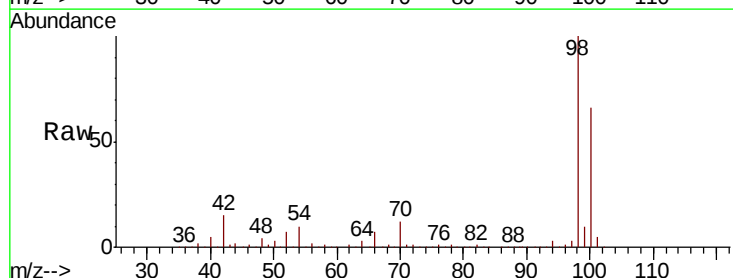


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

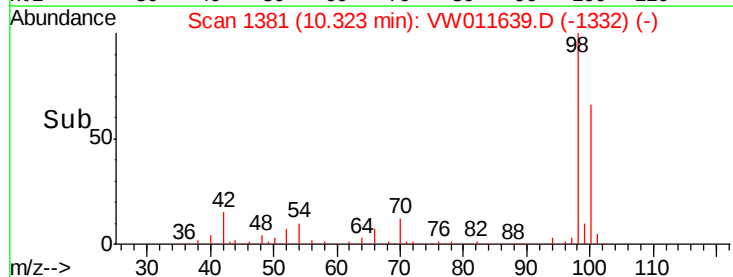
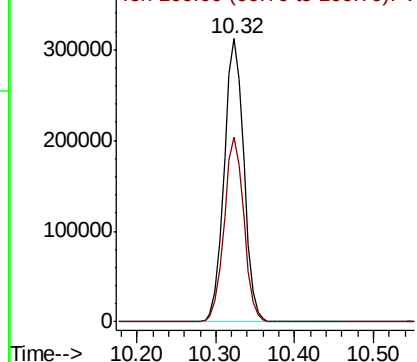


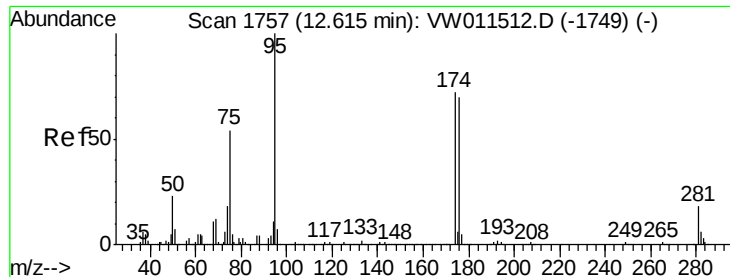
#50
 Toluene-d8
 Concen: 54.274 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011639.D
 Acq: 03 Aug 2019 00:51

Tgt Ion: 98 Resp: 541169
 Ion Ratio Lower Upper
 98 100
 100 65.2 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: 48.837 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011639.D

Acq: 03 Aug 2019 00:51

Instrument :

MSVOA_W

ClientSampleId :

1S-D2-(0-1)

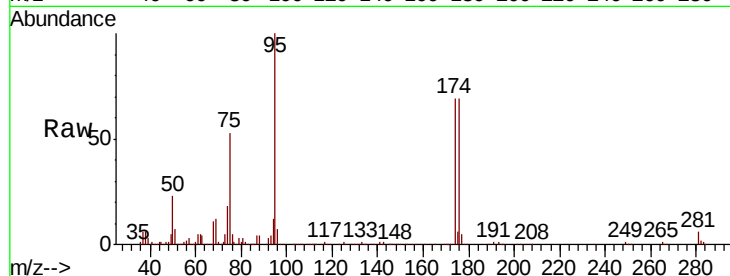
Tot Ion: 95 Resp: 173611

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

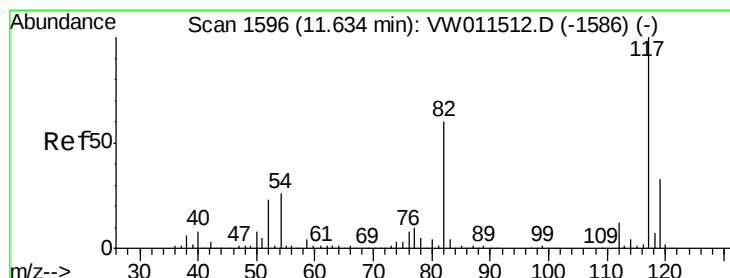
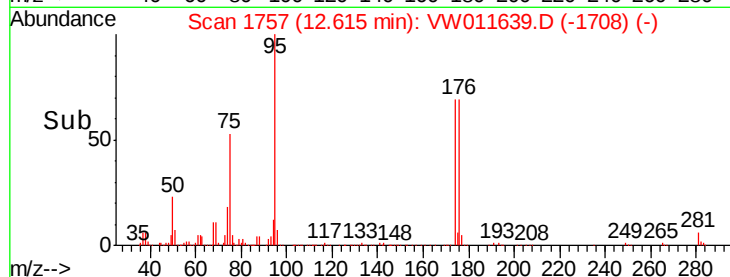
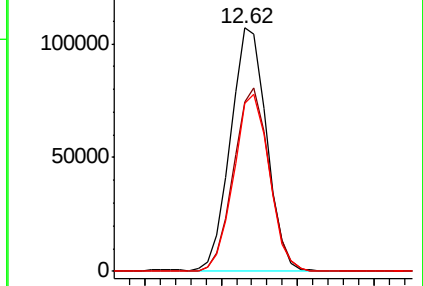
176 72.4 0.0 144.4



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: VW011639.D

Acq: 03 Aug 2019 00:51

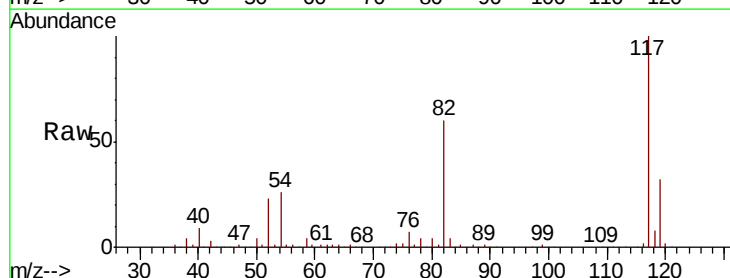
Tgt Ion: 117 Resp: 367455

Ion Ratio Lower Upper

117 100

82 60.1 47.9 71.9

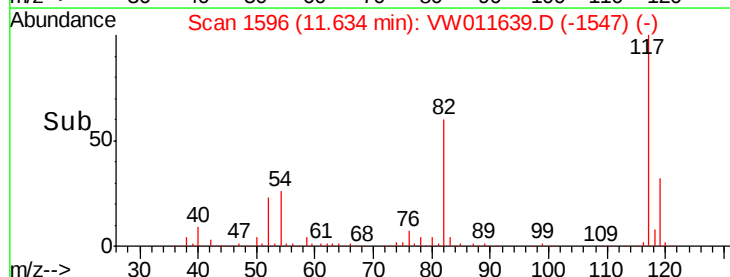
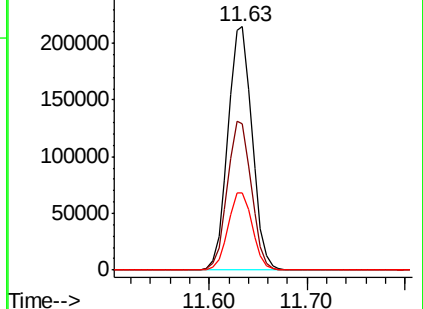
119 31.9 26.2 39.2

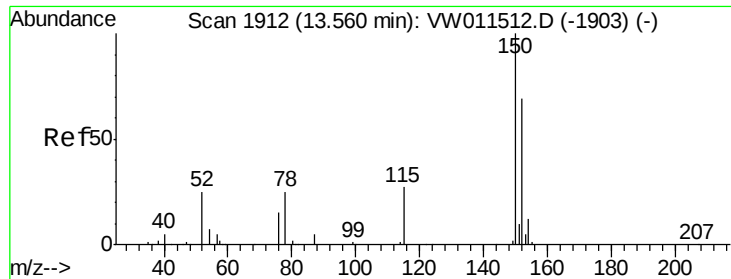


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

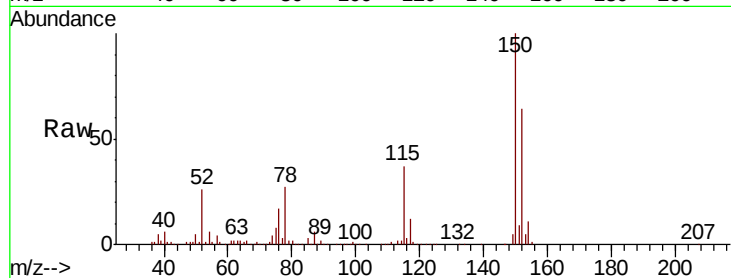




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011639.D
 Acq: 03 Aug 2019 00:51

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D2-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.5	91.5
150	155.8	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

