

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011644.D
 Acq On : 03 Aug 2019 03:00
 Operator : SY/VA
 Sample : K4131-09
 Misc : 5.82G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D3-(30)

Quant Time: Aug 04 00:54:05 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

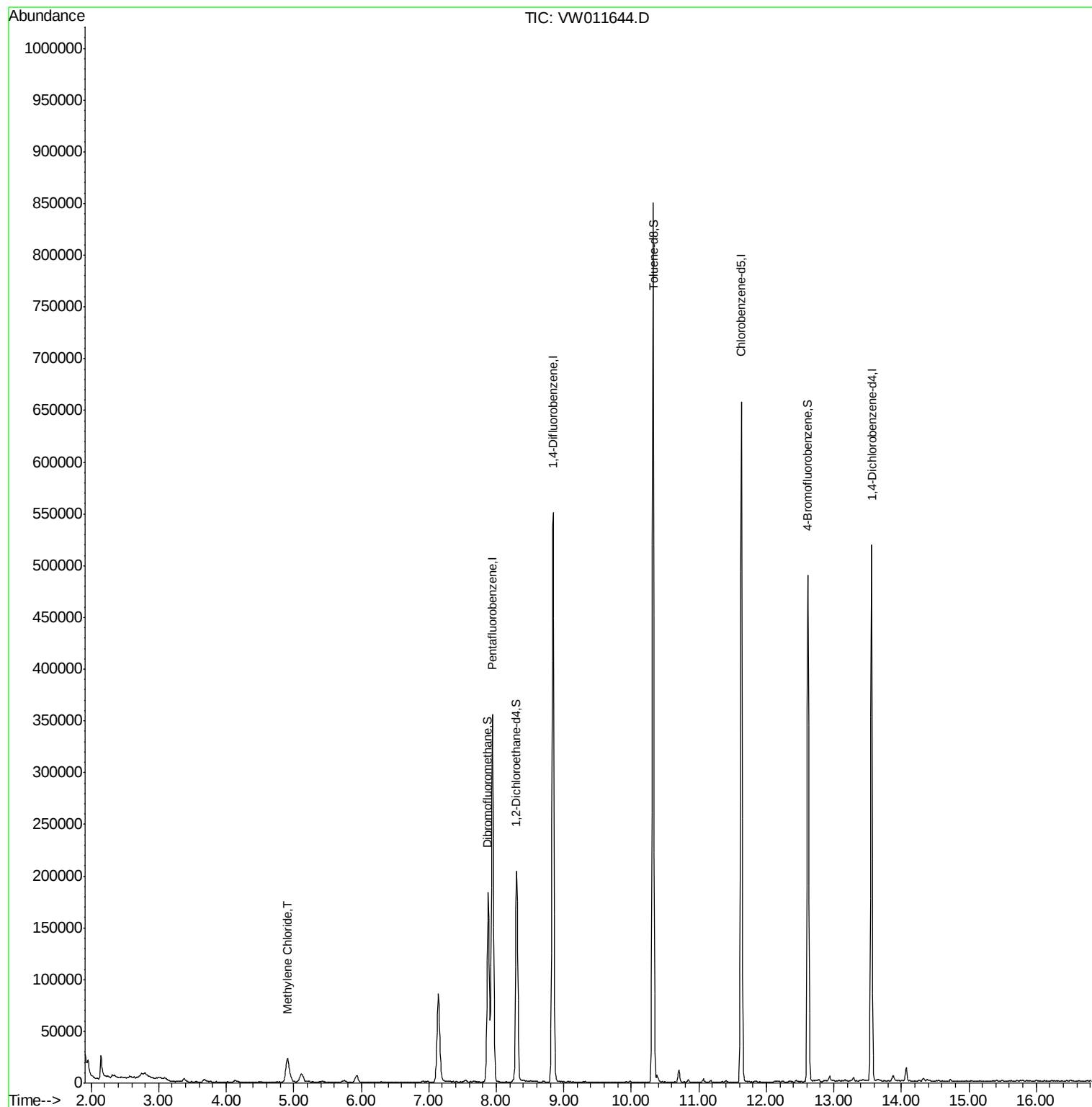
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	166755	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.88	113	131759	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
50) Toluene-d8	10.32	98	529422	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.62	95	159171	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	17422	5.331	ug/l	Qvalue 93

(#) = 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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011644.D

Acq: 03 Aug 2019 03:00

Instrument :

MSVOA_W

ClientSampleId :

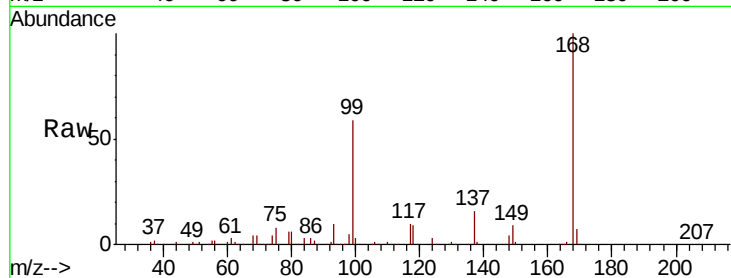
1S-D3-(30)

Tot Ion:168 Resp: 259449

Ion Ratio Lower Upper

168 100

99 59.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

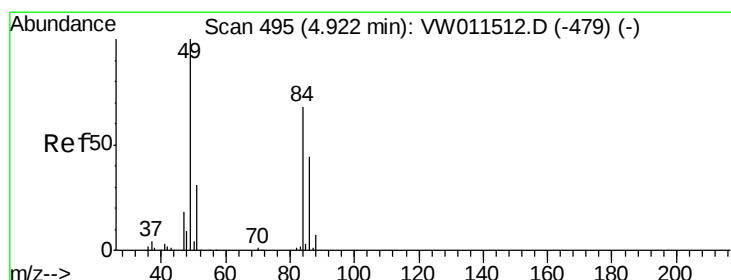
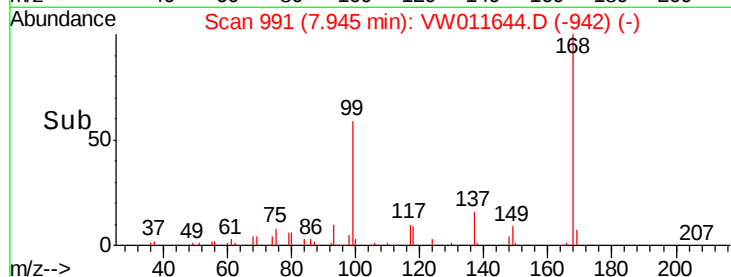
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.331 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011644.D

Acq: 03 Aug 2019 03:00

Tgt Ion: 84 Resp: 17422

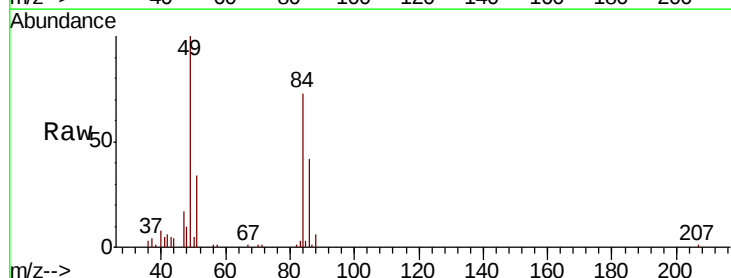
Ion Ratio Lower Upper

84 100

49 136.9 117.8 176.6

51 46.0 37.0 55.4

86 57.7 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

10000

8000

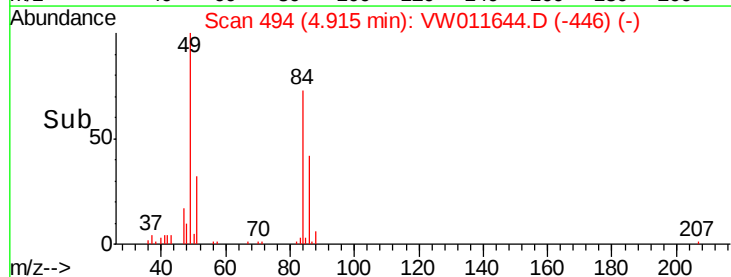
6000

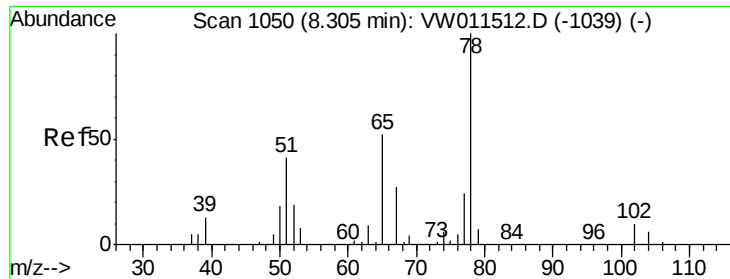
4000

2000

0

Time--> 4.80 4.90 5.00

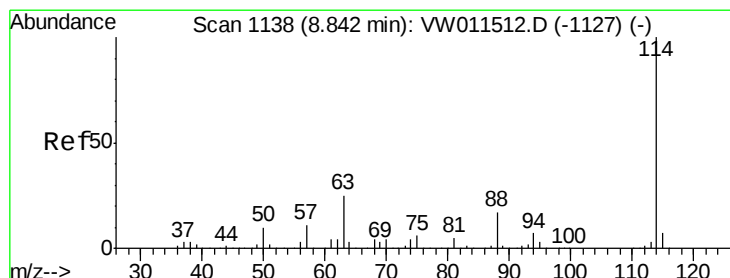
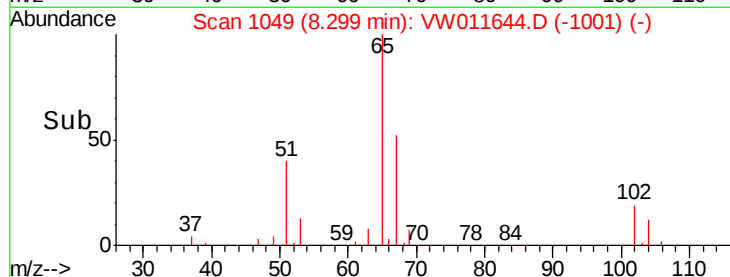
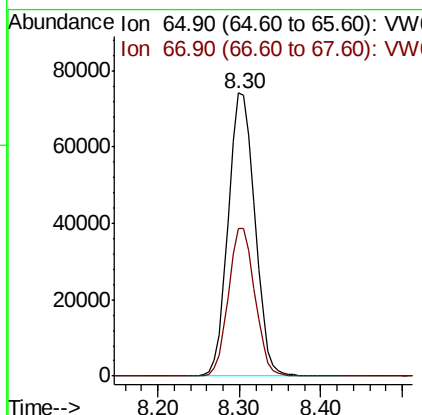
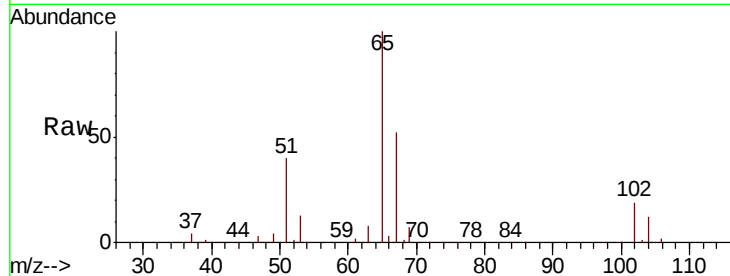




#33
 1,2-Dichloroethane-d4
 Concen: 55.973 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011644.D
 Acq: 03 Aug 2019 03:00

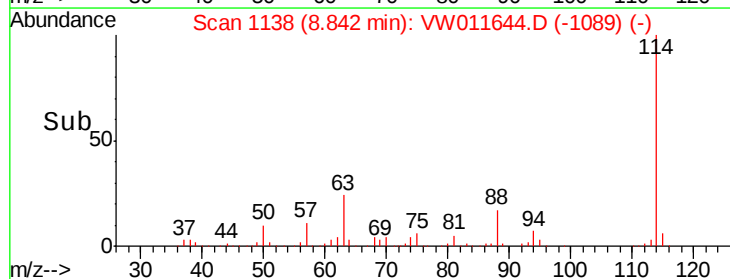
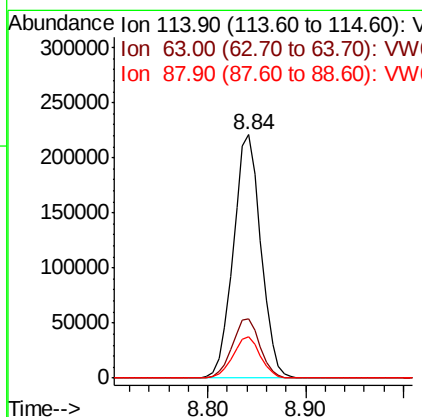
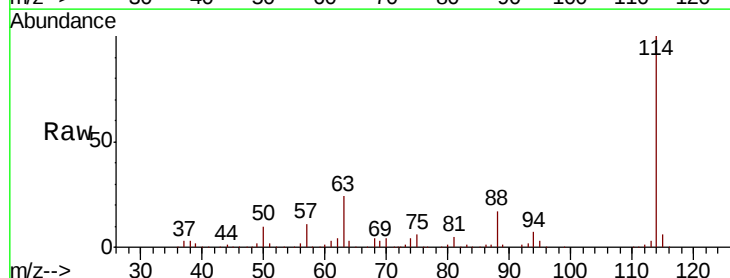
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-D3-(30)

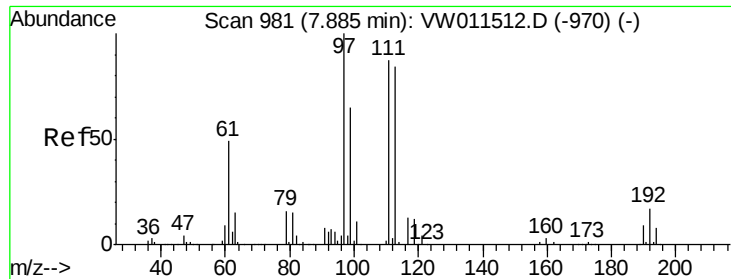
Tot Ion: 65 Resp: 166755
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011644.D
 Acq: 03 Aug 2019 03:00

Tgt Ion: 114 Resp: 432137
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.8 0.0 33.8

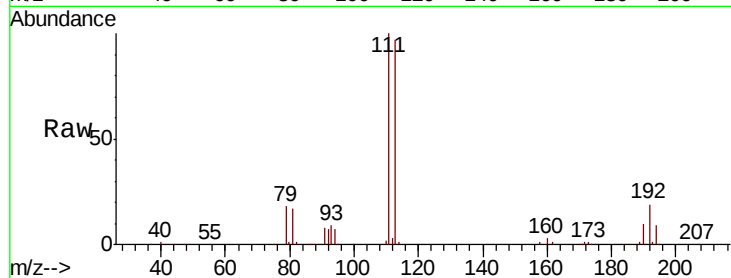




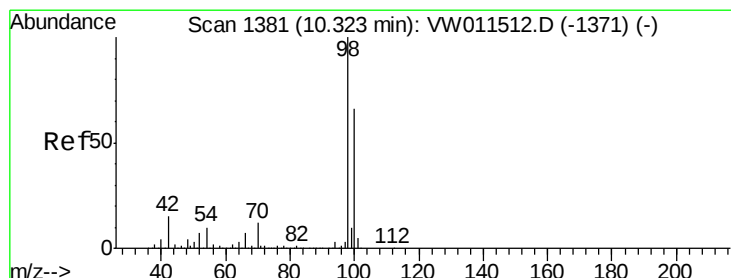
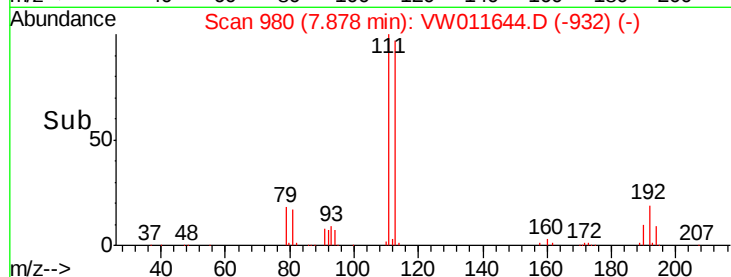
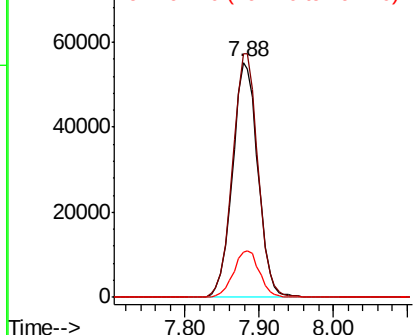
#35
Dibromofluoromethane
Concen: 54.348 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011644.D
Acq: 03 Aug 2019 03:00

Instrument :
MSVOA_W
ClientSampleId :
1S-D3-(30)

Tot Ion:113 Resp: 131759
Ion Ratio Lower Upper
113 100
111 103.7 82.7 124.1
192 20.4 16.1 24.1

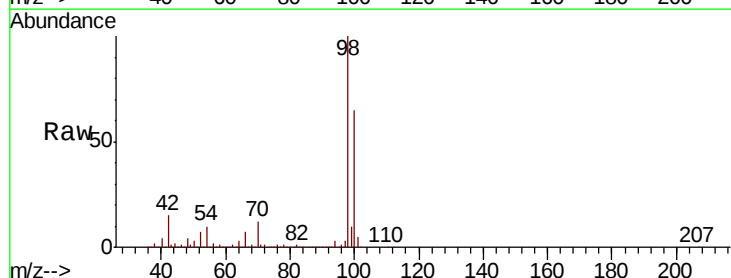


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

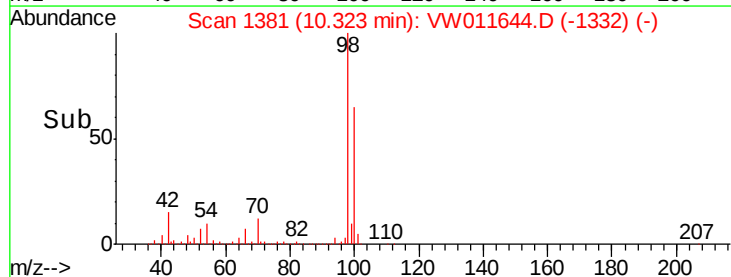
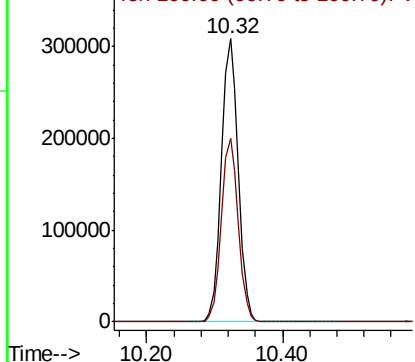


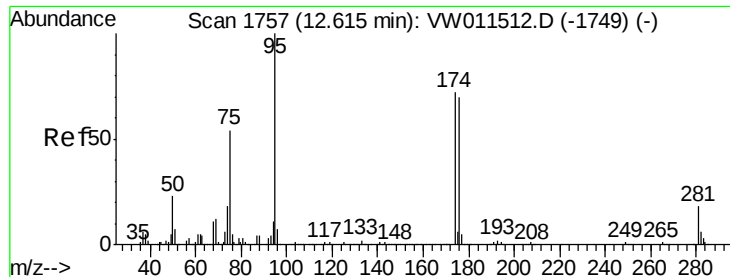
#50
Toluene-d8
Concen: 53.337 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011644.D
Acq: 03 Aug 2019 03:00

Tgt Ion: 98 Resp: 529422
Ion Ratio Lower Upper
98 100
100 64.9 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: 44.978 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011644.D

Acq: 03 Aug 2019 03:00

Instrument :

MSVOA_W

ClientSampleId :

1S-D3-(30)

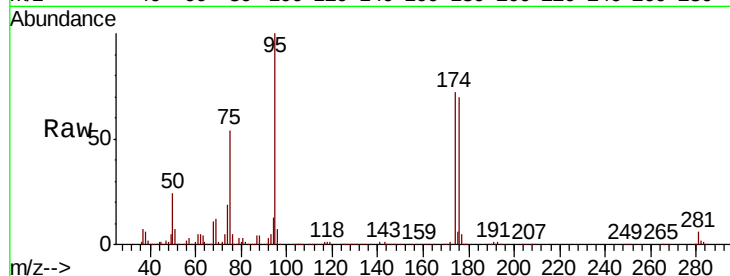
Tot Ion: 95 Resp: 159171

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.2

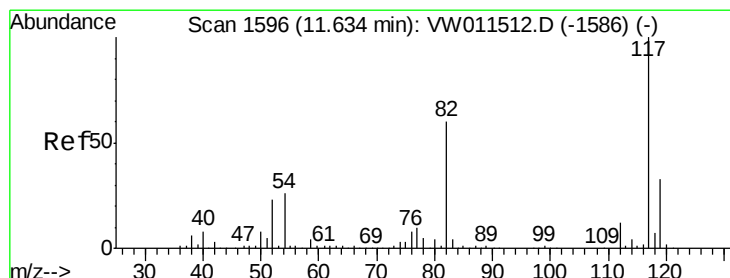
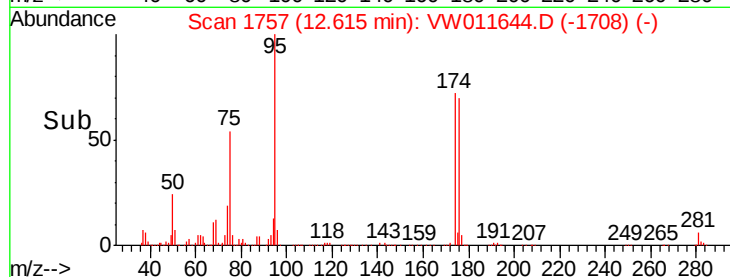
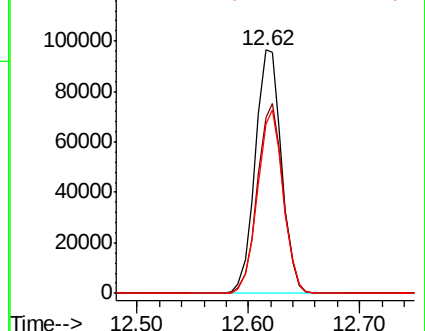
176 73.5 0.0 144.4



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: VW011644.D

Acq: 03 Aug 2019 03:00

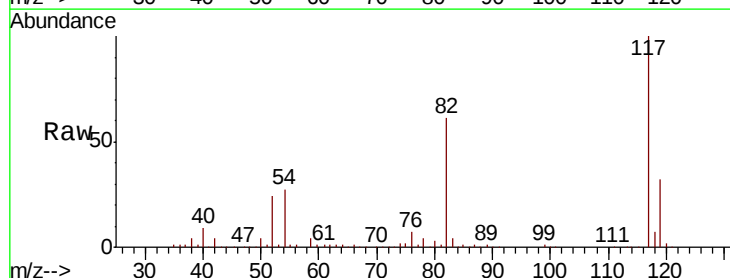
Tgt Ion: 117 Resp: 348503

Ion Ratio Lower Upper

117 100

82 60.6 47.9 71.9

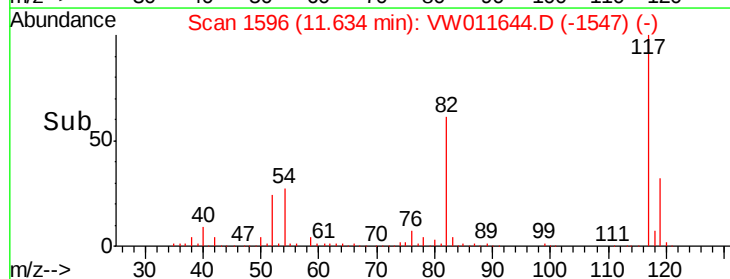
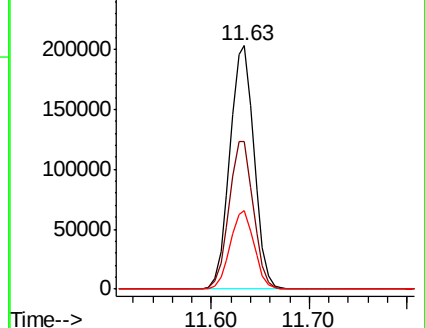
119 32.2 26.2 39.2

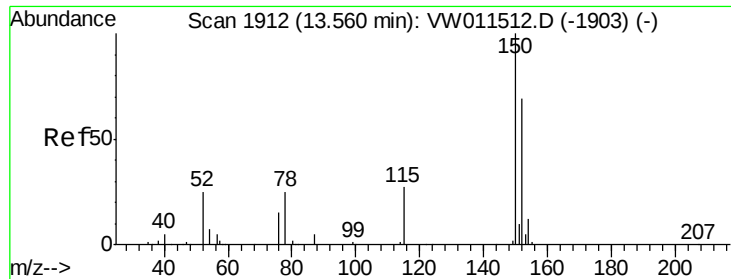


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011644.D

Acq: 03 Aug 2019 03:00

Instrument :

MSVOA_W

ClientSampleId :

1S-D3-(30)

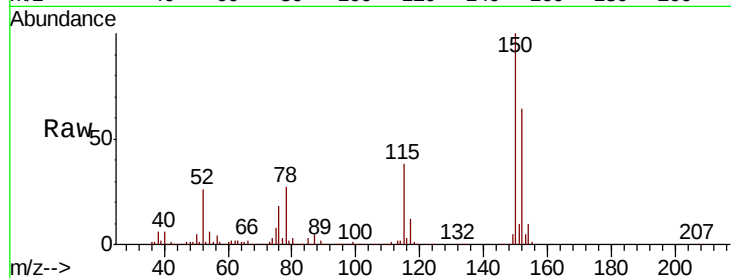
Tot Ion:152 Resp: 129539

Ion Ratio Lower Upper

152 100

115 60.5 30.5 91.5

150 159.7 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

