

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011649.D
 Acq On : 03 Aug 2019 05:09
 Operator : SY/VA
 Sample : K4131-15
 Misc : 6.03G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4(0-1)

Quant Time: Aug 04 01:05:06 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

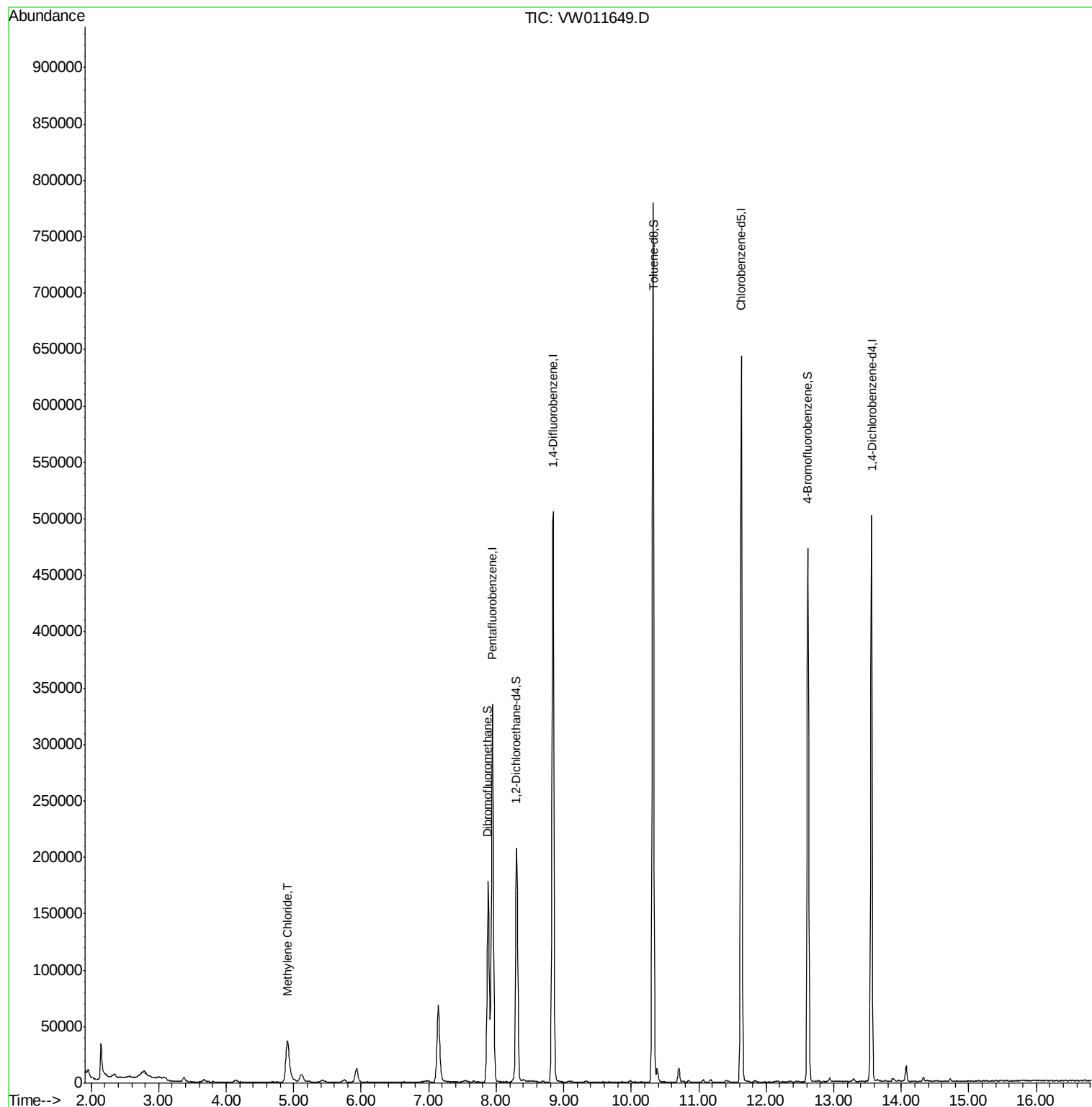
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164494	59.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.74%	
35) Dibromofluoromethane	7.88	113	124663	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
50) Toluene-d8	10.32	98	491272	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	150792	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
20) Methylene Chloride	4.90	84	28275	9.380	ug/l	Qvalue 93

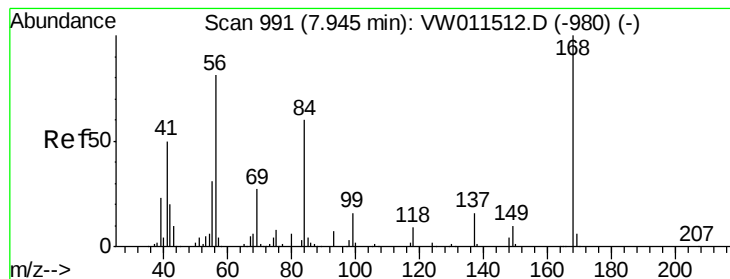
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

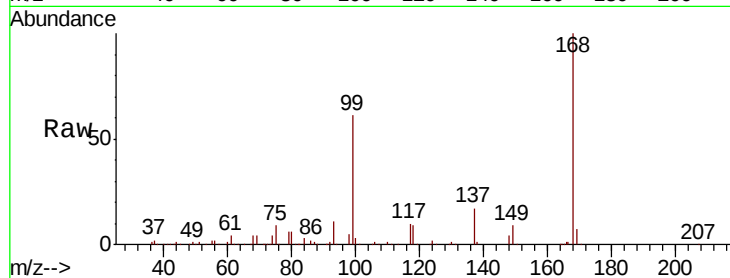
1S-E4-(0-1)

Tot Ion:168 Resp: 239278

Ion Ratio Lower Upper

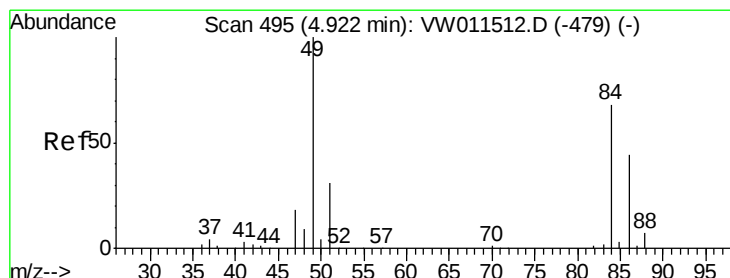
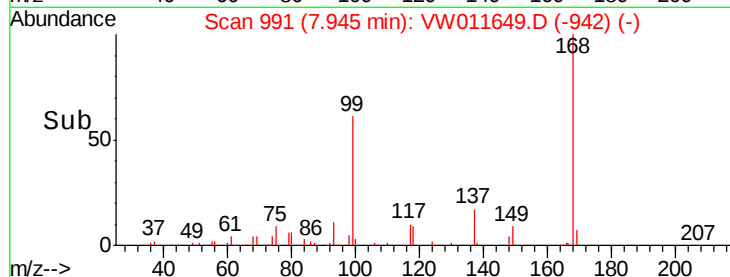
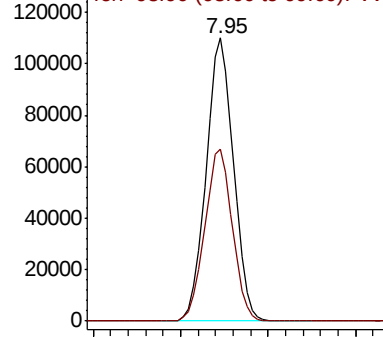
168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 9.380 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW011649.D

Acq: 03 Aug 2019 05:09

Tgt Ion: 84 Resp: 28275

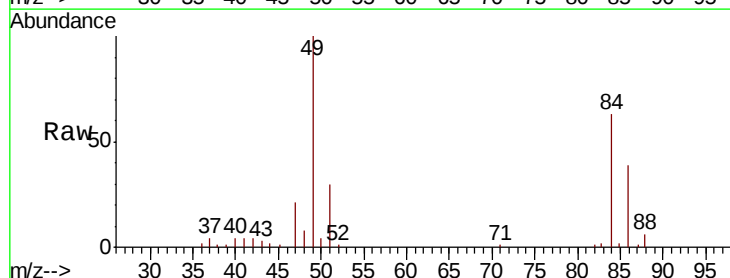
Ion Ratio Lower Upper

84 100

49 159.8 117.8 176.6

51 47.6 37.0 55.4

86 62.5 51.8 77.8

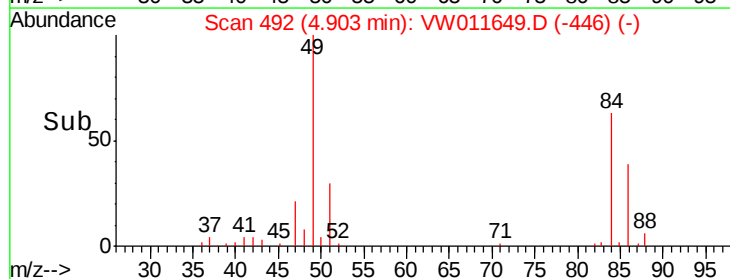
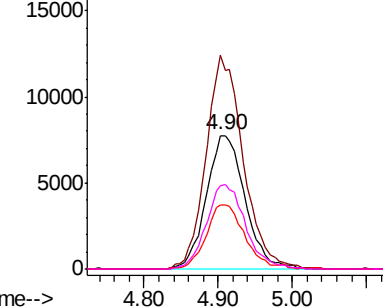


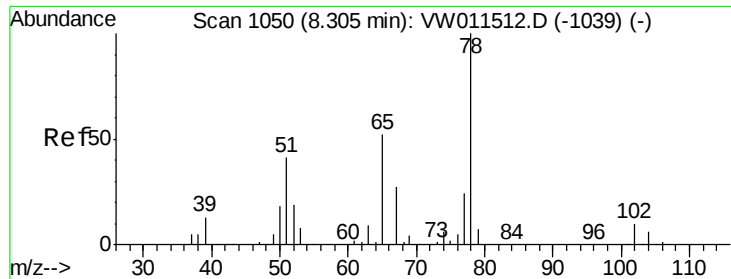
Abundance Ion 83.90 (83.60 to 84.60): VW

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

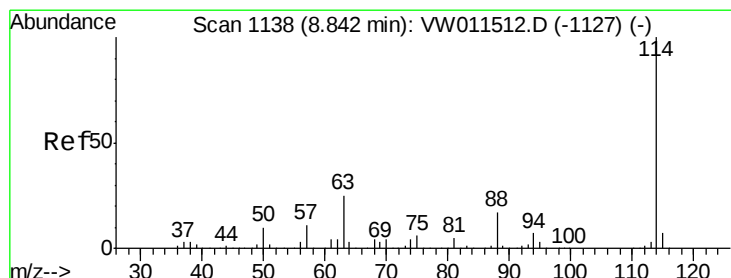
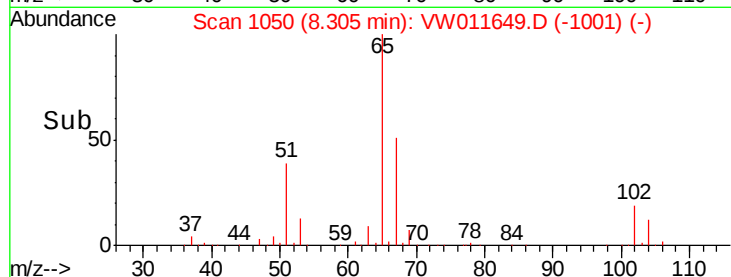
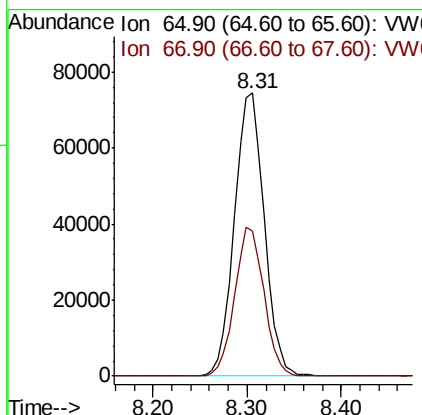
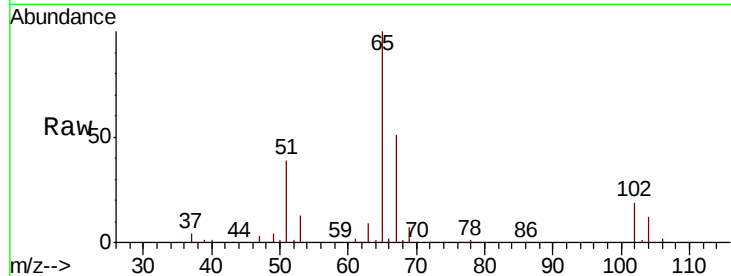




#33
 1,2-Dichloroethane-d4
 Concen: 59.869 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

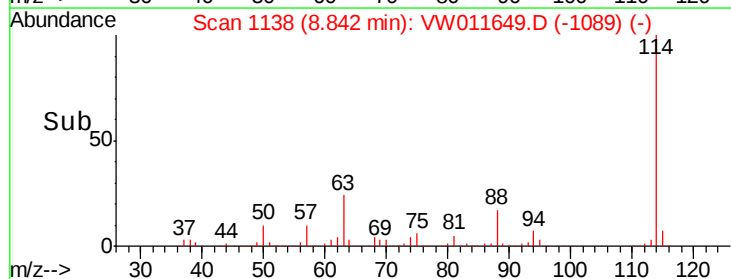
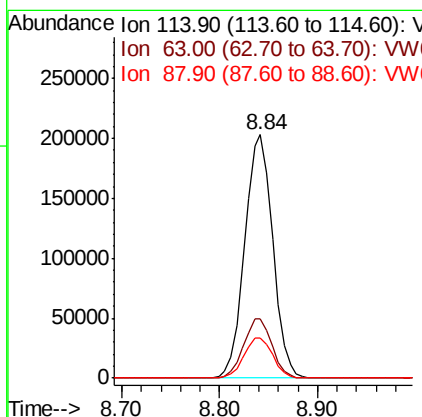
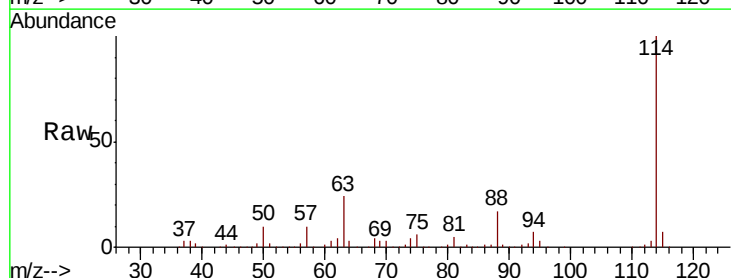
Instrument :
 MSVOA_W
 ClientSampleId :
 1S-E4-(0-1)

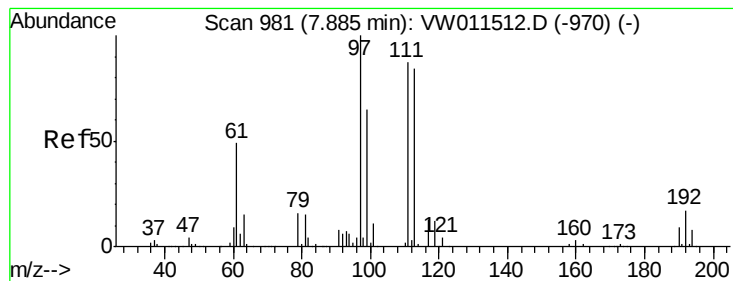
Tot Ion: 65 Resp: 164494
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011649.D
 Acq: 03 Aug 2019 05:09

Tgt Ion: 114 Resp: 402540
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.202 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

1S-E4(0-1)

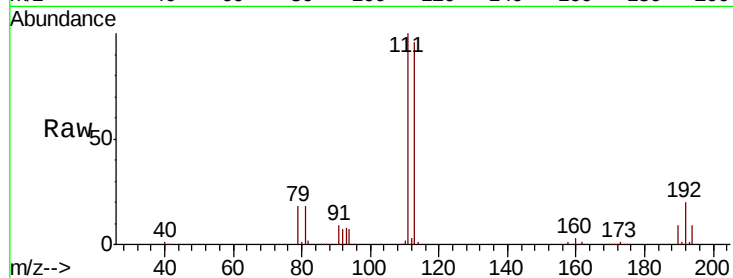
Tot Ion:113 Resp: 124663

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

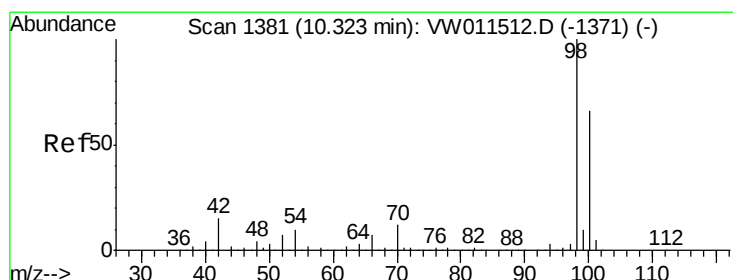
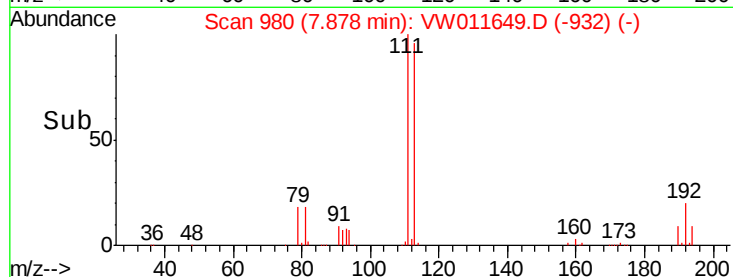
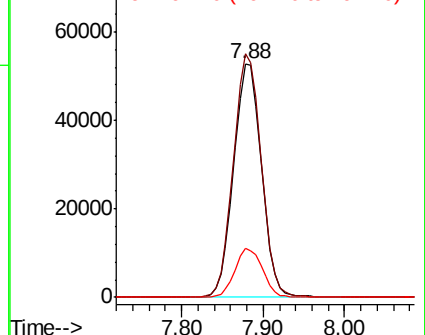
192 20.5 16.1 24.1



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: 53.132 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011649.D

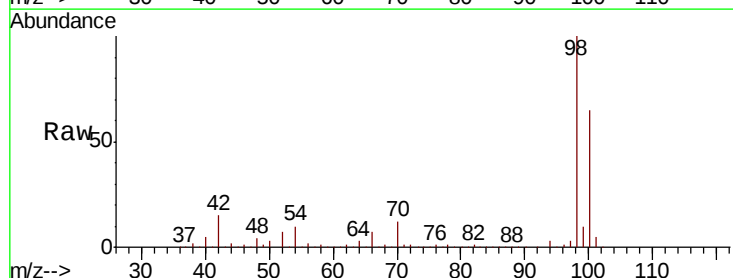
Acq: 03 Aug 2019 05:09

Tgt Ion: 98 Resp: 491272

Ion Ratio Lower Upper

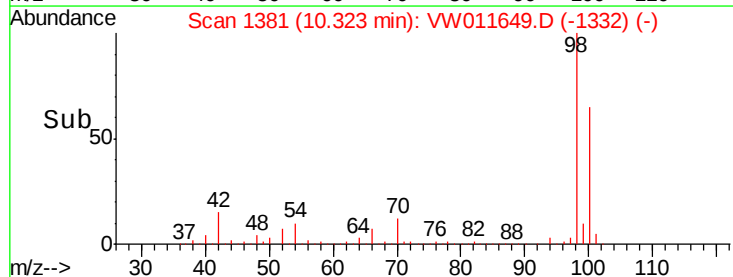
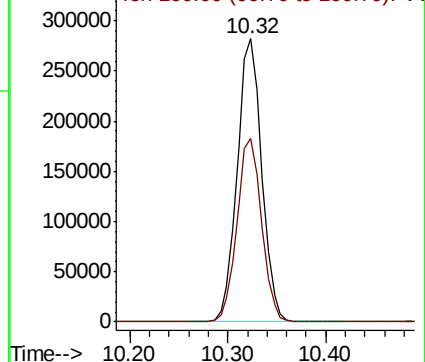
98 100

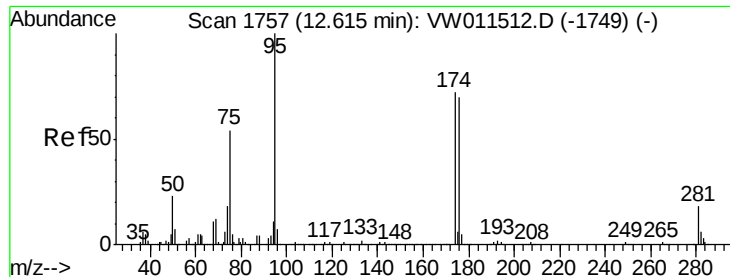
100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

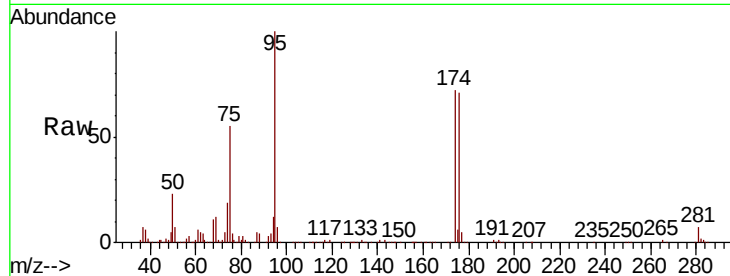




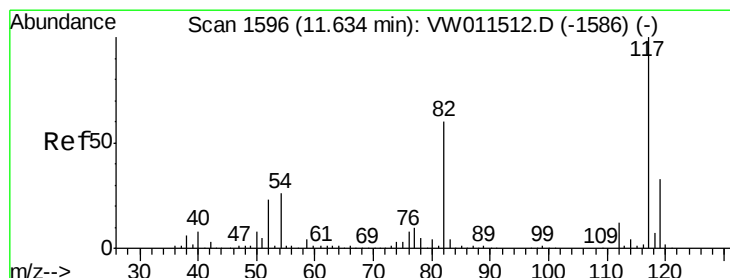
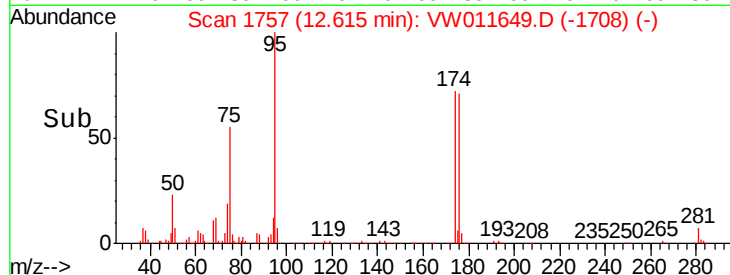
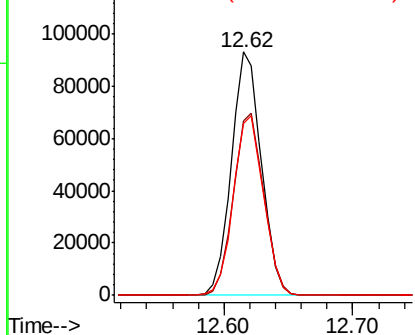
#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

Instrument :
MSVOA_W
ClientSampleId :
1S-E4-(0-1)

Tot Ion: 95 Resp: 150792
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.2
176 74.7 0.0 144.4

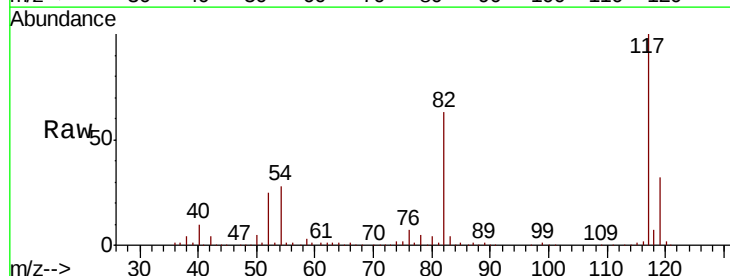


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

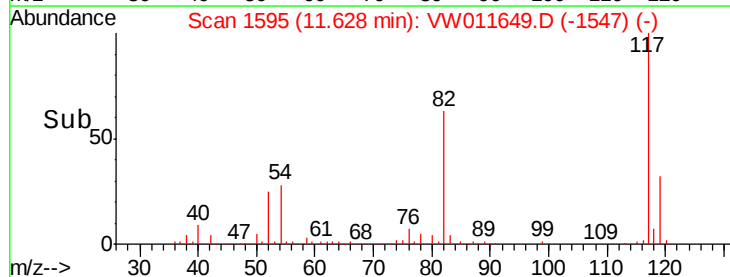
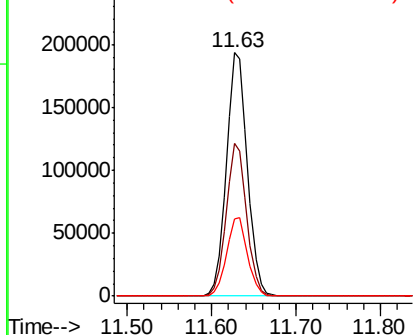


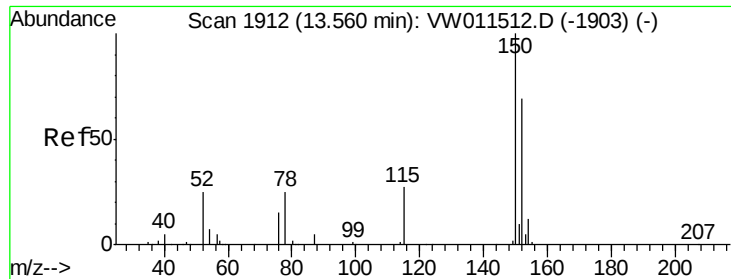
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011649.D
Acq: 03 Aug 2019 05:09

Tgt Ion: 117 Resp: 327223
Ion Ratio Lower Upper
117 100
82 62.9 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: VW011649.D

Acq: 03 Aug 2019 05:09

Instrument :

MSVOA_W

ClientSampleId :

1S-E4-(0-1)

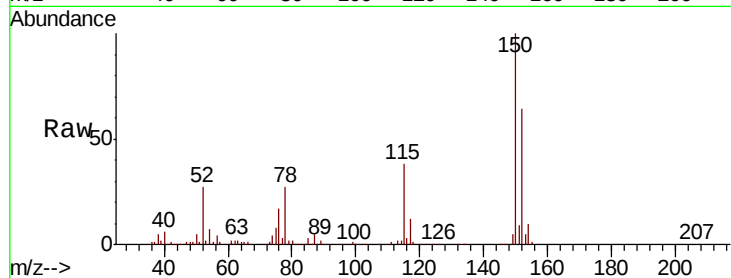
Tot Ion:152 Resp: 125598

Ion Ratio Lower Upper

152 100

115 60.3 30.5 91.5

150 158.3 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

