

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011984.D
 Acq On : 19 Aug 2019 12:05
 Operator : SY/VA
 Sample : K4385-04
 Misc : 5.91G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T8-A3-(0)

Quant Time: Aug 19 12:50:11 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

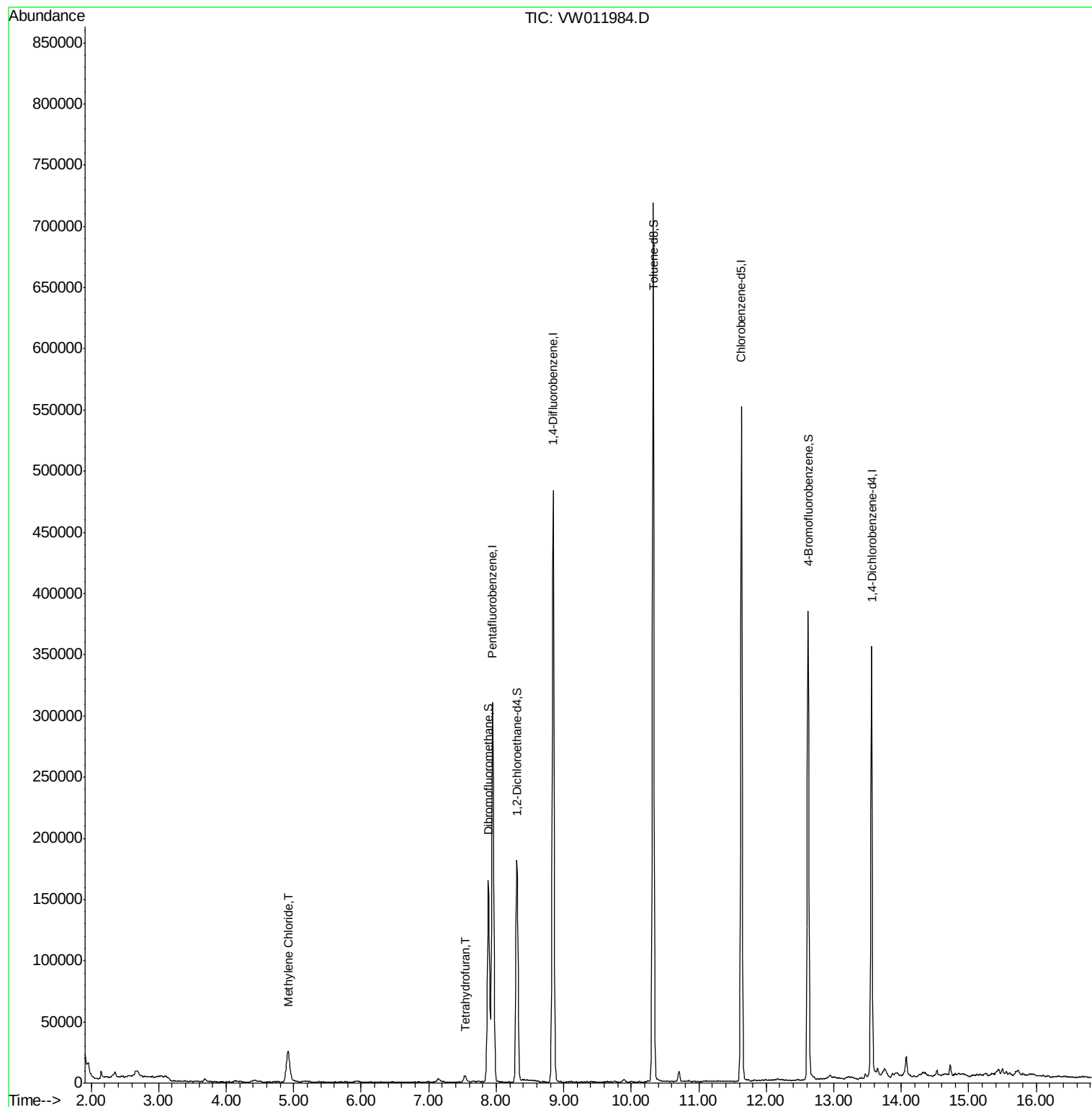
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	382123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	291843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143632	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
35) Dibromofluoromethane	7.88	113	118357	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
50) Toluene-d8	10.32	98	450917	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.62	95	124282	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.44%	
Target Compounds						
20) Methylene Chloride	4.92	84	20219	6.941	ug/l	99
29) Tetrahydrofuran	7.54	42	5073	8.030	ug/l	98

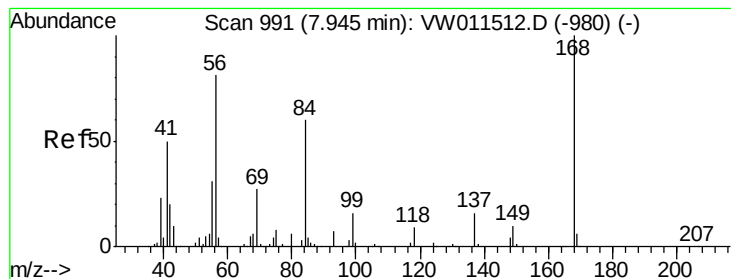
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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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# 992

Delta R.T. 0.01 min

Lab File: VW011984.D

Acq: 19 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

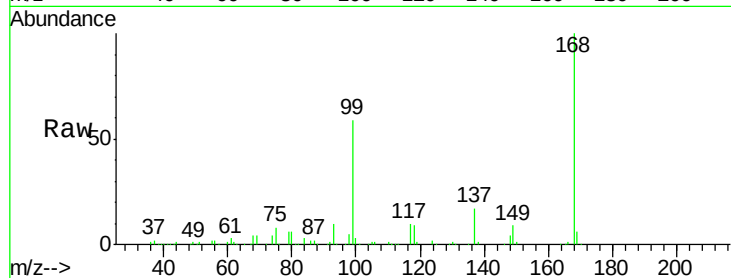
T8-A3-(0)

Tot Ion:168 Resp: 231225

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

40000

20000

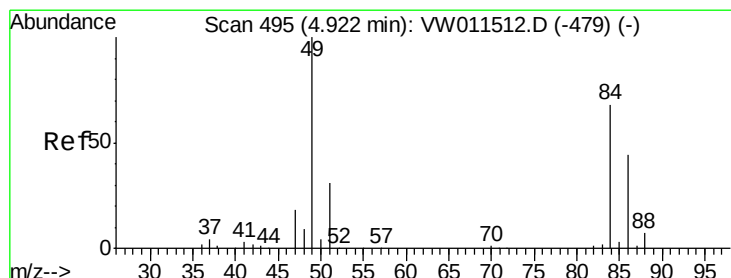
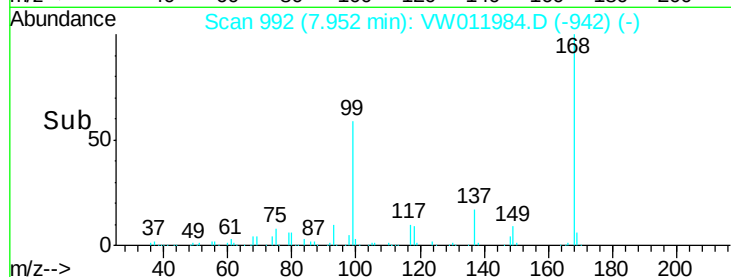
0

7.90

8.00

8.10

Time-->



#20

Methylene Chloride

Concen: 6.941 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011984.D

Acq: 19 Aug 2019 12:05

Tgt Ion: 84 Resp: 20219

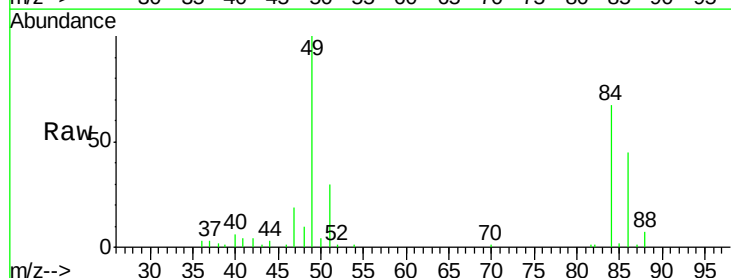
Ion Ratio Lower Upper

84 100

49 148.1 117.8 176.6

51 44.3 37.0 55.4

86 66.4 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

12000

10000

8000

6000

4000

2000

0

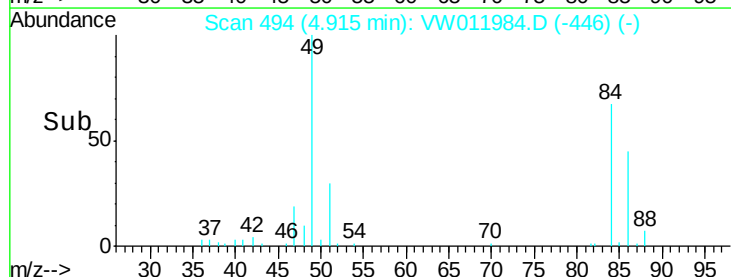
4.80

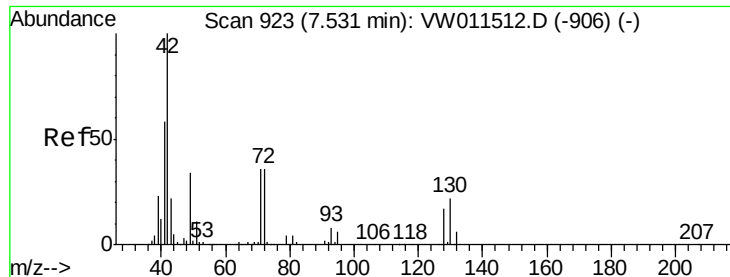
4.90

5.00

5.10

Time-->

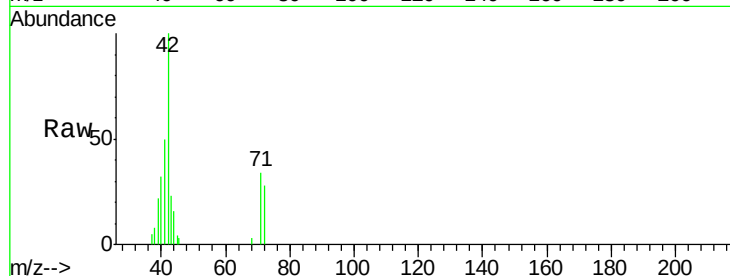




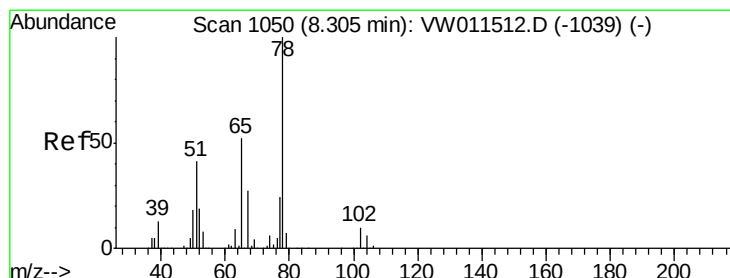
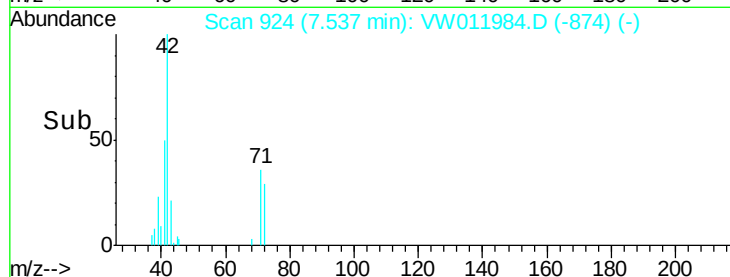
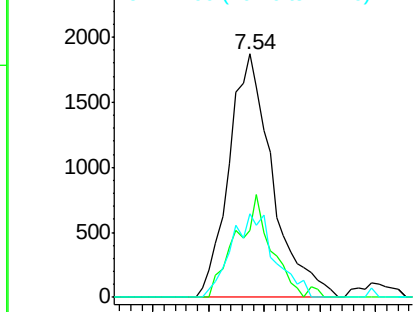
#29
Tetrahydrofuran
Concen: 8.030 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
T8-A3-(0)

Tot Ion: 42 Resp: 5073
Ion Ratio Lower Upper
42 100
72 33.6 27.1 40.7
71 34.5 26.2 39.4

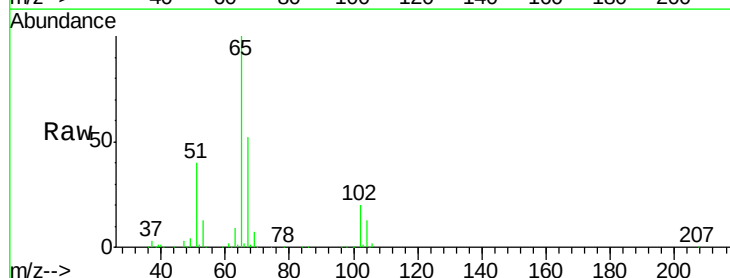


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

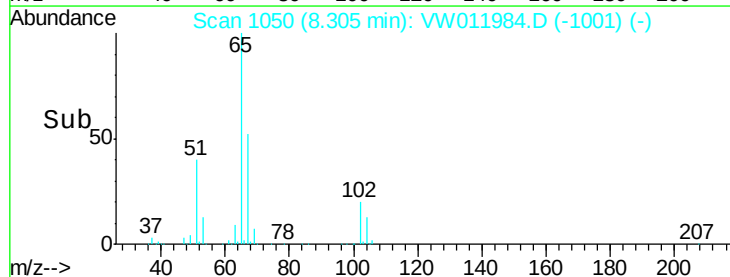
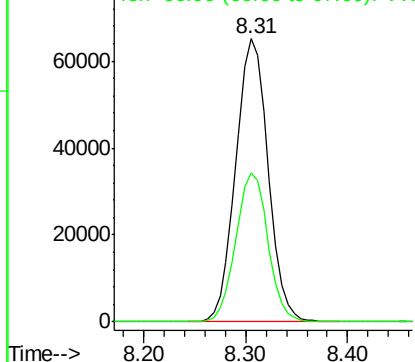


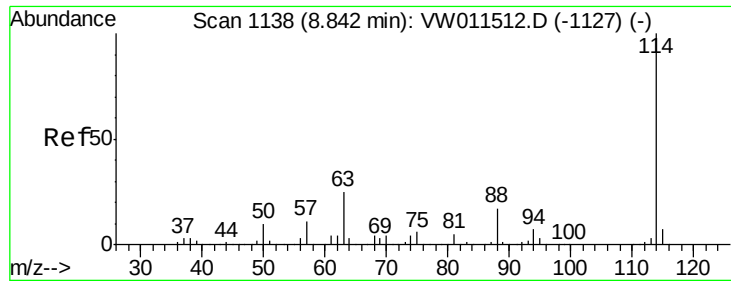
#33
1,2-Dichloroethane-d4
Concen: 54.097 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

Tgt Ion: 65 Resp: 143632
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011984.D

Acq: 19 Aug 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

T8-A3-(0)

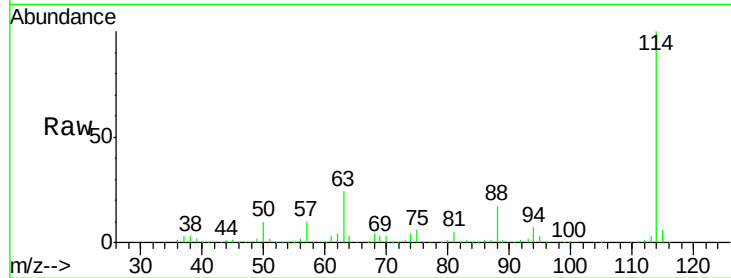
Tot Ion:114 Resp: 382123

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

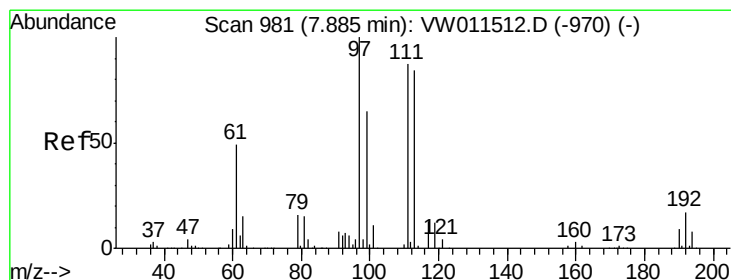
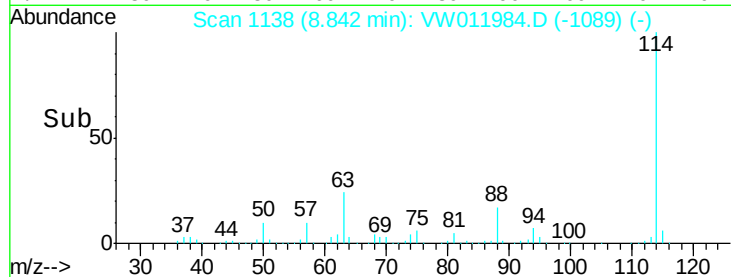
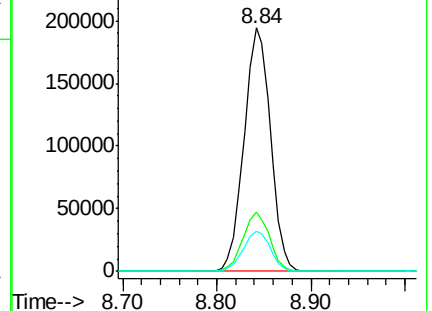
88 16.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 55.210 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011984.D

Acq: 19 Aug 2019 12:05

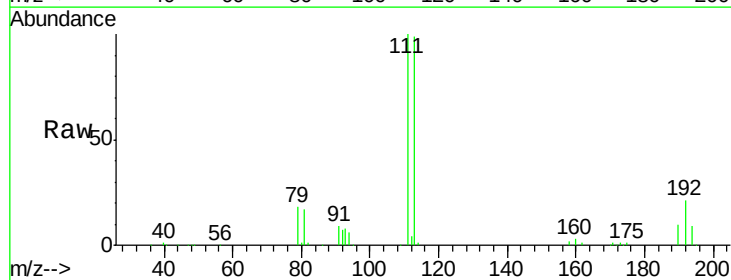
Tgt Ion:113 Resp: 118357

Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

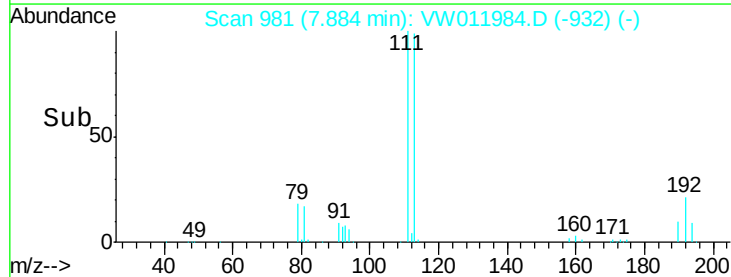
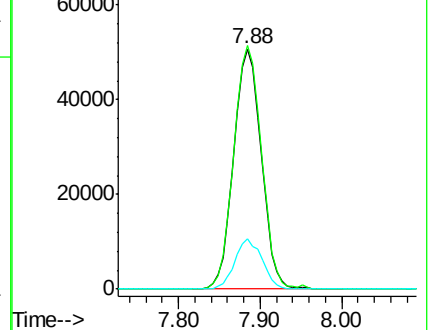
192 20.6 16.1 24.1

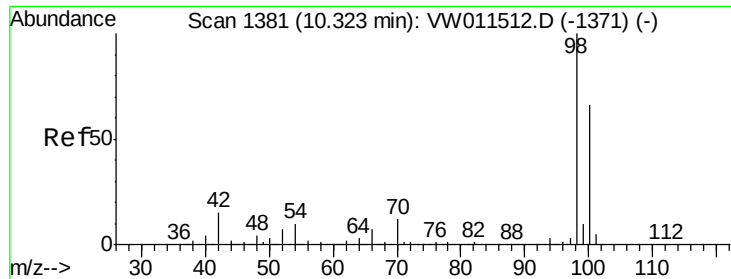


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

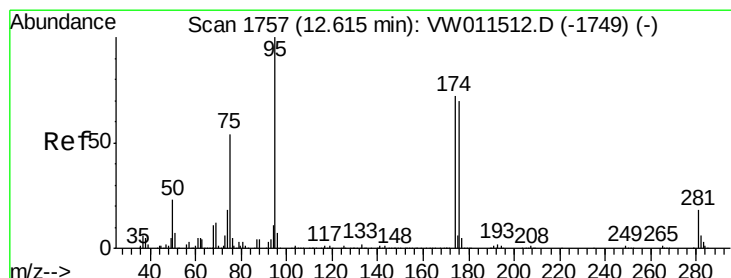
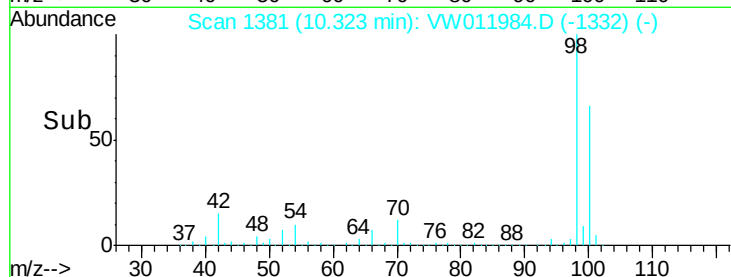
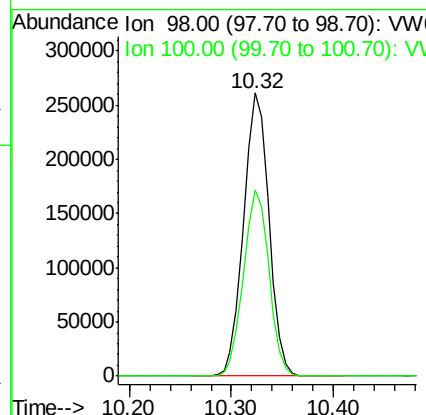
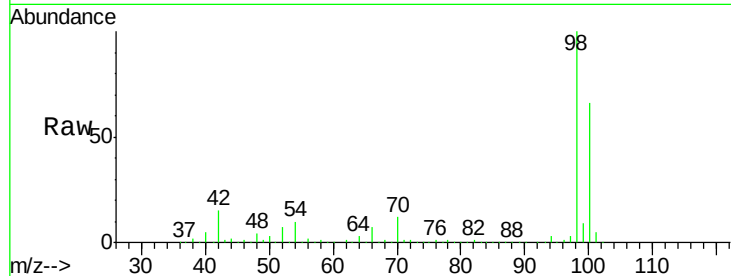




#50
Toluene-d8
Concen: 51.373 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

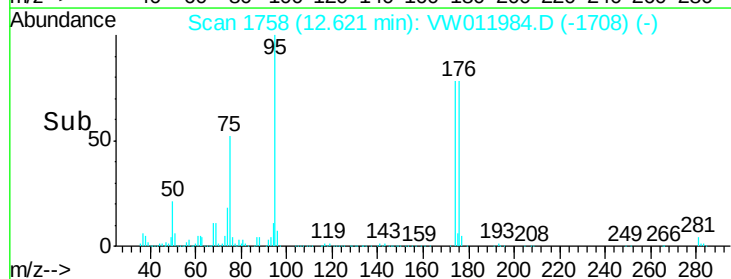
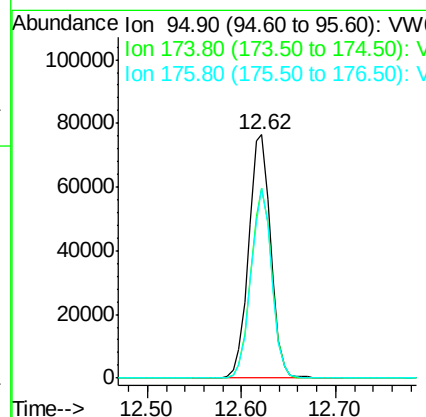
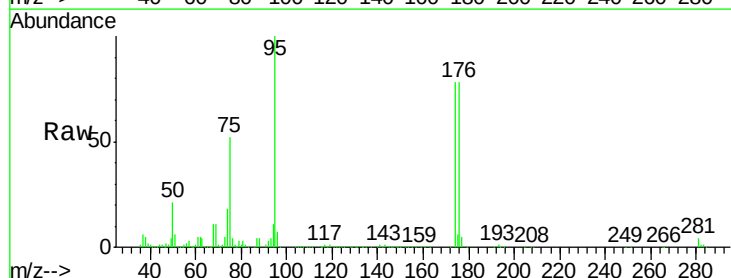
Instrument :
MSVOA_W
ClientSampled :
T8-A3-(0)

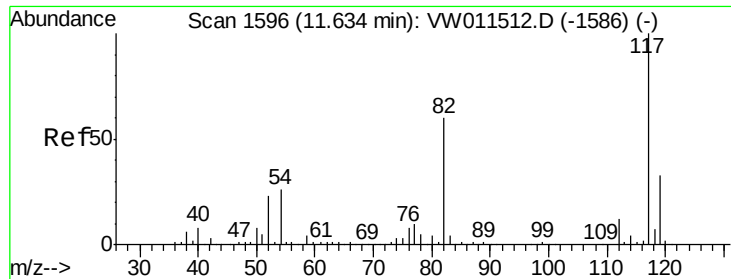
Tot Ion: 98 Resp: 450917
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 39.716 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

Tgt Ion: 95 Resp: 124282
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 73.5 0.0 144.4

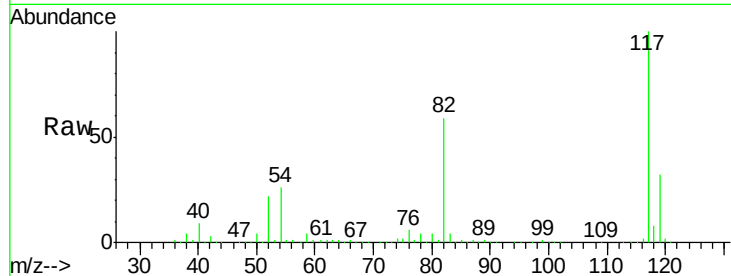




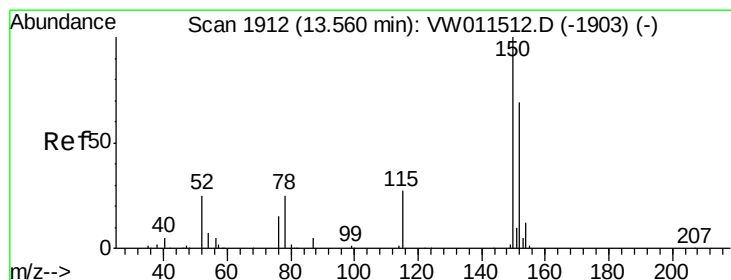
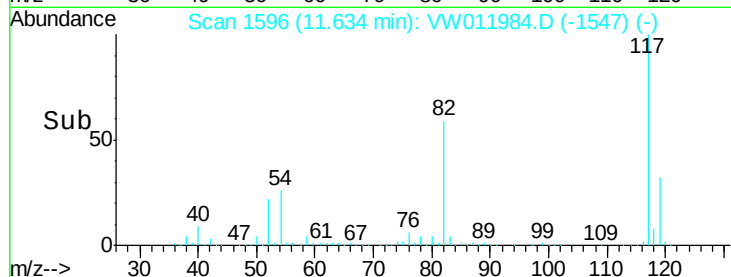
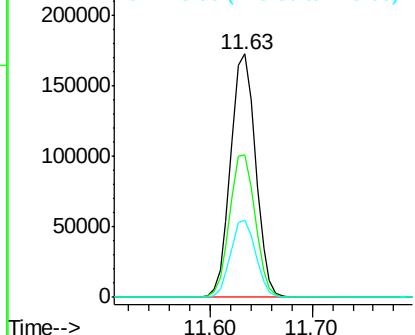
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
T8-A3-(0)

Tot Ion:117 Resp: 291843
Ion Ratio Lower Upper
117 100
82 58.7 47.9 71.9
119 31.7 26.2 39.2

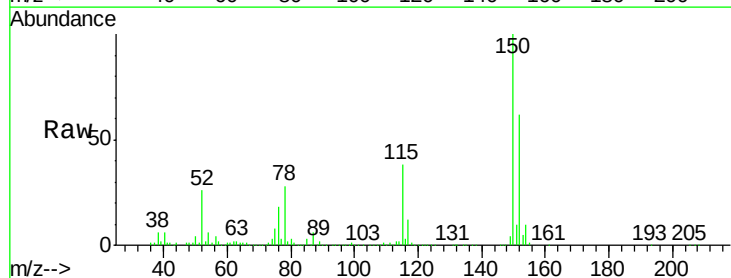


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011984.D
Acq: 19 Aug 2019 12:05

Tgt Ion:152 Resp: 85181
Ion Ratio Lower Upper
152 100
115 60.7 30.5 91.5
150 158.8 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

