

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012051.D
 Acq On : 21 Aug 2019 00:49
 Operator : SY/VA
 Sample : K4387-16
 Misc : 6.19G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A3-(2)

Quant Time: Aug 21 02:26:01 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

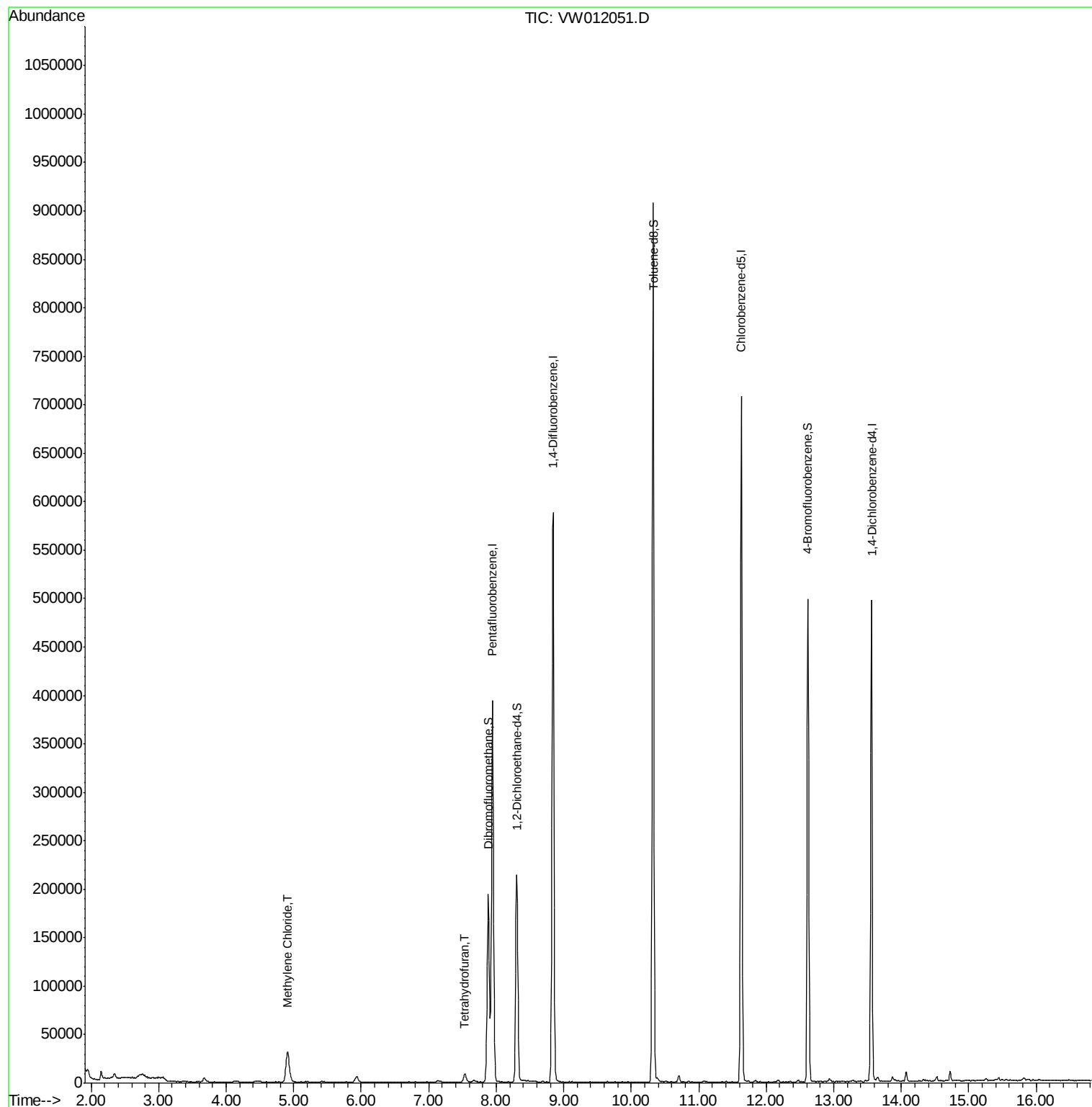
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	282326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	466487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	172124	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	7.88	113	140438	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	10.32	98	567610	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.62	95	161424	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
Target Compounds						
20) Methylene Chloride	4.91	84	23965	6.738	ug/l	98
29) Tetrahydrofuran	7.53	42	7522	9.752	ug/l #	83

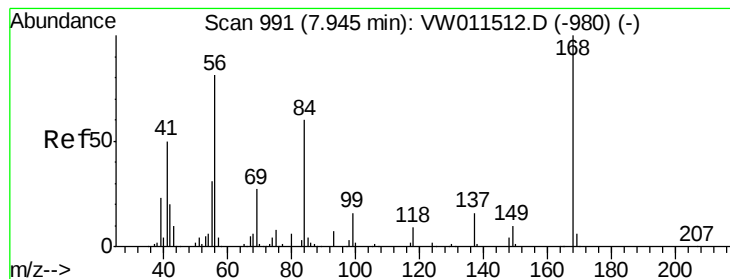
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.00 min

Lab File: VW012051.D

Acq: 21 Aug 2019 00:49

Instrument :

MSVOA_W

ClientSampleId :

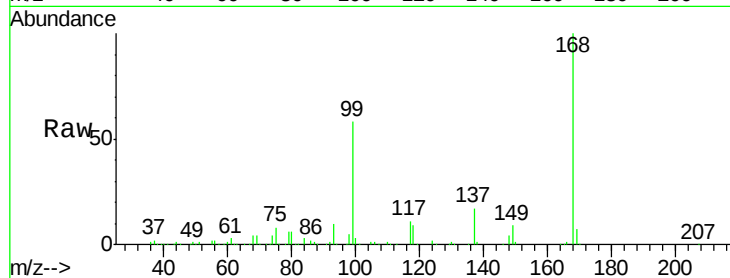
T4-A3-(2)

Tot Ion:168 Resp: 282326

Ion Ratio Lower Upper

168 100

99 58.2 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

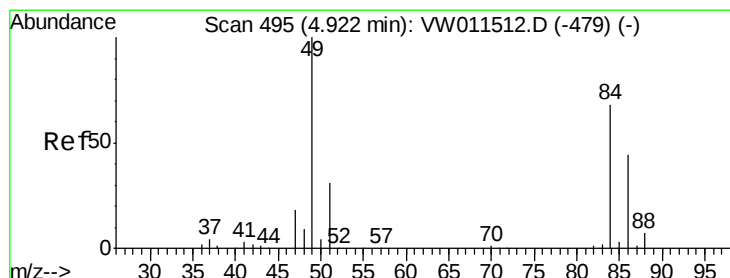
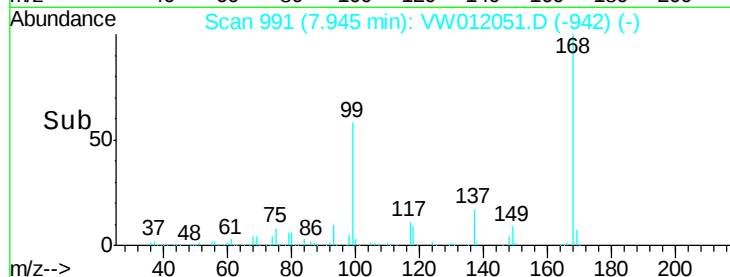
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 6.738 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012051.D

Acq: 21 Aug 2019 00:49

Tgt Ion: 84 Resp: 23965

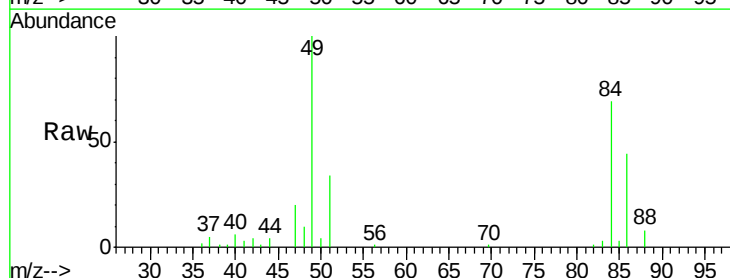
Ion Ratio Lower Upper

84 100

49 144.9 117.8 176.6

51 49.4 37.0 55.4

86 63.9 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

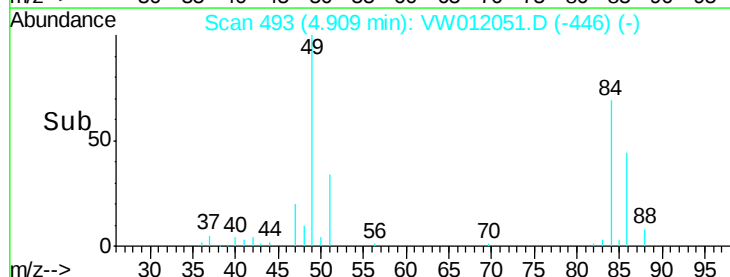
15000

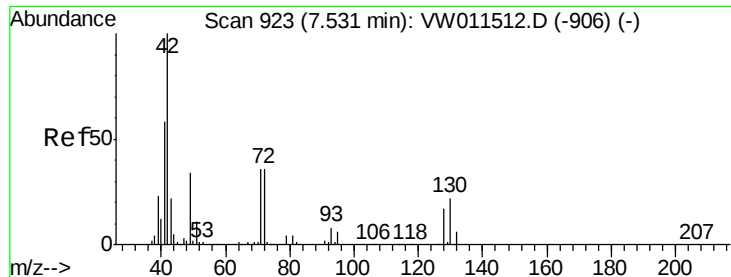
10000

5000

0

Time--> 4.80 4.90 5.00

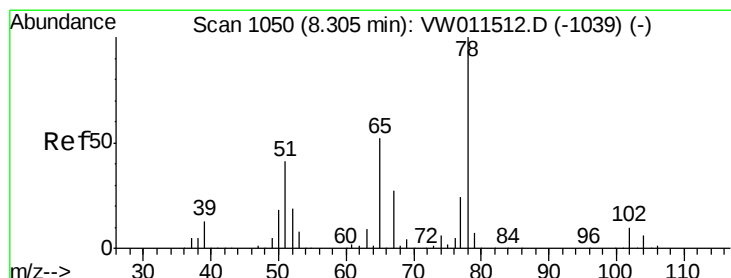
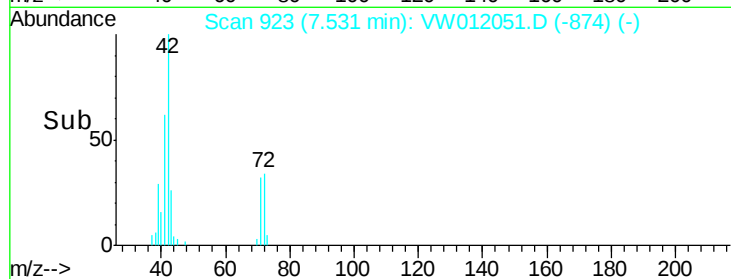
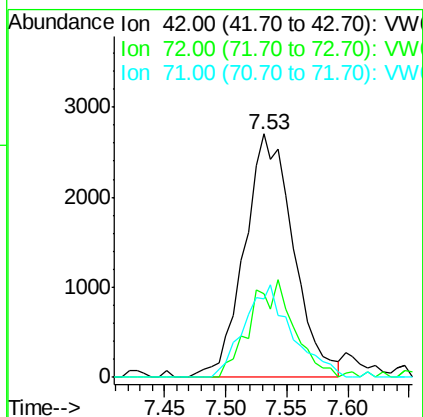
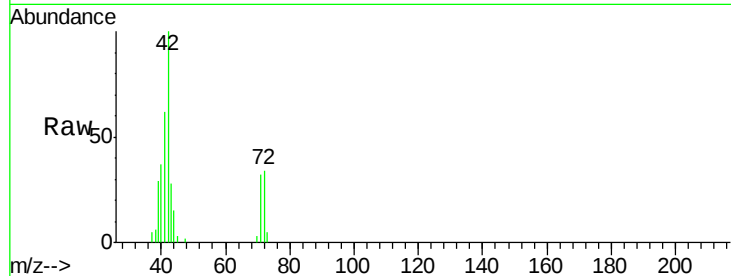




#29
Tetrahydrofuran
Concen: 9.752 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012051.D
Acq: 21 Aug 2019 00:49

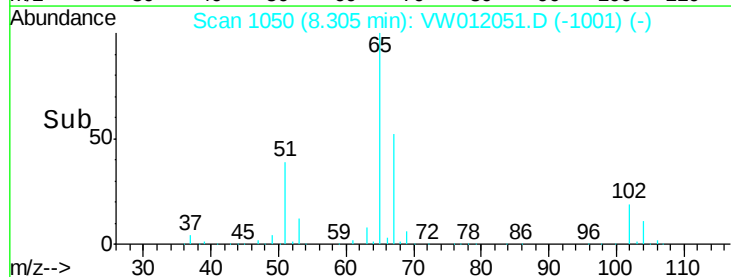
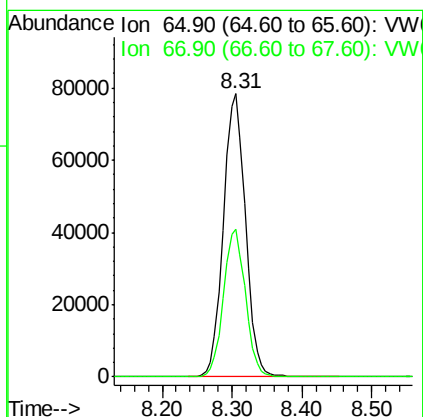
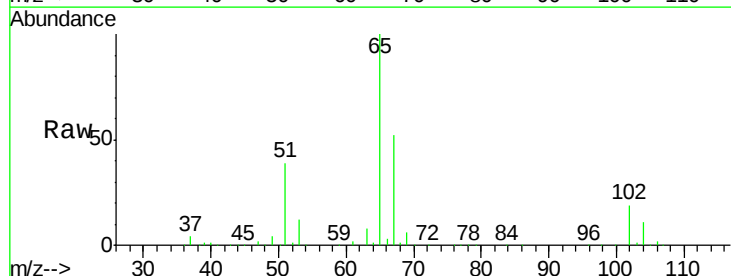
Instrument :
MSVOA_W
ClientSampleId :
T4-A3-(2)

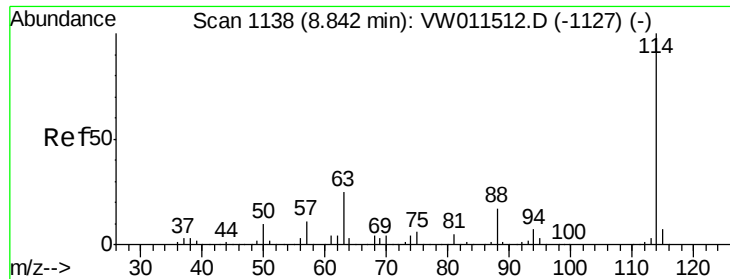
Tot Ion: 42 Resp: 7522
Ion Ratio Lower Upper
42 100
72 19.1 27.1 40.7#
71 36.9 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.094 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012051.D
Acq: 21 Aug 2019 00:49

Tgt Ion: 65 Resp: 172124
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2

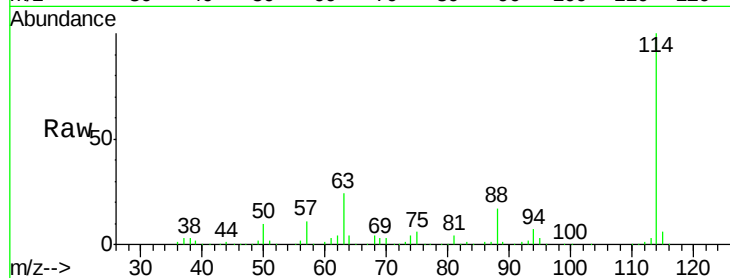




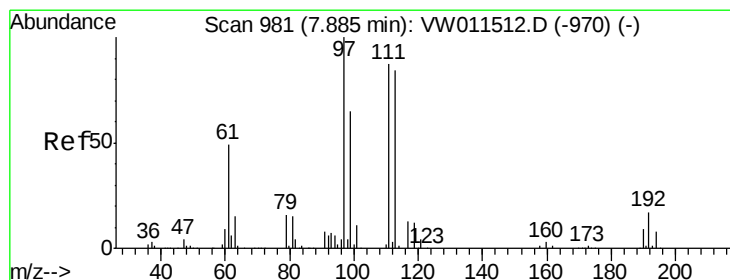
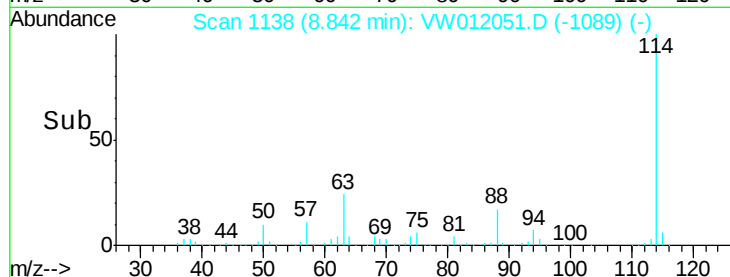
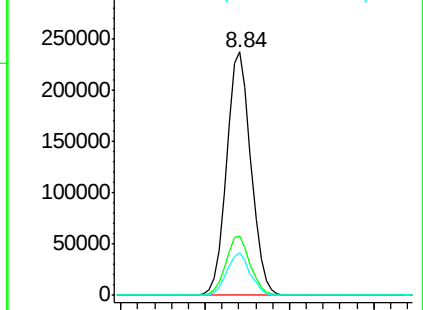
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012051.D
 Acq: 21 Aug 2019 00:49

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A3-(2)

Tot Ion:114 Resp: 466487
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 49.2
 88 17.4 0.0 33.8

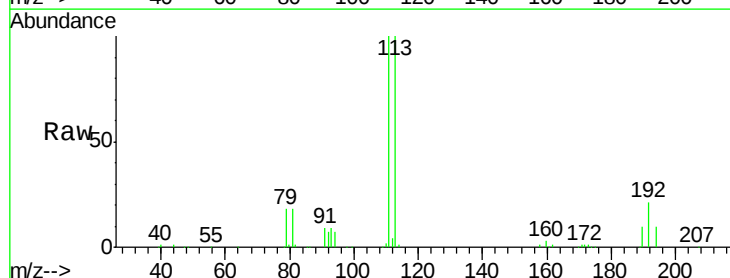


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

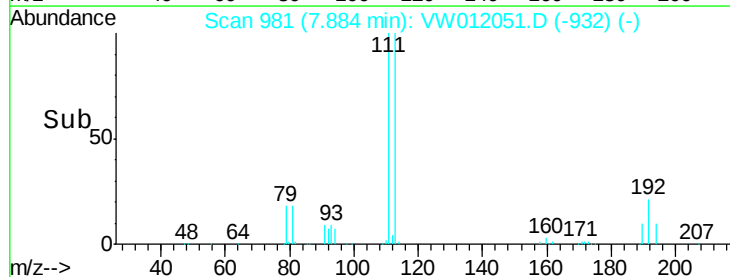
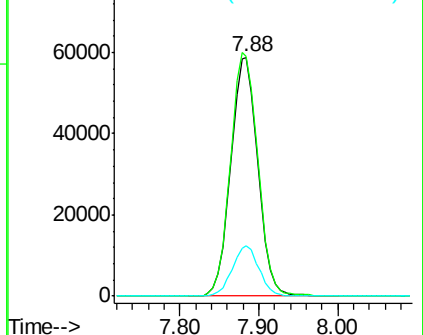


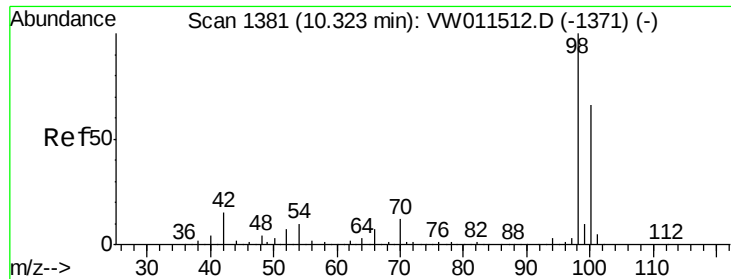
#35
 Dibromofluoromethane
 Concen: 53.662 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012051.D
 Acq: 21 Aug 2019 00:49

Tgt Ion:113 Resp: 140438
 Ion Ratio Lower Upper
 113 100
 111 103.1 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: 52.973 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012051.D

Acq: 21 Aug 2019 00:49

Instrument :

MSVOA_W

ClientSampleId :

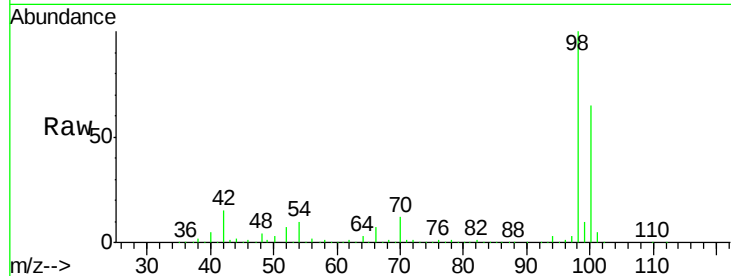
T4-A3-(2)

Tot Ion: 98 Resp: 567610

Ion Ratio Lower Upper

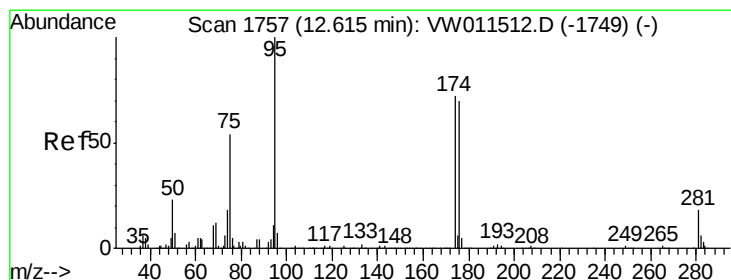
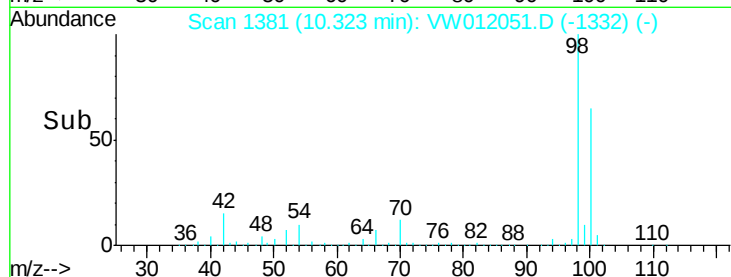
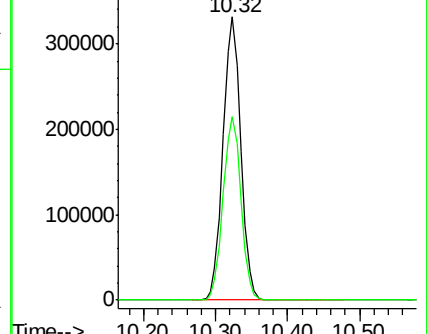
98 100

100 65.4 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: 42.256 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012051.D

Acq: 21 Aug 2019 00:49

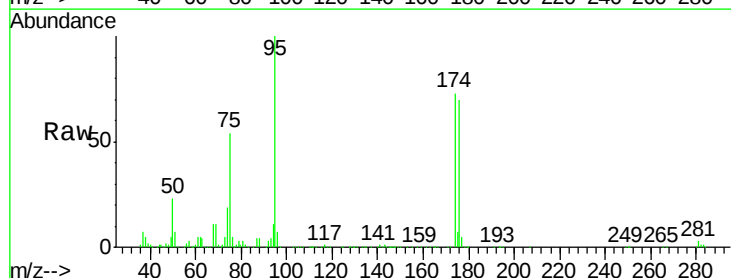
Tgt Ion: 95 Resp: 161424

Ion Ratio Lower Upper

95 100

174 77.6 0.0 150.2

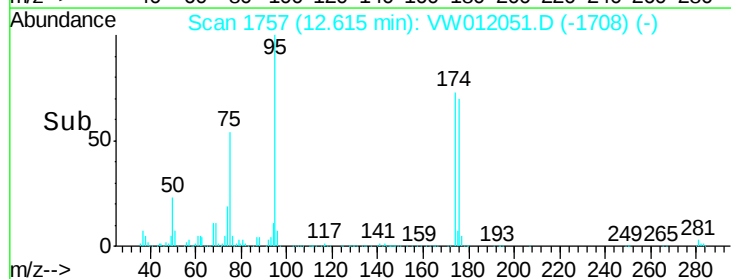
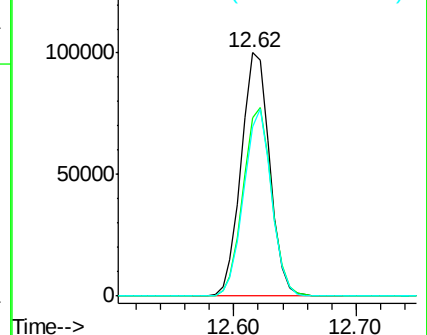
176 75.1 0.0 144.4

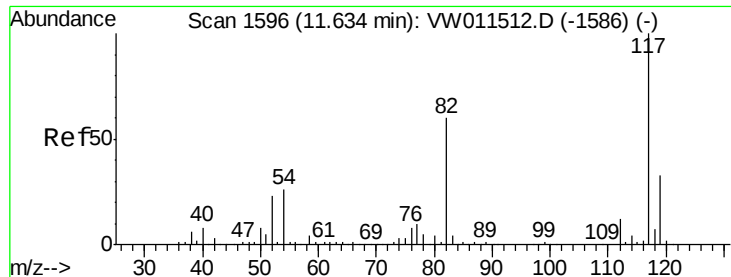


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

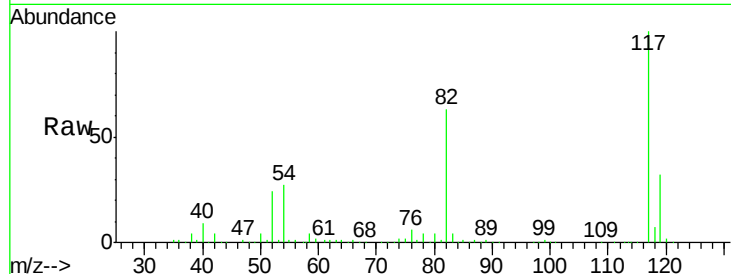




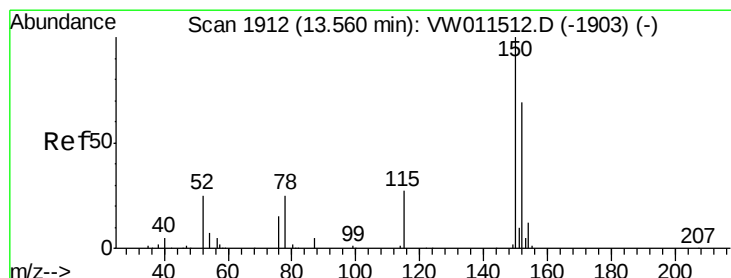
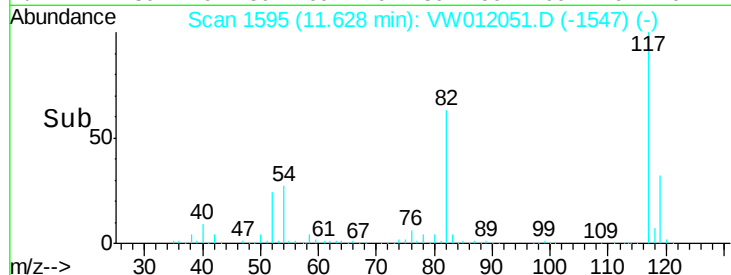
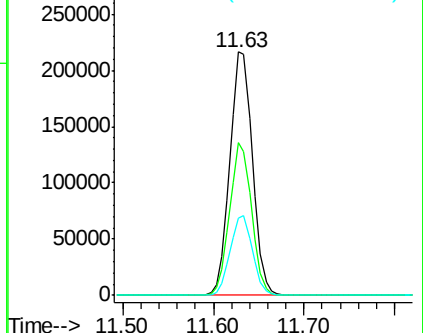
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012051.D
Acq: 21 Aug 2019 00:49

Instrument :
MSVOA_W
ClientSampled :
T4-A3-(2)

Tot Ion:117 Resp: 374728
Ion Ratio Lower Upper
117 100
82 62.6 47.9 71.9
119 31.5 26.2 39.2

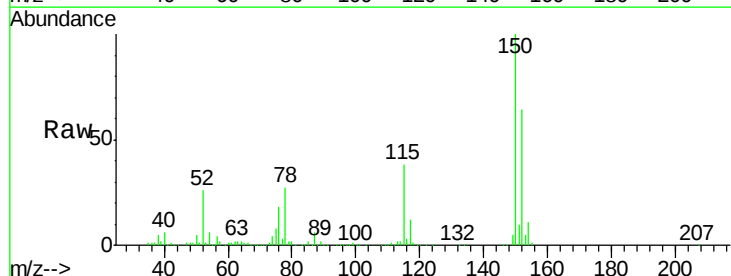


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012051.D
Acq: 21 Aug 2019 00:49

Tgt Ion:152 Resp: 125680
Ion Ratio Lower Upper
152 100
115 59.8 30.5 91.5
150 155.7 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

