

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012800.D
 Acq On : 09 Sep 2019 05:07
 Operator : SY/VA
 Sample : K4623-12
 Misc : 3.48G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D4-(0)

Quant Time: Sep 09 07:53:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

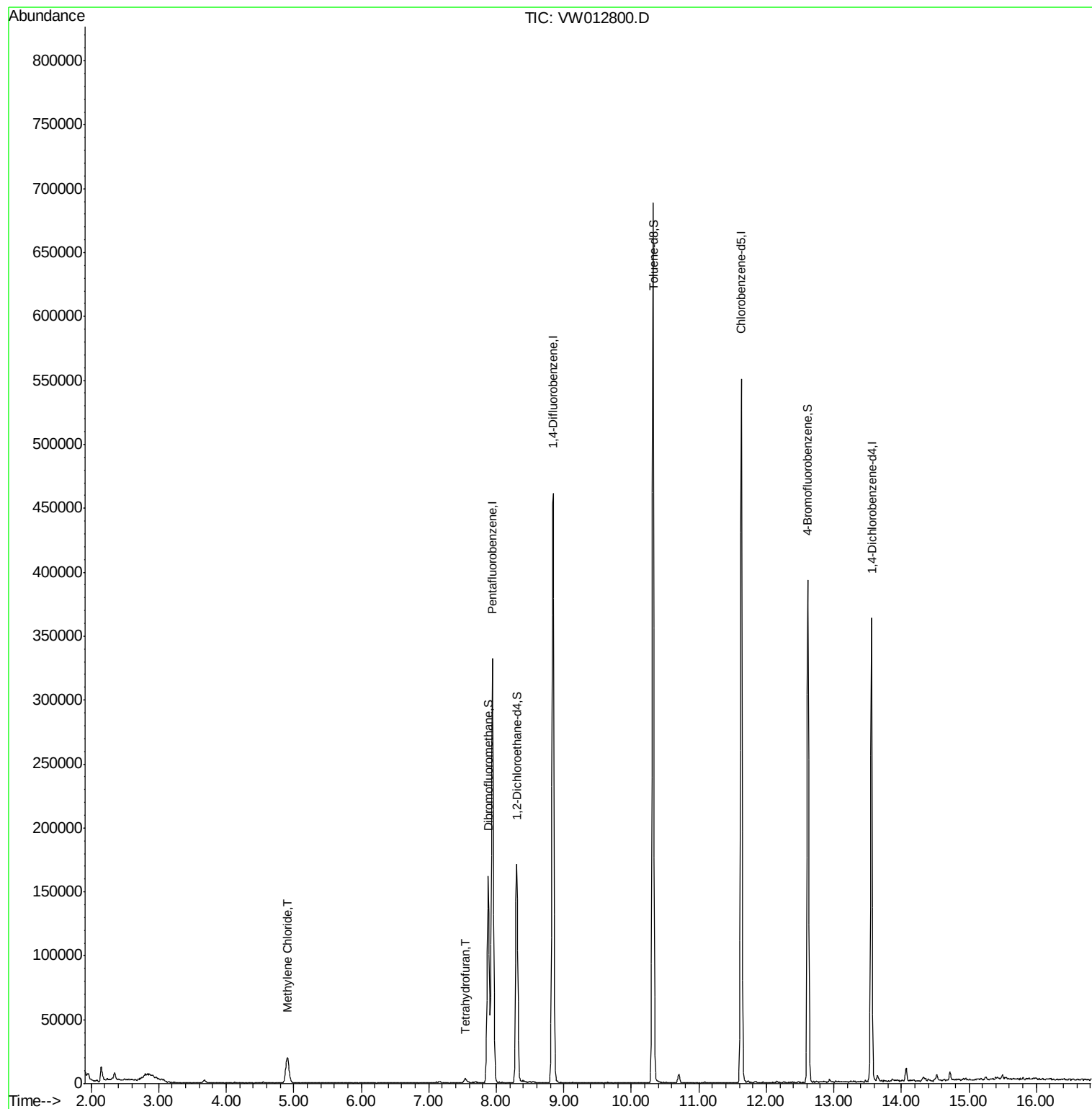
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	93575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	143889	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
35) Dibromofluoromethane	7.88	113	112755	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	10.32	98	449228	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.61	95	123624	38.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.96%	
Target Compounds						
20) Methylene Chloride	4.90	84	15477	6.521	ug/l	88
29) Tetrahydrofuran	7.54	42	3037	4.958	ug/l	93

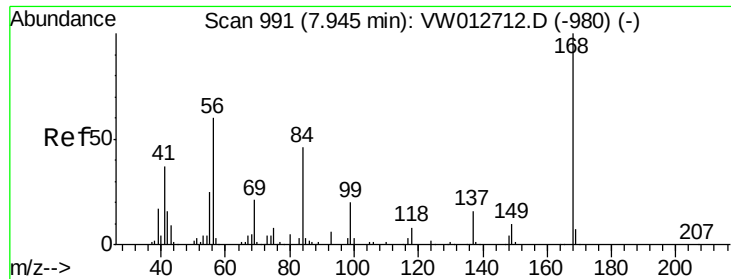
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012800.D

Acq: 09 Sep 2019 05:07

Instrument :

MSVOA_W

ClientSampleId :

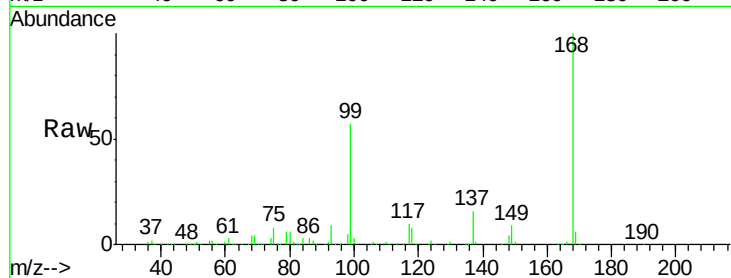
PAR-11-D4-(0)

Tot Ion:168 Resp: 249043

Ion Ratio Lower Upper

168 100

99 56.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

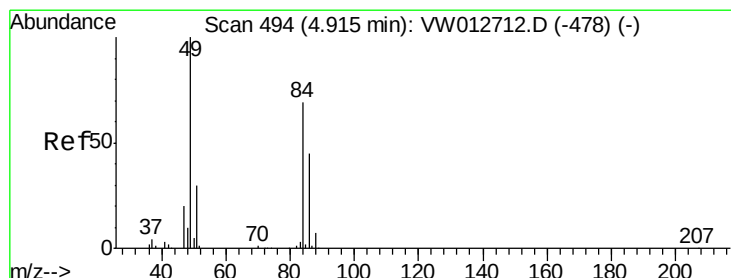
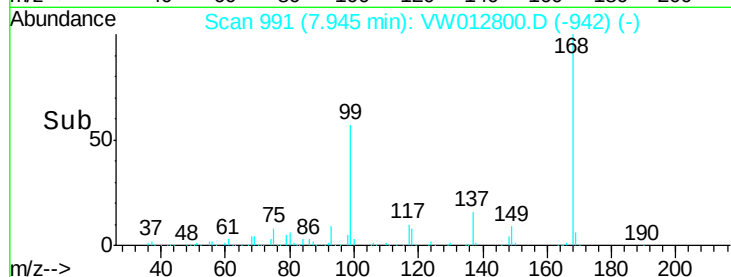
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.521 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012800.D

Acq: 09 Sep 2019 05:07

Tgt Ion: 84 Resp: 15477

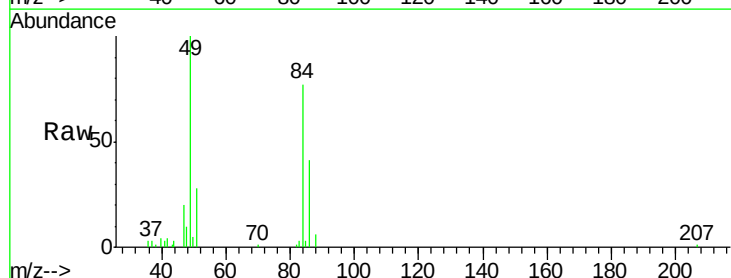
Ion Ratio Lower Upper

84 100

49 130.2 115.4 173.0

51 36.0 34.9 52.3

86 53.8 52.2 78.4



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

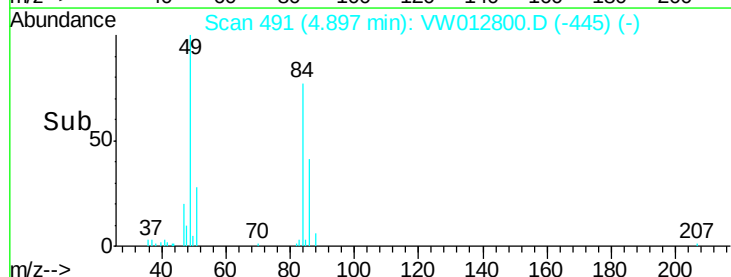
6000

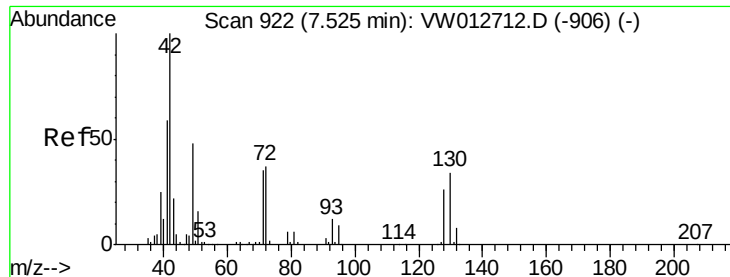
4000

2000

0

Time--> 4.80 4.90 5.00

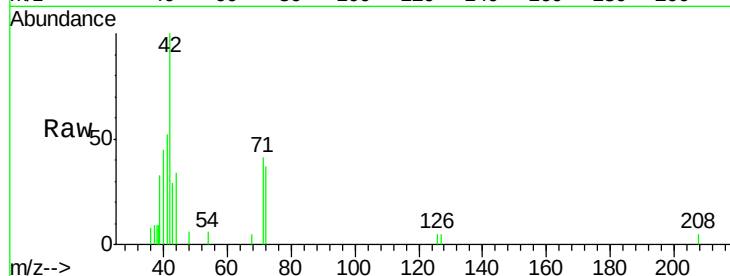




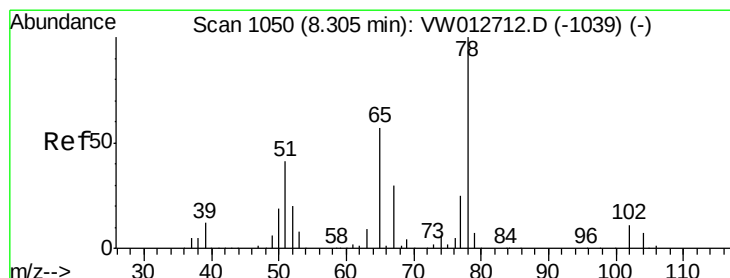
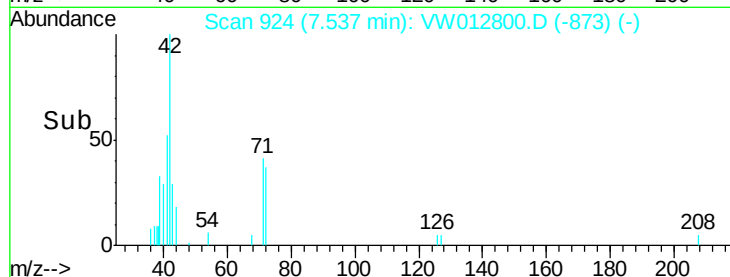
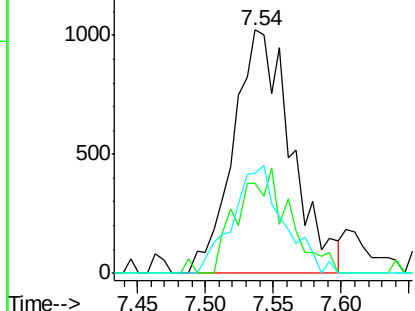
#29
Tetrahydrofuran
Concen: 4.958 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012800.D
Acq: 09 Sep 2019 05:07

Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D4-(0)

Tot Ion: 42 Resp: 3037
Ion Ratio Lower Upper
42 100
72 38.6 28.4 42.6
71 38.9 27.1 40.7

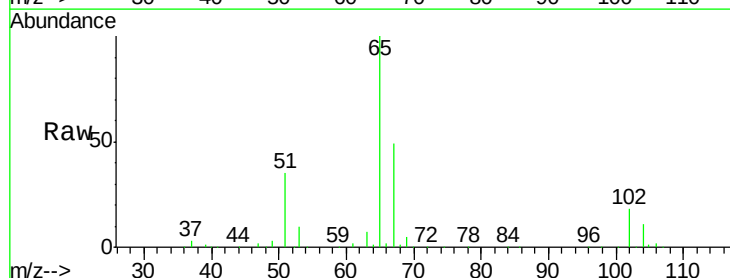


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

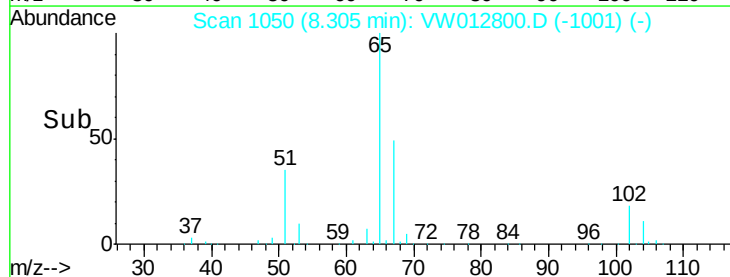
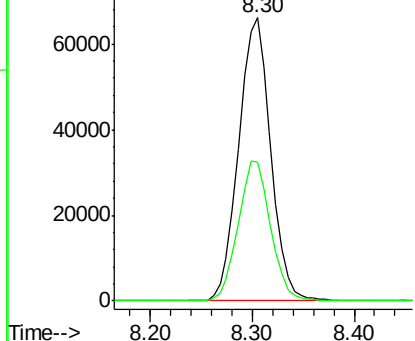


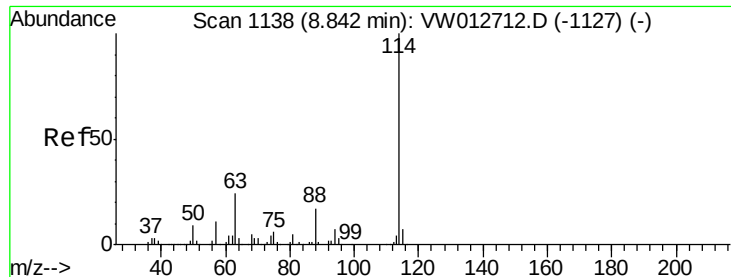
#33
1,2-Dichloroethane-d4
Concen: 51.710 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012800.D
Acq: 09 Sep 2019 05:07

Tgt Ion: 65 Resp: 143889
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8



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

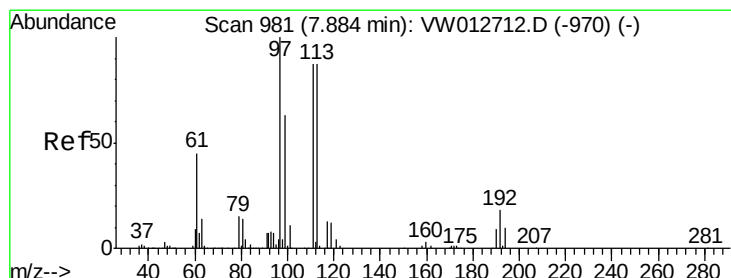
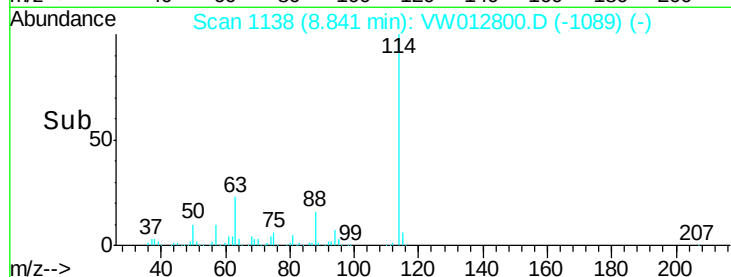
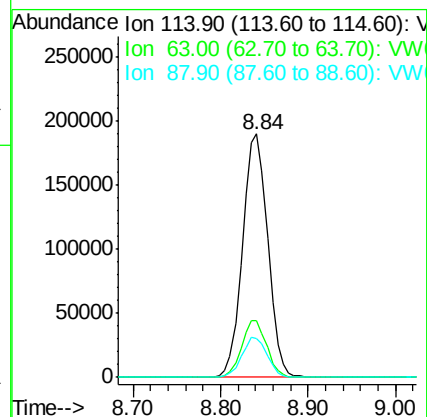
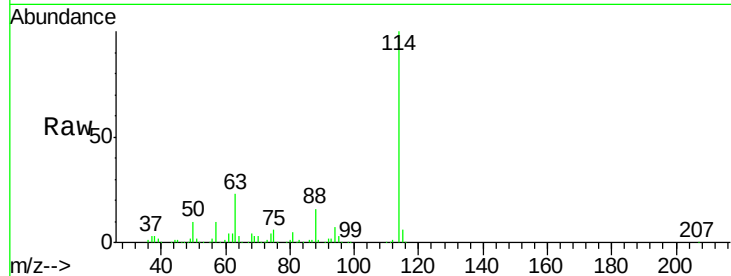




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012800.D
 Acq: 09 Sep 2019 05:07

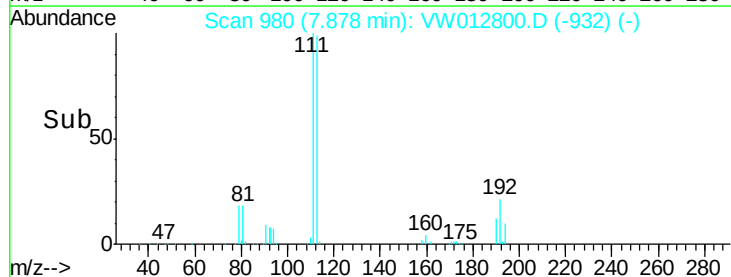
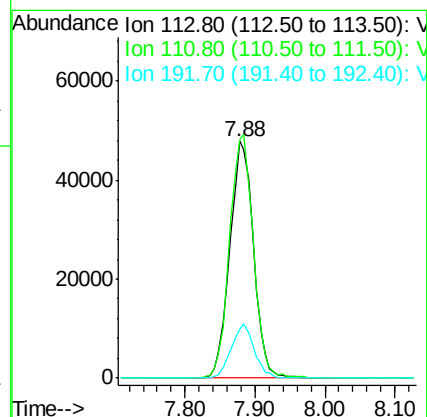
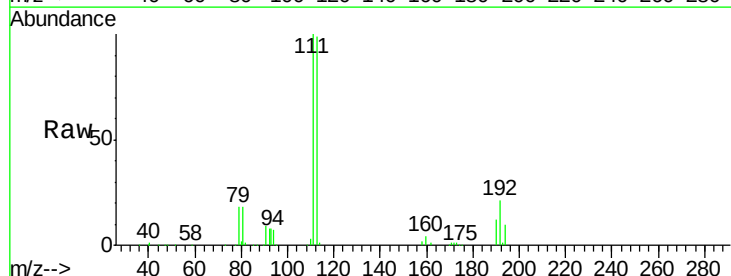
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-11-D4-(0)

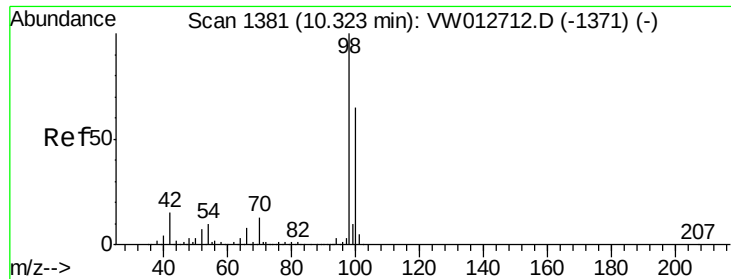
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.2	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 49.913 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012800.D
 Acq: 09 Sep 2019 05:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.2	120.4
192	22.0	17.3	25.9

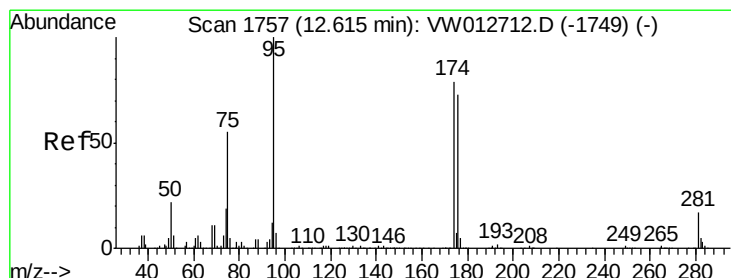
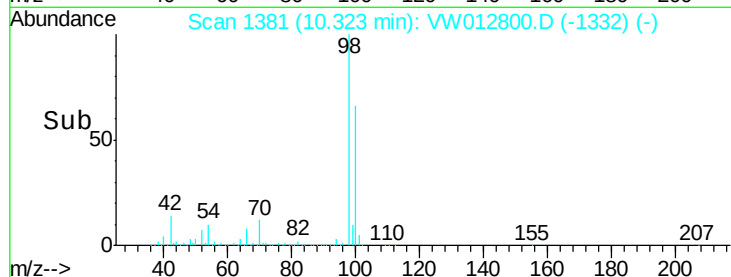
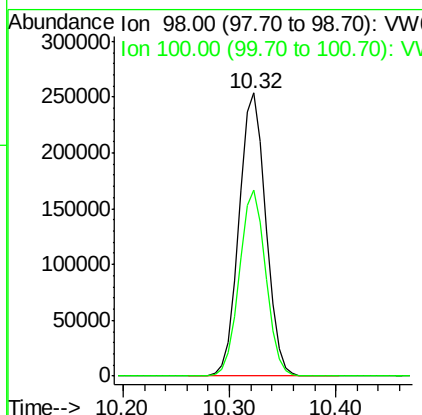
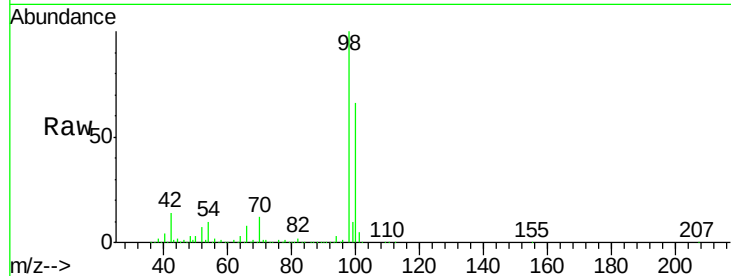




#50
Toluene-d8
Concen: 50.758 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012800.D
Acq: 09 Sep 2019 05:07

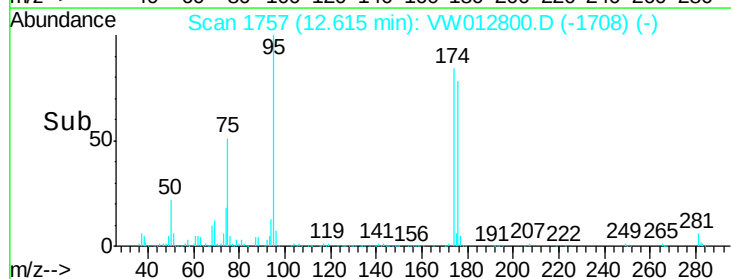
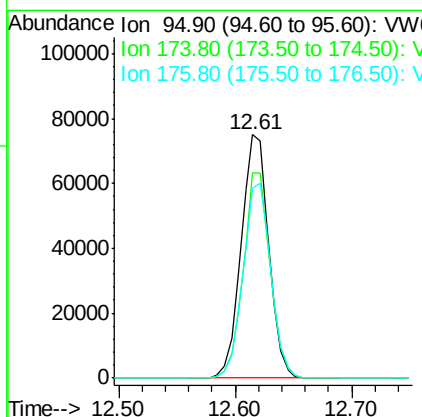
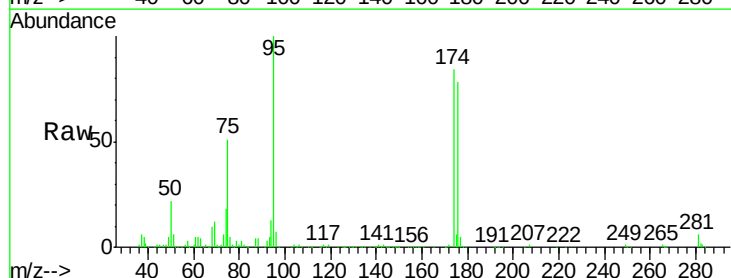
Instrument :
MSVOA_W
ClientSampleId :
PAR-11-D4-(0)

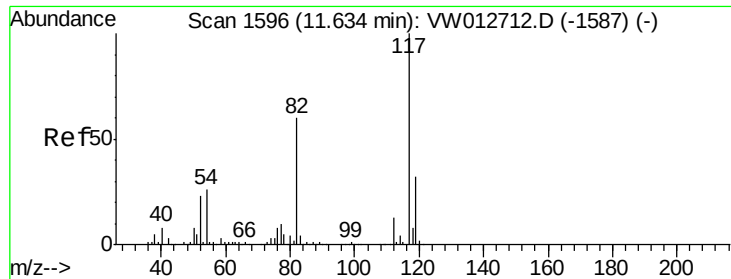
Tot Ion: 98 Resp: 449228
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 38.477 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012800.D
Acq: 09 Sep 2019 05:07

Tgt Ion: 95 Resp: 123624
Ion Ratio Lower Upper
95 100
174 82.8 0.0 161.0
176 80.7 0.0 156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012800.D

Acq: 09 Sep 2019 05:07

Instrument :

MSVOA_W

ClientSampleId :

PAR-11-D4-(0)

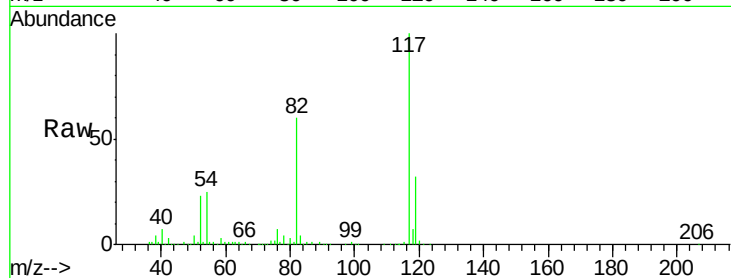
Tot Ion:117 Resp: 298736

Ion Ratio Lower Upper

117 100

82 60.5 48.2 72.4

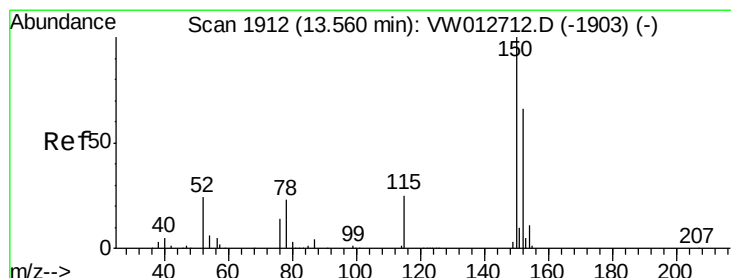
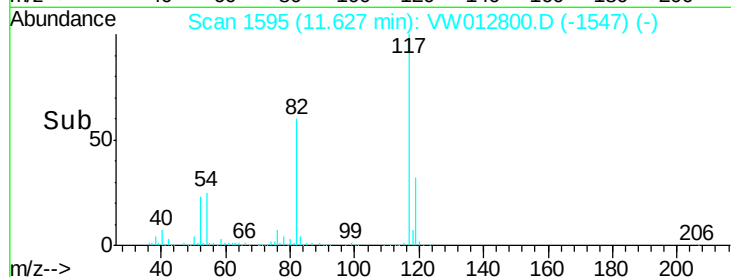
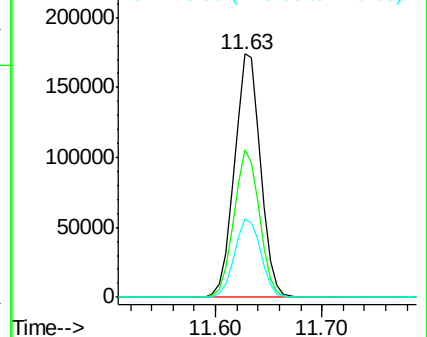
119 32.0 25.8 38.6



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: VW012800.D

Acq: 09 Sep 2019 05:07

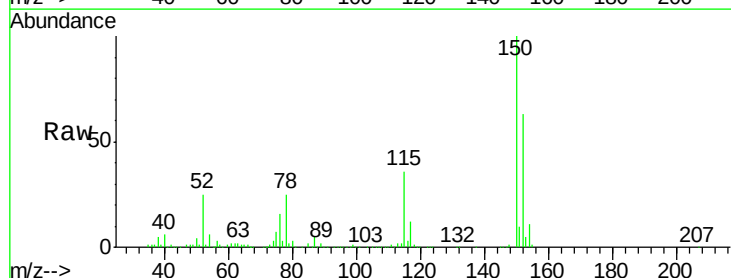
Tgt Ion:152 Resp: 93575

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.1

150 160.0 0.0 349.0



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

