

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012900.D
 Acq On : 11 Sep 2019 05:47
 Operator : SY/VA
 Sample : K4680-06
 Misc : 4.48G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4(0)

Quant Time: Sep 11 08:42:37 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

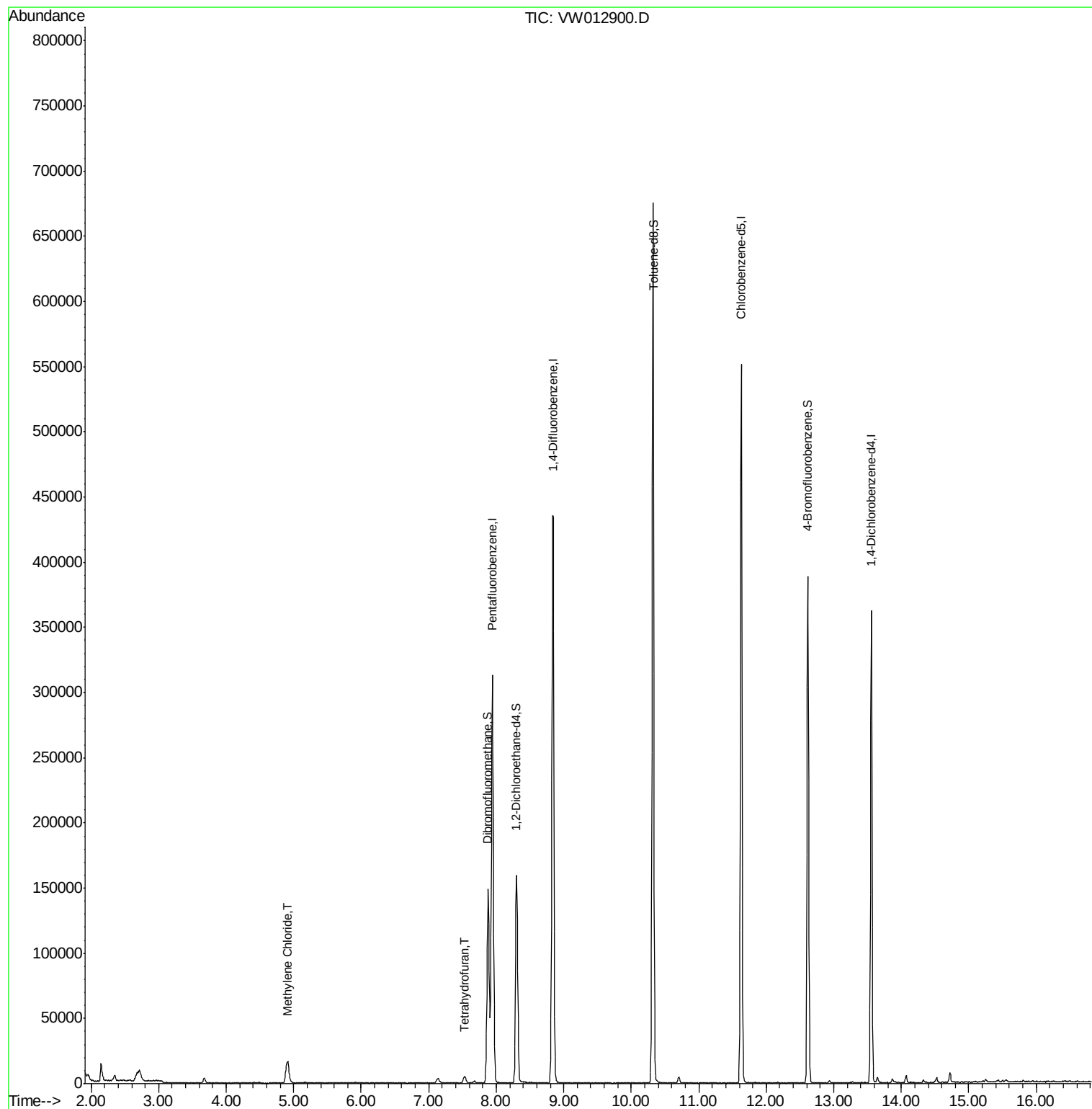
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130312	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	7.88	113	106207	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	10.32	98	437087	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	120278	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
20) Methylene Chloride	4.90	84	13169	5.773	ug/l	88
29) Tetrahydrofuran	7.53	42	4142	7.035	ug/l	93

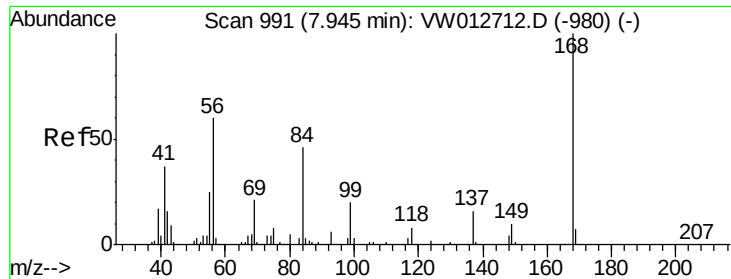
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampled :

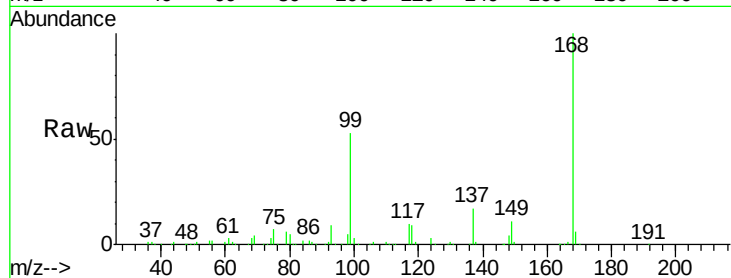
T1-4-(0)

Tot Ion:168 Resp: 239363

Ion Ratio Lower Upper

168 100

99 53.4 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

120000

100000

80000

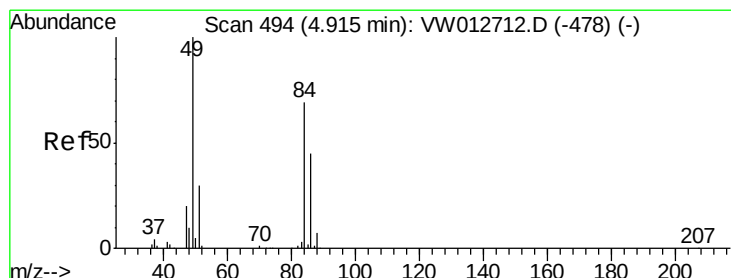
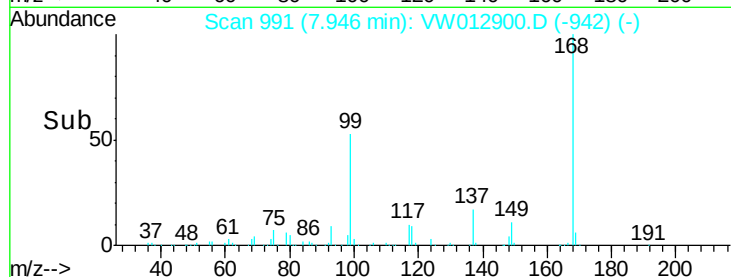
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.773 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

Tgt Ion: 84 Resp: 13169

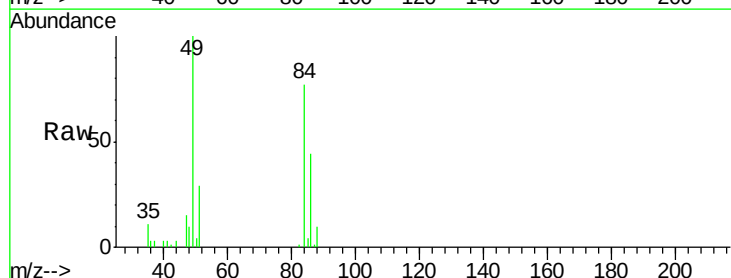
Ion Ratio Lower Upper

84 100

49 127.4 115.4 173.0

51 37.9 34.9 52.3

86 56.6 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

8000

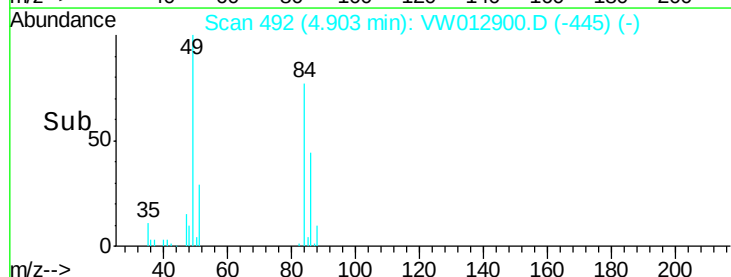
6000

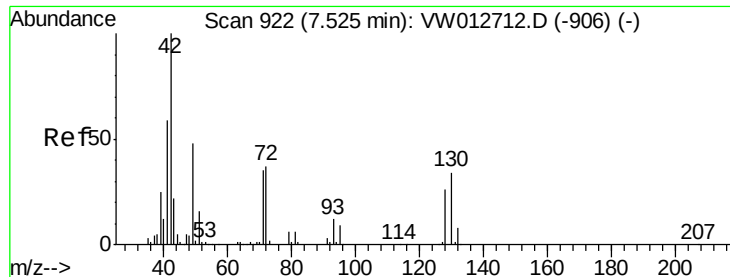
4000

2000

0

Time-->

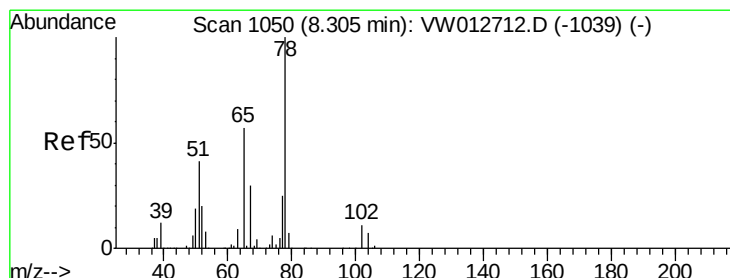
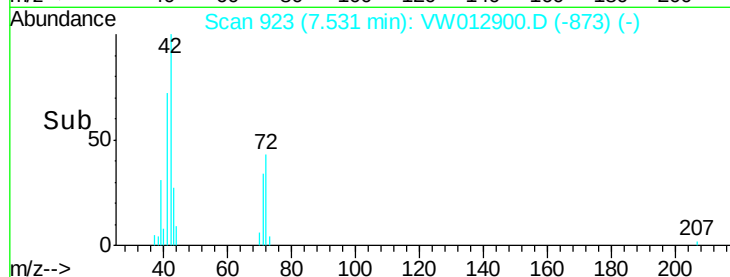
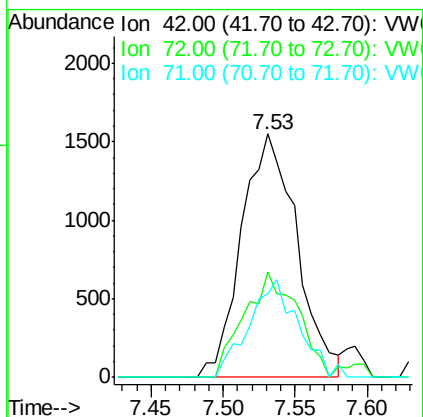
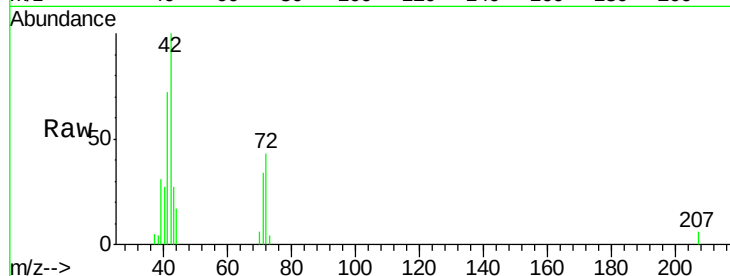




#29
Tetrahydrofuran
Concen: 7.035 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

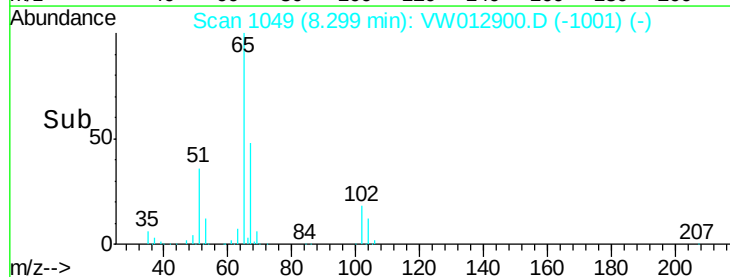
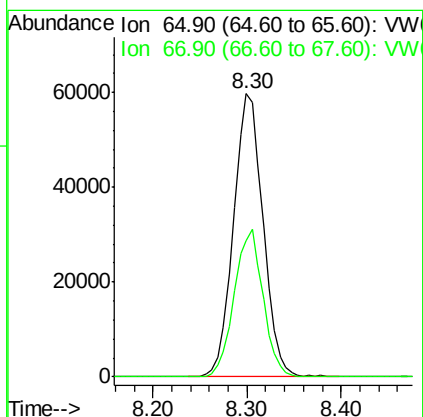
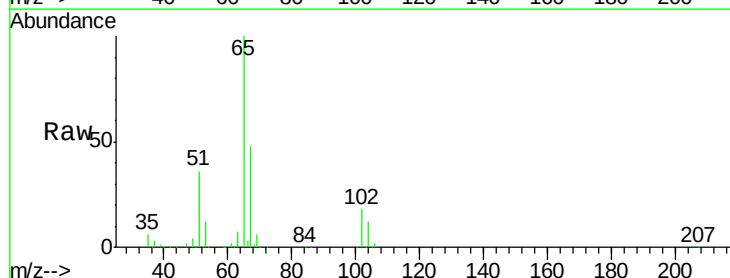
Instrument :
MSVOA_W
ClientSampled :
T1-4(0)

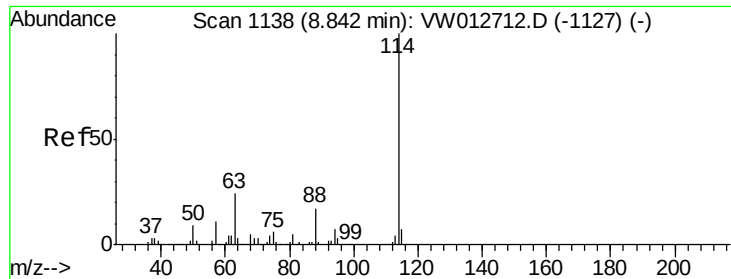
Tot Ion: 42 Resp: 4142
Ion Ratio Lower Upper
42 100
72 41.5 28.4 42.6
71 35.8 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 48.724 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

Tgt Ion: 65 Resp: 130312
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

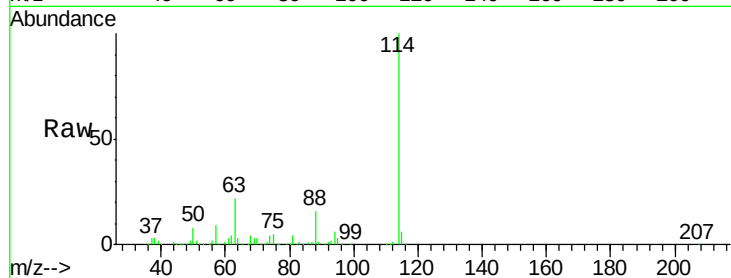




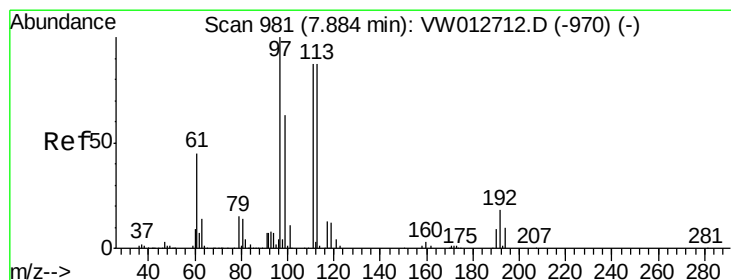
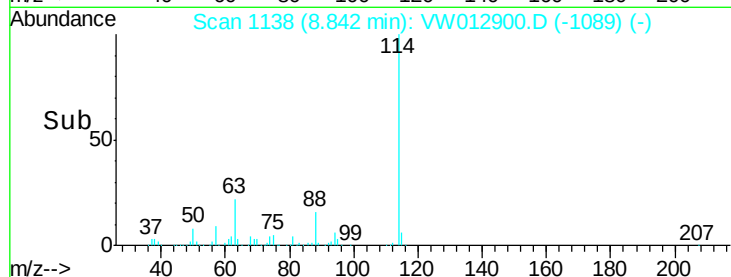
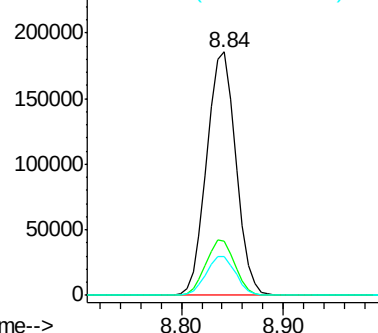
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-4-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.2
88	16.0	0.0	34.0

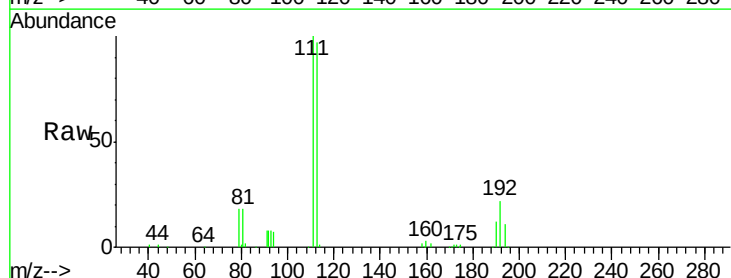


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

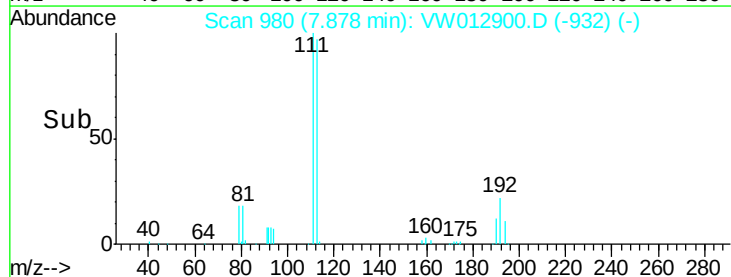
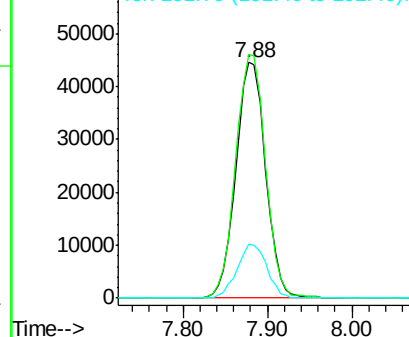


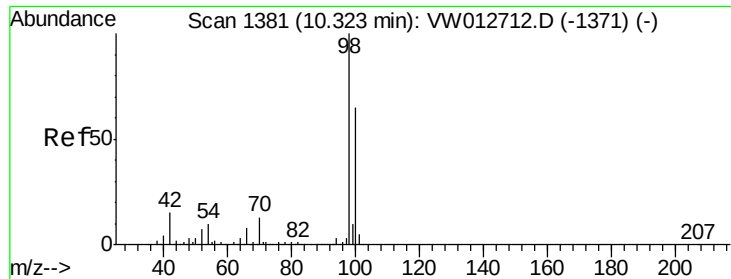
#35
 Dibromofluoromethane
 Concen: 48.542 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012900.D
 Acq: 11 Sep 2019 05:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.2	120.4
192	22.8	17.3	25.9



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: 50.991 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

Instrument :

MSVOA_W

ClientSampled :

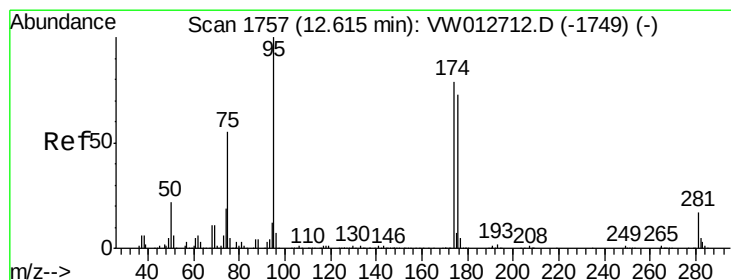
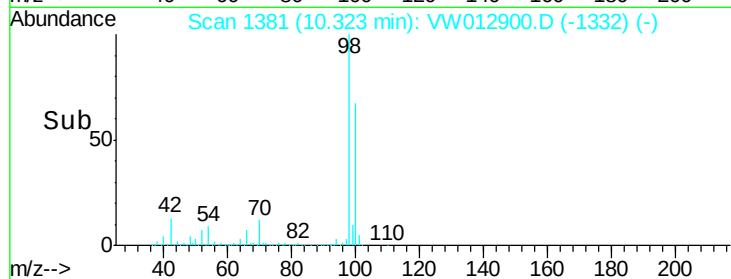
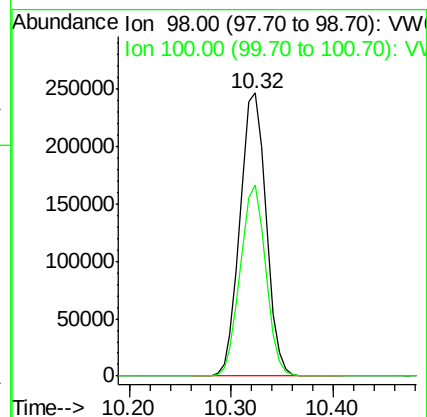
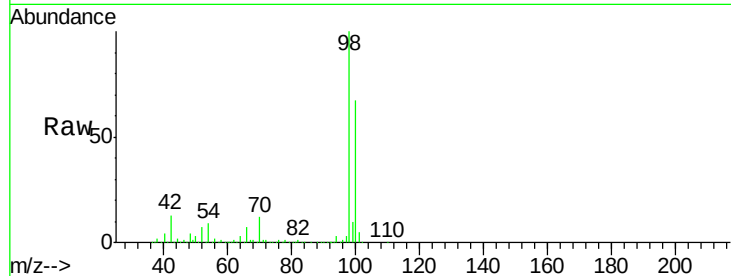
T1-4-(0)

Tot Ion: 98 Resp: 437087

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 38.652 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012900.D

Acq: 11 Sep 2019 05:47

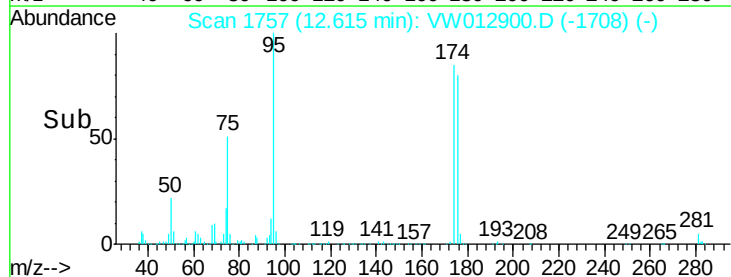
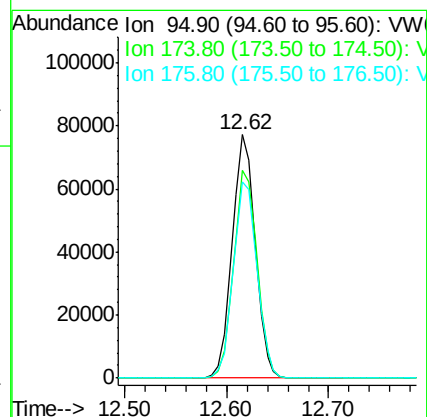
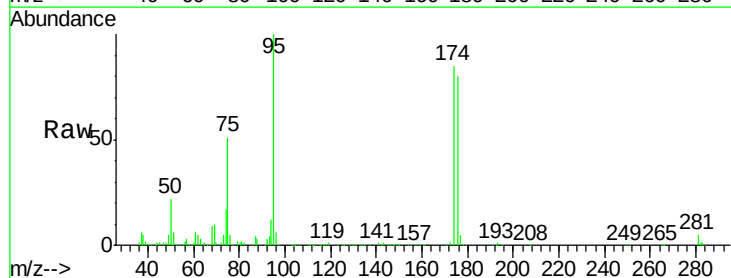
Tgt Ion: 95 Resp: 120278

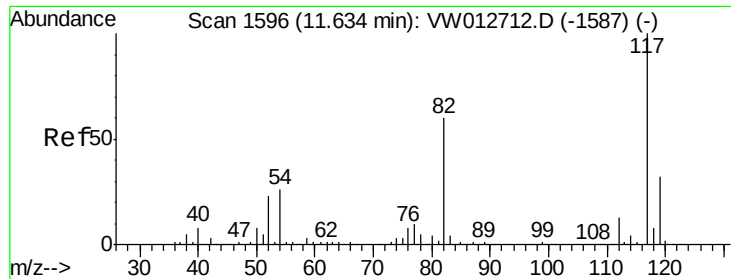
Ion Ratio Lower Upper

95 100

174 86.8 0.0 161.0

176 82.9 0.0 156.4

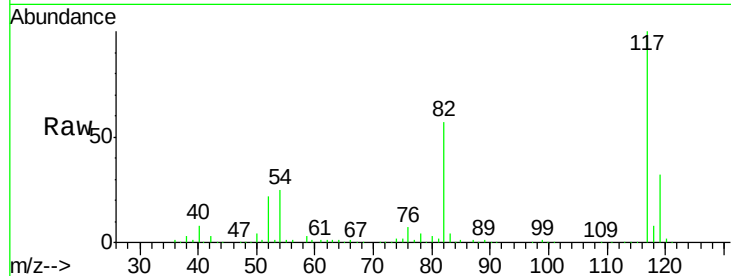




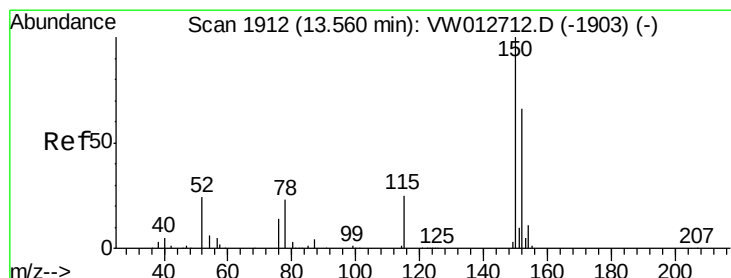
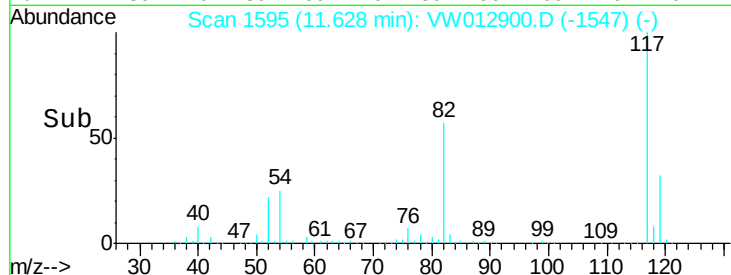
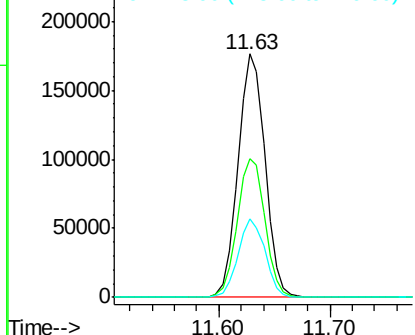
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

Instrument :
MSVOA_W
ClientSampleId :
T1-4-(0)

Tot Ion:117 Resp: 295647
Ion Ratio Lower Upper
117 100
82 57.2 48.2 72.4
119 32.4 25.8 38.6

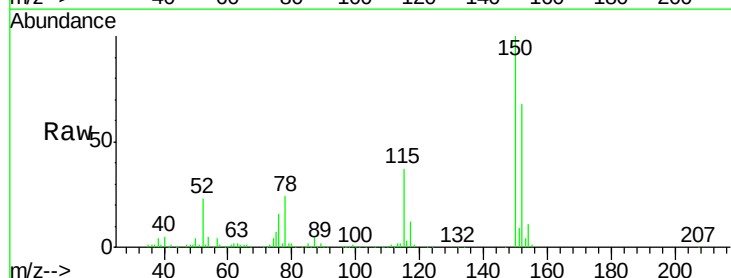


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012900.D
Acq: 11 Sep 2019 05:47

Tgt Ion:152 Resp: 95555
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.1
150 155.8 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

