

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012468.D
 Acq On : 02 Sep 2019 01:07
 Operator : SY/VA
 Sample : K4527-11
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-N2-(1.9)

Quant Time: Sep 02 08:28:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

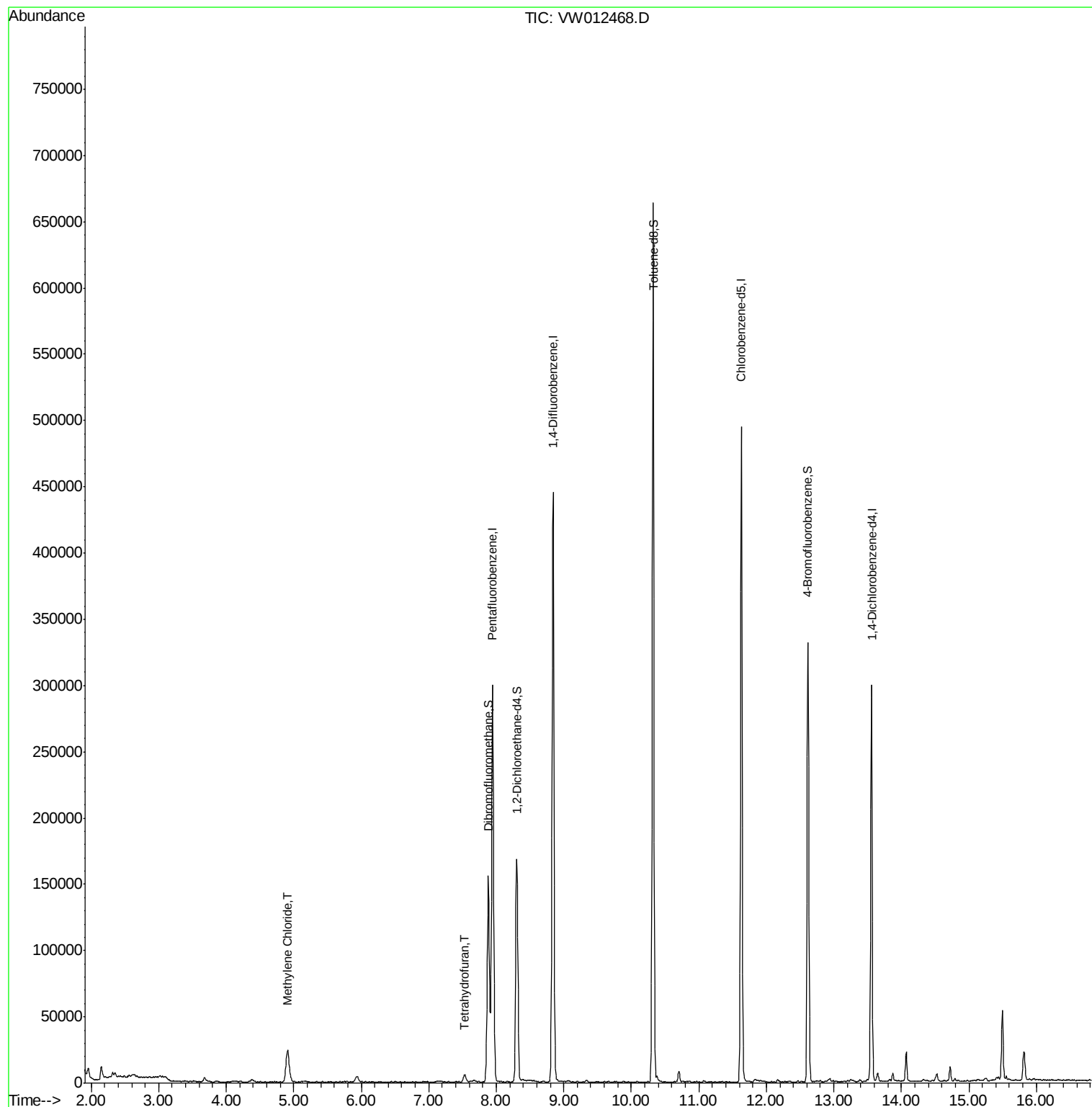
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	345049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140640	55.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.54%	
35) Dibromofluoromethane	7.88	113	109664	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.32	98	407236	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	105907	35.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	17597	7.221	ug/l	97
29) Tetrahydrofuran	7.53	42	5175	9.848	ug/l	98

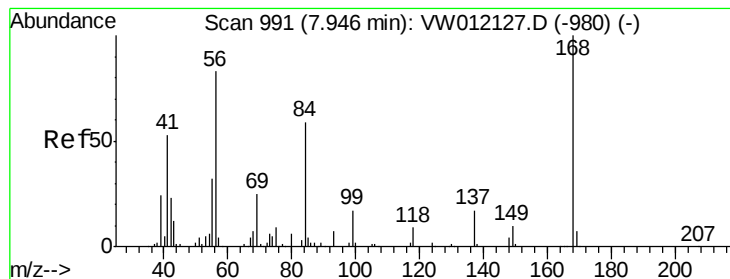
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
Data File : VW012468.D
Acq On : 02 Sep 2019 01:07
Operator : SY/VA
Sample : K4527-11
Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N2-(1.9)

Quant Time: Sep 02 08:28:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012468.D

Acq: 02 Sep 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

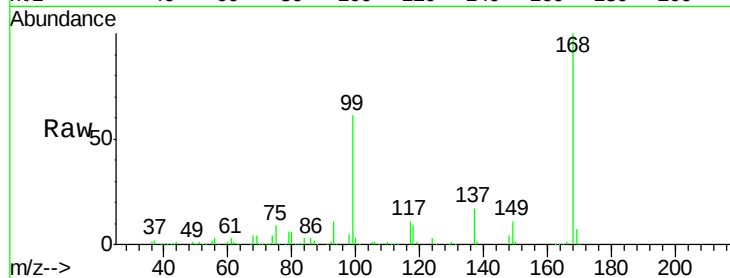
T9-12-13-N2-(1.9)

Tot Ion:168 Resp: 212125

Ion Ratio Lower Upper

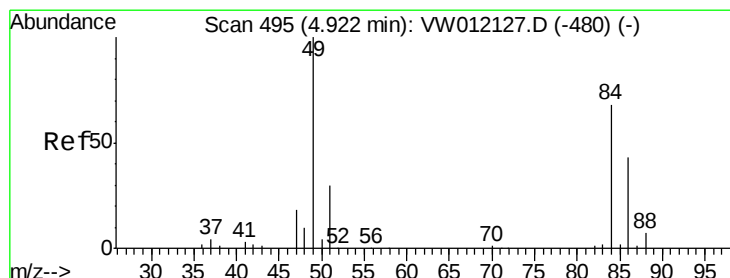
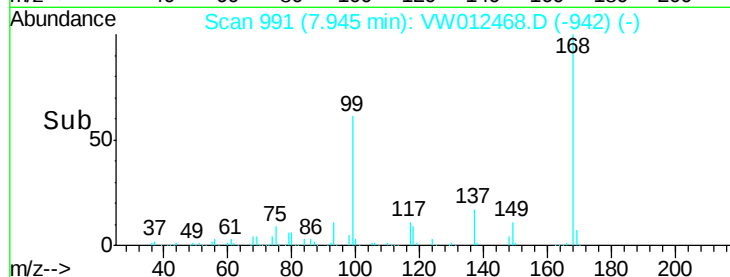
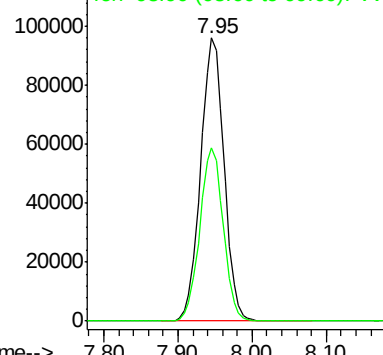
168 100

99 61.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 7.221 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012468.D

Acq: 02 Sep 2019 01:07

Tgt Ion: 84 Resp: 17597

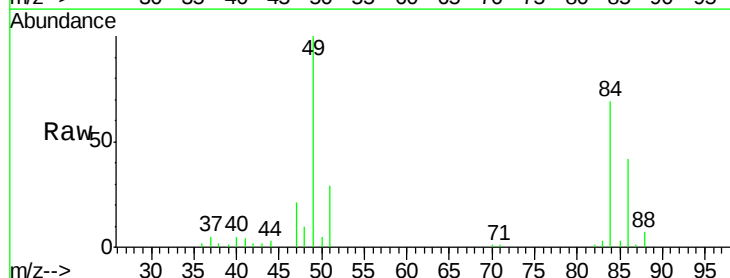
Ion Ratio Lower Upper

84 100

49 145.2 117.8 176.8

51 41.4 35.6 53.4

86 60.5 51.2 76.8

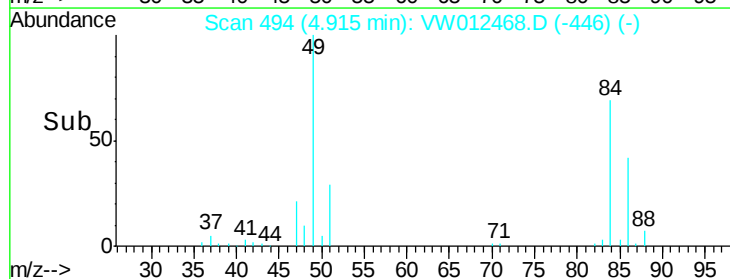
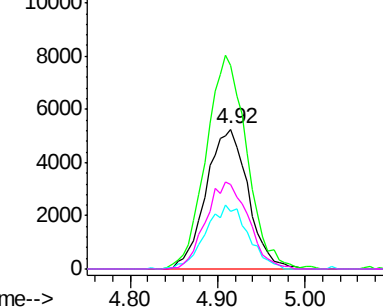


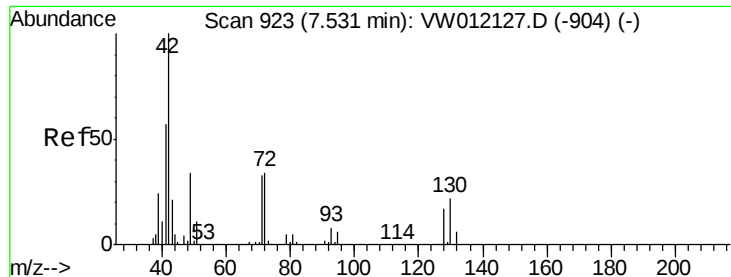
Abundance Ion 83.90 (83.60 to 84.60): VW

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

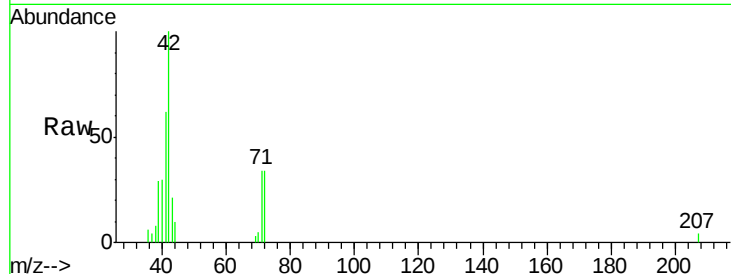




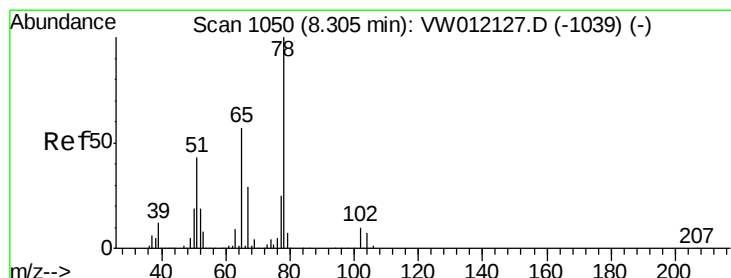
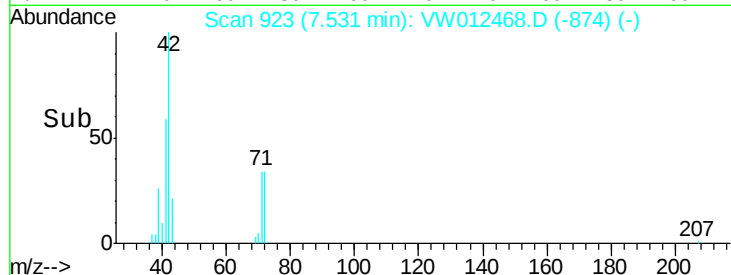
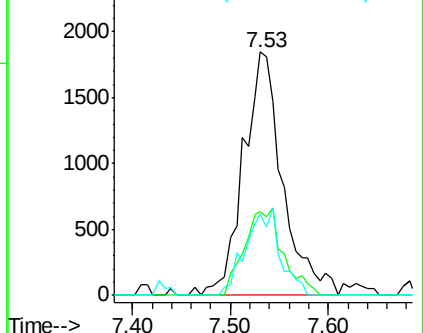
#29
Tetrahydrofuran
Concen: 9.848 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012468.D
Acq: 02 Sep 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N2-(1.9)

Tot Ion: 42 Resp: 5175
Ion Ratio Lower Upper
42 100
72 35.2 27.3 40.9
71 31.0 25.5 38.3

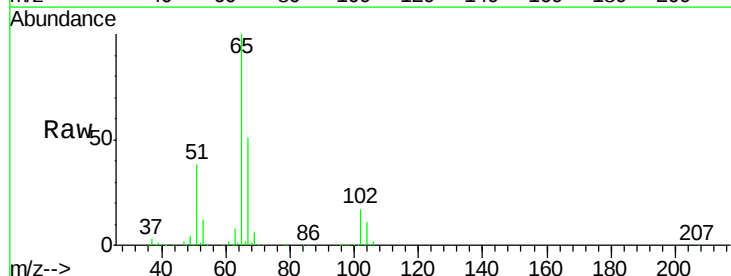


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

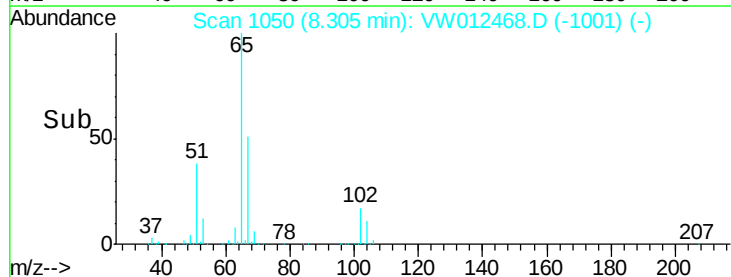
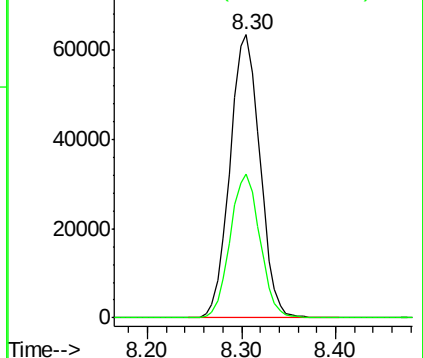


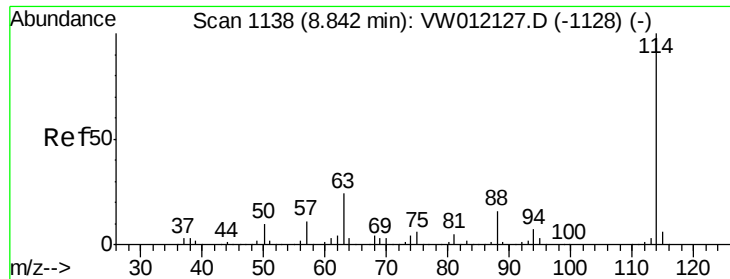
#33
1,2-Dichloroethane-d4
Concen: 55.773 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012468.D
Acq: 02 Sep 2019 01:07

Tgt Ion: 65 Resp: 140640
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.6



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

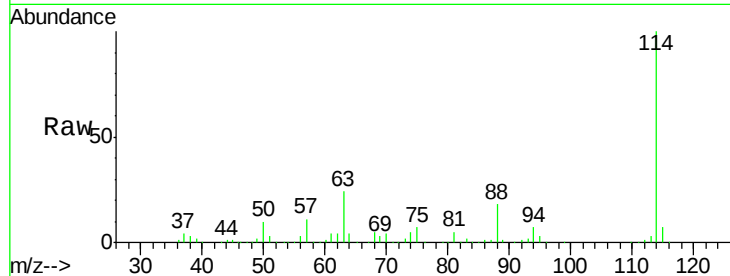




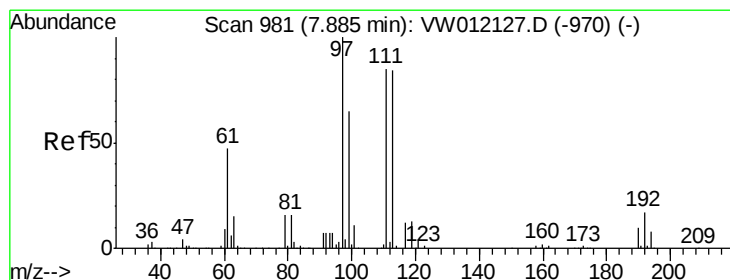
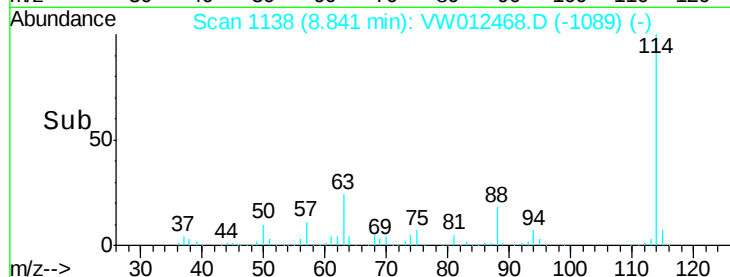
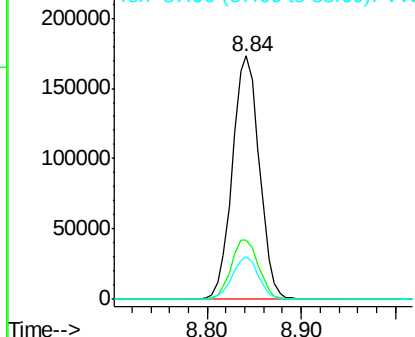
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012468.D
 Acq: 02 Sep 2019 01:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-N2-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	17.6	0.0	32.2

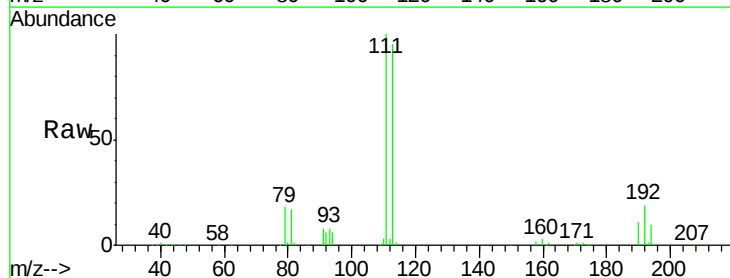


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

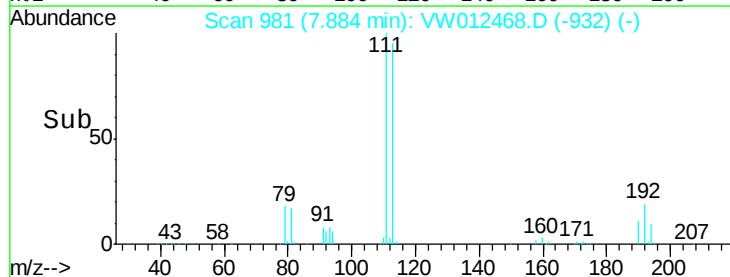
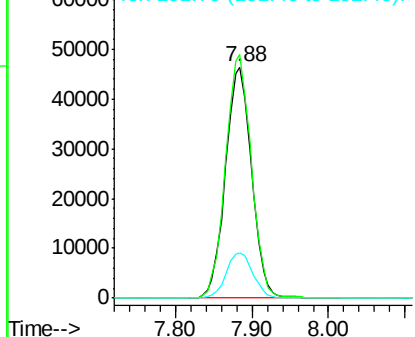


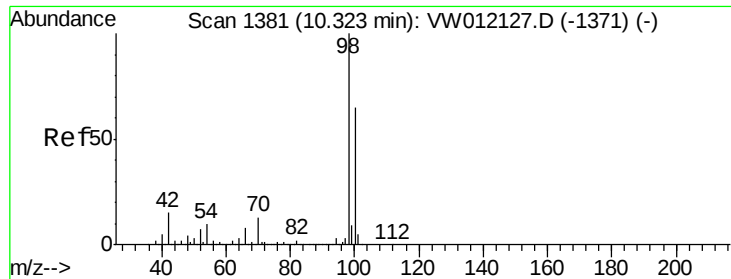
#35
 Dibromofluoromethane
 Concen: 53.245 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012468.D
 Acq: 02 Sep 2019 01:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.7	124.1
192	19.9	16.2	24.2



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: 48.764 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012468.D

Acq: 02 Sep 2019 01:07

Instrument :

MSVOA_W

ClientSampleId :

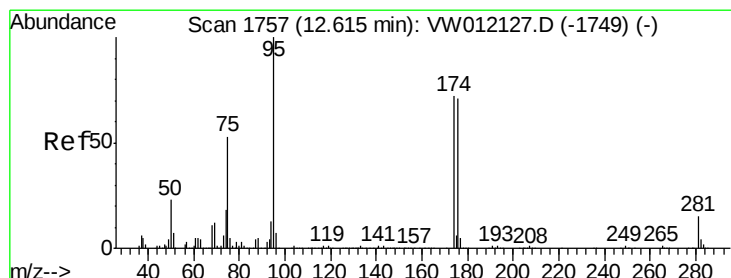
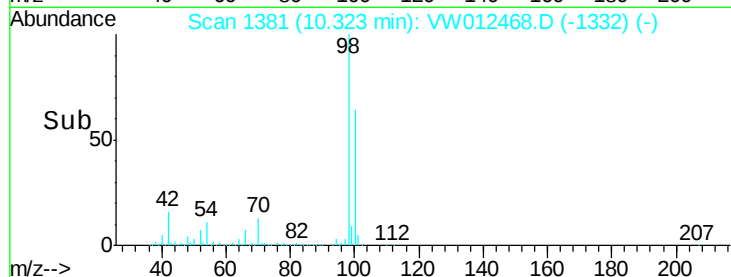
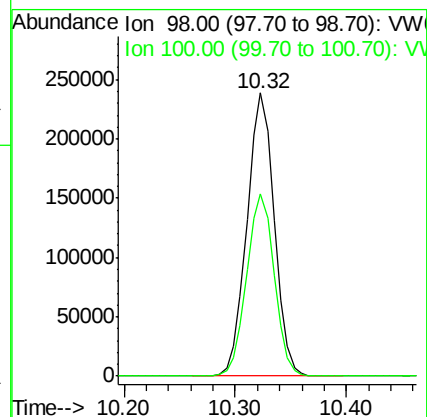
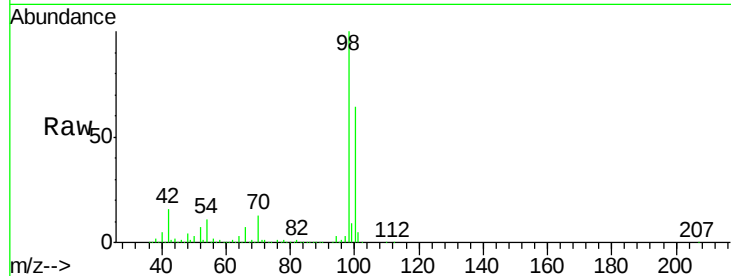
T9-12-13-N2-(1.9)

Tot Ion: 98 Resp: 407236

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 35.977 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012468.D

Acq: 02 Sep 2019 01:07

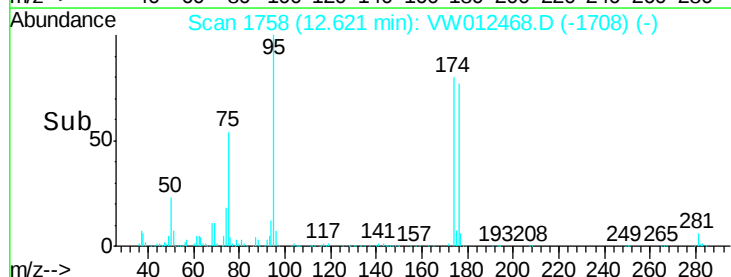
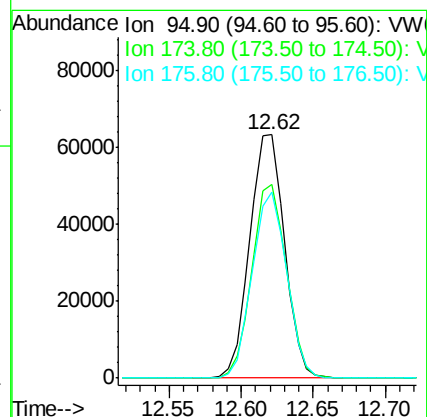
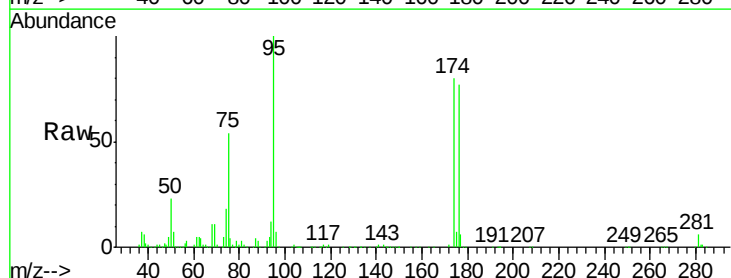
Tgt Ion: 95 Resp: 105907

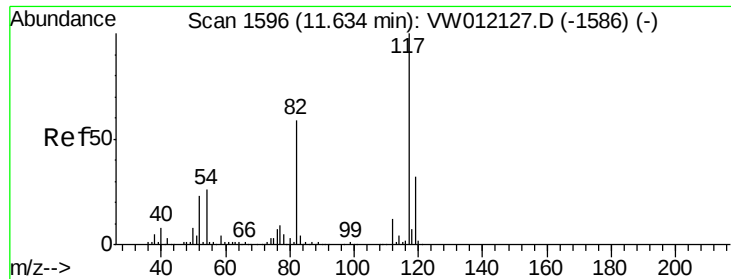
Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.8

176 75.6 0.0 148.6

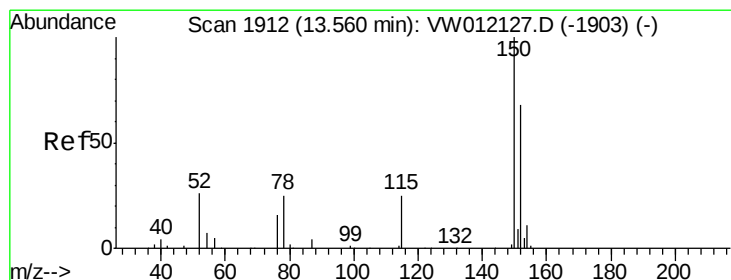
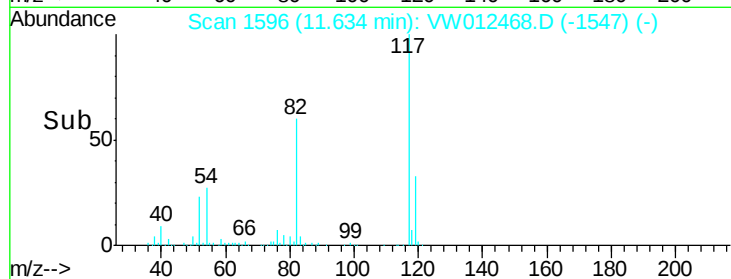
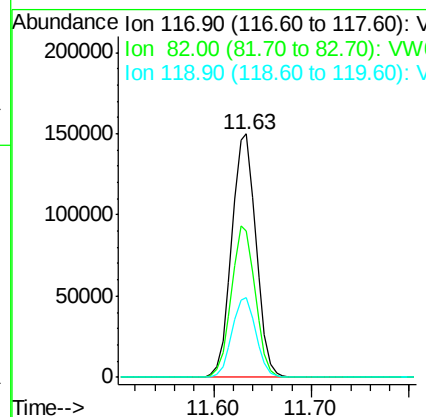
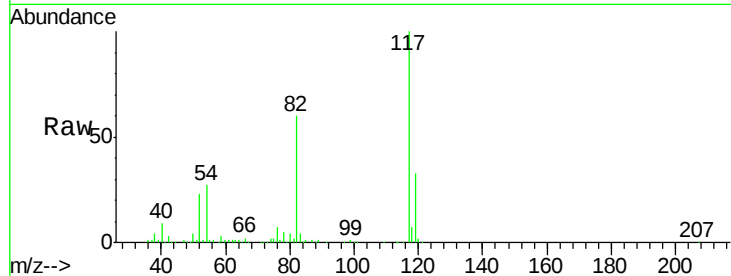




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012468.D
Acq: 02 Sep 2019 01:07

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N2-(1.9)

Tot Ion:117 Resp: 259098
Ion Ratio Lower Upper
117 100
82 60.2 47.4 71.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012468.D
Acq: 02 Sep 2019 01:07

Tgt Ion:152 Resp: 75690
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 157.5 0.0 345.8

