

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012189.D
 Acq On : 26 Aug 2019 23:24
 Operator : SY/VA
 Sample : K4472-05
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S3-(0)

Quant Time: Aug 27 06:34:45 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

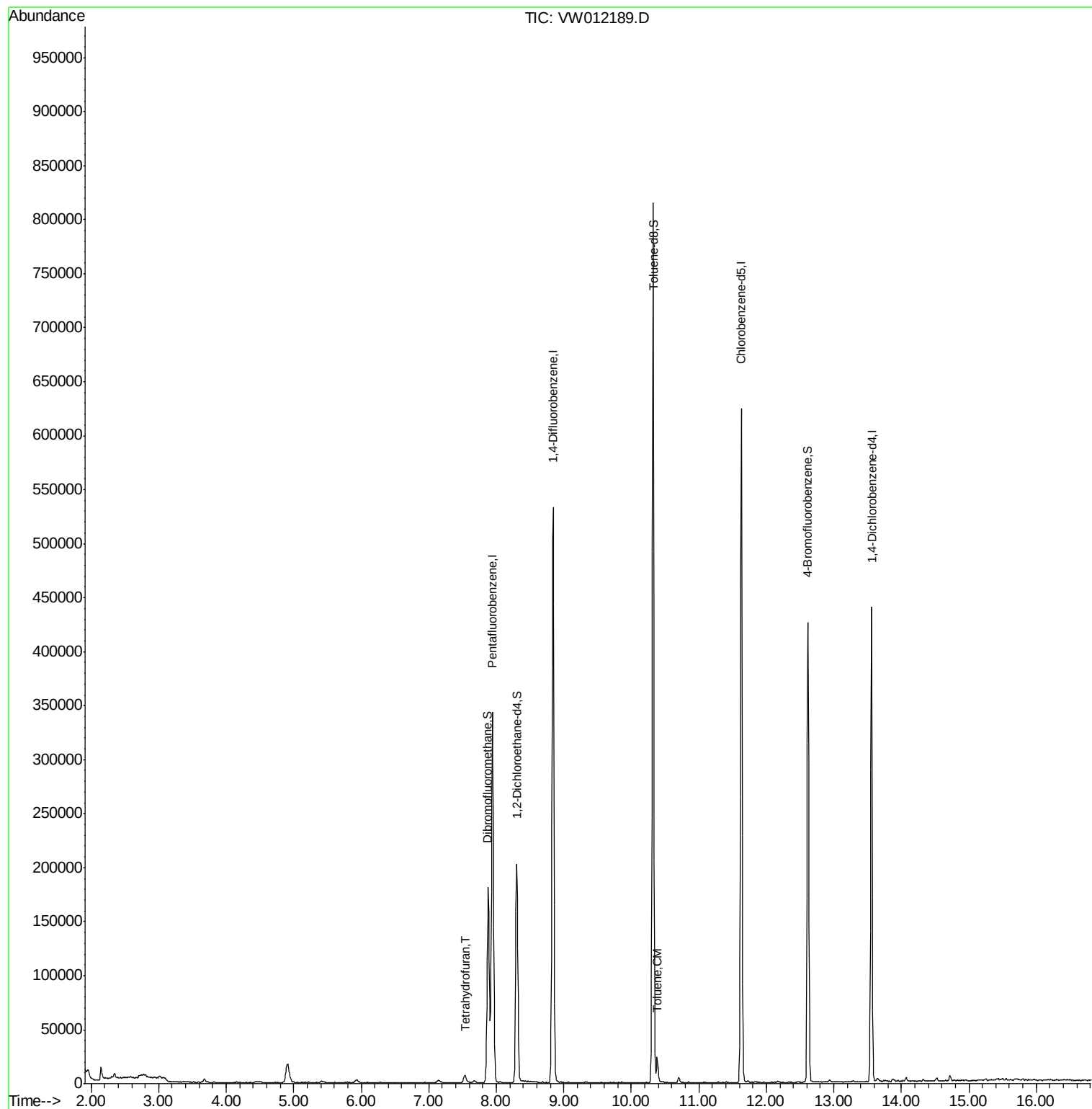
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	161996	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
35) Dibromofluoromethane	7.88	113	127667	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.32	98	501766	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	140237	39.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.88%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	6244	10.232	ug/l	99
52) Toluene	10.38	92	8979	1.287	ug/l	97

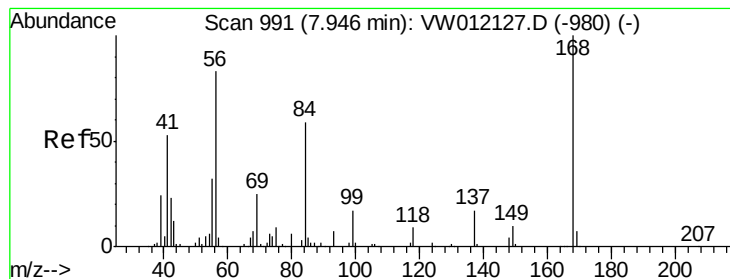
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012189.D

Acq: 26 Aug 2019 23:24

Instrument :

MSVOA_W

ClientSampleId :

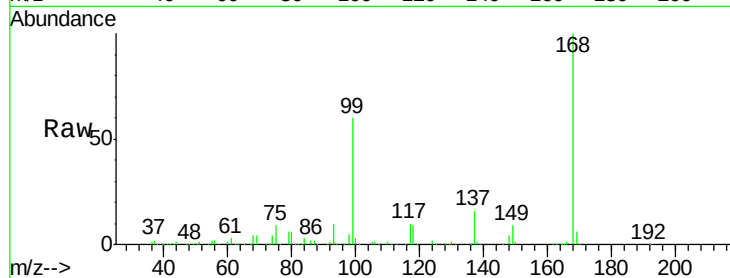
T1-S3-(0)

Tot Ion:168 Resp: 246322

Ion Ratio Lower Upper

168 100

99 59.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

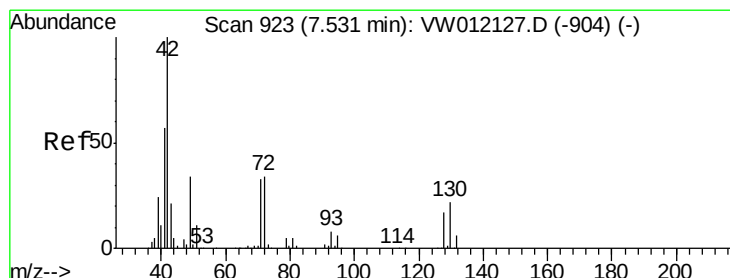
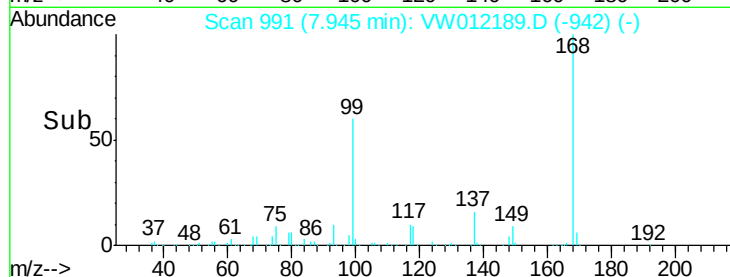
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 10.232 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012189.D

Acq: 26 Aug 2019 23:24

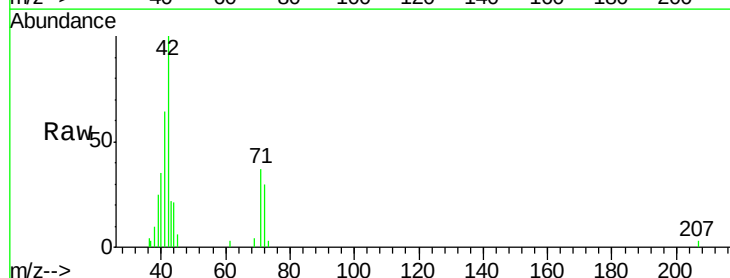
Tgt Ion: 42 Resp: 6244

Ion Ratio Lower Upper

42 100

72 33.6 27.3 40.9

71 31.7 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

2500

2000

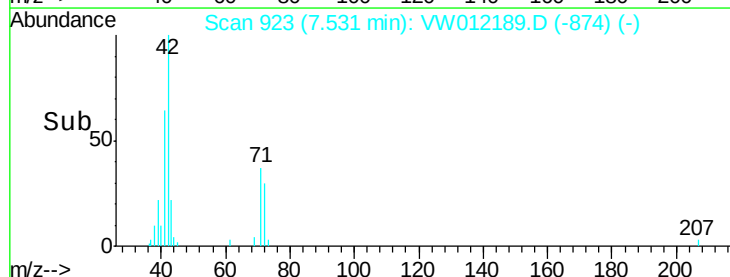
1500

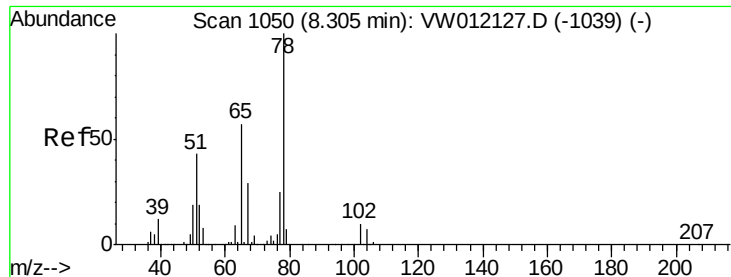
1000

500

0

Time--> 7.50 7.60

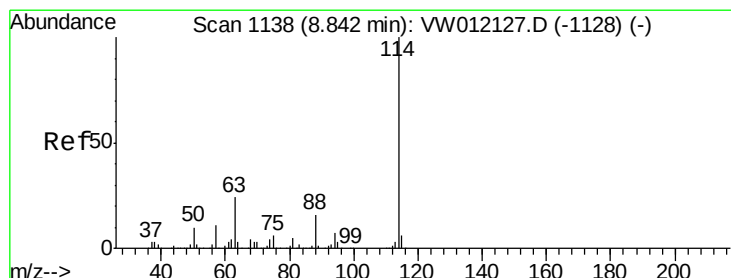
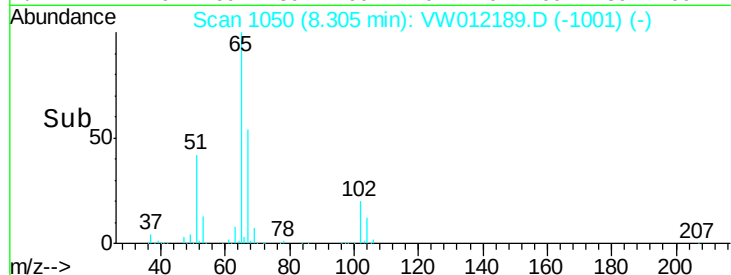
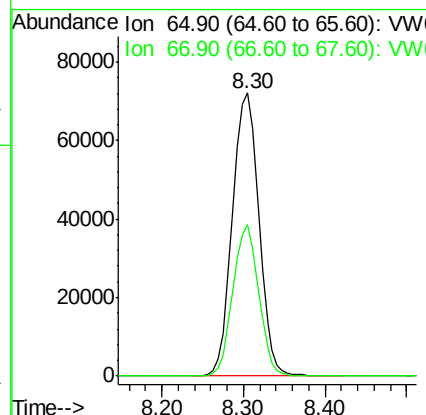
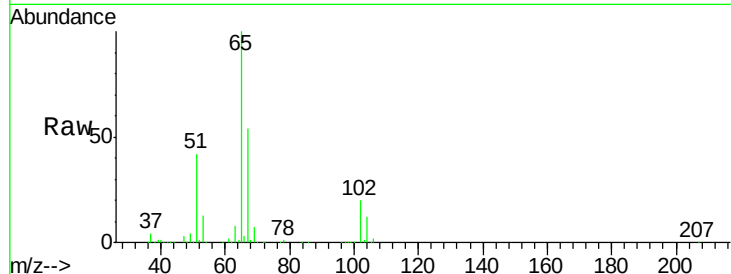




#33
 1,2-Dichloroethane-d4
 Concen: 55.323 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012189.D
 Acq: 26 Aug 2019 23:24

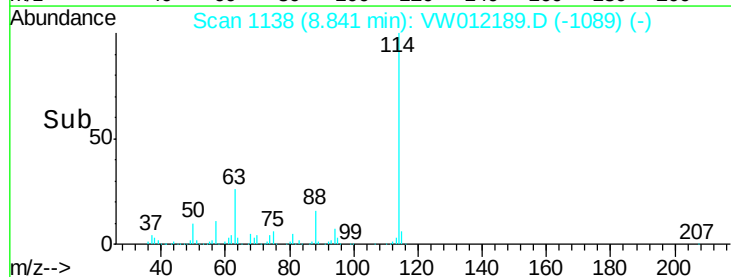
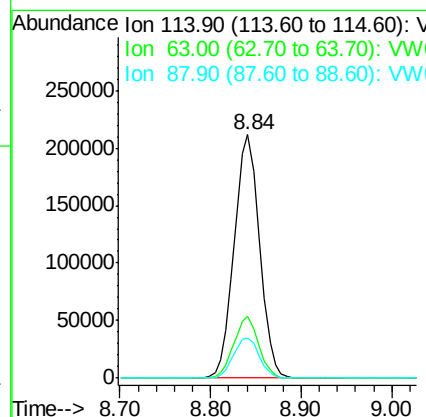
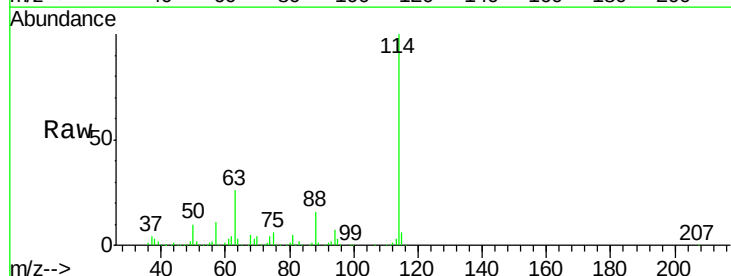
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S3-(0)

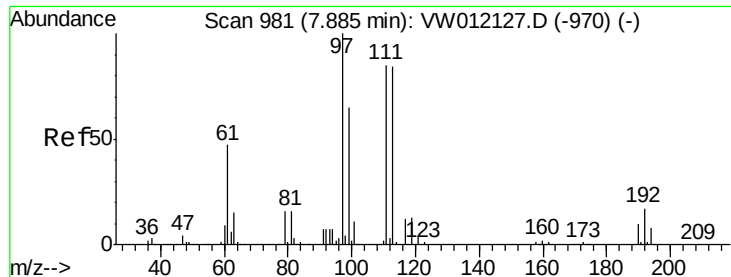
Tot Ion: 65 Resp: 161996
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012189.D
 Acq: 26 Aug 2019 23:24

Tgt Ion: 114 Resp: 411565
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 48.6
 88 16.5 0.0 32.2

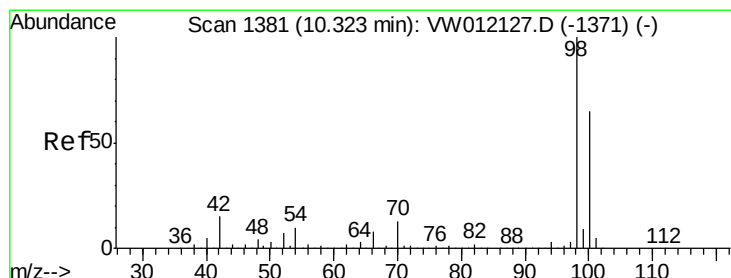
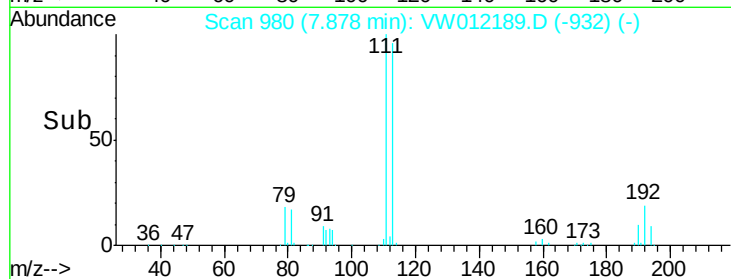
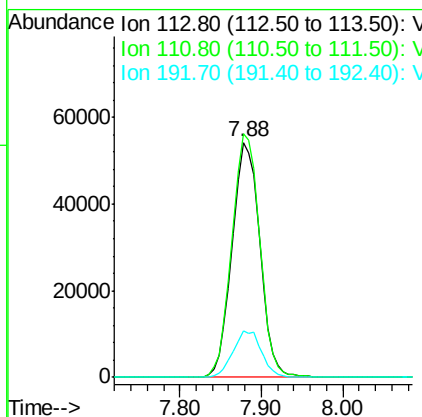
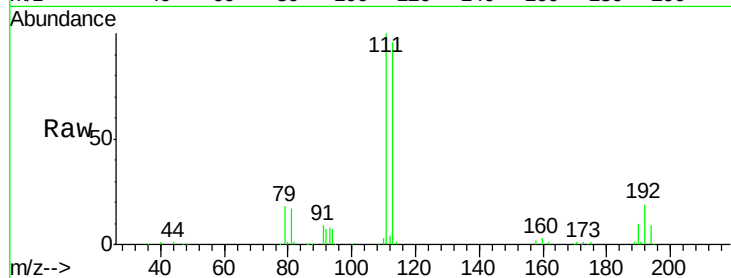




#35
 Dibromofluoromethane
 Concen: 51.968 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012189.D
 Acq: 26 Aug 2019 23:24

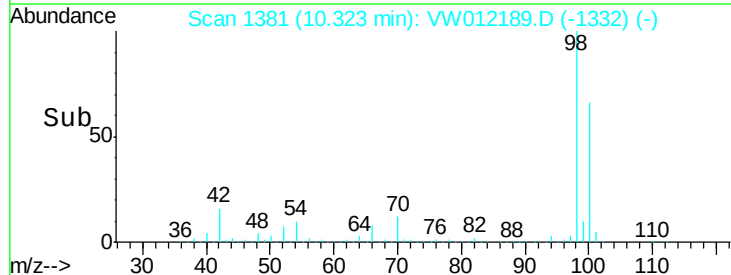
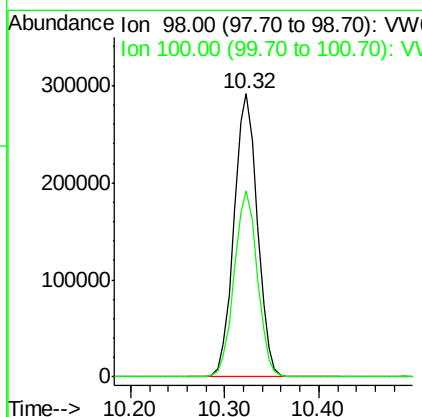
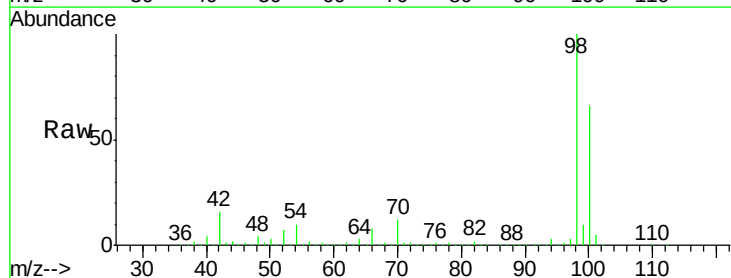
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S3-(0)

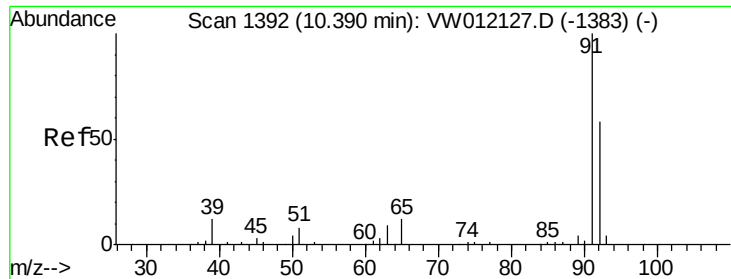
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.7	124.1
192	20.2	16.2	24.2



#50
 Toluene-d8
 Concen: 50.373 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012189.D
 Acq: 26 Aug 2019 23:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





#52

Toluene

Concen: 1.287 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012189.D

Acq: 26 Aug 2019 23:24

Instrument :

MSVOA_W

ClientSampleId :

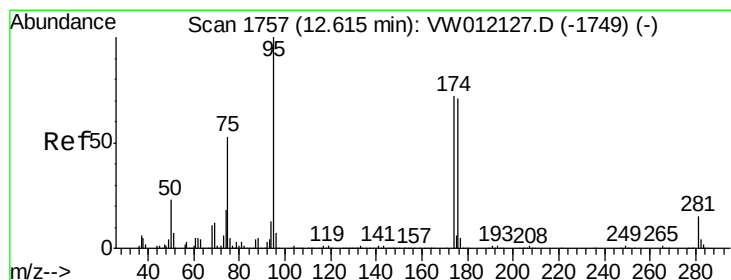
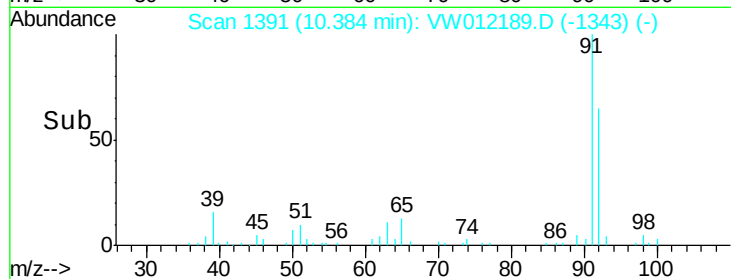
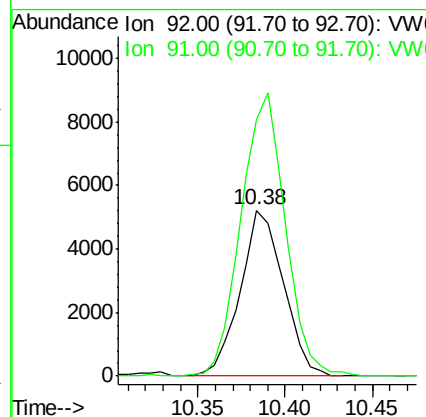
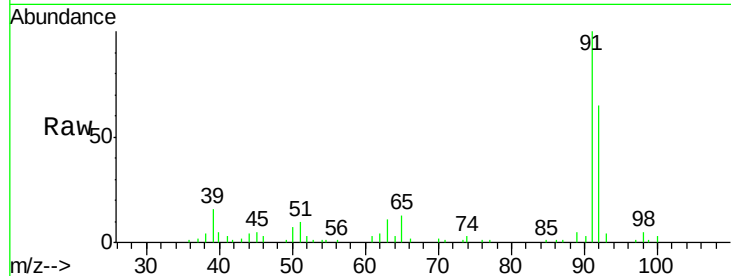
T1-S3-(0)

Tot Ion: 92 Resp: 8979

Ion Ratio Lower Upper

92 100

91 175.5 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 39.940 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012189.D

Acq: 26 Aug 2019 23:24

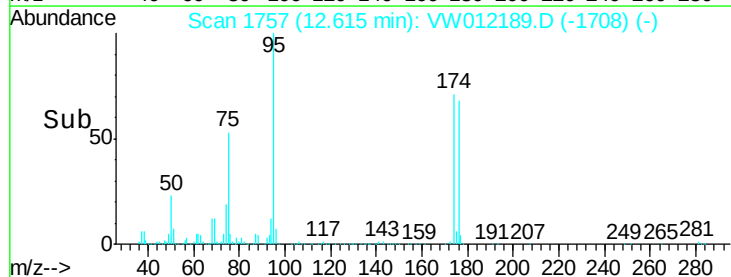
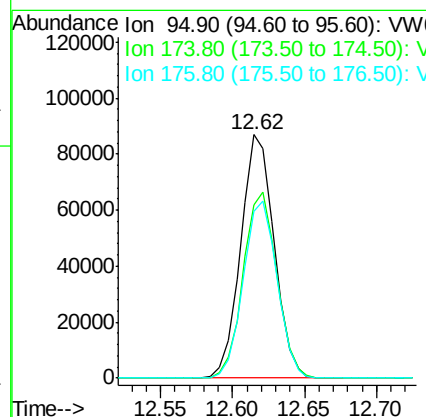
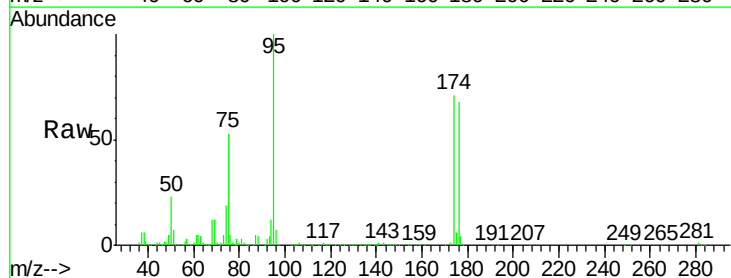
Tgt Ion: 95 Resp: 140237

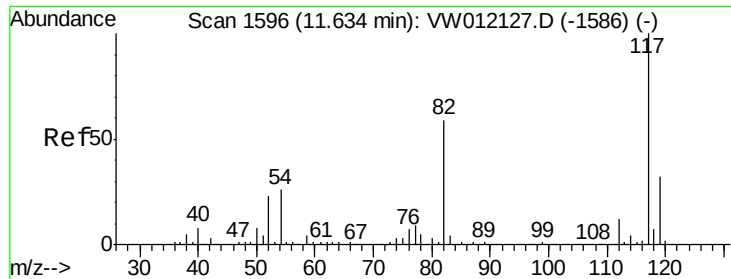
Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.8

176 73.5 0.0 148.6

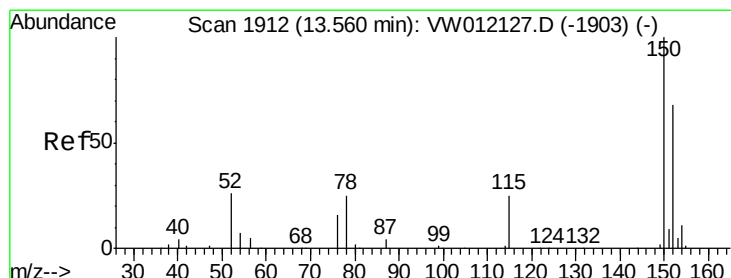
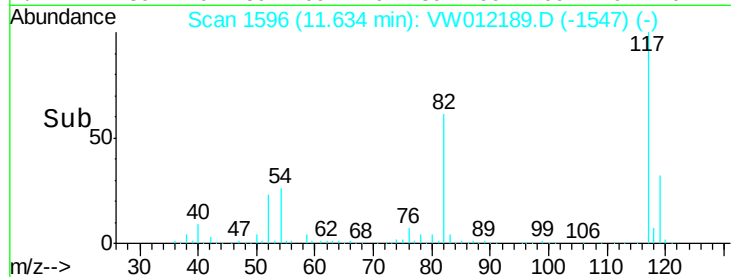
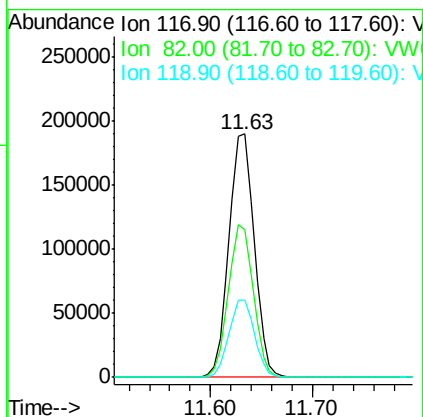
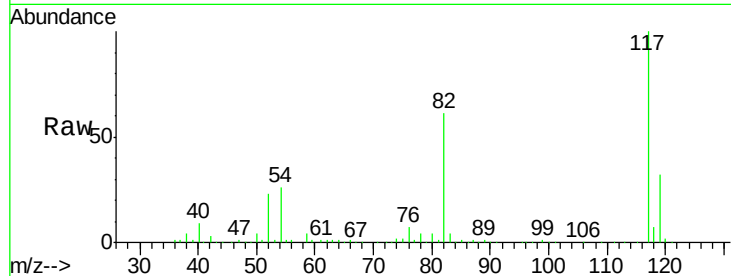




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012189.D
Acq: 26 Aug 2019 23:24

Instrument :
MSVOA_W
ClientSampleId :
T1-S3-(0)

Tot Ion:117 Resp: 325195
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.9 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: VW012189.D
Acq: 26 Aug 2019 23:24

Tgt Ion:152 Resp: 109084
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 155.4 0.0 345.8

