

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012147.D
 Acq On : 23 Aug 2019 21:33
 Operator : SY/VA
 Sample : K4474-10
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K1-(0)

Quant Time: Aug 26 08:08:23 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

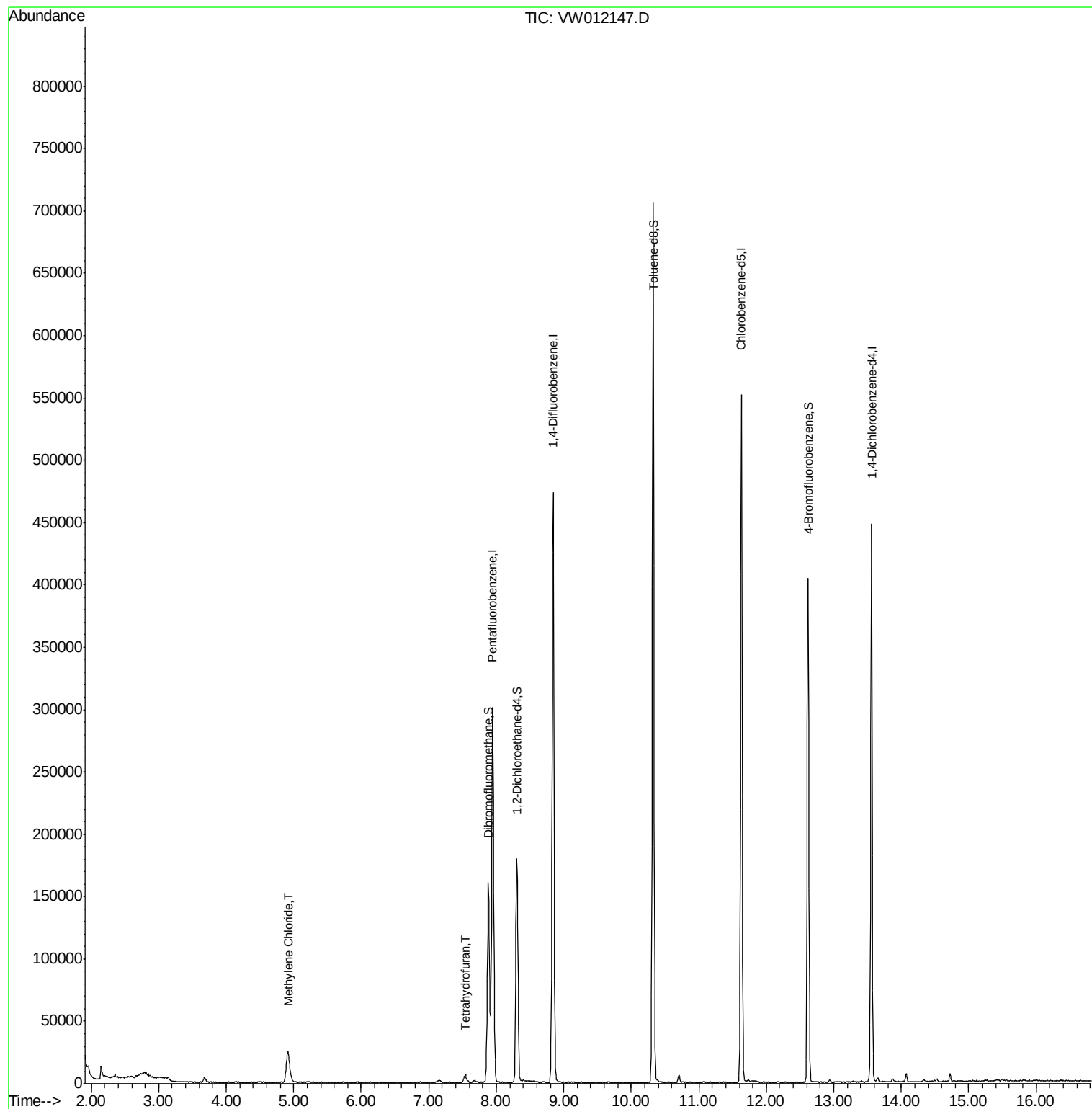
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143105	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	112933	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	10.32	98	439632	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.62	95	132181	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
20) Methylene Chloride	4.92	84	19640	8.005	ug/l	97
29) Tetrahydrofuran	7.54	42	5792	10.946	ug/l	96

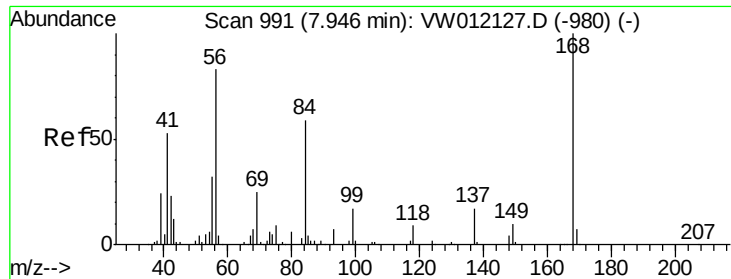
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082319\
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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: VW012147.D

Acq: 23 Aug 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

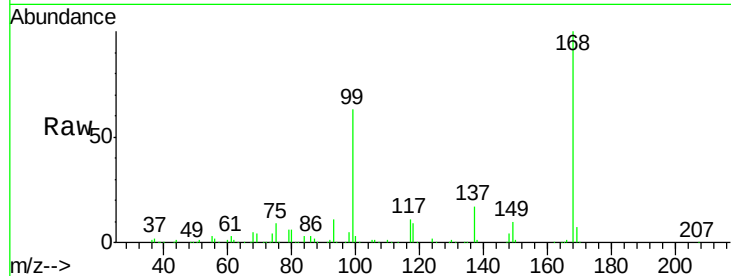
T1-2-K1-(0)

Tot Ion:168 Resp: 213583

Ion Ratio Lower Upper

168 100

99 62.7 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

100000

80000

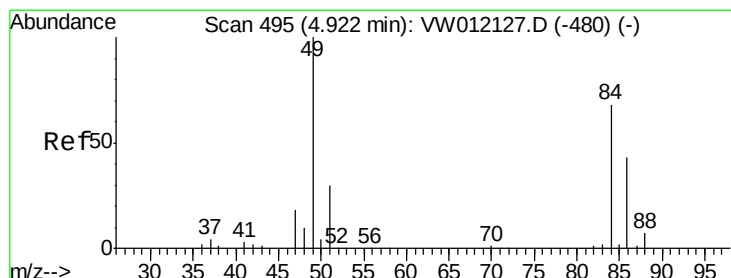
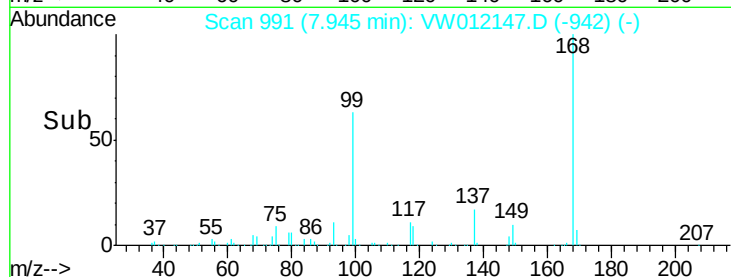
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.005 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012147.D

Acq: 23 Aug 2019 21:33

Tgt Ion: 84 Resp: 19640

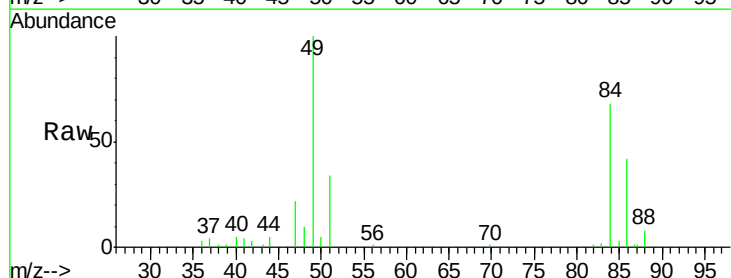
Ion Ratio Lower Upper

84 100

49 145.5 117.8 176.8

51 49.7 35.6 53.4

86 61.3 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

12000

10000

8000

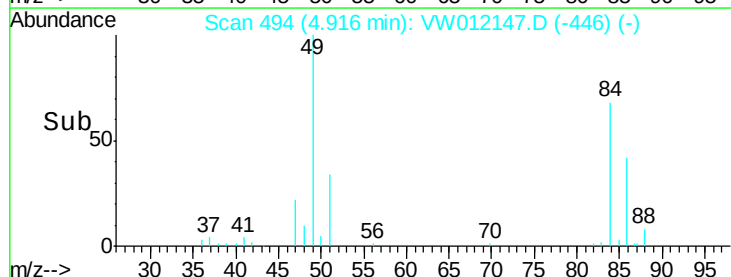
6000

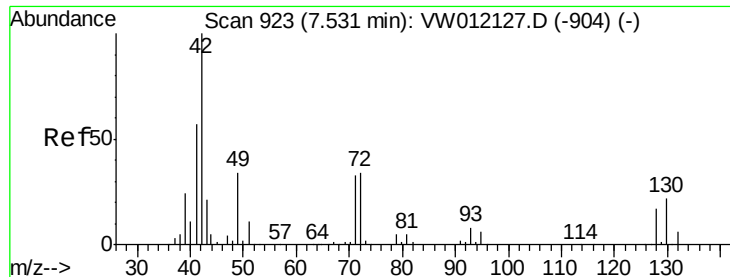
4000

2000

0

Time-->





#29

Tetrahydrofuran

Concen: 10.946 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012147.D

Acq: 23 Aug 2019 21:33

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K1-(0)

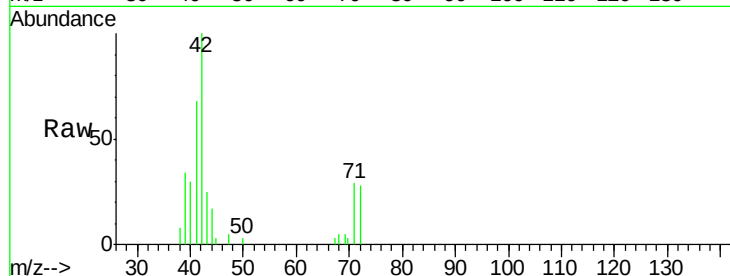
Tot Ion: 42 Resp: 5792

Ion Ratio Lower Upper

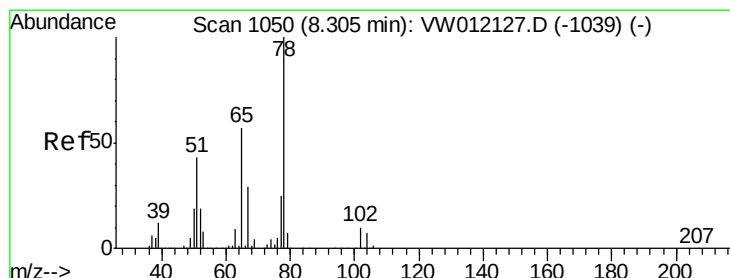
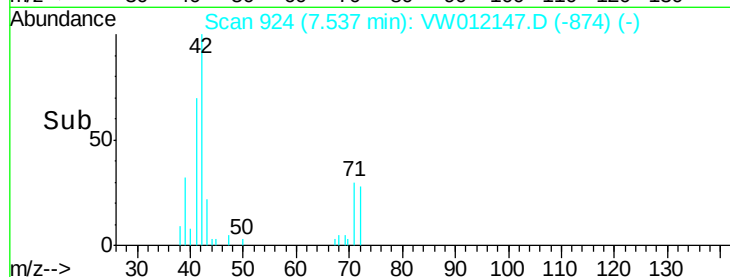
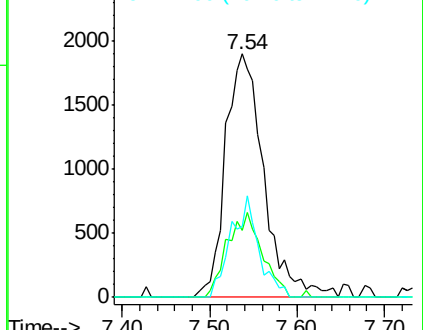
42 100

72 31.5 27.3 40.9

71 30.2 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: 56.363 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012147.D

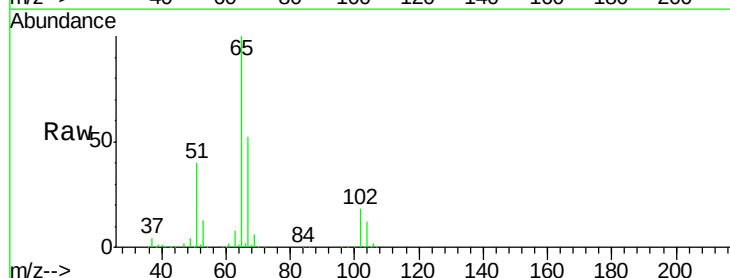
Acq: 23 Aug 2019 21:33

Tgt Ion: 65 Resp: 143105

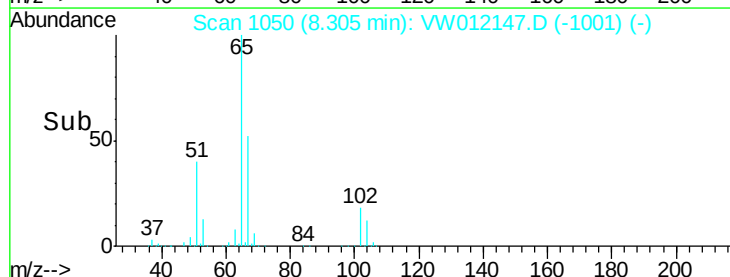
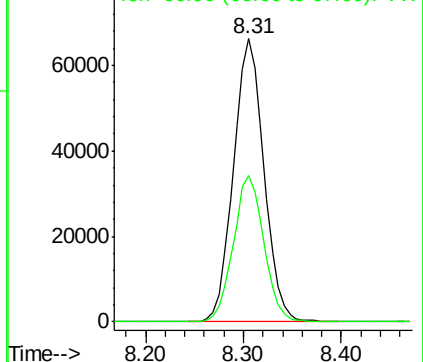
Ion Ratio Lower Upper

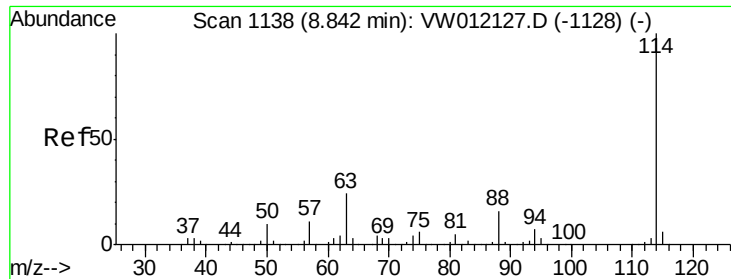
65 100

67 51.5 0.0 102.6



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

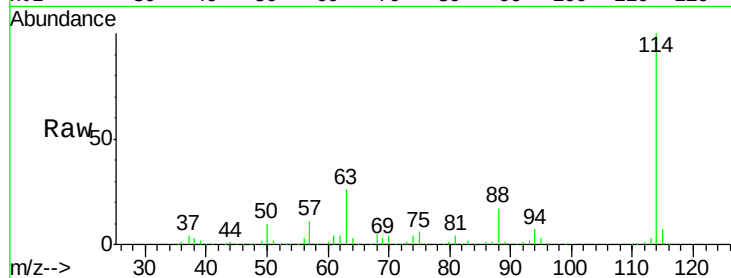




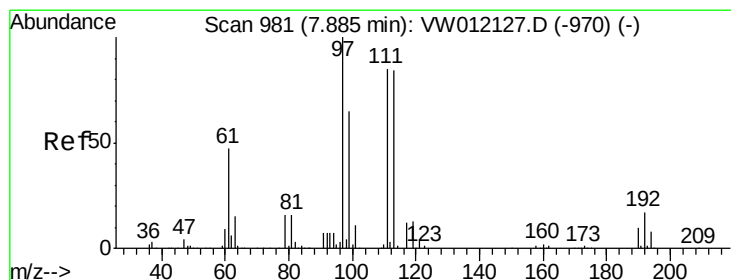
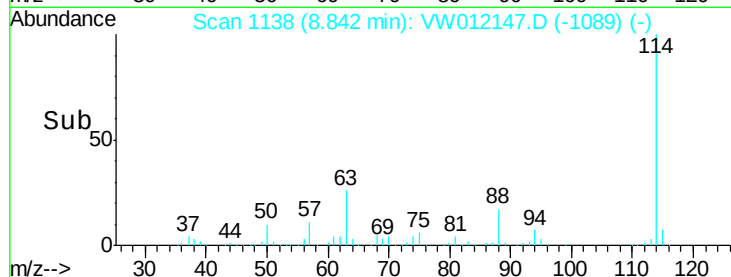
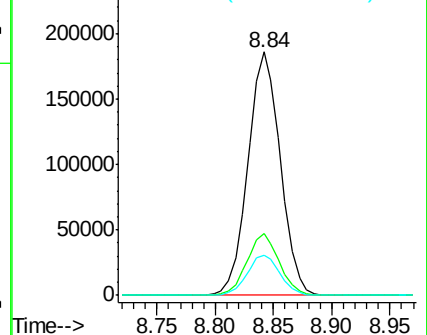
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012147.D
Acq: 23 Aug 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K1-(0)

Tot Ion:114 Resp: 360041
Ion Ratio Lower Upper
114 100
63 25.6 0.0 48.6
88 16.6 0.0 32.2

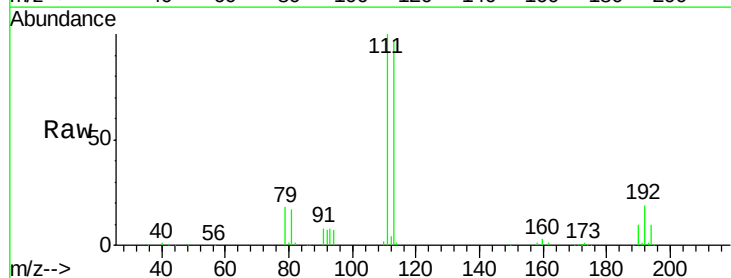


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

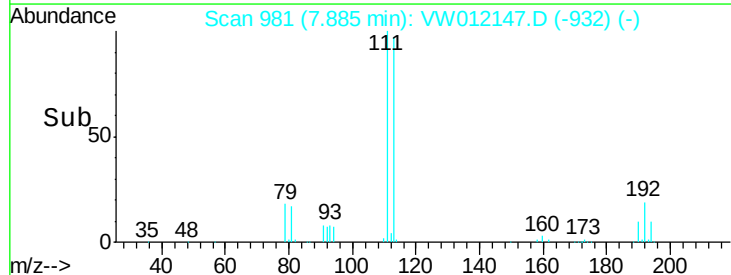
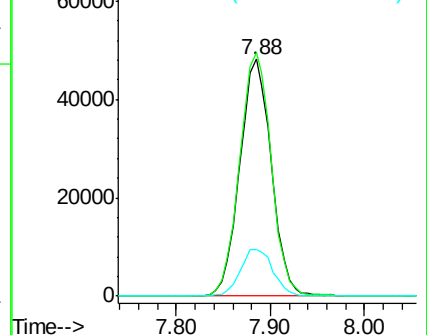


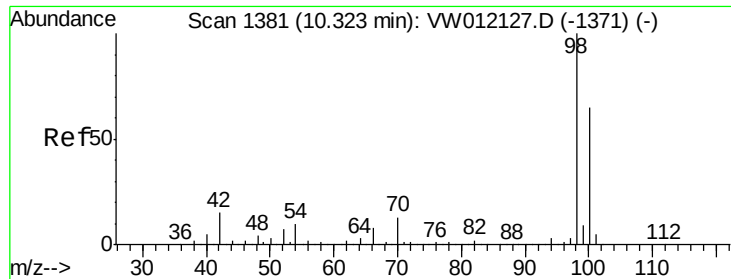
#35
Dibromofluoromethane
Concen: 52.549 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012147.D
Acq: 23 Aug 2019 21:33

Tgt Ion:113 Resp: 112933
Ion Ratio Lower Upper
113 100
111 103.2 82.7 124.1
192 20.4 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

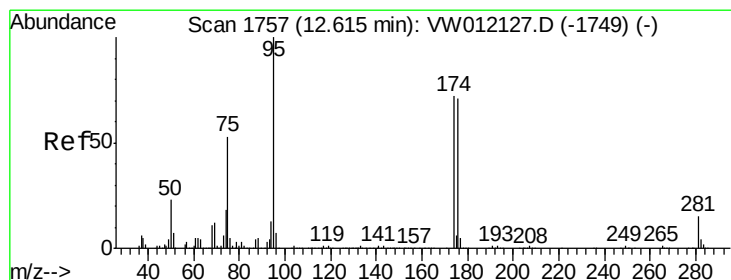
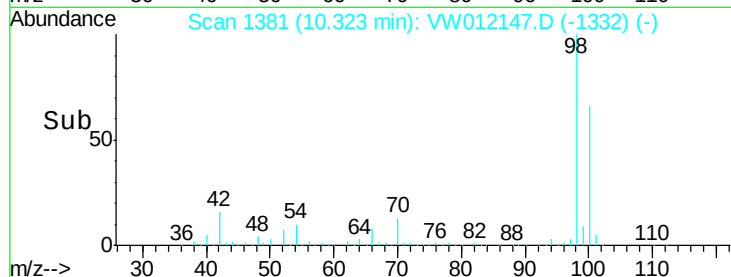
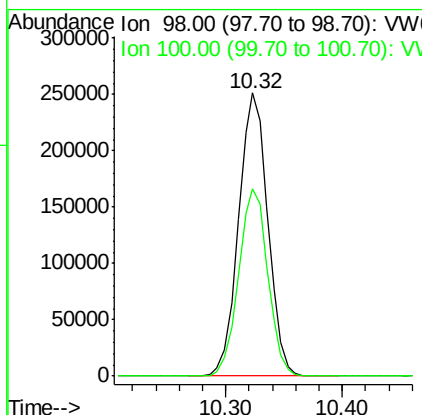
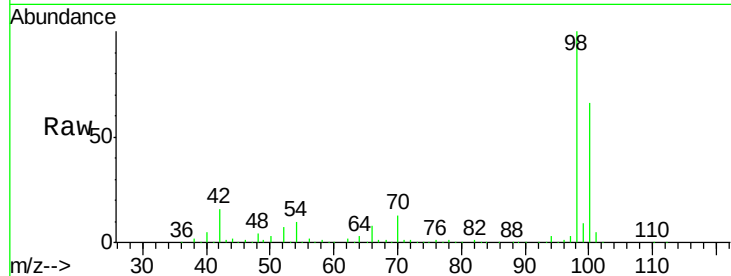




#50
Toluene-d8
Concen: 50.451 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012147.D
Acq: 23 Aug 2019 21:33

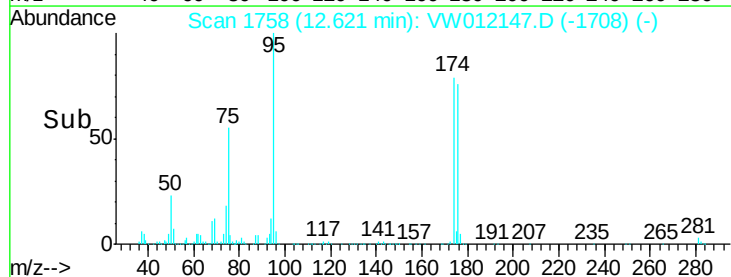
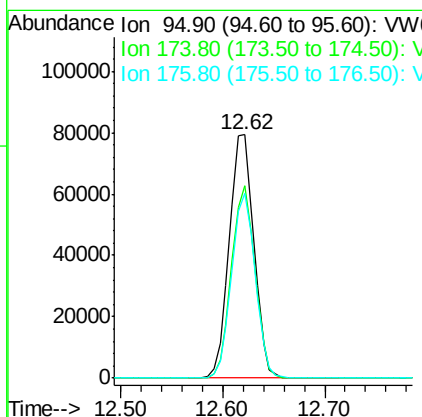
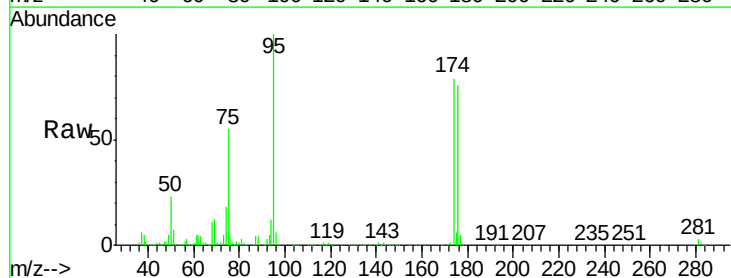
Instrument :
MSVOA_W
ClientSampled :
T1-2-K1-(0)

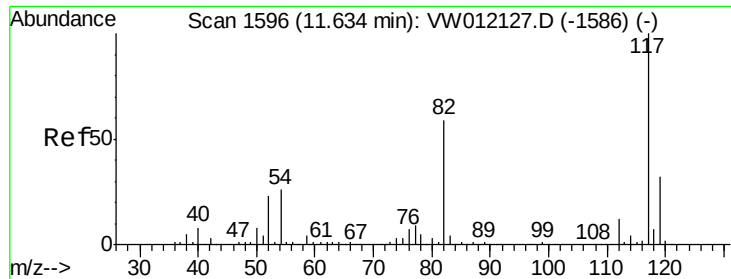
Tot Ion: 98 Resp: 439632
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012147.D
Acq: 23 Aug 2019 21:33

Tgt Ion: 95 Resp: 132181
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.8
176 72.8 0.0 148.6

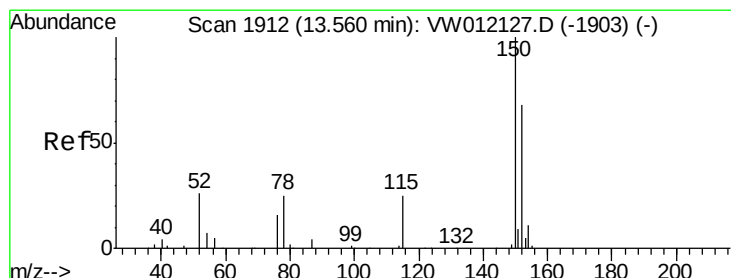
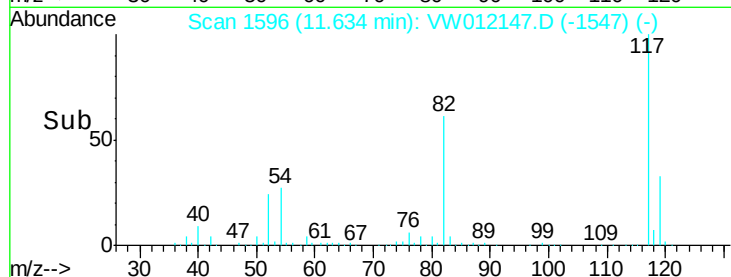
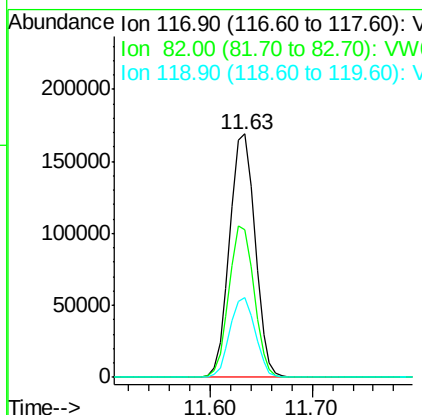
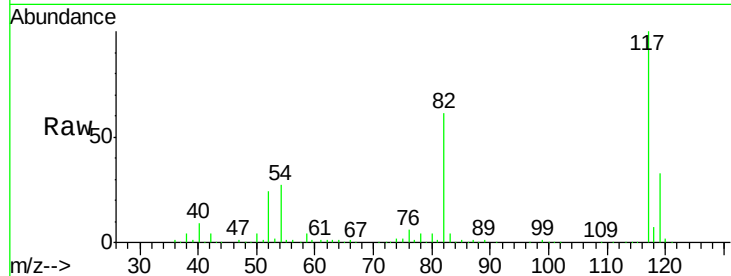




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012147.D
Acq: 23 Aug 2019 21:33

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K1-(0)

Tot Ion:117 Resp: 292481
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.6 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: VW012147.D
Acq: 23 Aug 2019 21:33

Tgt Ion:152 Resp: 107603
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 158.9 0.0 345.8

