

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012150.D
 Acq On : 23 Aug 2019 22:50
 Operator : SY/VA
 Sample : K4474-13
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K2-(2.5)

Quant Time: Aug 26 08:21:49 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

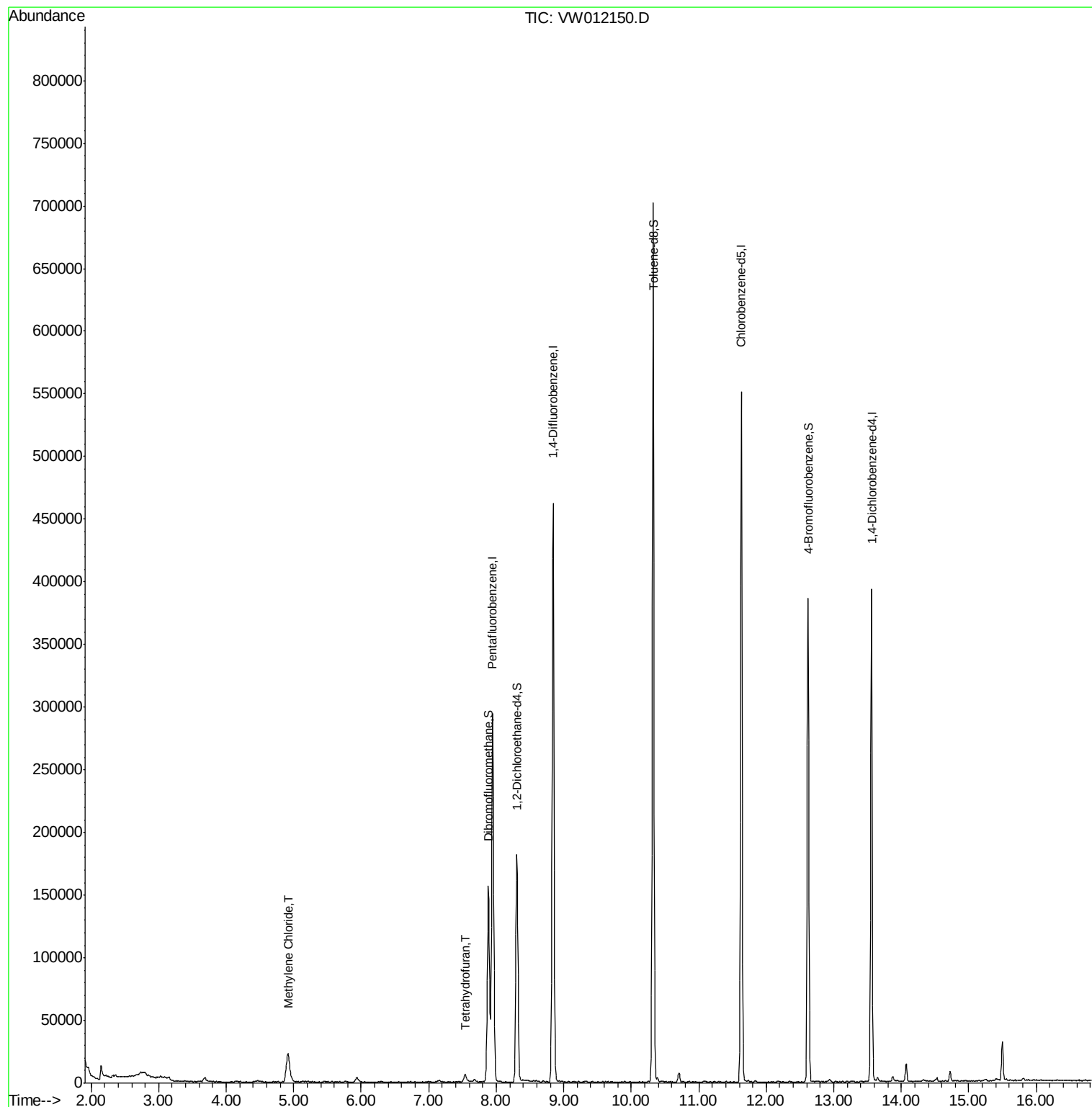
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	95552	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141994	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	110823	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.32	98	434470	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.62	95	124389	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
Target Compounds						
20) Methylene Chloride	4.91	84	18015	7.435	ug/l	96
29) Tetrahydrofuran	7.54	42	5639	10.791	ug/l	97

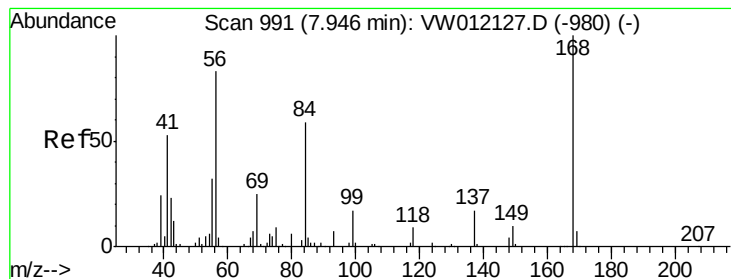
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012150.D

Acq: 23 Aug 2019 22:50

Instrument :

MSVOA_W

ClientSampleId :

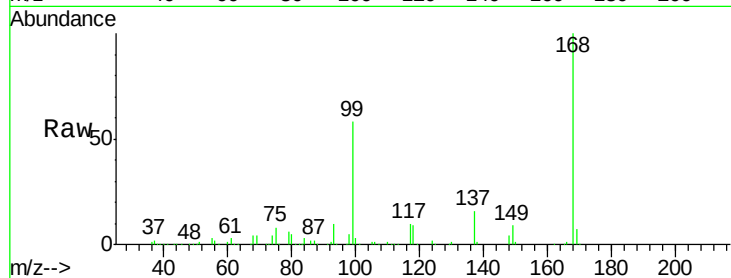
T1-2-K2-(2.5)

Tot Ion:168 Resp: 210931

Ion Ratio Lower Upper

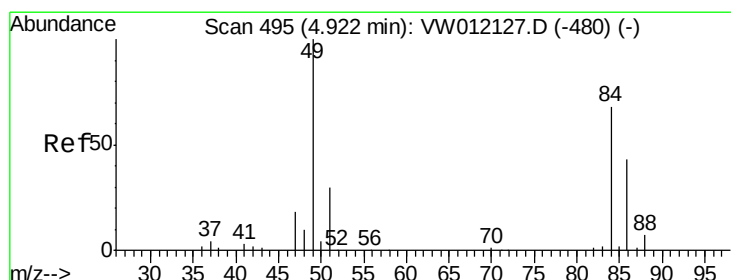
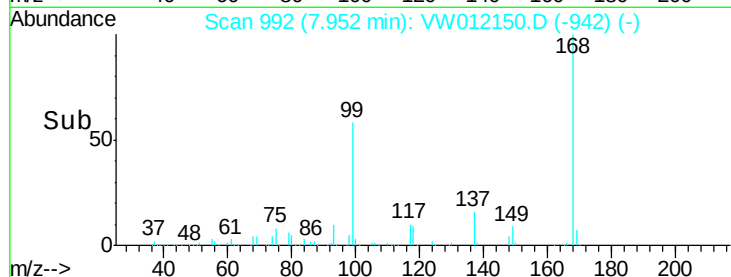
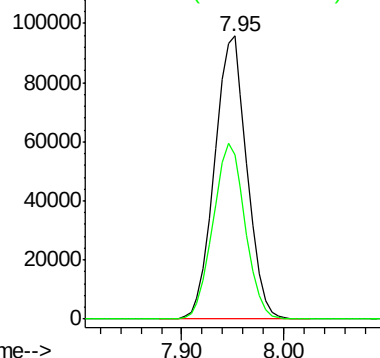
168 100

99 58.2 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: 7.435 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012150.D

Acq: 23 Aug 2019 22:50

Tgt Ion: 84 Resp: 18015

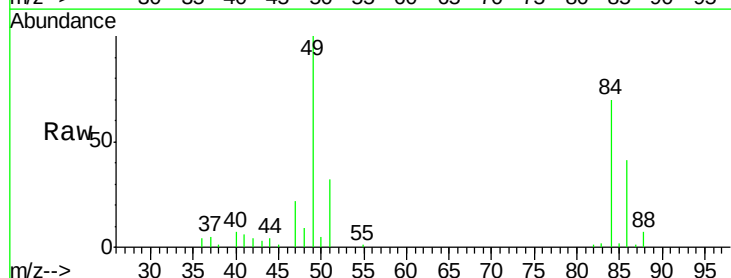
Ion Ratio Lower Upper

84 100

49 142.2 117.8 176.8

51 46.4 35.6 53.4

86 58.9 51.2 76.8

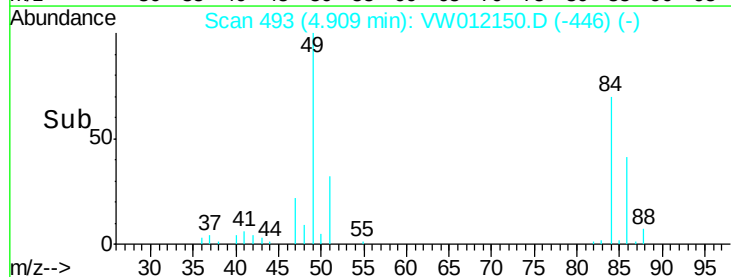
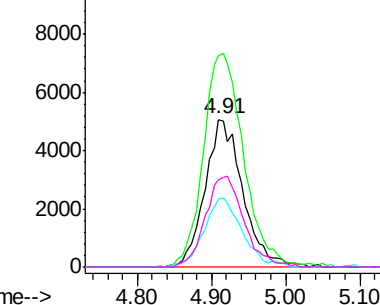


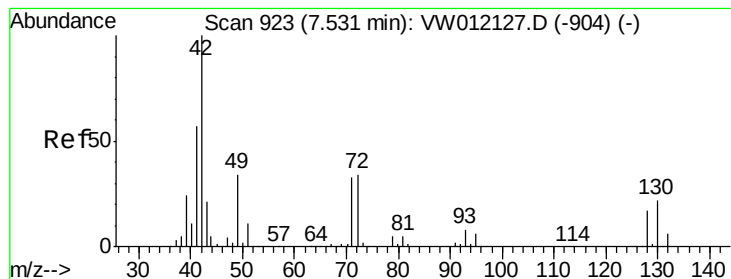
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 10.791 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012150.D

Acq: 23 Aug 2019 22:50

Instrument :

MSVOA_W

ClientSampled :

T1-2-K2-(2.5)

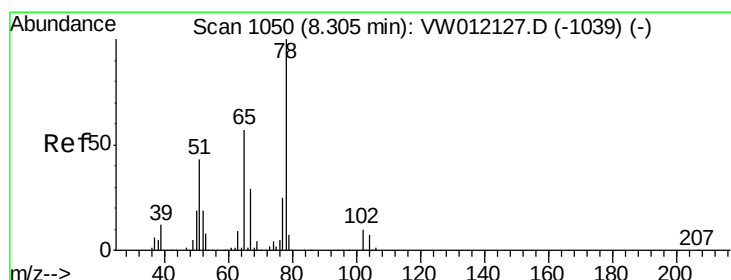
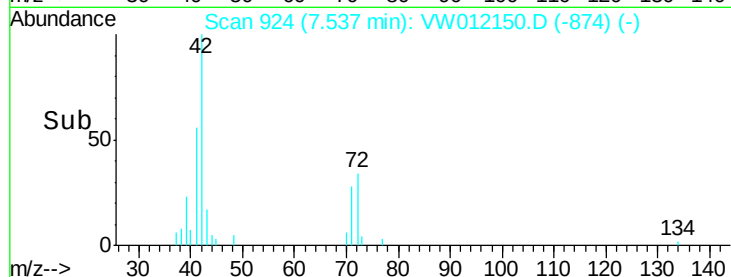
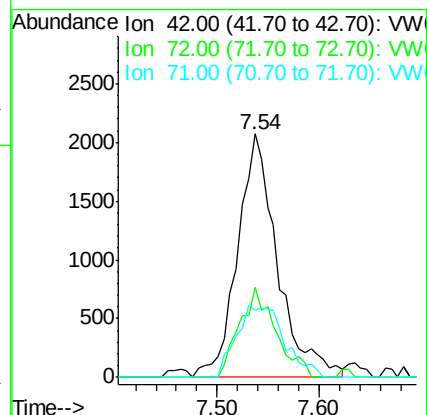
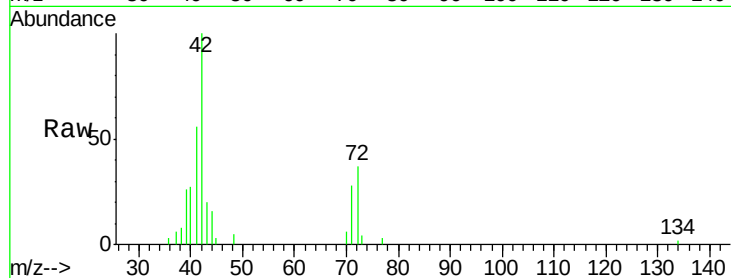
Tot Ion: 42 Resp: 5639

Ion Ratio Lower Upper

42 100

72 33.7 27.3 40.9

71 35.1 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 56.629 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012150.D

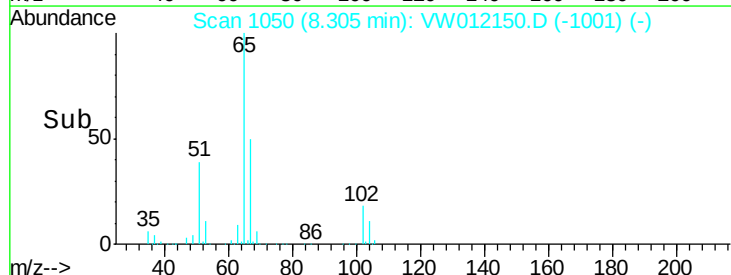
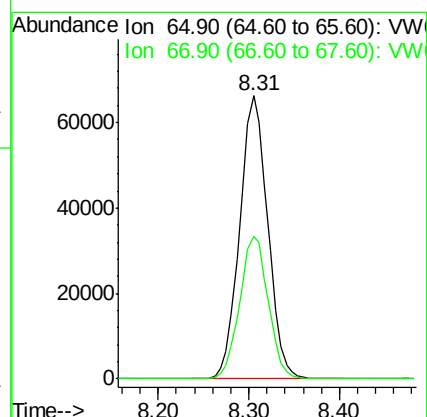
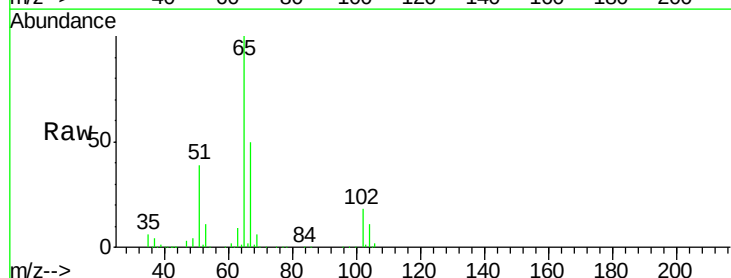
Acq: 23 Aug 2019 22:50

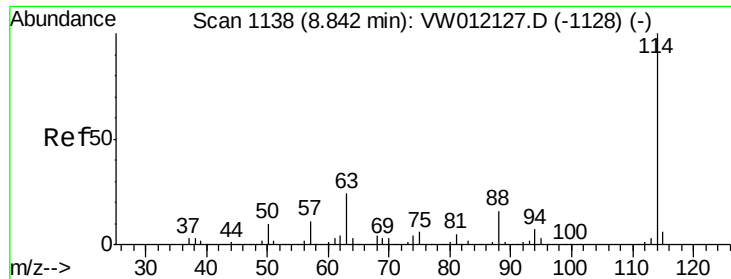
Tgt Ion: 65 Resp: 141994

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6

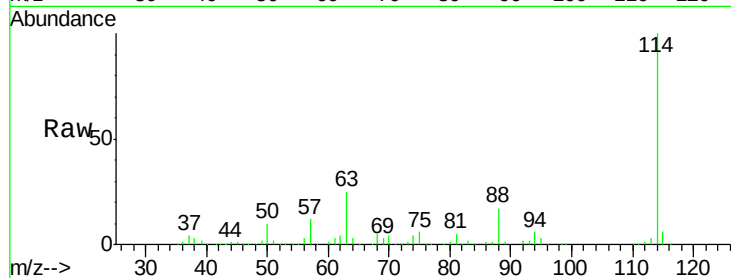




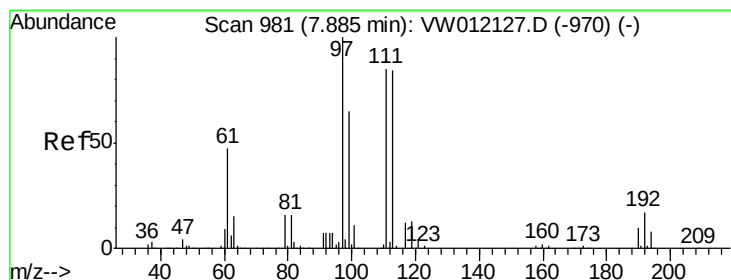
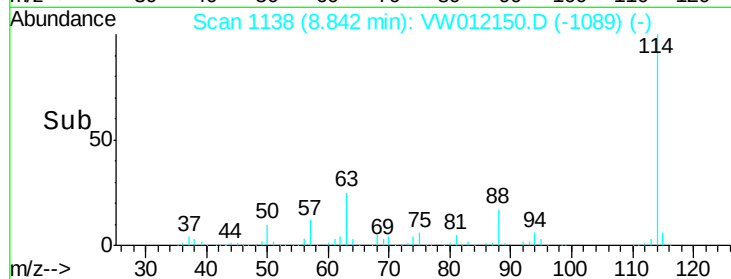
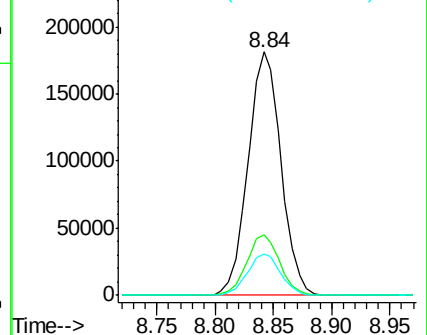
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012150.D
 Acq: 23 Aug 2019 22:50

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K2-(2.5)

Tot Ion:114 Resp: 356964
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.2 0.0 32.2

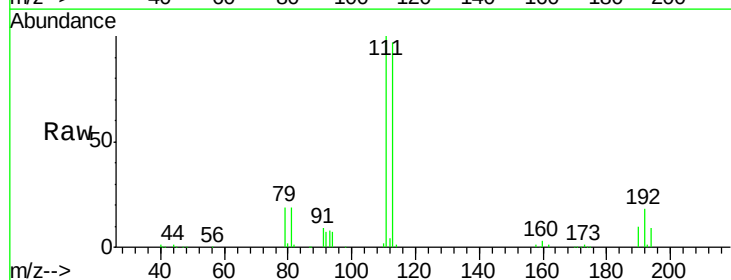


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

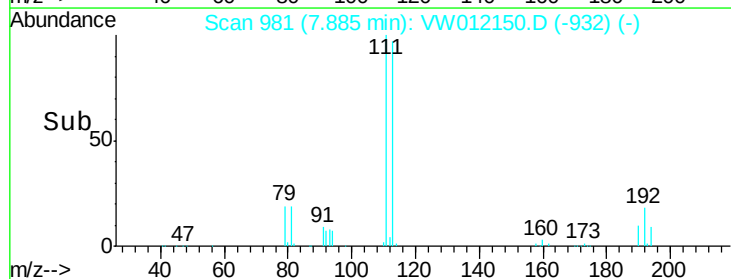
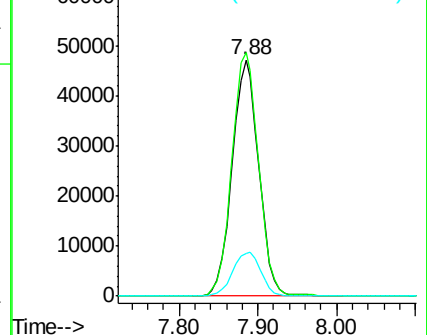


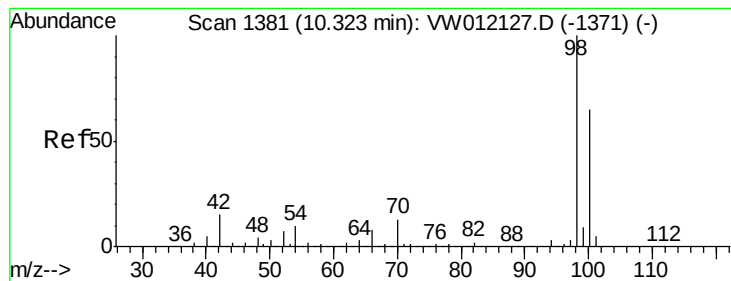
#35
 Dibromofluoromethane
 Concen: 52.012 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012150.D
 Acq: 23 Aug 2019 22:50

Tgt Ion:113 Resp: 110823
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 19.6 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

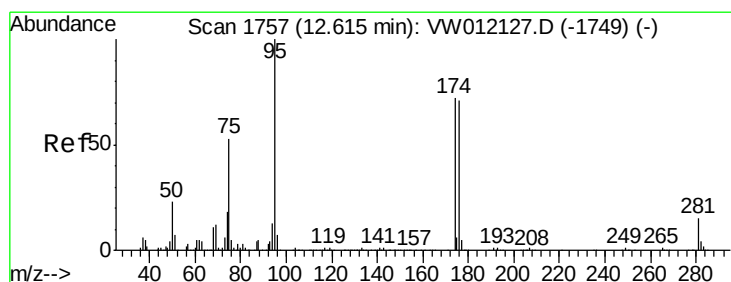
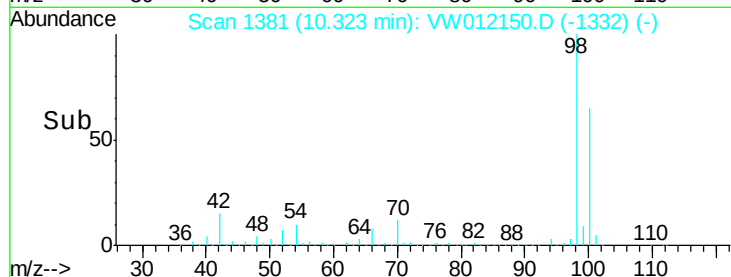
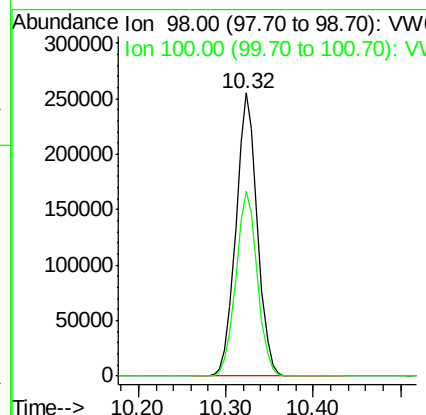
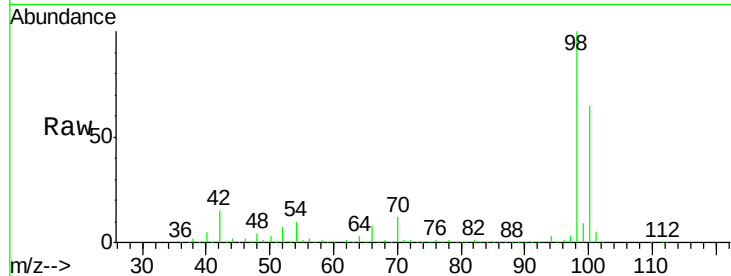




#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012150.D
Acq: 23 Aug 2019 22:50

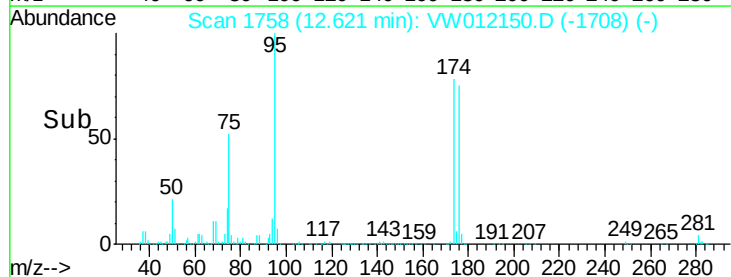
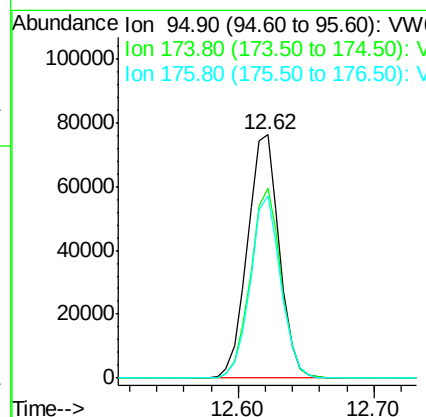
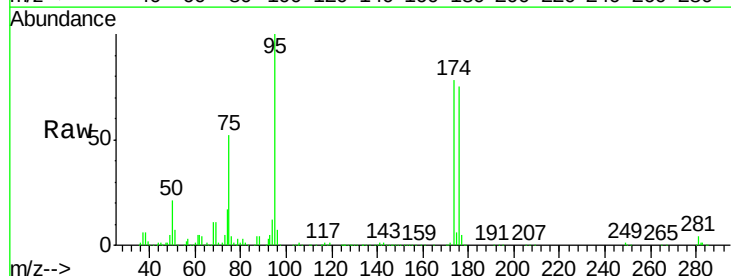
Instrument :
MSVOA_W
ClientSampleId :
T1-2-K2-(2.5)

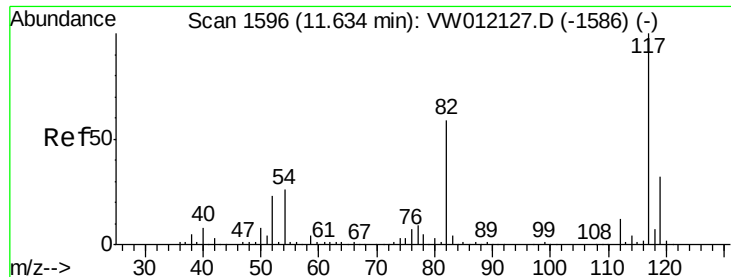
Tot Ion: 98 Resp: 434470
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.845 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012150.D
Acq: 23 Aug 2019 22:50

Tgt Ion: 95 Resp: 124389
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.8
176 72.1 0.0 148.6

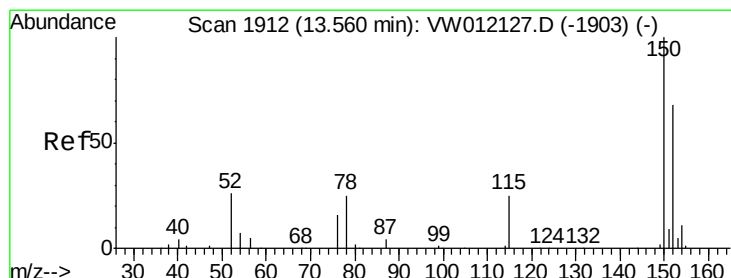
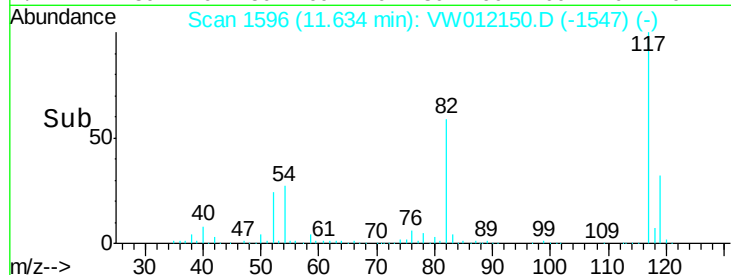
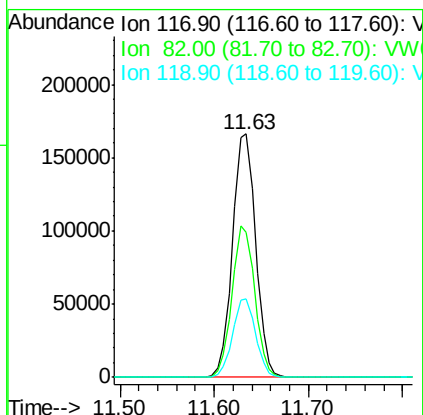
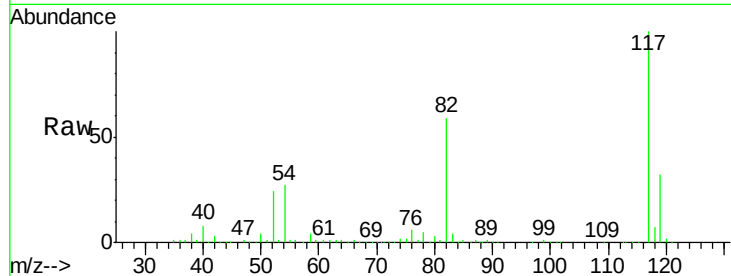




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012150.D
Acq: 23 Aug 2019 22:50

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K2-(2.5)

Tot Ion:117 Resp: 284925
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 32.2 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: VW012150.D
Acq: 23 Aug 2019 22:50

Tgt Ion:152 Resp: 95552
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.3
150 157.6 0.0 345.8

