

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012153.D
 Acq On : 24 Aug 2019 00:08
 Operator : SY/VA
 Sample : K4474-16
 Misc : 5.84G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-K4-(0)

Quant Time: Aug 26 08:28:29 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

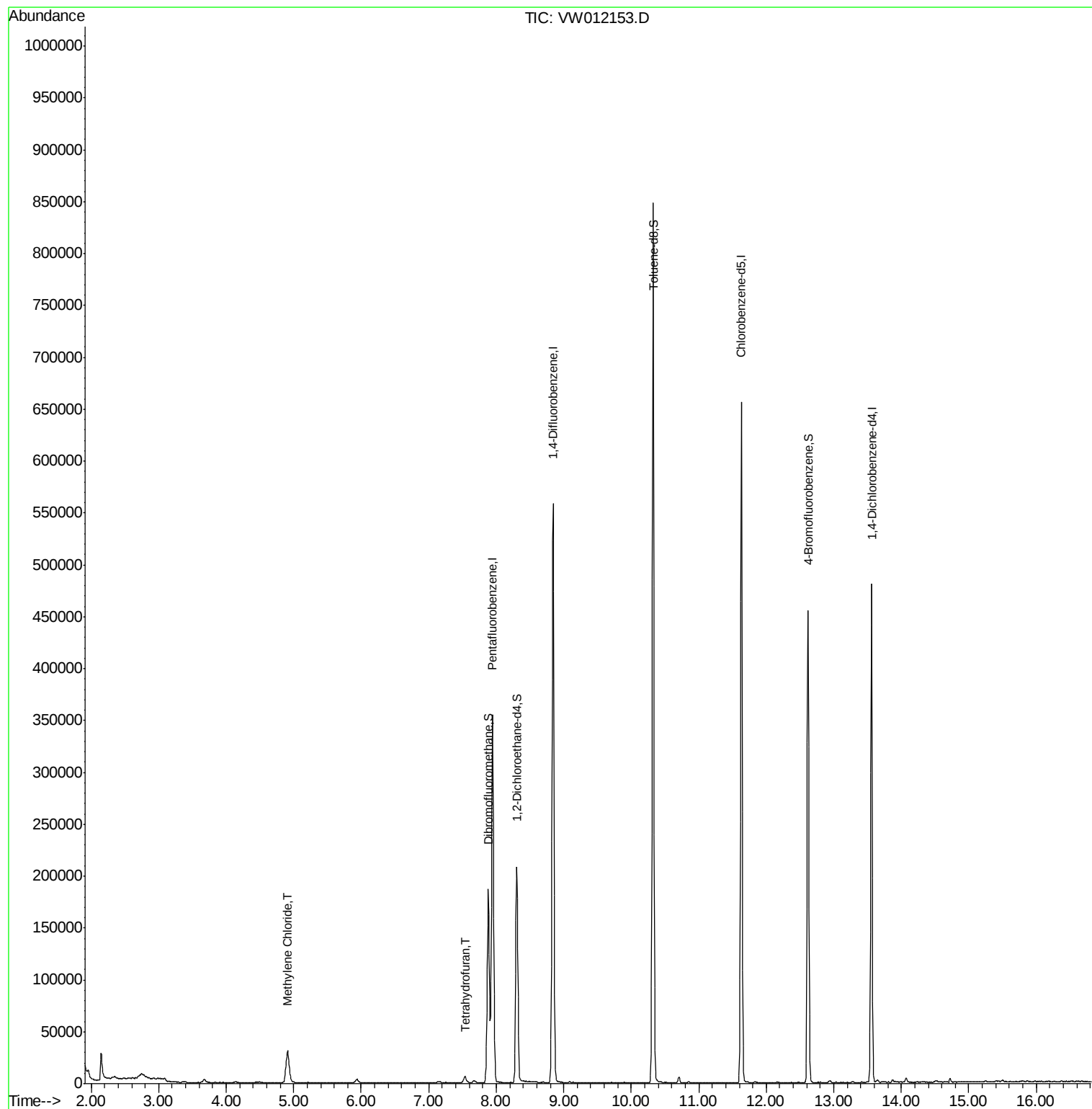
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166809	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	7.88	113	132305	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	10.32	98	527709	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	149612	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
Target Compounds						
20) Methylene Chloride	4.91	84	21865	7.520	ug/l	96
29) Tetrahydrofuran	7.53	42	5658	9.023	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082319\
Data File : VW012153.D
Acq On : 24 Aug 2019 00:08
Operator : SY/VA
Sample : K4474-16
Misc : 5.84G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K4-(0)

Quant Time: Aug 26 08:28:29 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: VW012153.D

Acq: 24 Aug 2019 00:08

Instrument :

MSVOA_W

ClientSampleId :

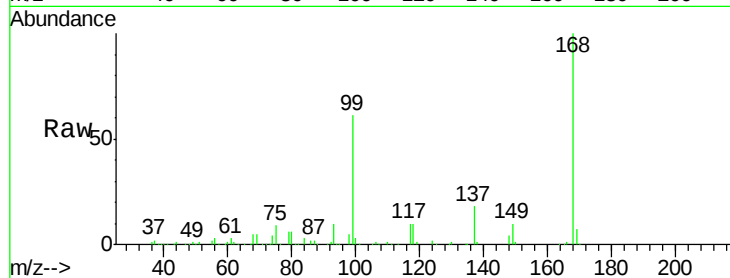
T1-2-K4-(0)

Tot Ion:168 Resp: 253119

Ion Ratio Lower Upper

168 100

99 61.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

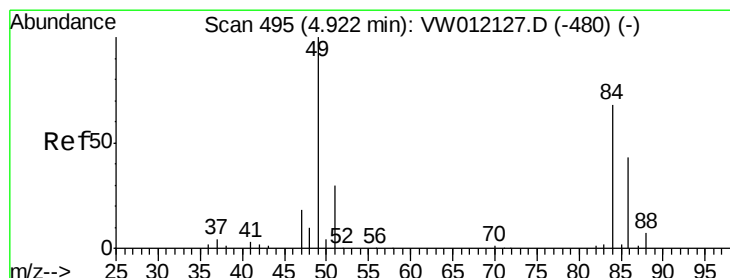
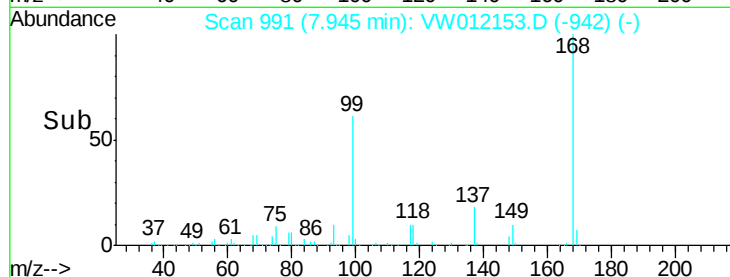
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 7.520 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012153.D

Acq: 24 Aug 2019 00:08

Tgt Ion: 84 Resp: 21865

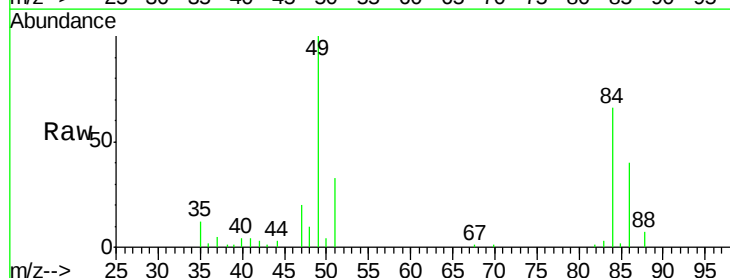
Ion Ratio Lower Upper

84 100

49 150.8 117.8 176.8

51 50.5 35.6 53.4

86 60.3 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

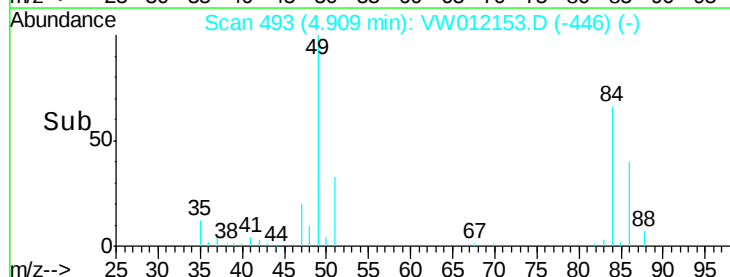
15000

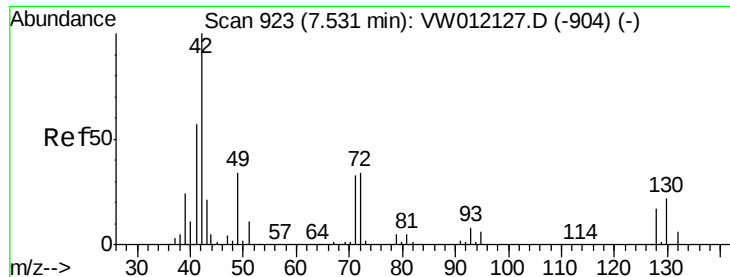
10000

5000

0

Time--> 4.80 4.90 5.00

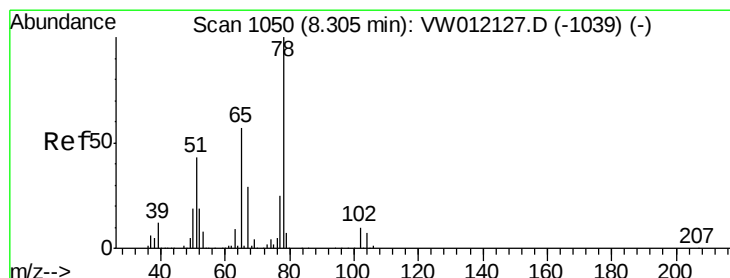
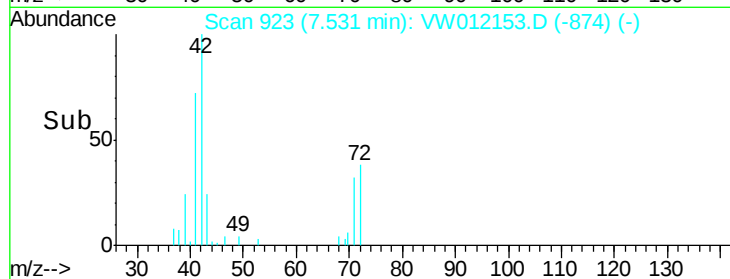
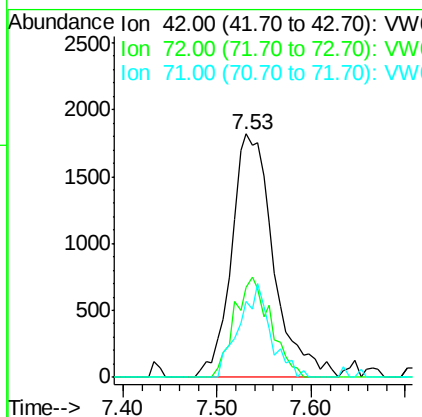
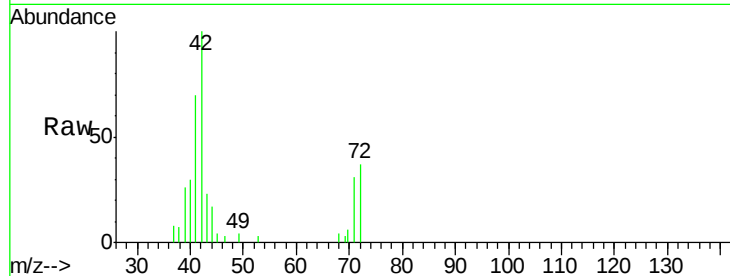




#29
Tetrahydrofuran
Concen: 9.023 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012153.D
Acq: 24 Aug 2019 00:08

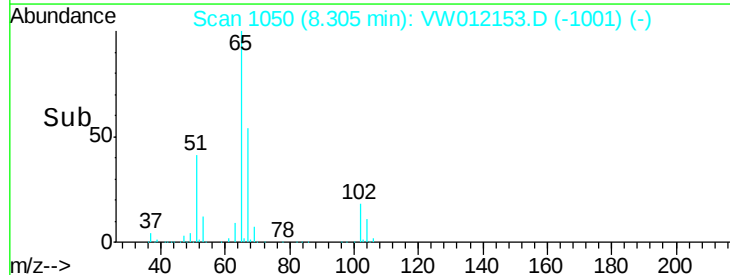
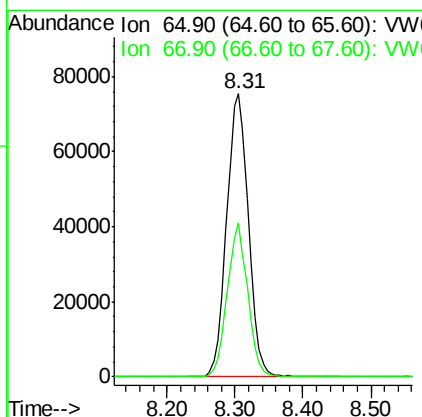
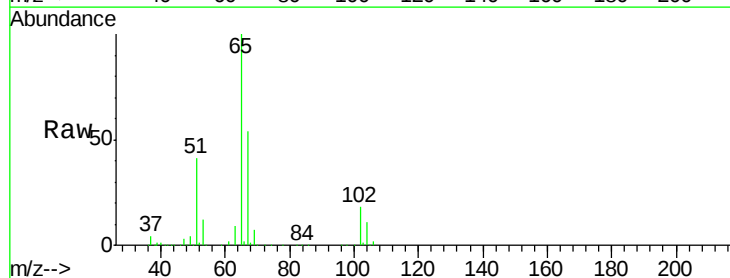
Instrument :
MSVOA_W
ClientSampleId :
T1-2-K4-(0)

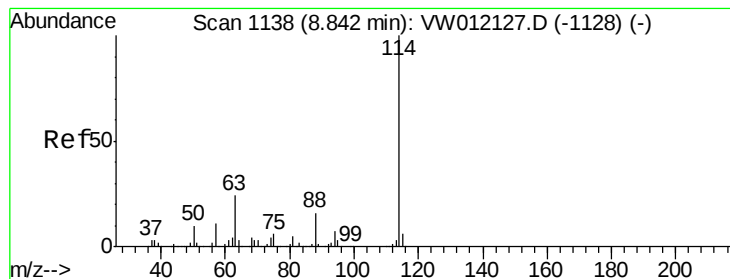
Tot Ion	Ratio	Lower	Upper
42	100		
72	35.4	27.3	40.9
71	28.8	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 55.437 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012153.D
Acq: 24 Aug 2019 00:08

Tgt 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: VW012153.D

Acq: 24 Aug 2019 00:08

Instrument :

MSVOA_W

ClientSampleId :

T1-2-K4-(0)

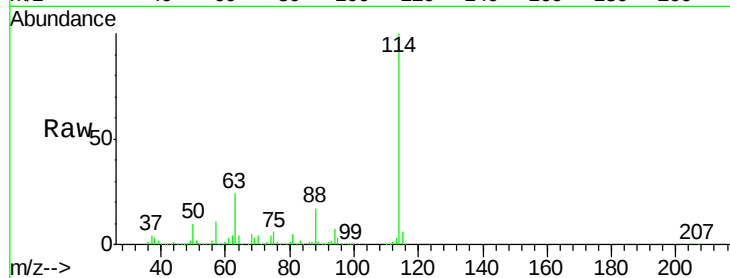
Tot Ion:114 Resp: 429140

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

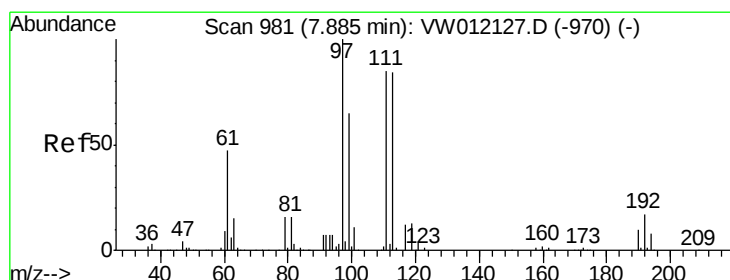
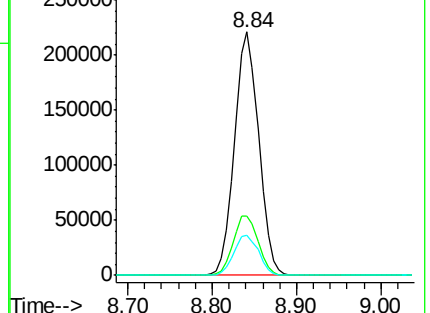
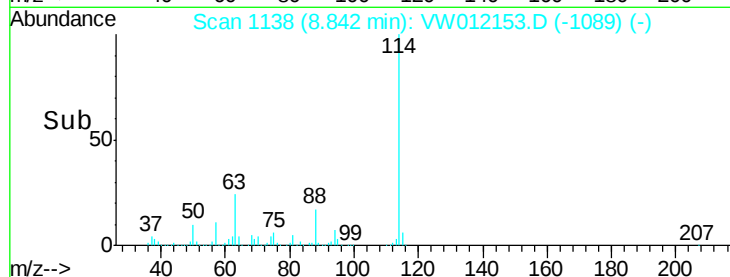
88 16.6 0.0 32.2



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: 51.650 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012153.D

Acq: 24 Aug 2019 00:08

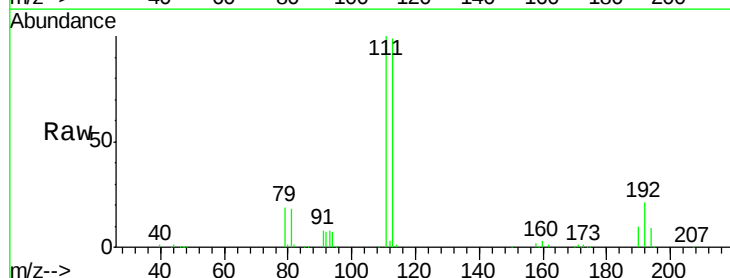
Tgt Ion:113 Resp: 132305

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

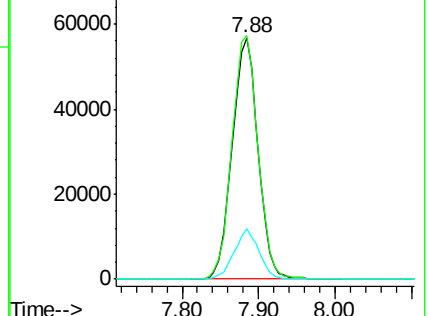
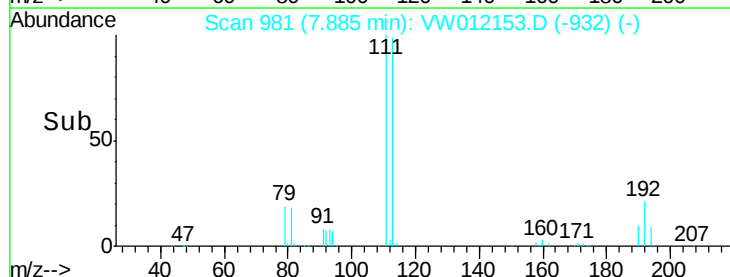
192 19.9 16.2 24.2

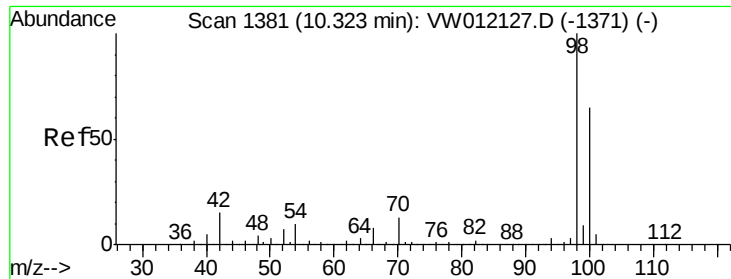


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

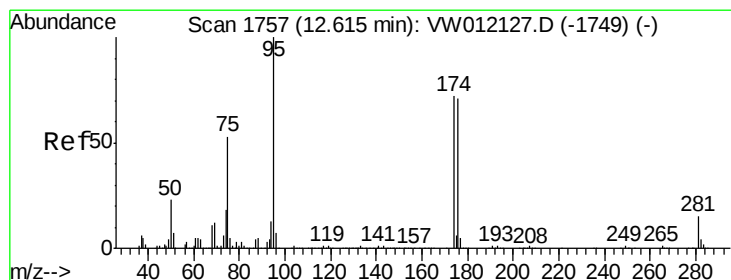
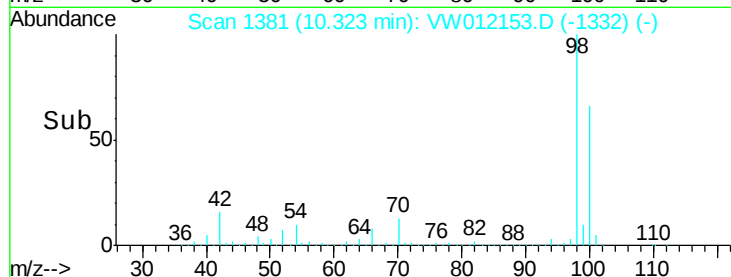
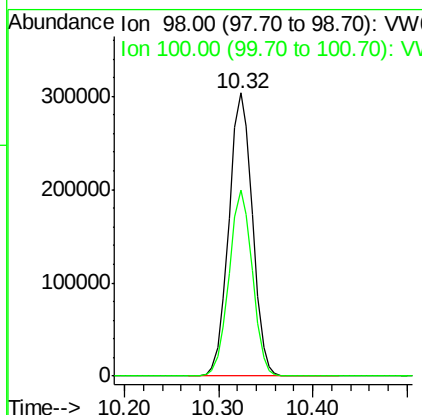
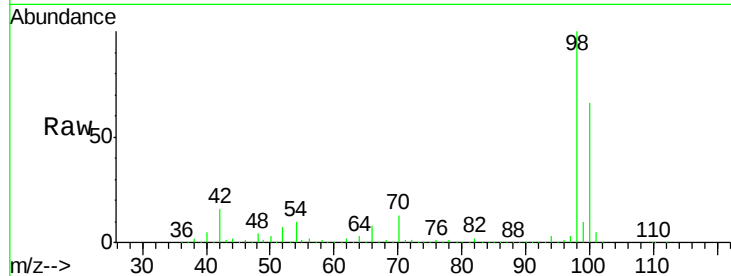




#50
Toluene-d8
Concen: 50.808 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012153.D
Acq: 24 Aug 2019 00:08

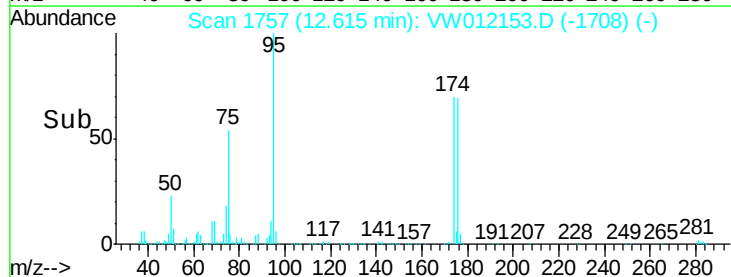
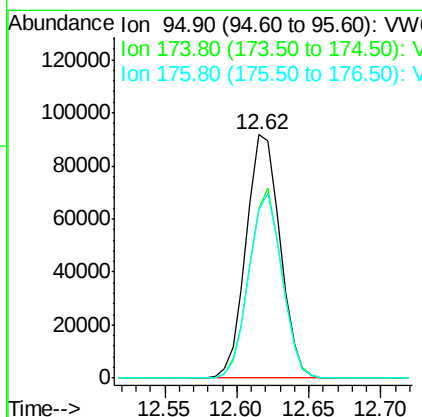
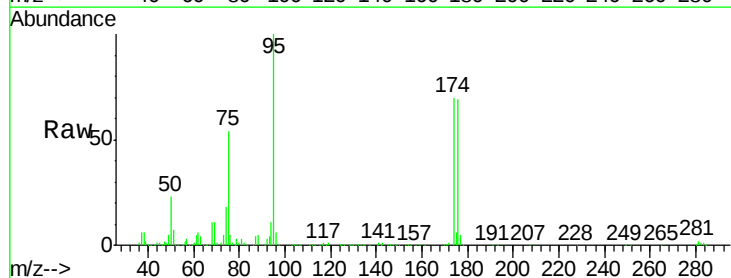
Instrument :
MSVOA_W
ClientSampled :
T1-2-K4-(0)

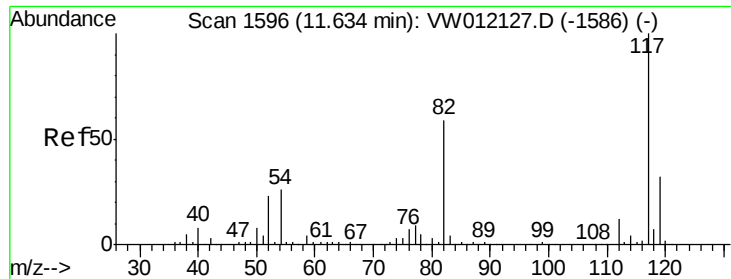
Tot Ion: 98 Resp: 527709
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.864 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012153.D
Acq: 24 Aug 2019 00:08

Tgt Ion: 95 Resp: 149612
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.8
176 73.9 0.0 148.6

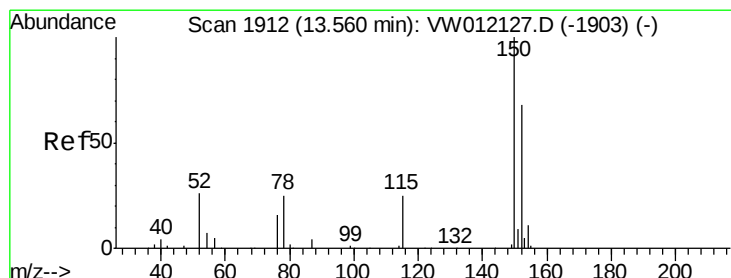
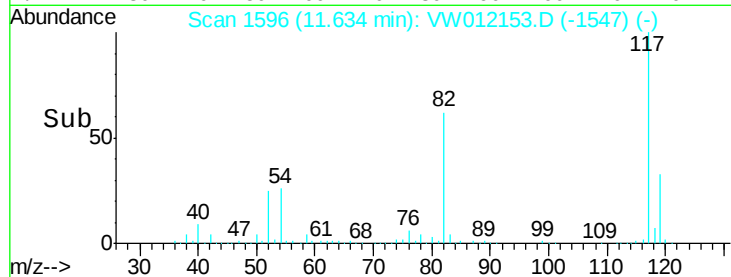
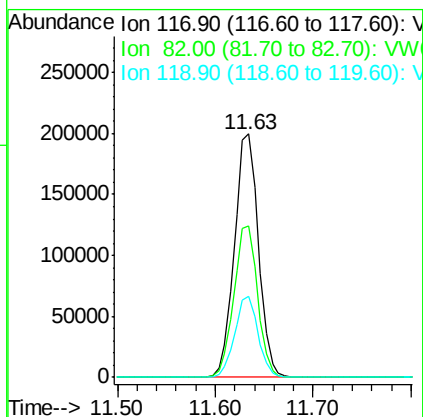
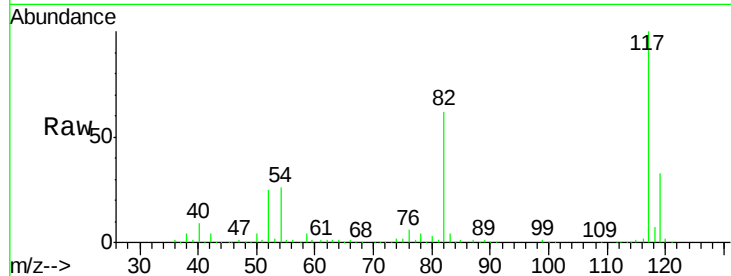




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012153.D
Acq: 24 Aug 2019 00:08

Instrument :
MSVOA_W
ClientSampleId :
T1-2-K4-(0)

Tot Ion:117 Resp: 339955
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 33.3 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: VW012153.D
Acq: 24 Aug 2019 00:08

Tgt Ion:152 Resp: 114191
Ion Ratio Lower Upper
152 100
115 61.3 30.1 90.3
150 159.6 0.0 345.8

