

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012674.D
 Acq On : 06 Sep 2019 06:31
 Operator : SY/VA
 Sample : K4581-03
 Misc : 4.27G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-C1-(0)

Quant Time: Sep 06 08:53:46 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

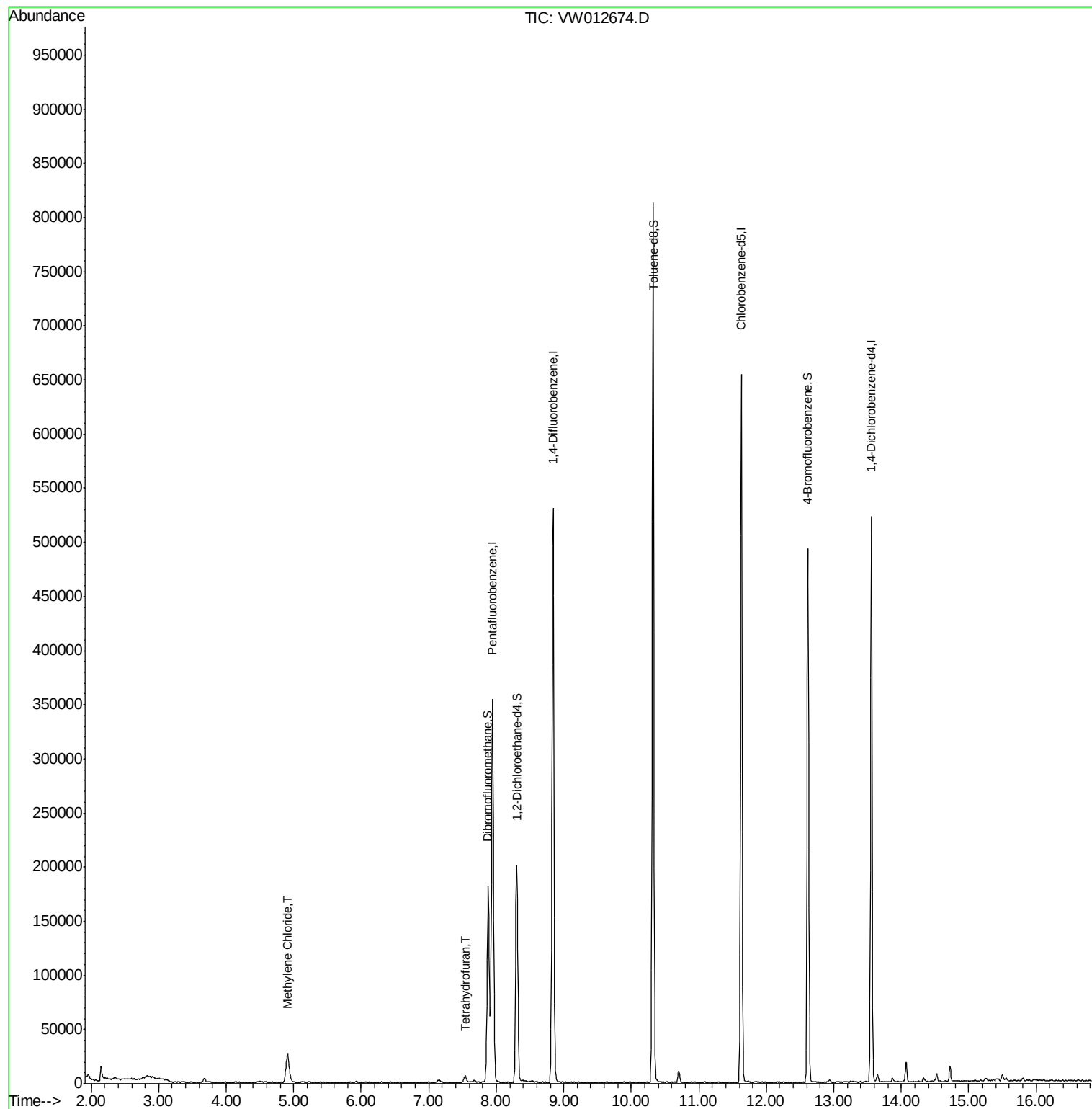
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	167625	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.88	113	127554	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.32	98	509584	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.62	95	154037	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
20) Methylene Chloride	4.91	84	19703	6.551	ug/l	98
29) Tetrahydrofuran	7.54	42	5491	8.465	ug/l	99

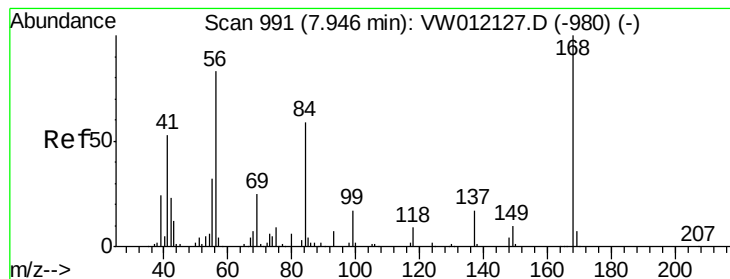
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
Data File : VW012674.D
Acq On : 06 Sep 2019 06:31
Operator : SY/VA
Sample : K4581-03
Misc : 4.27G/5ML/MSVOA W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-C1-(0)

Quant Time: Sep 06 08:53:46 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: VW012674.D

Acq: 06 Sep 2019 06:31

Instrument :

MSVOA_W

ClientSampleId :

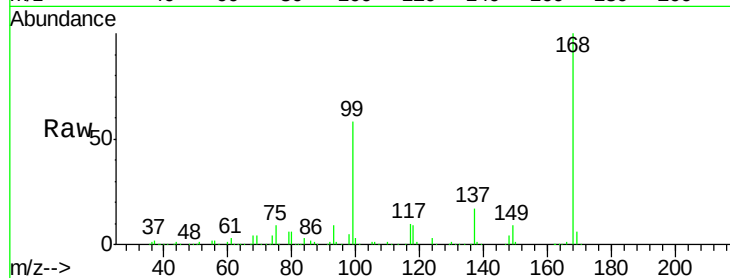
T12-C1-(0)

Tot Ion:168 Resp: 261833

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

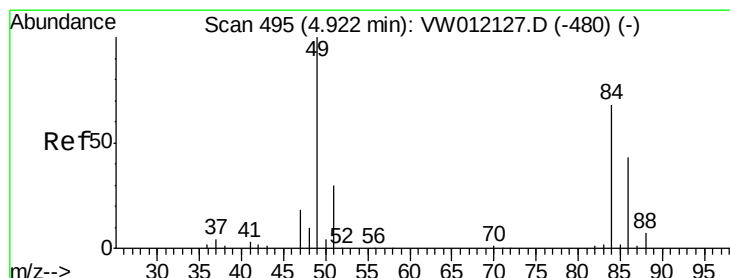
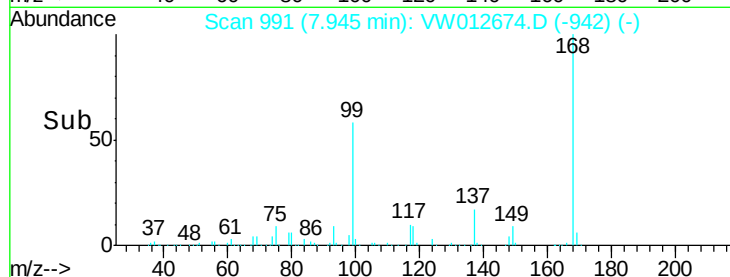
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 6.551 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012674.D

Acq: 06 Sep 2019 06:31

Tgt Ion: 84 Resp: 19703

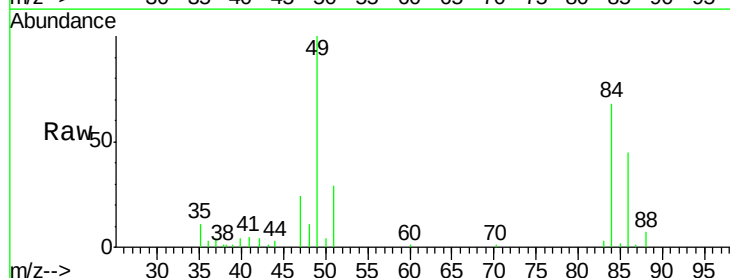
Ion Ratio Lower Upper

84 100

49 146.1 117.8 176.8

51 42.8 35.6 53.4

86 65.8 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

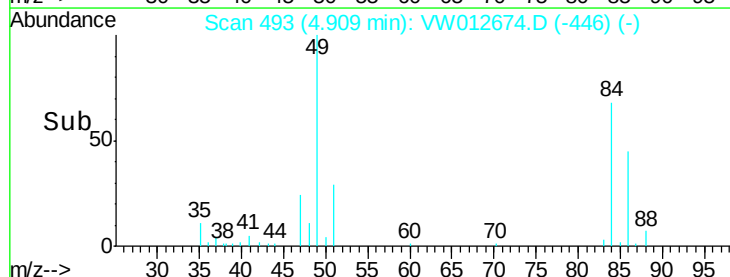
4.91

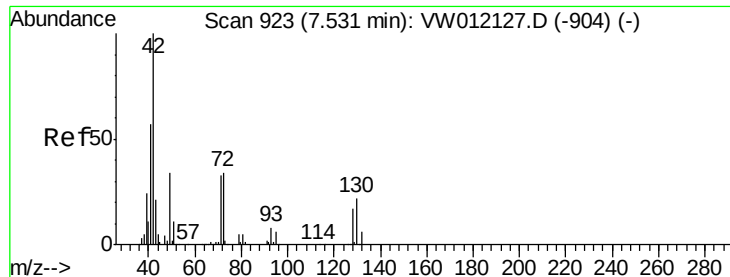
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

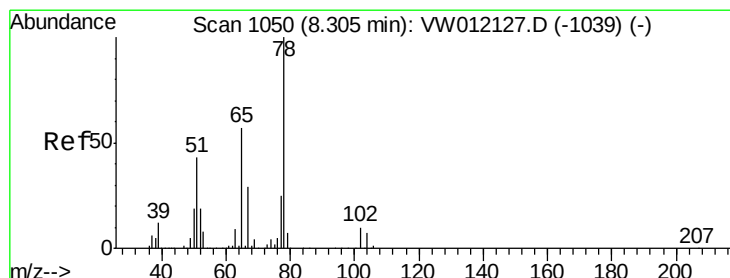
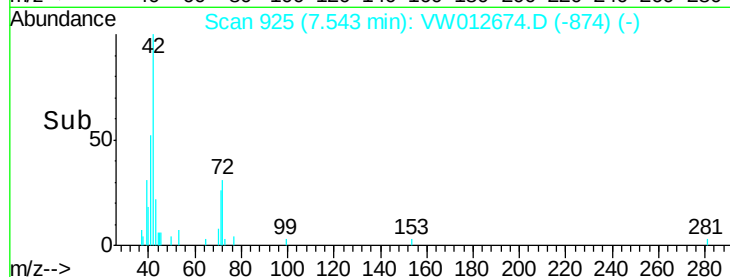
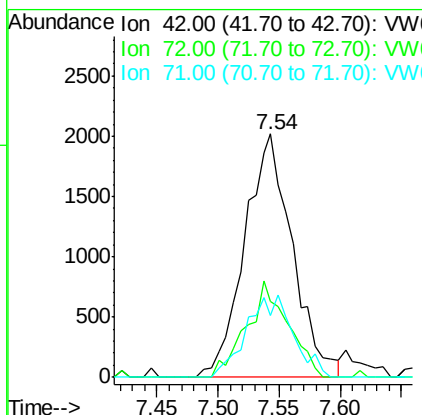
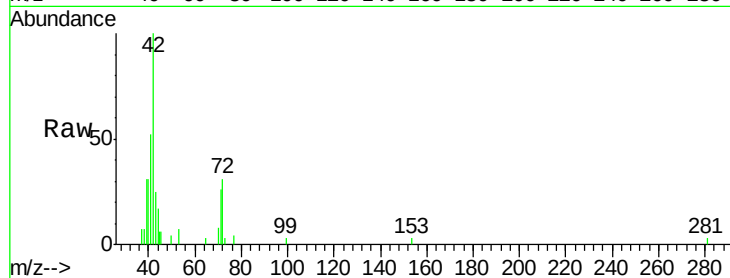




#29
Tetrahydrofuran
Concen: 8.465 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012674.D
Acq: 06 Sep 2019 06:31

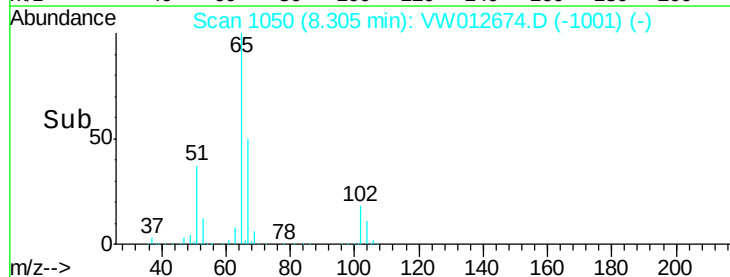
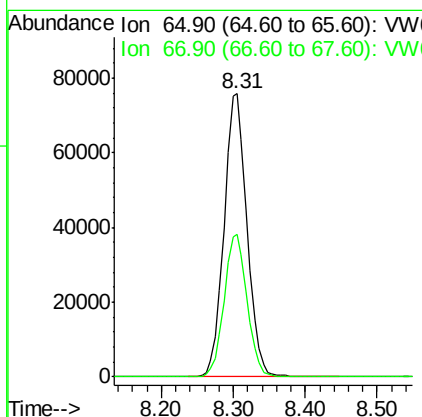
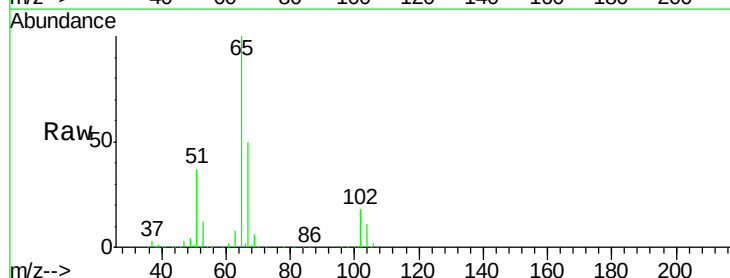
Instrument :
MSVOA_W
ClientSampleId :
T12-C1-(0)

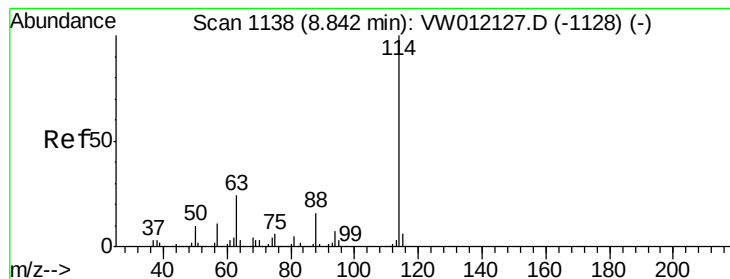
Tot Ion: 42 Resp: 5491
Ion Ratio Lower Upper
42 100
72 34.5 27.3 40.9
71 32.9 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 53.854 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012674.D
Acq: 06 Sep 2019 06:31

Tgt Ion: 65 Resp: 167625
Ion Ratio Lower Upper
65 100
67 50.8 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: VW012674.D

Acq: 06 Sep 2019 06:31

Instrument :

MSVOA_W

ClientSampleId :

T12-C1-(0)

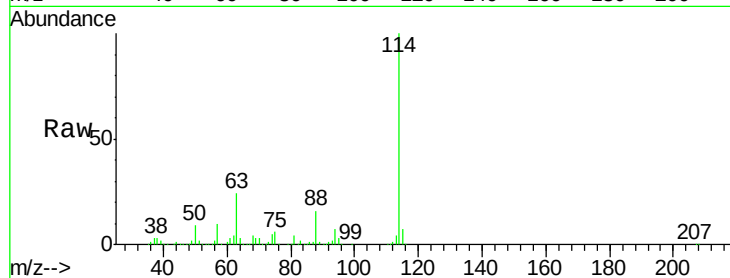
Tot Ion:114 Resp: 415698

Ion Ratio Lower Upper

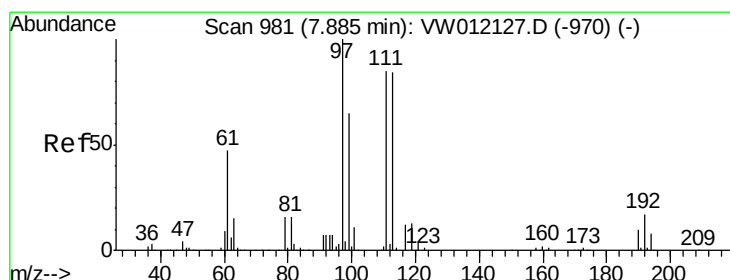
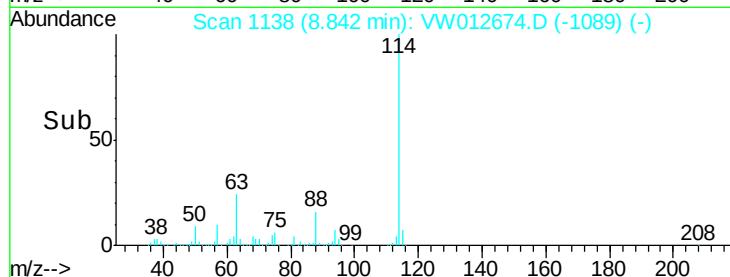
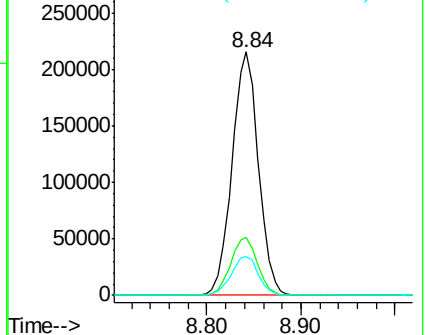
114 100

63 23.6 0.0 48.6

88 15.7 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: 51.406 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012674.D

Acq: 06 Sep 2019 06:31

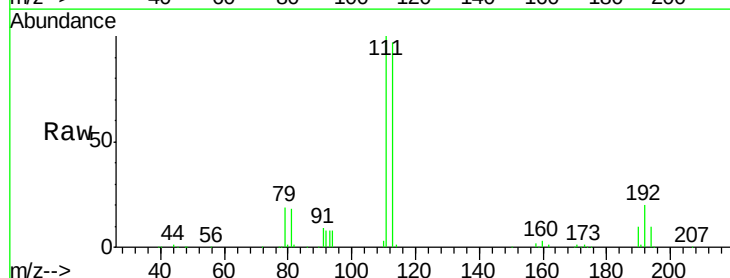
Tgt Ion:113 Resp: 127554

Ion Ratio Lower Upper

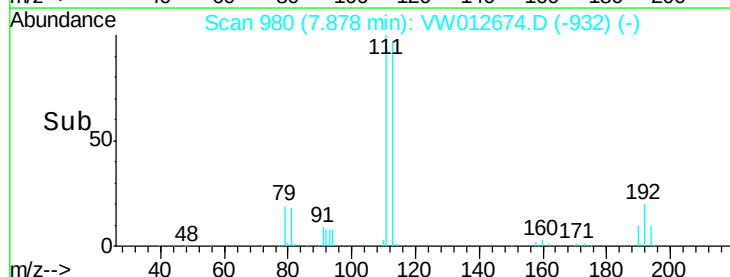
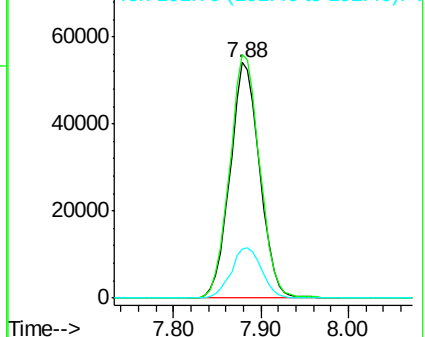
113 100

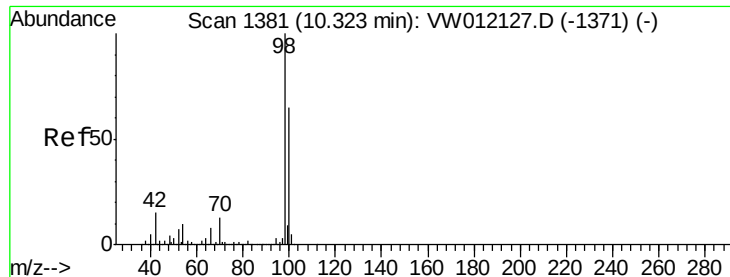
111 104.8 82.7 124.1

192 22.1 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

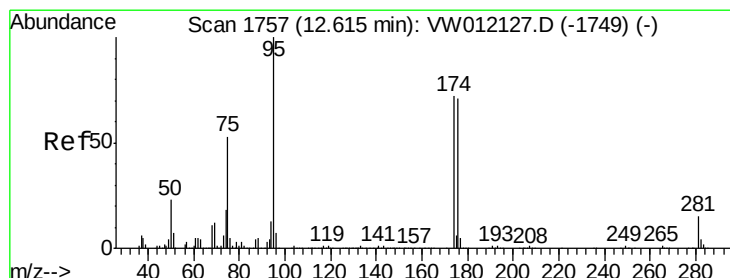
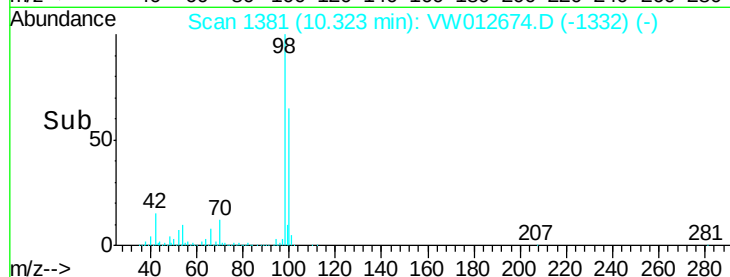
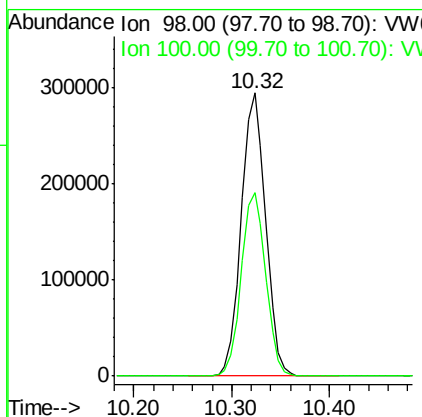
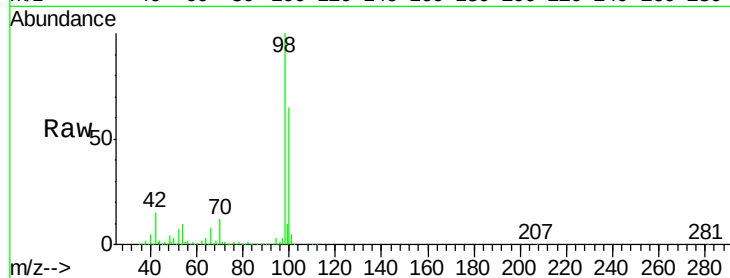




#50
Toluene-d8
Concen: 50.649 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012674.D
Acq: 06 Sep 2019 06:31

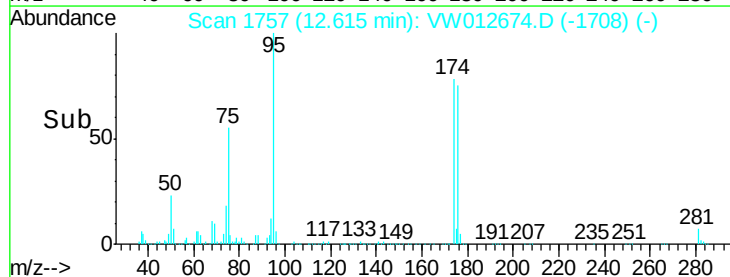
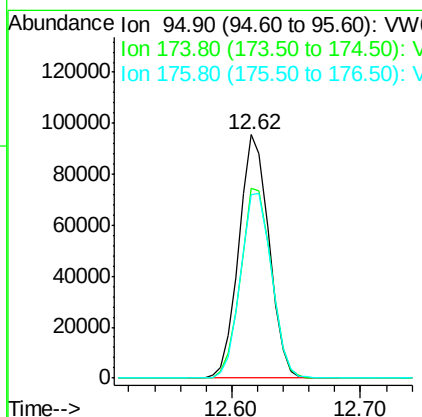
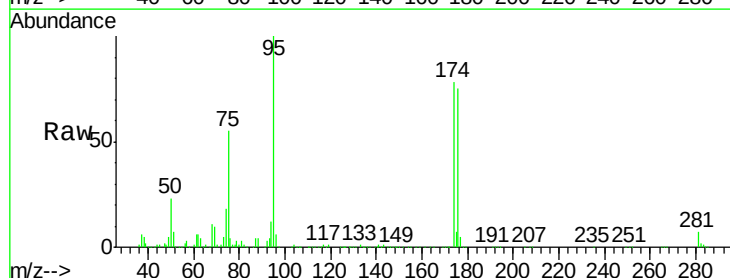
Instrument :
MSVOA_W
ClientSampleId :
T12-C1-(0)

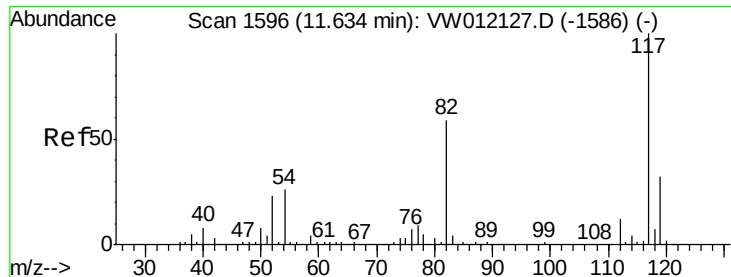
Tot Ion: 98 Resp: 509584
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.434 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012674.D
Acq: 06 Sep 2019 06:31

Tgt Ion: 95 Resp: 154037
Ion Ratio Lower Upper
95 100
174 80.1 0.0 150.8
176 78.7 0.0 148.6

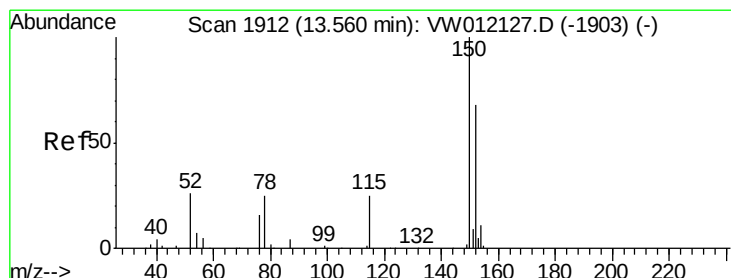
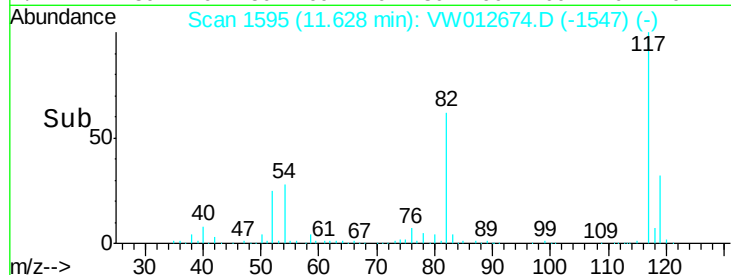
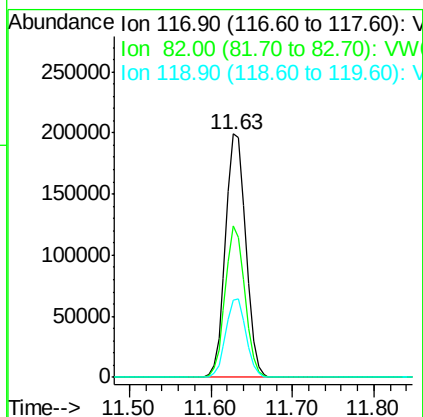
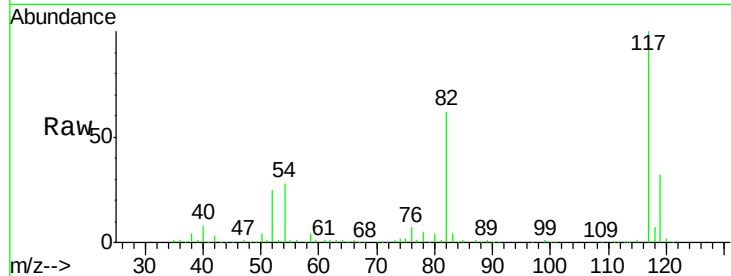




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012674.D
Acq: 06 Sep 2019 06:31

Instrument :
MSVOA_W
ClientSampleId :
T12-C1-(0)

Tot Ion:117 Resp: 342260
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 31.8 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: VW012674.D
Acq: 06 Sep 2019 06:31

Tgt Ion:152 Resp: 128837
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 159.2 0.0 345.8

