

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012071.D
 Acq On : 21 Aug 2019 14:52
 Operator : SY/VA
 Sample : K4388-09
 Misc : 9.35G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-C-(2)

Quant Time: Aug 22 06:07:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

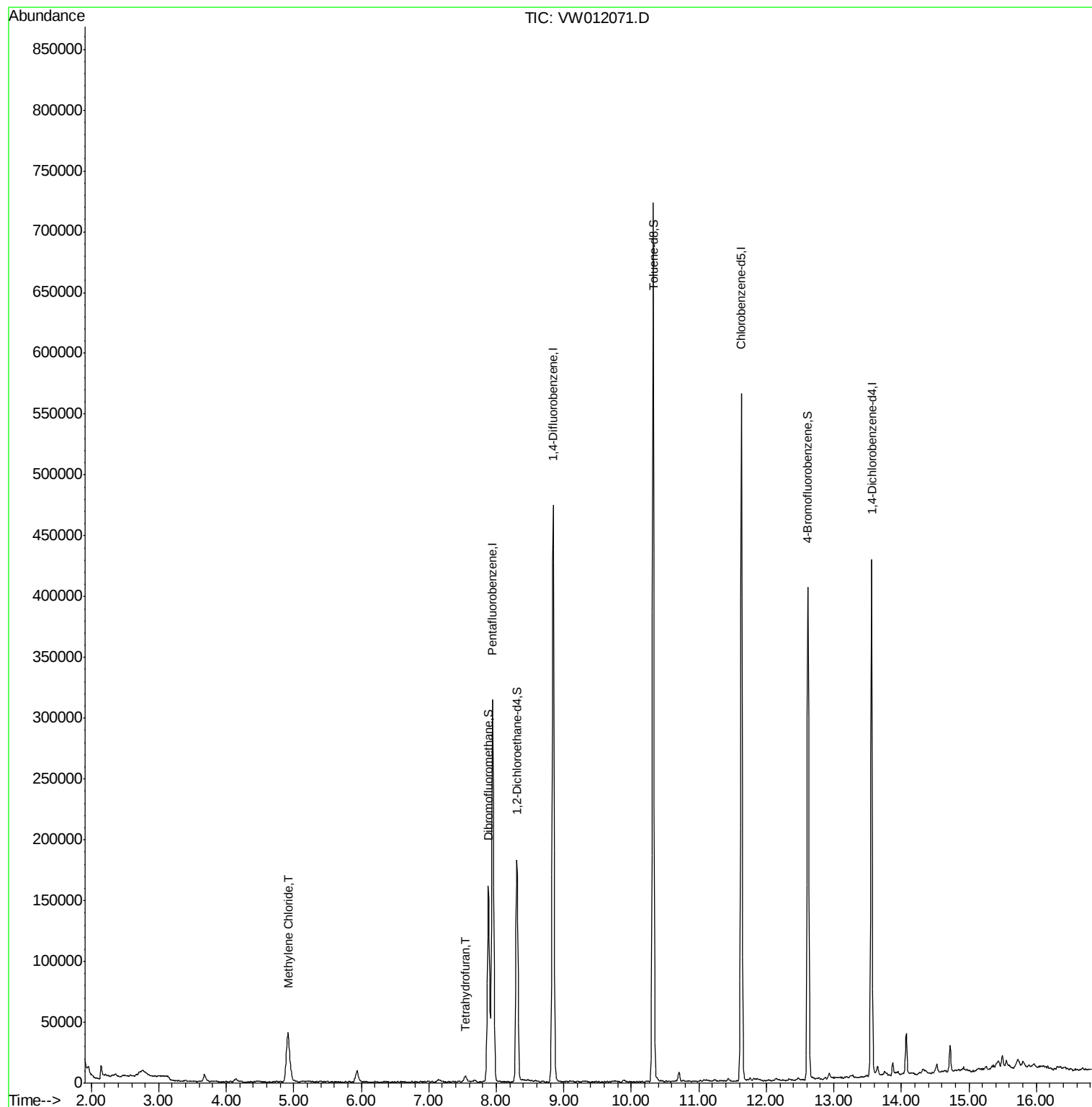
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	142929	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
35) Dibromofluoromethane	7.88	113	114643	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	10.32	98	454328	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	136803	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
20) Methylene Chloride	4.92	84	32160	11.225	ug/l	97
29) Tetrahydrofuran	7.54	42	4736	7.622	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012071.D

Acq: 21 Aug 2019 14:52

Instrument :

MSVOA_W

ClientSampleId :

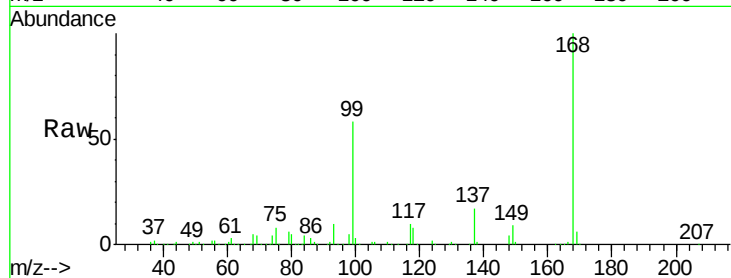
T4-C-(2)

Tot Ion:168 Resp: 227441

Ion Ratio Lower Upper

168 100

99 58.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

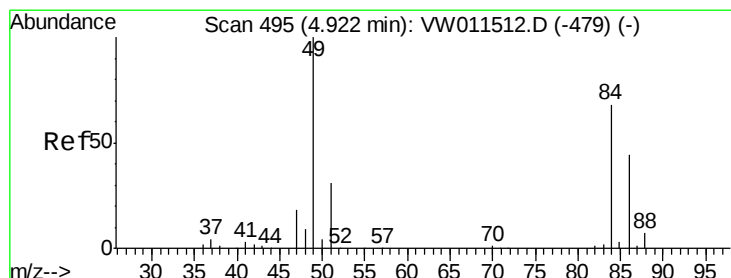
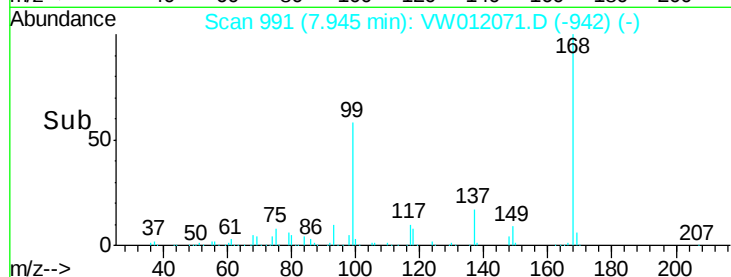
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 11.225 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012071.D

Acq: 21 Aug 2019 14:52

Tgt Ion: 84 Resp: 32160

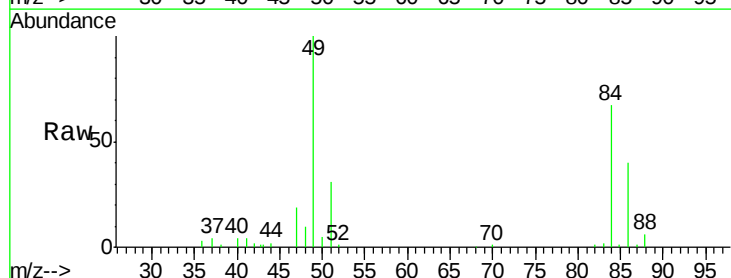
Ion Ratio Lower Upper

84 100

49 149.6 117.8 176.6

51 46.8 37.0 55.4

86 59.9 51.8 77.8



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

20000

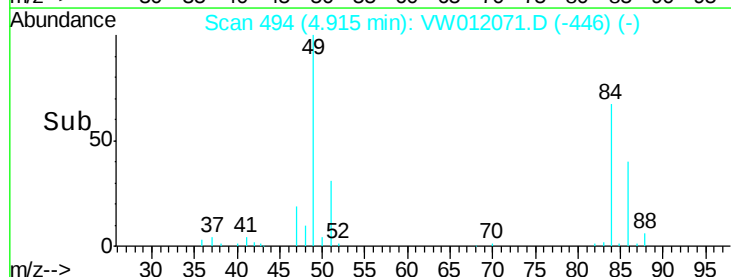
15000

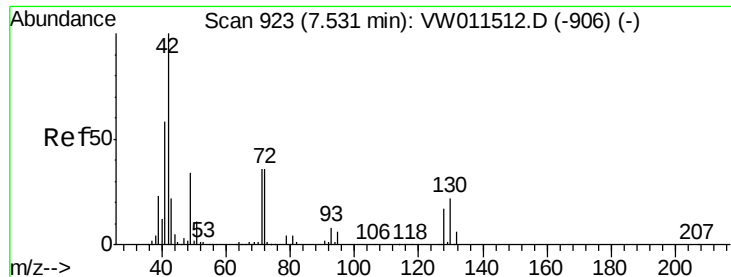
10000

5000

0

Time-->

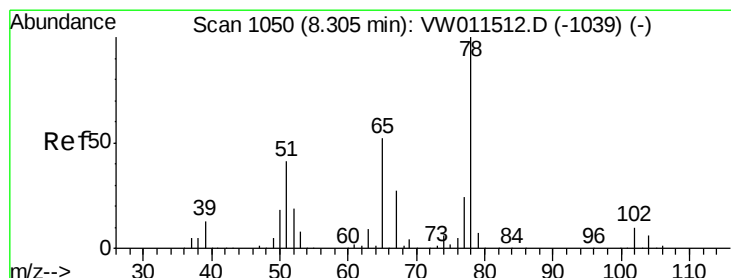
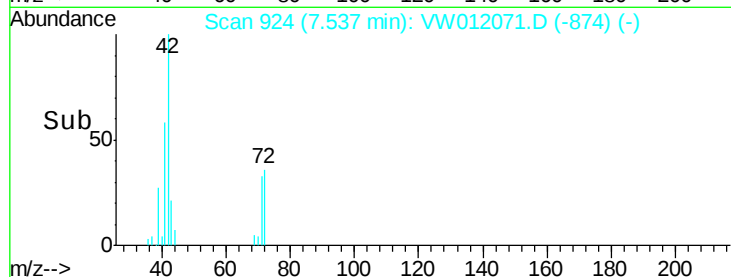
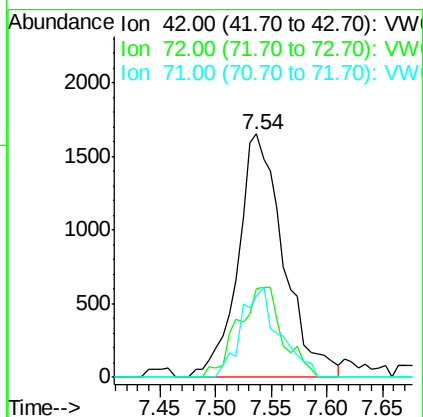
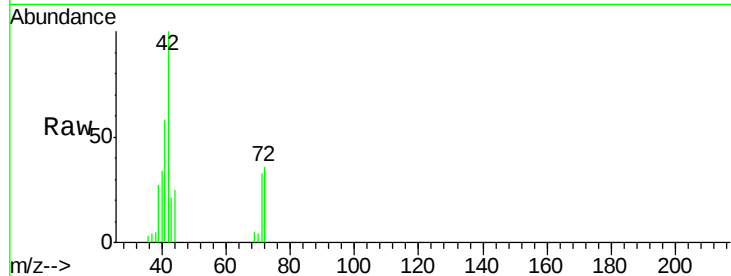




#29
Tetrahydrofuran
Concen: 7.622 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

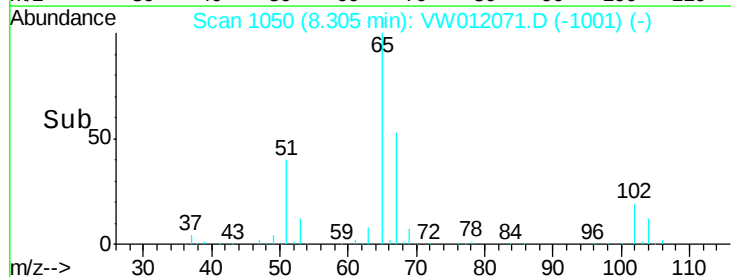
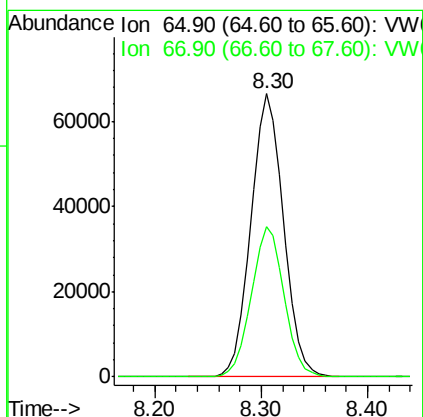
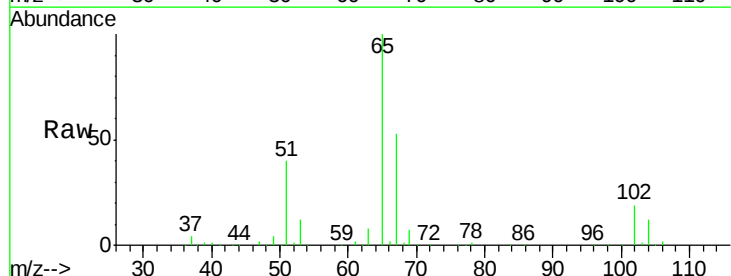
Instrument :
MSVOA_W
ClientSampleId :
T4-C-(2)

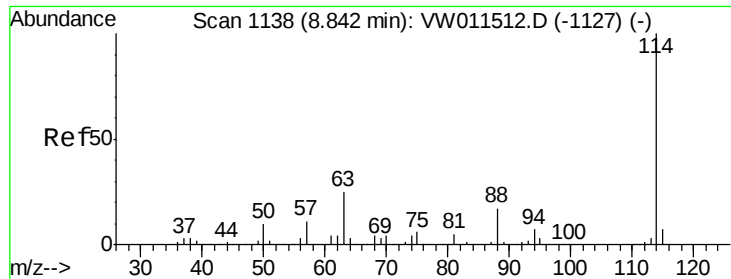
Tot Ion: 42 Resp: 4736
Ion Ratio Lower Upper
42 100
72 36.1 27.1 40.7
71 30.8 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.727 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

Tgt Ion: 65 Resp: 142929
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

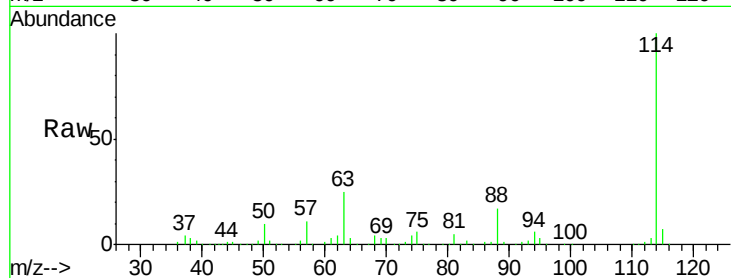




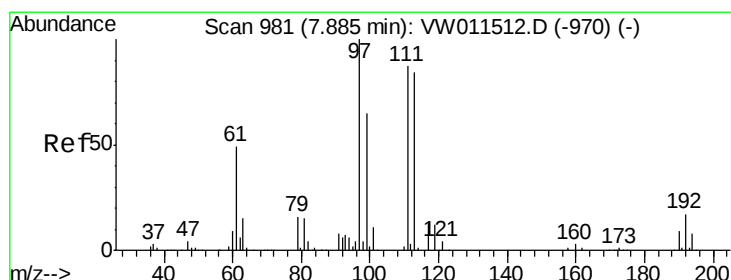
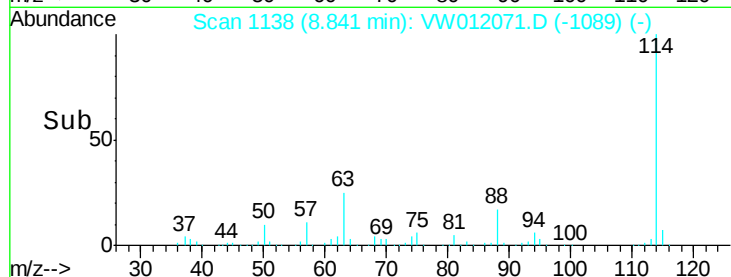
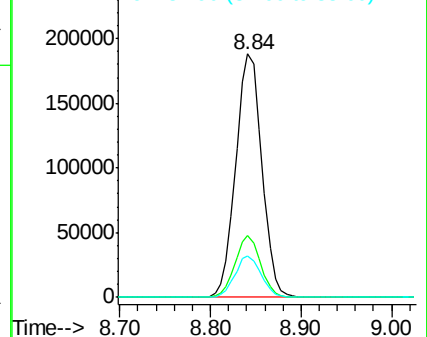
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

Instrument :
MSVOA_W
ClientSampleId :
T4-C-(2)

Tot Ion:114 Resp: 375572
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.2
88 17.2 0.0 33.8

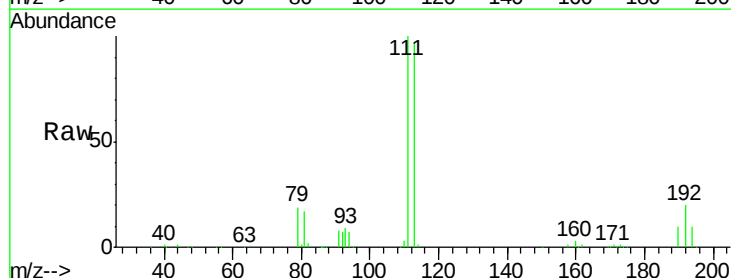


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

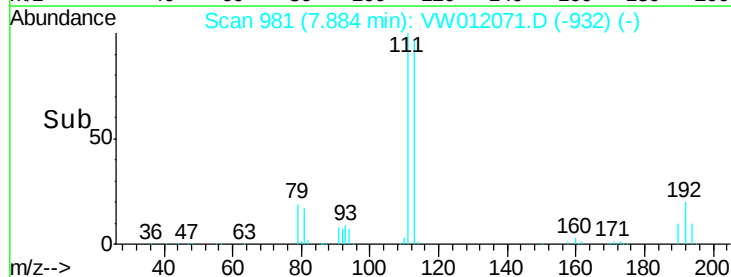
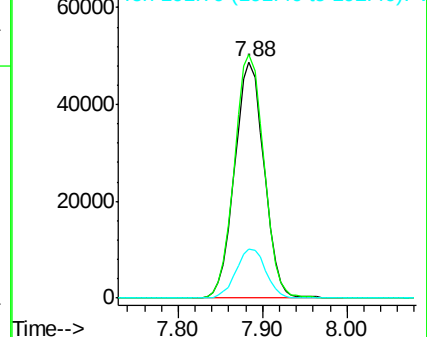


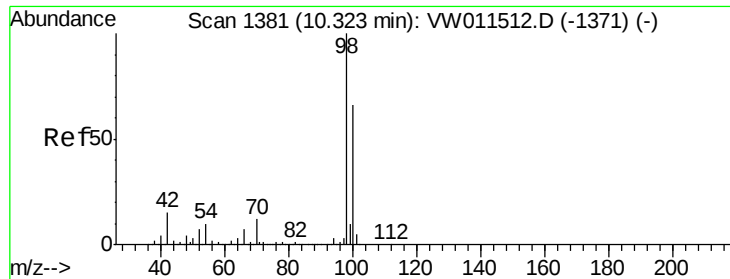
#35
Dibromofluoromethane
Concen: 54.410 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

Tgt Ion:113 Resp: 114643
Ion Ratio Lower Upper
113 100
111 103.9 82.7 124.1
192 20.9 16.1 24.1



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: 52.665 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012071.D

Acq: 21 Aug 2019 14:52

Instrument :

MSVOA_W

ClientSampled :

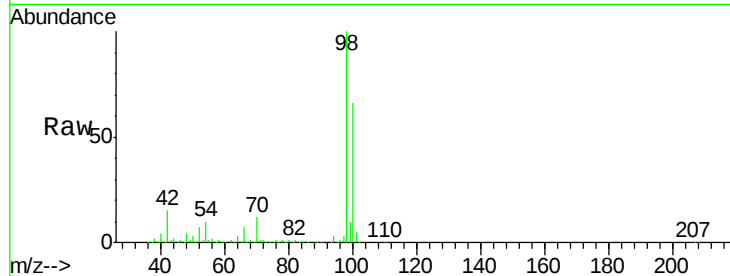
T4-C-(2)

Tot Ion: 98 Resp: 454328

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

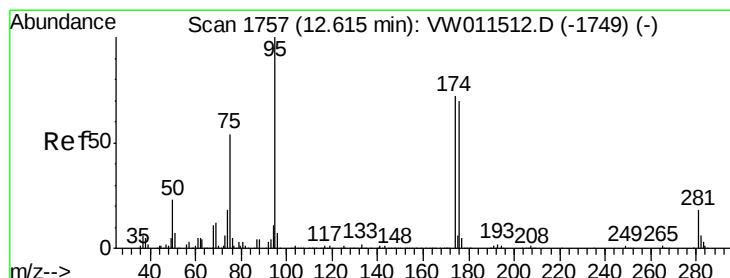
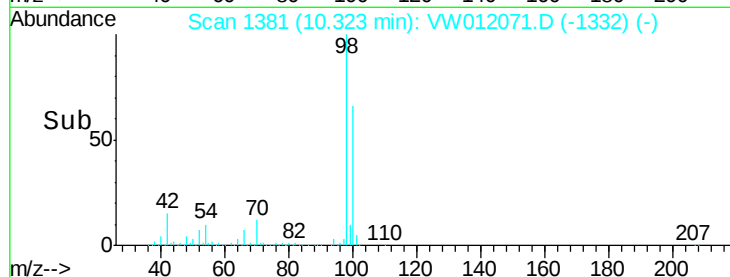
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 44.480 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012071.D

Acq: 21 Aug 2019 14:52

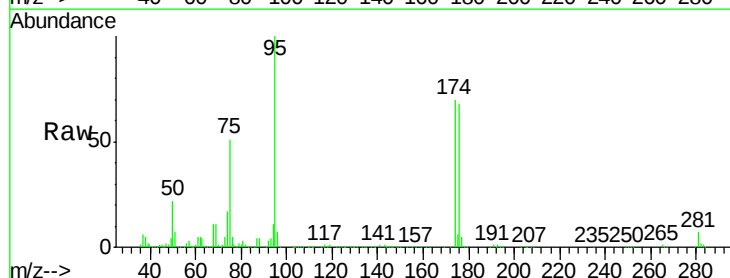
Tgt Ion: 95 Resp: 136803

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

176 71.7 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

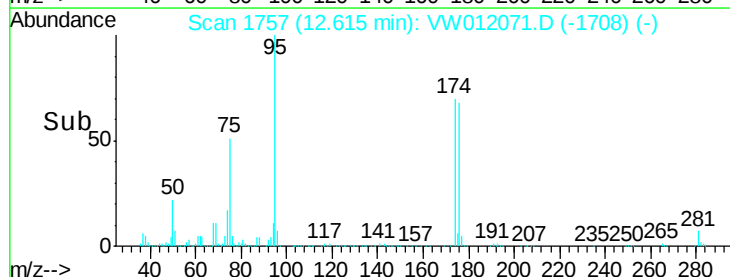
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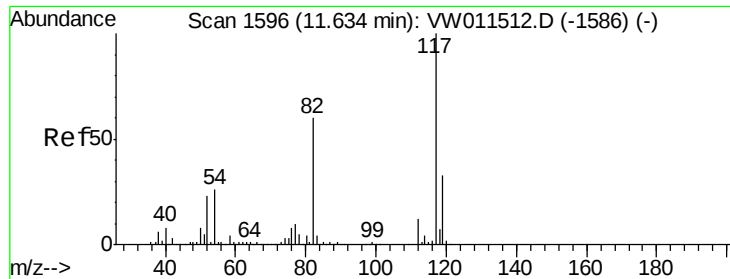
40000

20000

0

Time--> 12.50 12.60 12.70

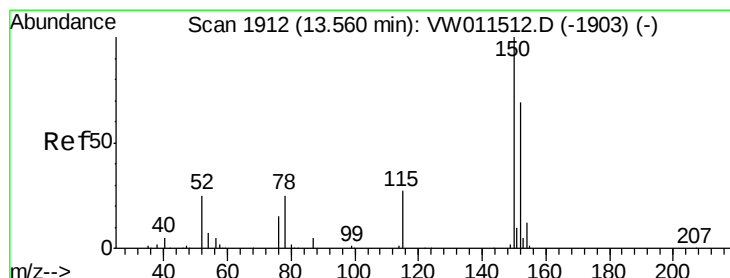
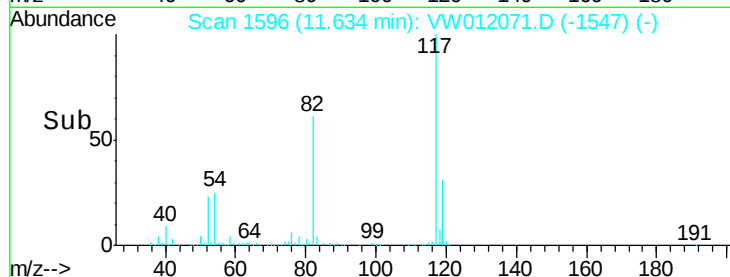
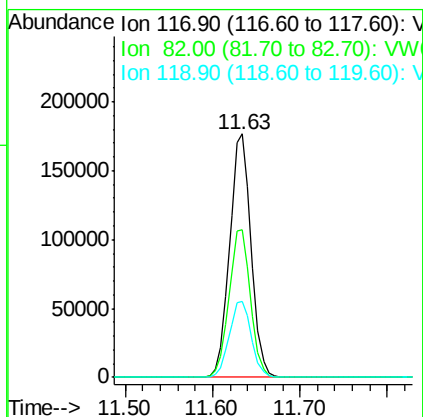
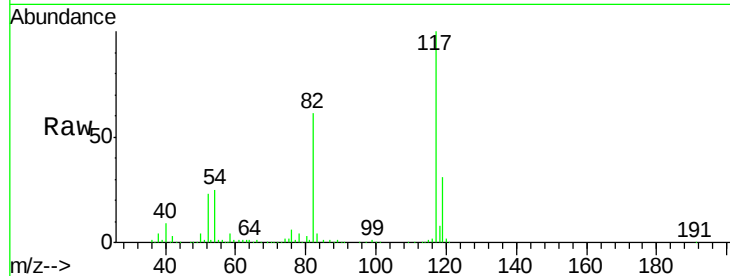




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

Instrument :
MSVOA_W
ClientSampleId :
T4-C-(2)

Tot Ion:117 Resp: 300673
Ion Ratio Lower Upper
117 100
82 60.5 47.9 71.9
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012071.D
Acq: 21 Aug 2019 14:52

Tgt Ion:152 Resp: 103668
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 158.6 0.0 352.6

