

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012853.D
 Acq On : 10 Sep 2019 05:48
 Operator : SY/VA
 Sample : K4644-13
 Misc : 2.96G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E1-(4)

Quant Time: Sep 10 08:18:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

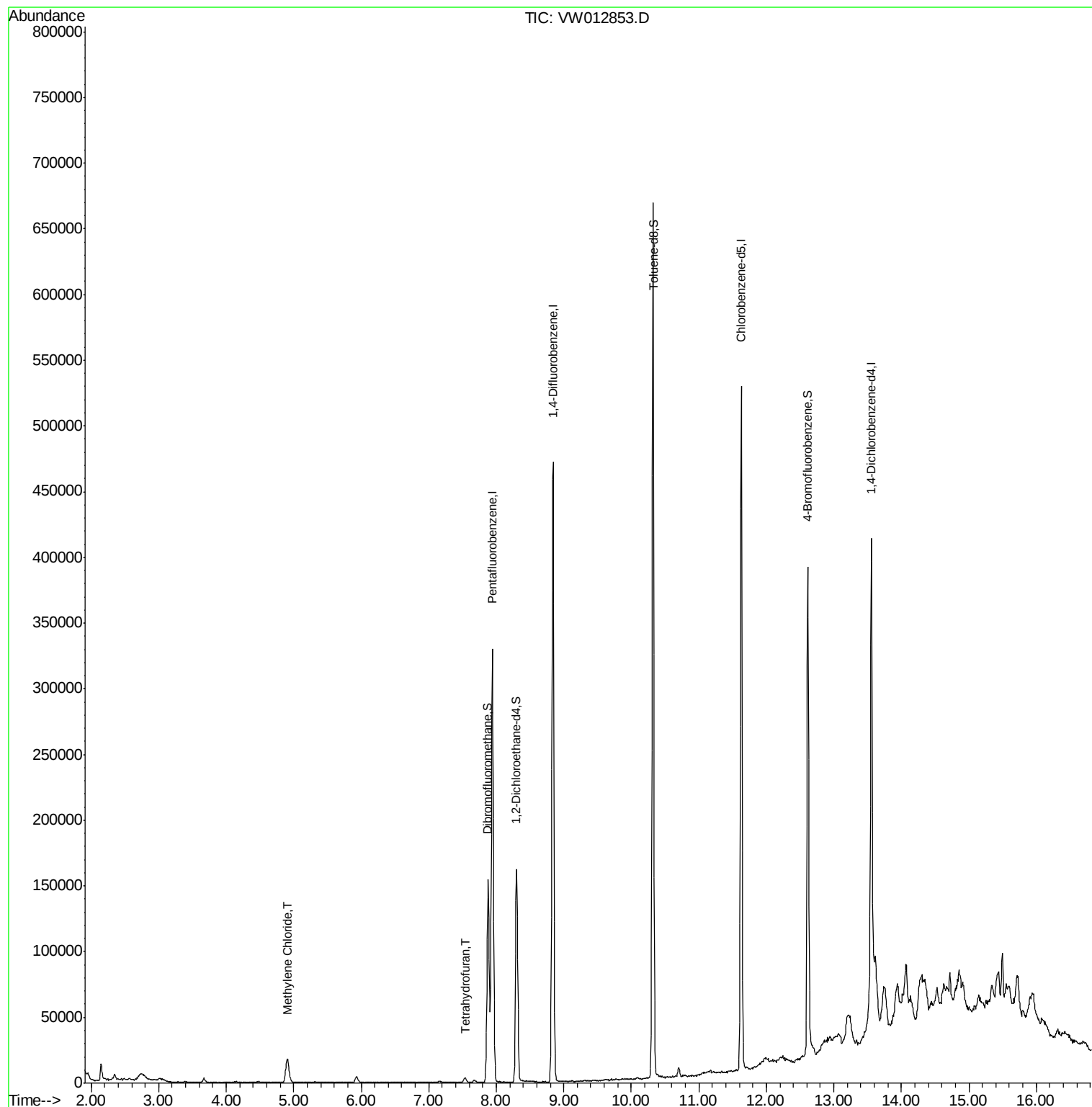
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	286251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	93794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133745	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	7.88	113	111679	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.32	98	436517	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	122140	37.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.18%	
Target Compounds						
20) Methylene Chloride	4.90	84	14170	5.783	ug/l	85
29) Tetrahydrofuran	7.54	42	2948	4.661	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# 991

Delta R.T. -0.00 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

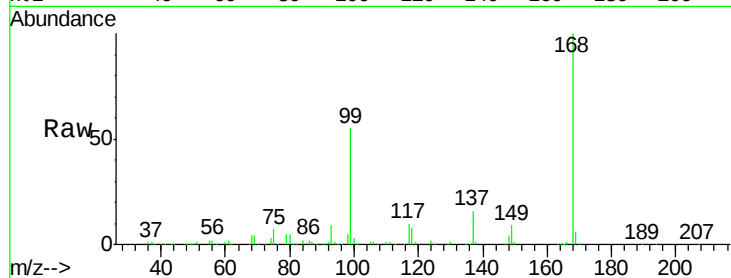
T11-E1-(4)

Tot Ion:168 Resp: 257135

Ion Ratio Lower Upper

168 100

99 54.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

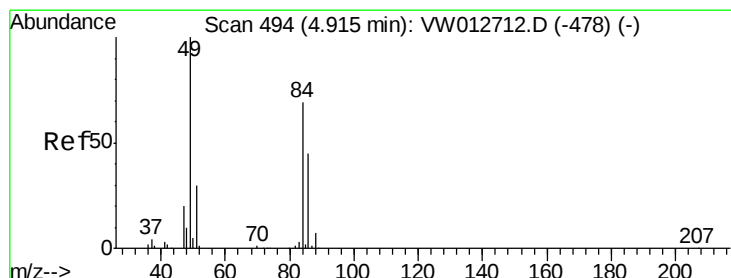
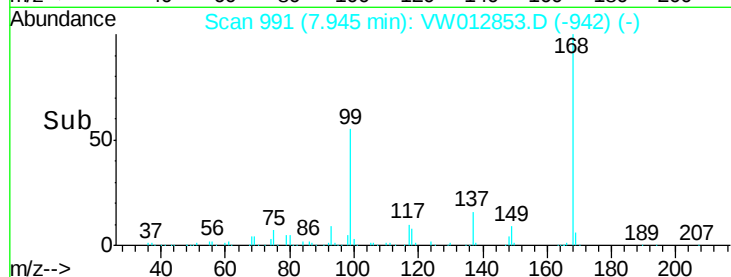
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#20

Methylene Chloride

Concen: 5.783 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

Tgt Ion: 84 Resp: 14170

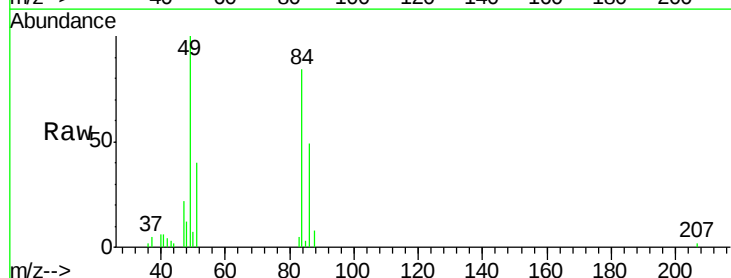
Ion Ratio Lower Upper

84 100

49 119.7 115.4 173.0

51 47.7 34.9 52.3

86 58.7 52.2 78.4



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

4.90

8000

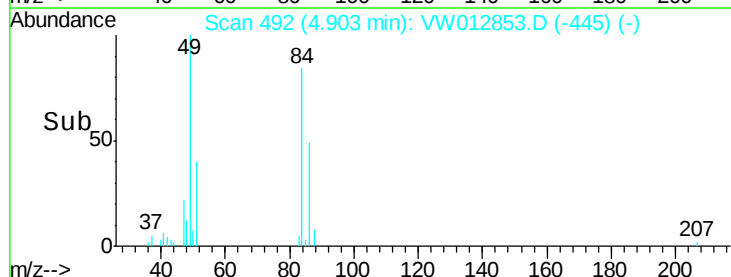
6000

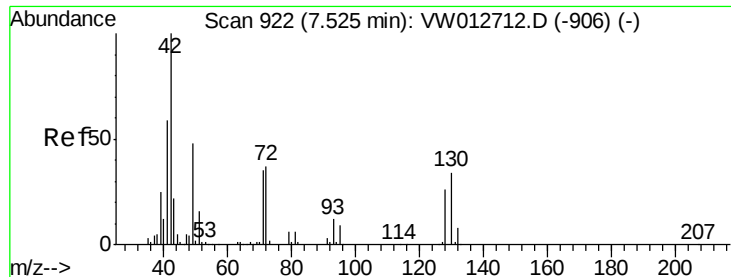
4000

2000

0

Time--> 4.80 4.90 5.00

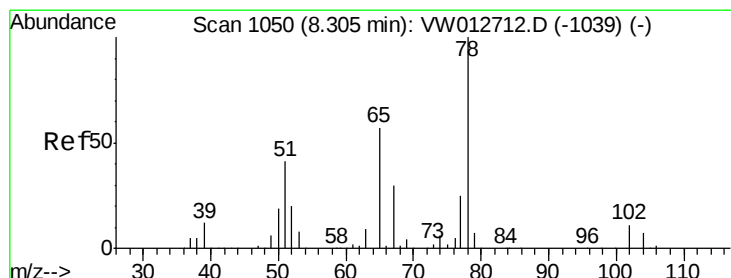
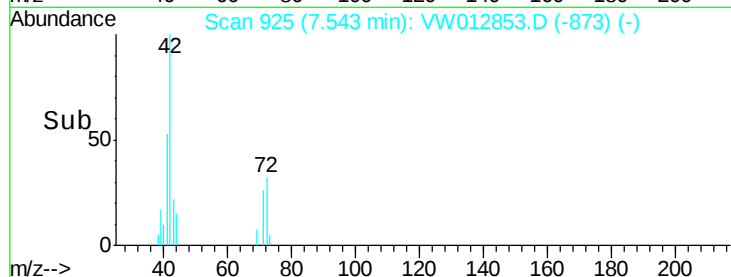
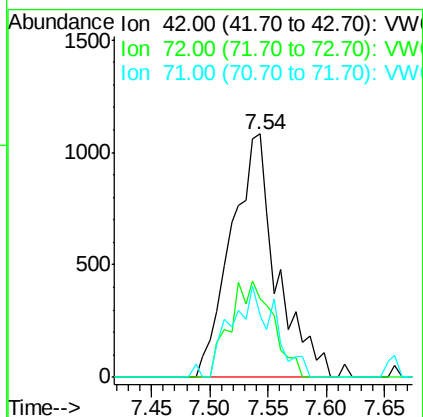
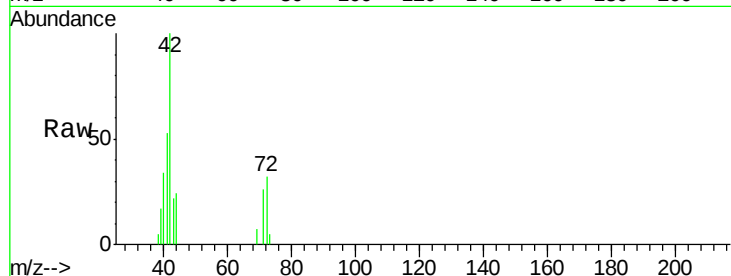




#29
Tetrahydrofuran
Concen: 4.661 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW012853.D
Acq: 10 Sep 2019 05:48

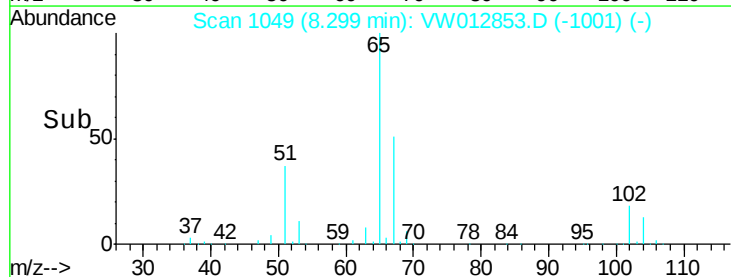
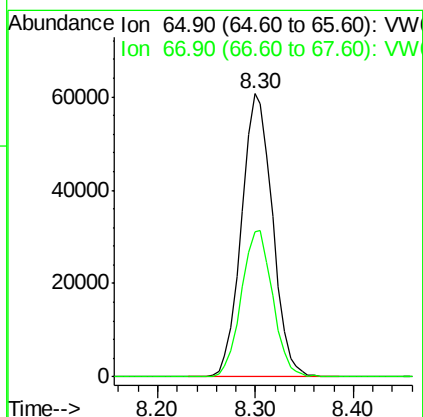
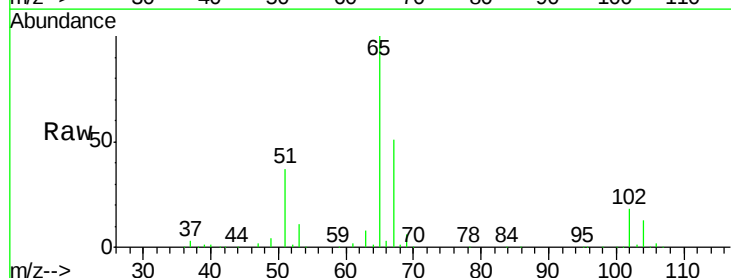
Instrument :
MSVOA_W
ClientSampled :
T11-E1-(4)

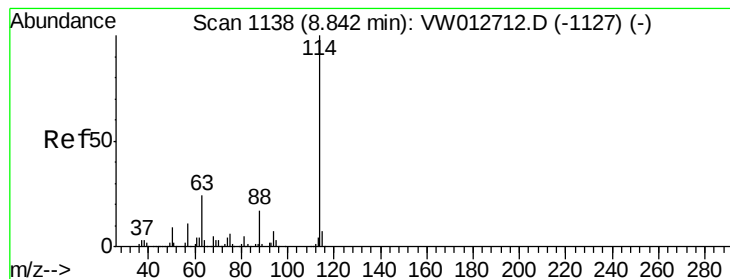
Tot Ion: 42 Resp: 2948
Ion Ratio Lower Upper
42 100
72 37.1 28.4 42.6
71 36.0 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 46.552 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012853.D
Acq: 10 Sep 2019 05:48

Tgt Ion: 65 Resp: 133745
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

T11-E1-(4)

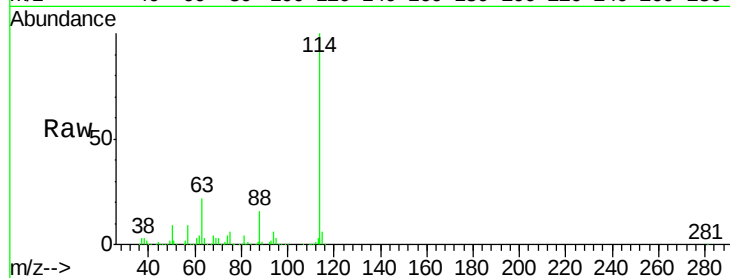
Tot Ion:114 Resp: 389457

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.2

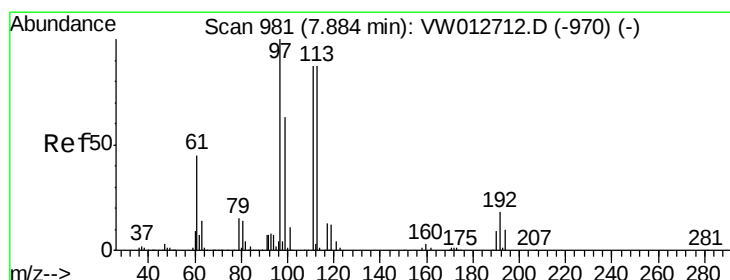
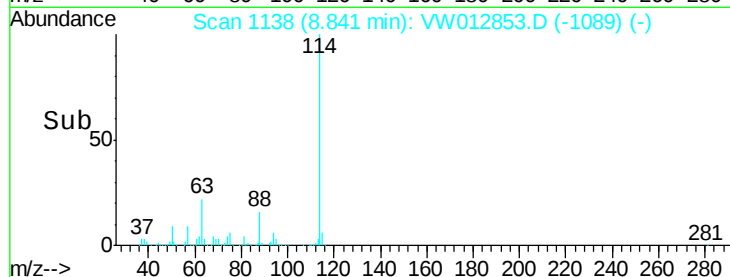
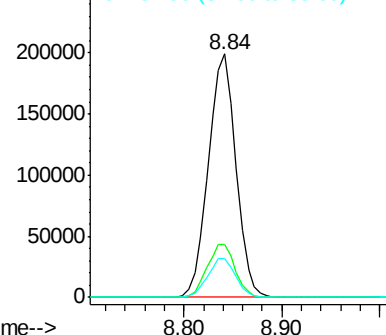
88 16.1 0.0 34.0



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: 48.232 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

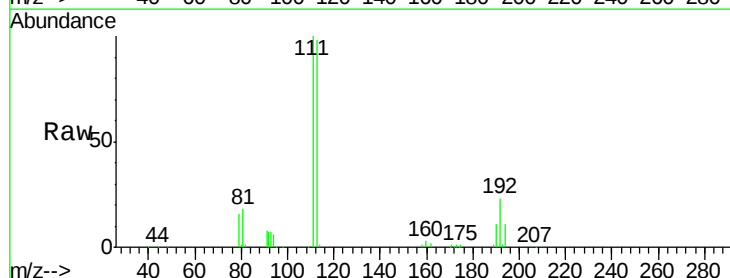
Tgt Ion:113 Resp: 111679

Ion Ratio Lower Upper

113 100

111 104.0 80.2 120.4

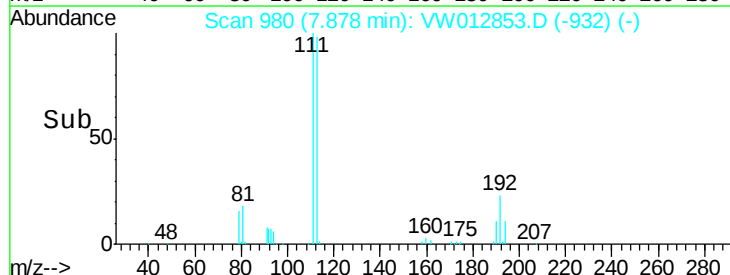
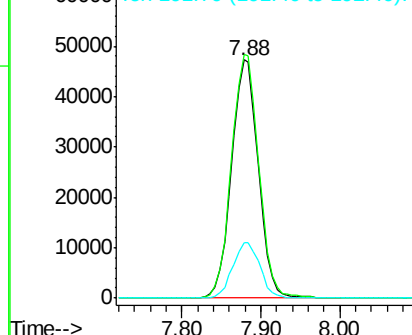
192 23.6 17.3 25.9

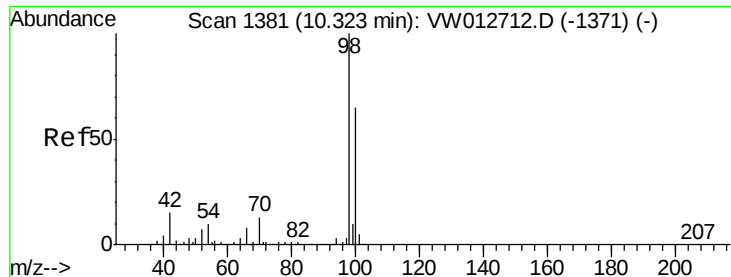


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.121 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

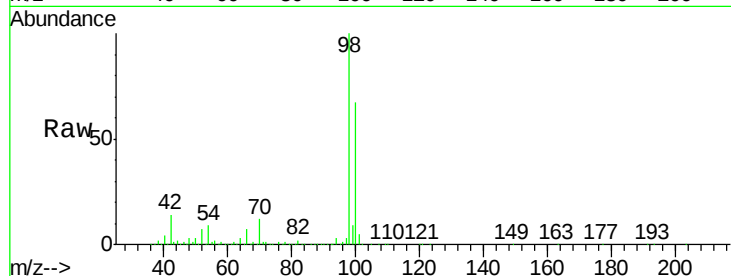
T11-E1-(4)

Tot Ion: 98 Resp: 436517

Ion Ratio Lower Upper

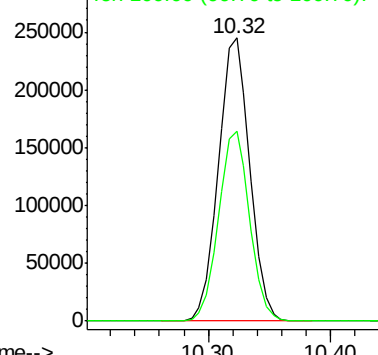
98 100

100 66.3 52.2 78.4

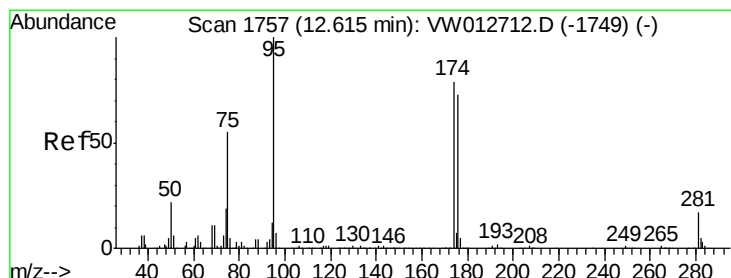
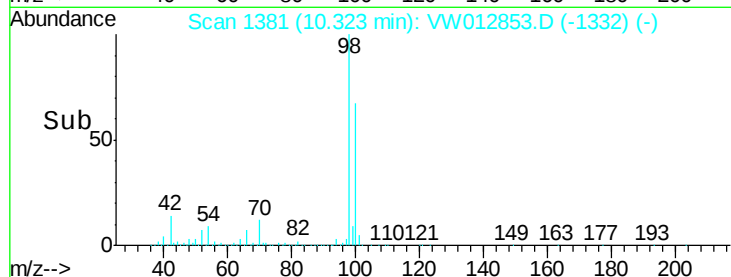


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 37.089 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012853.D

Acq: 10 Sep 2019 05:48

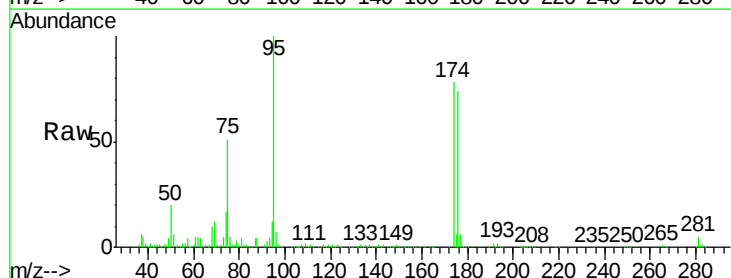
Tgt Ion: 95 Resp: 122140

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.0

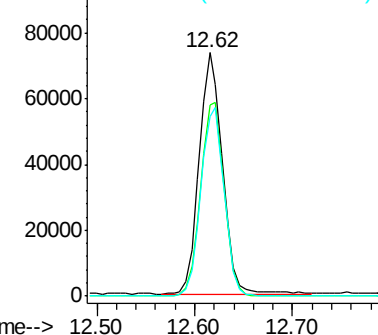
176 77.0 0.0 156.4



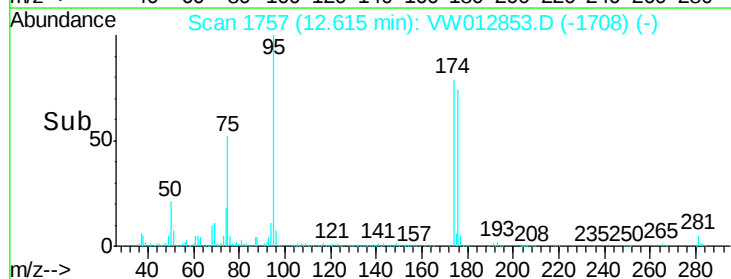
Abundance Ion 94.90 (94.60 to 95.60): VW

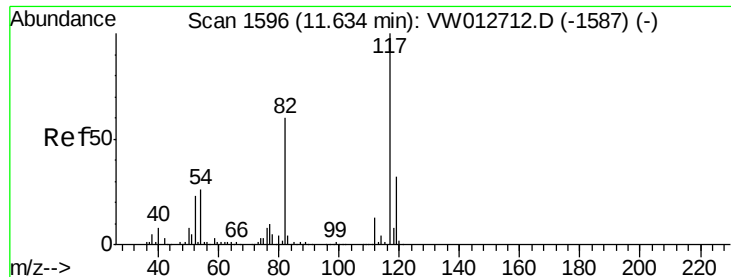
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

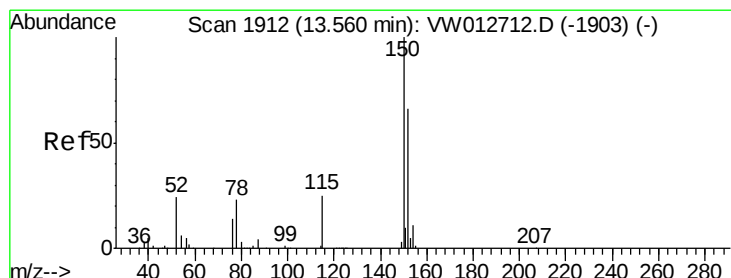
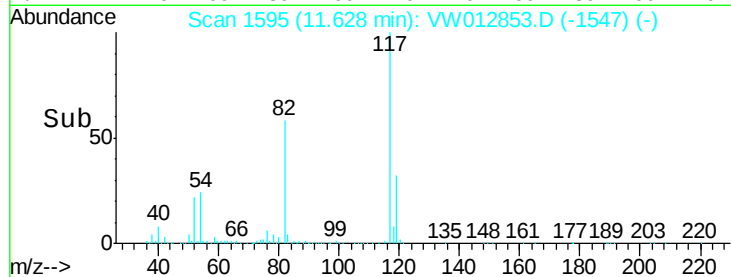
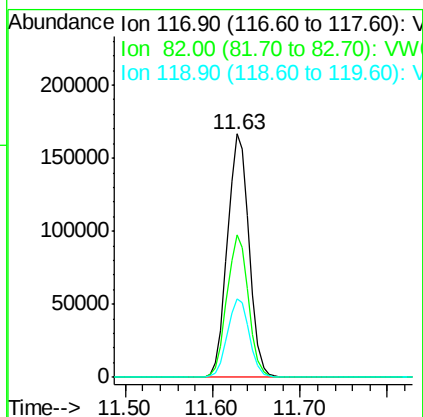
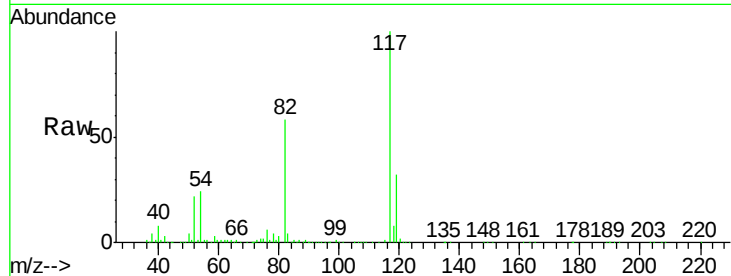




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012853.D
Acq: 10 Sep 2019 05:48

Instrument :
MSVOA_W
ClientSampleId :
T11-E1-(4)

Tot Ion:117 Resp: 286251
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 32.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012853.D
Acq: 10 Sep 2019 05:48

Tgt Ion:152 Resp: 93794
Ion Ratio Lower Upper
152 100
115 54.7 30.0 90.1
150 147.8 0.0 349.0

