

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012045.D
 Acq On : 20 Aug 2019 22:13
 Operator : SY/VA
 Sample : K4387-10
 Misc : 4.28G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-A1-(0)

Quant Time: Aug 21 02:15:46 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

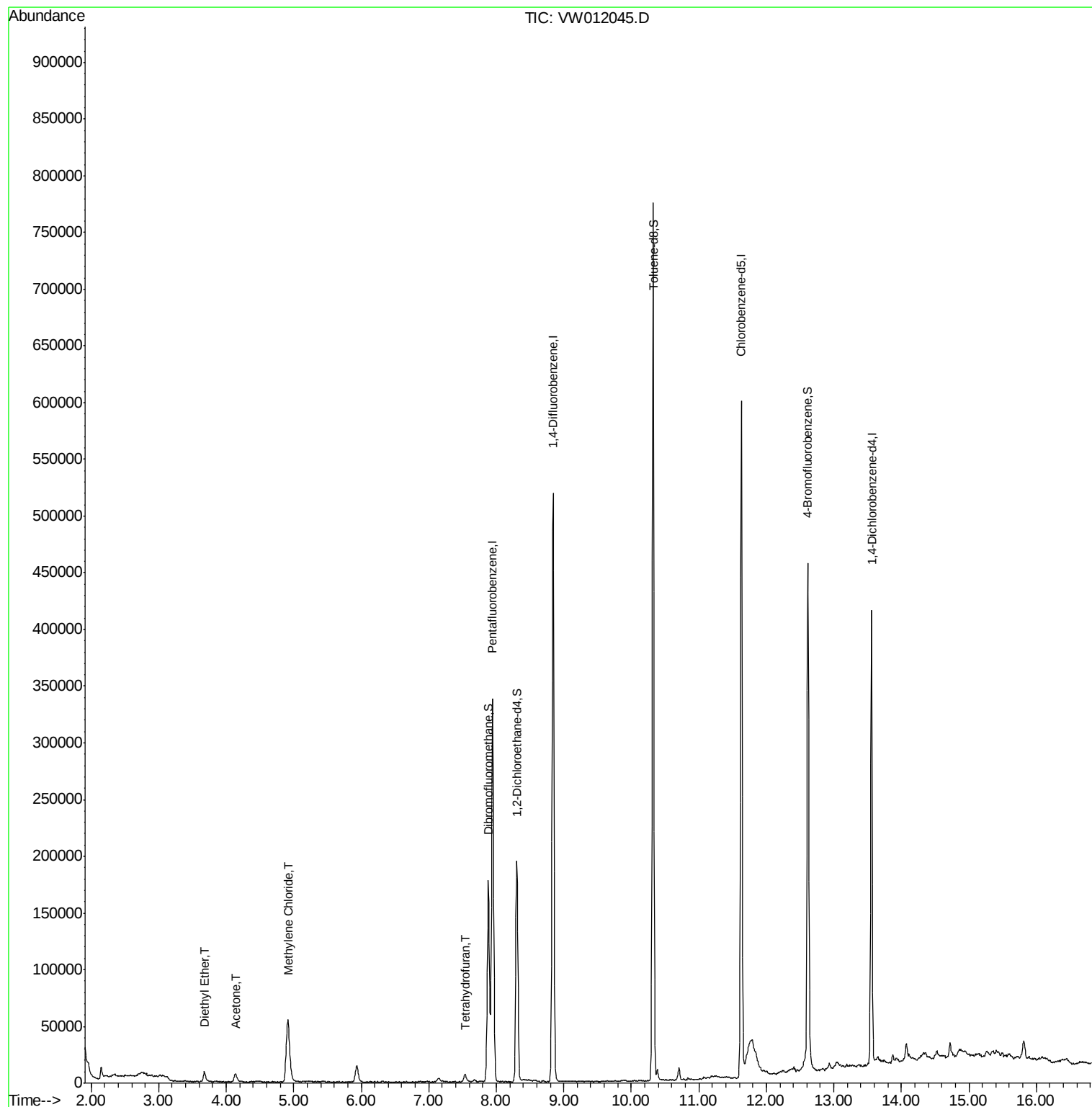
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	413813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	101883	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153871	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
35) Dibromofluoromethane	7.88	113	124501	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
50) Toluene-d8	10.32	98	486804	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	142158	41.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.90%	
Target Compounds						
8) Diethyl Ether	3.68	74	4403	2.991	ug/l	80
16) Acetone	4.14	43	15073	16.526	ug/l	99
20) Methylene Chloride	4.92	84	43586	13.857	ug/l	95
29) Tetrahydrofuran	7.54	42	6358	9.320	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: VW012045.D

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MSVOA_W

ClientSampleId :

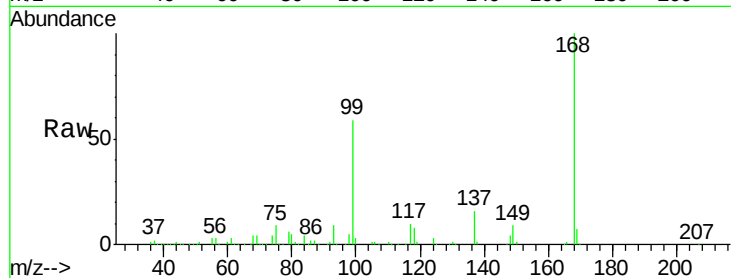
T4-A1-(0)

Tot Ion:168 Resp: 249697

Ion Ratio Lower Upper

168 100

99 59.5 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

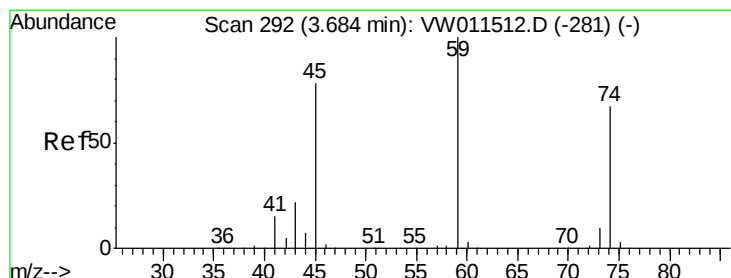
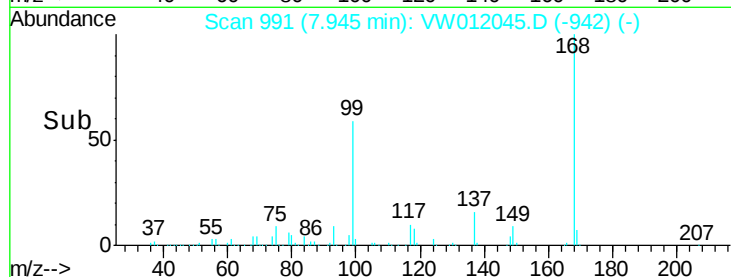
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 2.991 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012045.D

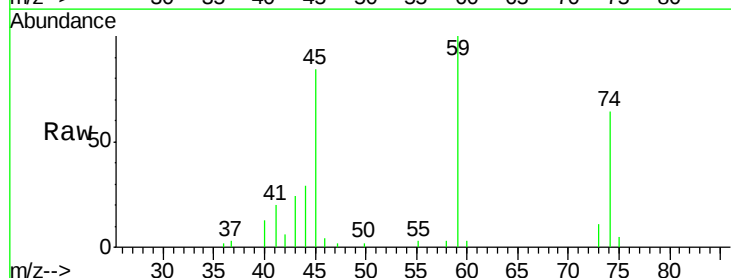
Acq: 20 Aug 2019 22:13

Tgt Ion: 74 Resp: 4403

Ion Ratio Lower Upper

74 100

45 141.2 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2500

2000

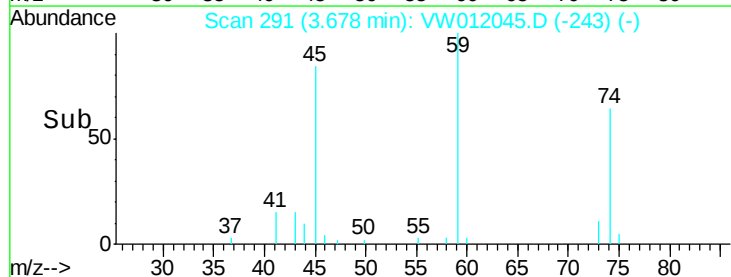
1500

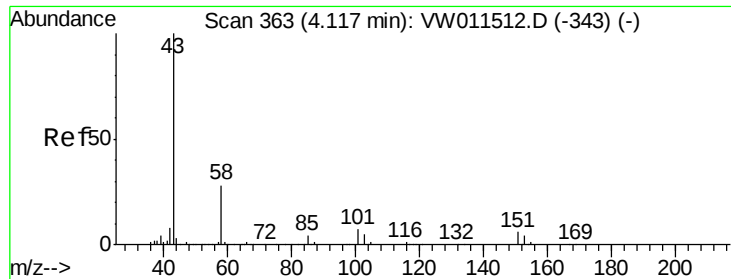
1000

500

0

Time--> 3.60 3.65 3.70 3.75

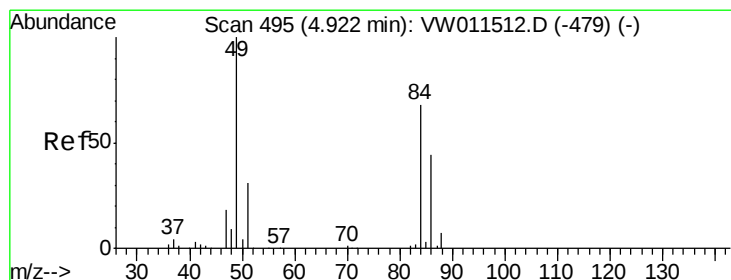
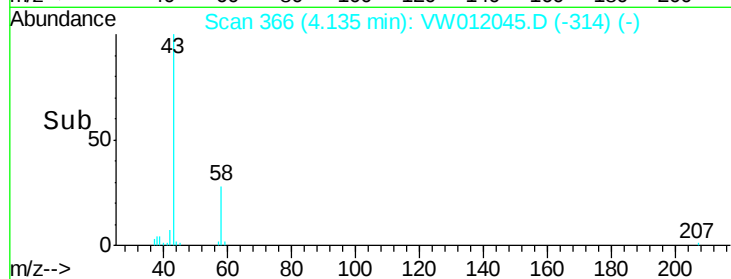
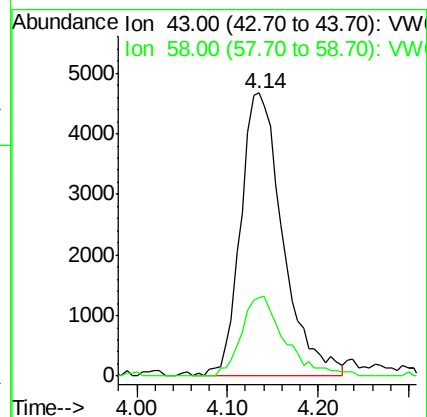
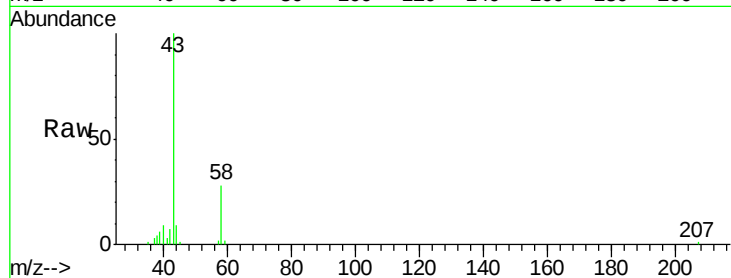




#16
Acetone
Concen: 16.526 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

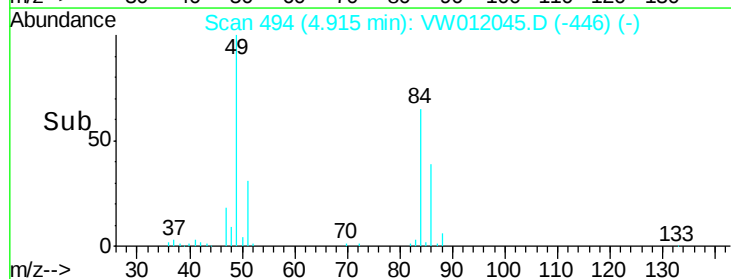
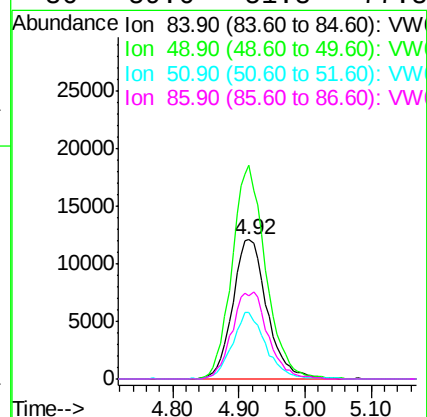
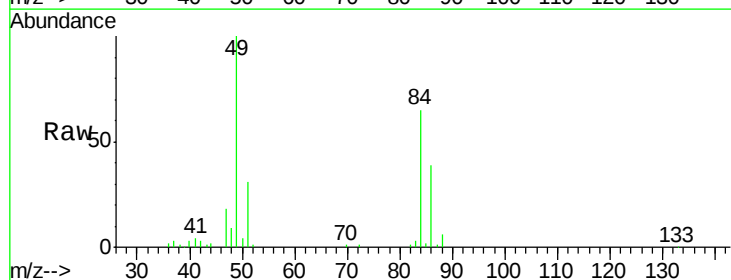
Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

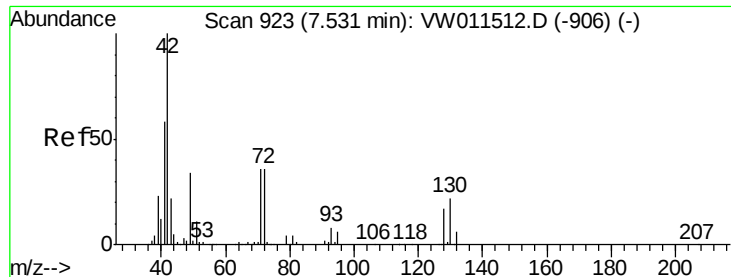
Tot Ion: 43 Resp: 15073
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#20
Methylene Chloride
Concen: 13.857 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 84 Resp: 43586
Ion Ratio Lower Upper
84 100
49 153.4 117.8 176.6
51 47.8 37.0 55.4
86 59.6 51.8 77.8

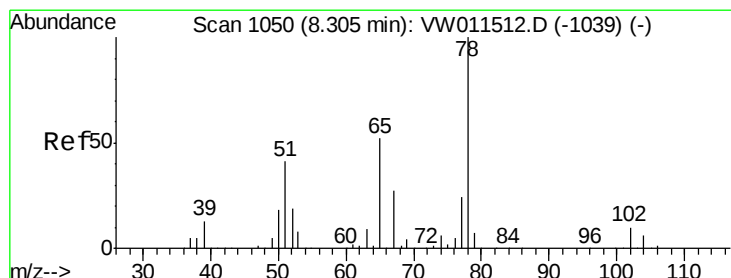
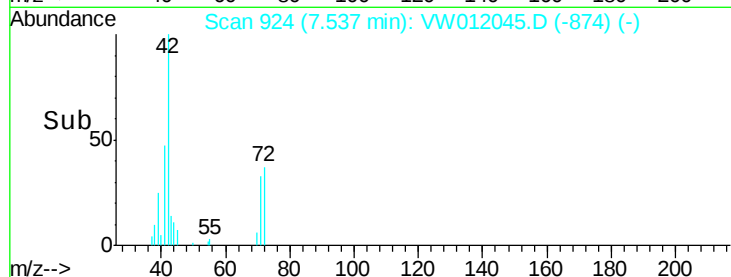
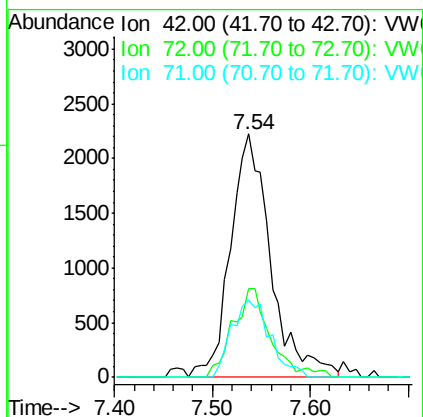
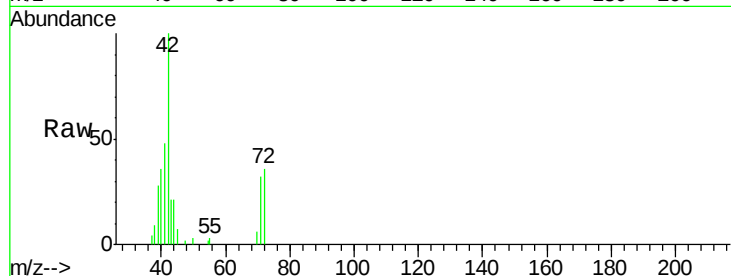




#29
Tetrahydrofuran
Concen: 9.320 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

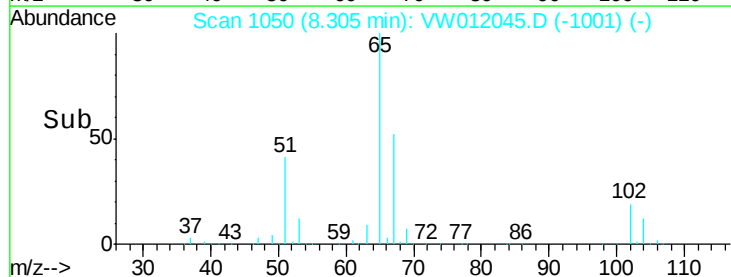
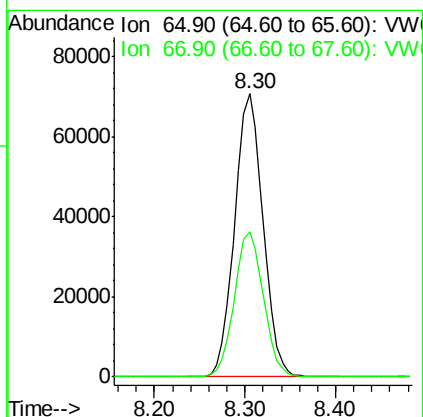
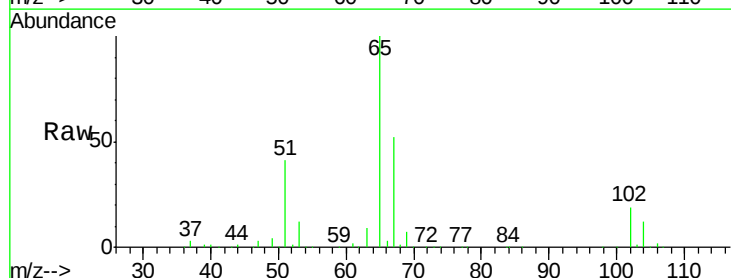
Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

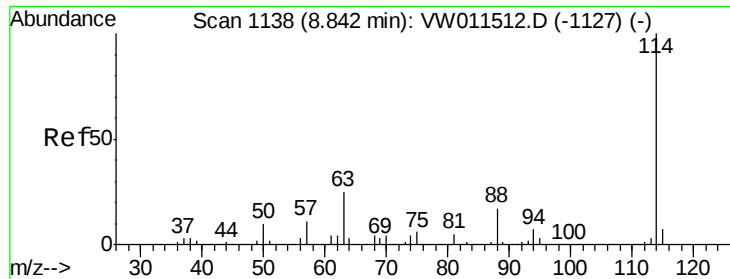
Tot Ion: 42 Resp: 6358
Ion Ratio Lower Upper
42 100
72 32.8 27.1 40.7
71 30.4 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 53.666 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion: 65 Resp: 153871
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2

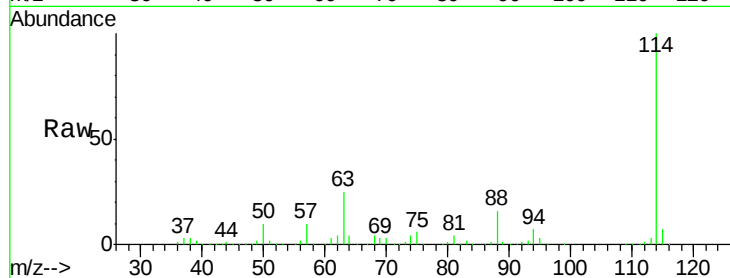




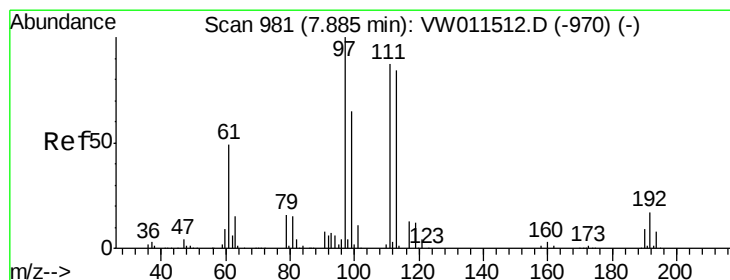
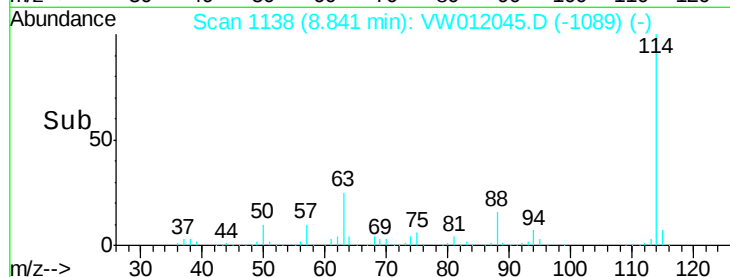
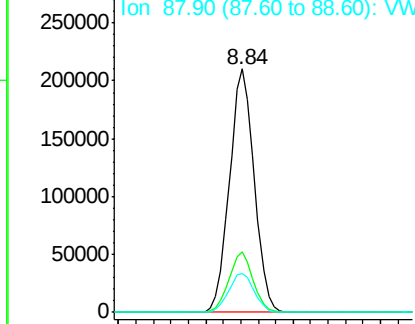
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Instrument :
MSVOA_W
ClientSampled :
T4-A1-(0)

Tot Ion:114 Resp: 413813
Ion Ratio Lower Upper
114 100
63 24.8 0.0 49.2
88 15.9 0.0 33.8

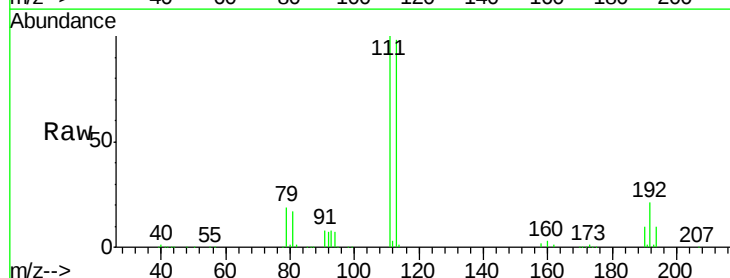


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

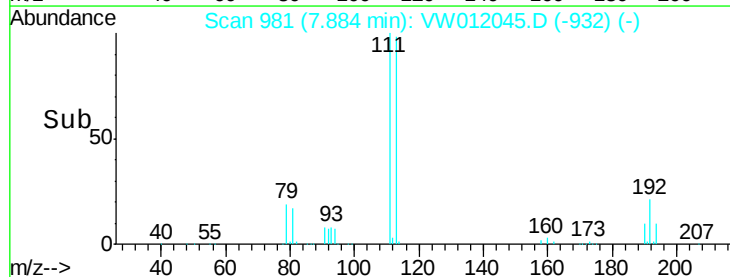
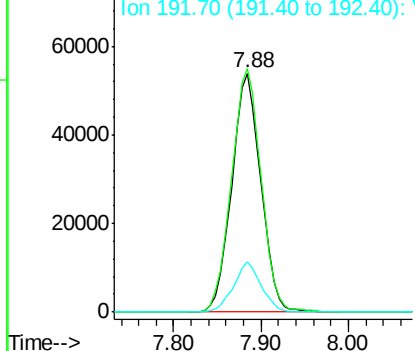


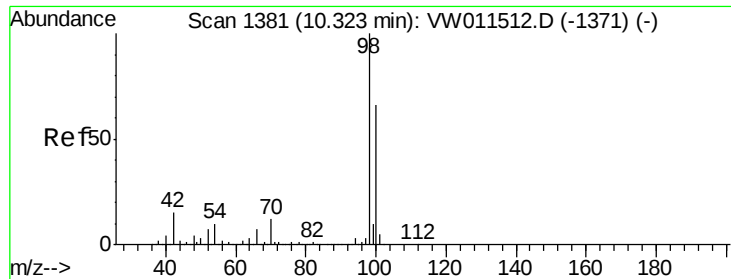
#35
Dibromofluoromethane
Concen: 53.628 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion:113 Resp: 124501
Ion Ratio Lower Upper
113 100
111 103.9 82.7 124.1
192 20.1 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: 51.215 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012045.D

Acq: 20 Aug 2019 22:13

Instrument :

MSVOA_W

ClientSampleId :

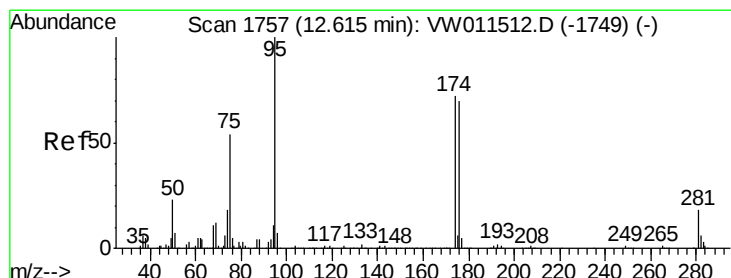
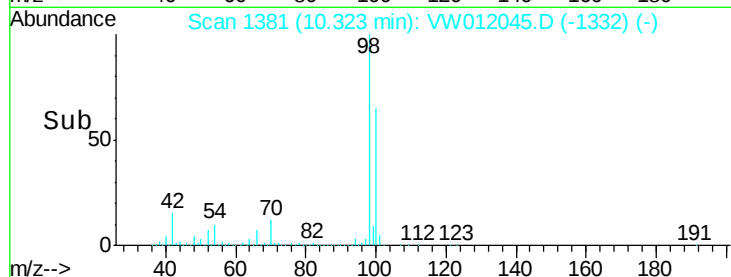
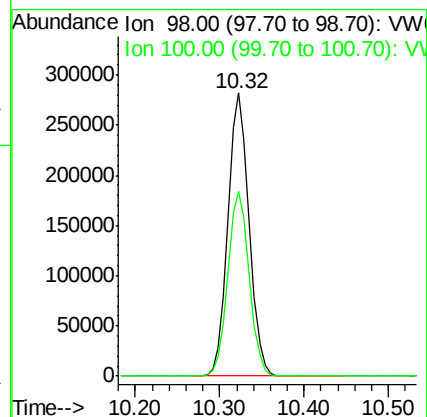
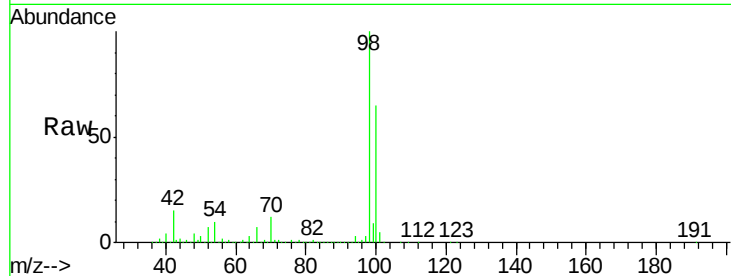
T4-A1-(0)

Tot Ion: 98 Resp: 486804

Ion Ratio Lower Upper

98 100

100 65.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 41.950 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012045.D

Acq: 20 Aug 2019 22:13

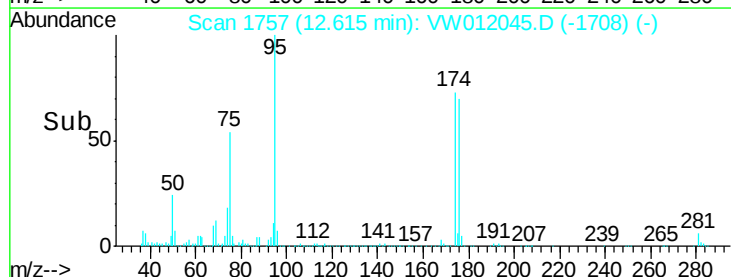
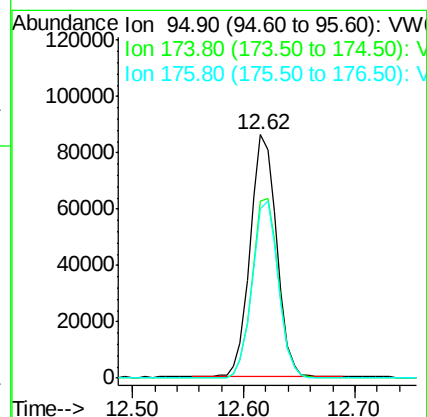
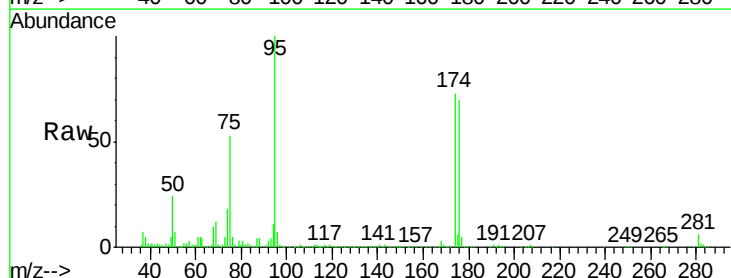
Tgt Ion: 95 Resp: 142158

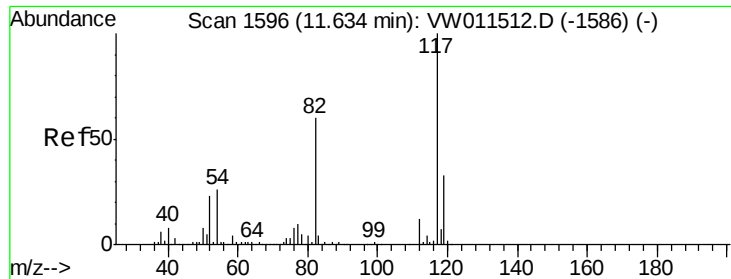
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

176 72.4 0.0 144.4

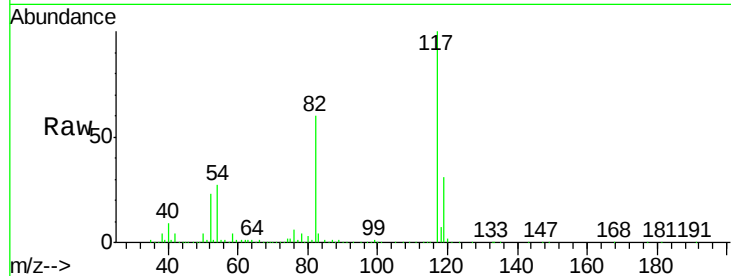




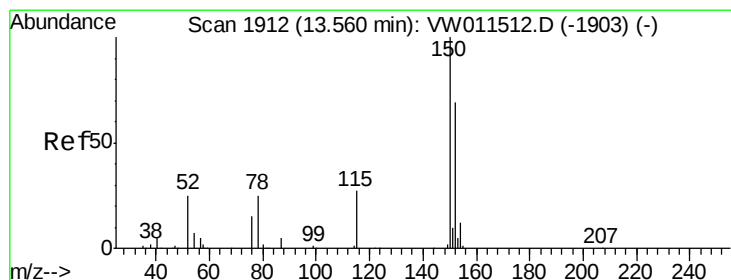
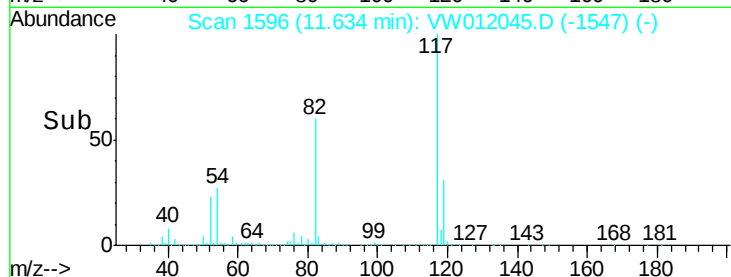
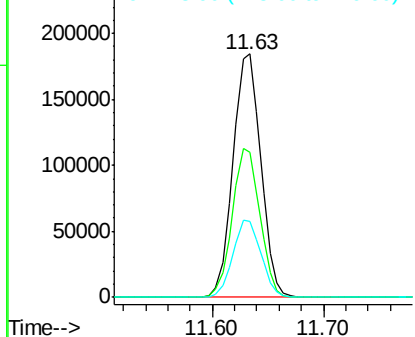
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Instrument :
MSVOA_W
ClientSampleId :
T4-A1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.9	71.9
119	31.1	26.2	39.2

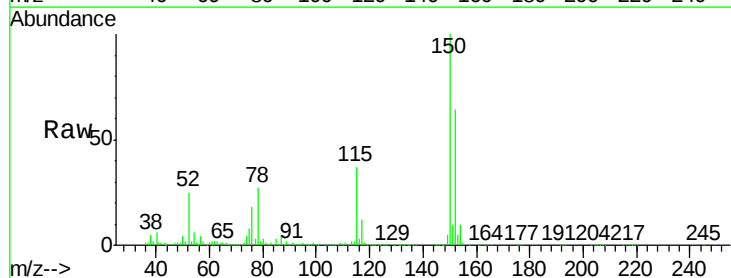


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012045.D
Acq: 20 Aug 2019 22:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.5	91.5
150	155.8	0.0	352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

