

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012083.D
 Acq On : 21 Aug 2019 21:10
 Operator : SY/VA
 Sample : K4403-04
 Misc : 4.28G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H3-(0)

Quant Time: Aug 22 06:53:14 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

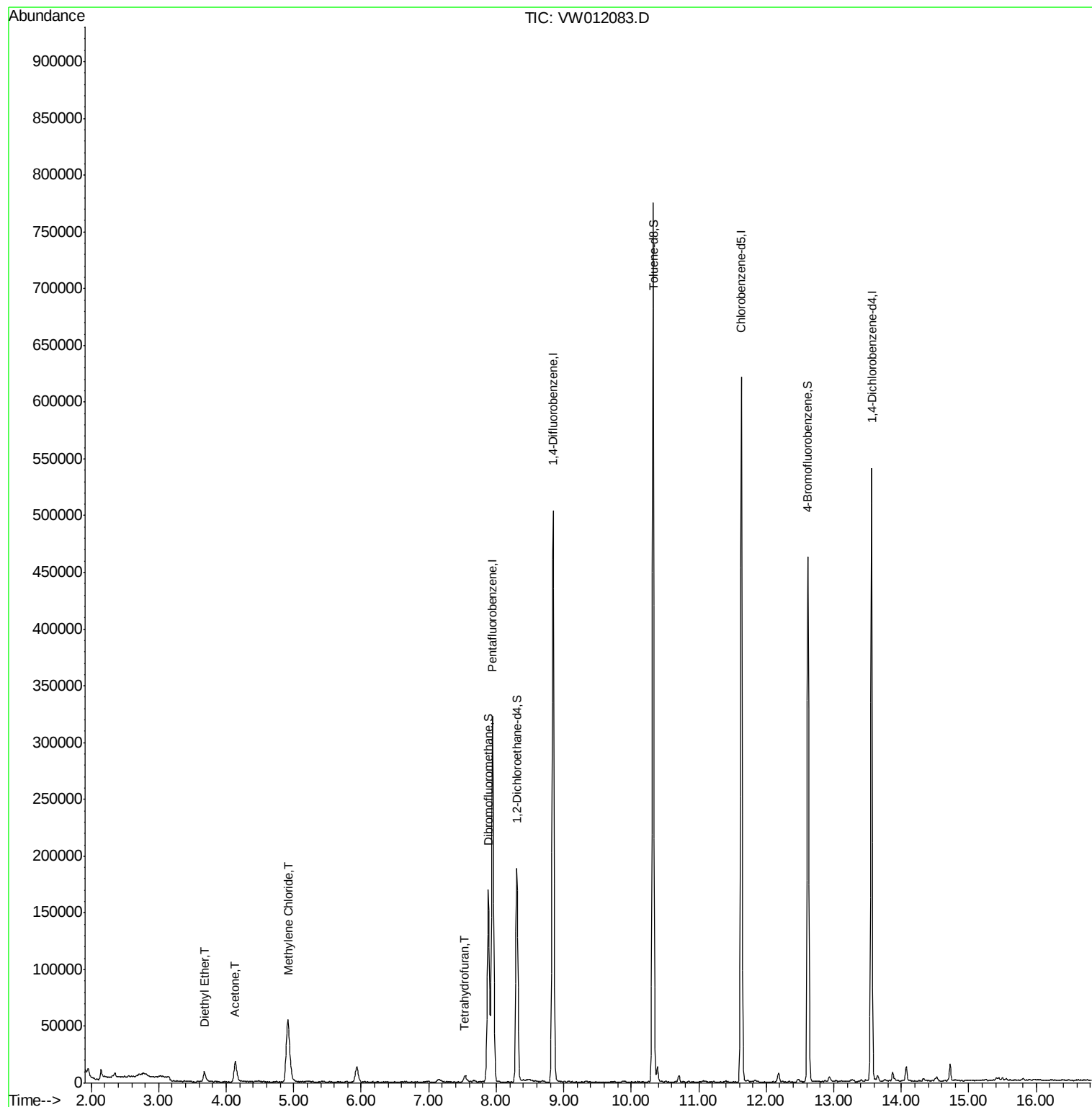
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	395426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	148015	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.88	113	118819	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
50) Toluene-d8	10.32	98	478601	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.62	95	151751	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
Target Compounds						
8) Diethyl Ether	3.68	74	4402	3.165	ug/l	78
16) Acetone	4.14	43	35816	41.569	ug/l	95
20) Methylene Chloride	4.92	84	44405	14.944	ug/l	96
29) Tetrahydrofuran	7.53	42	4906	7.613	ug/l	92

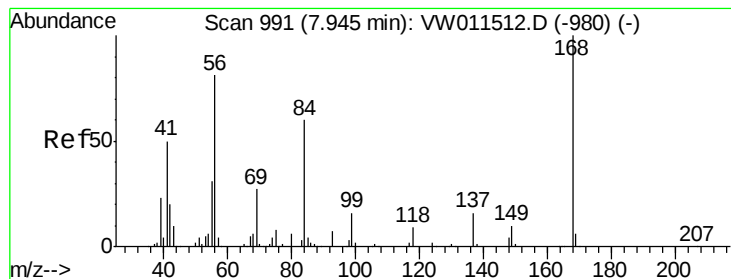
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012083.D

Acq: 21 Aug 2019 21:10

Instrument :

MSVOA_W

ClientSampleId :

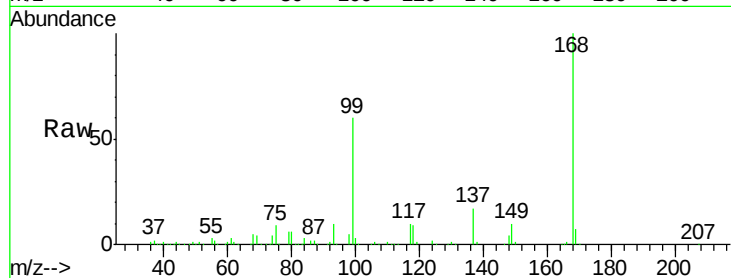
T1-H3-(0)

Tot Ion:168 Resp: 235883

Ion Ratio Lower Upper

168 100

99 60.3 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

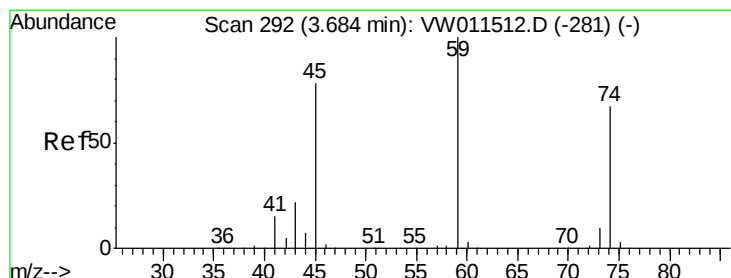
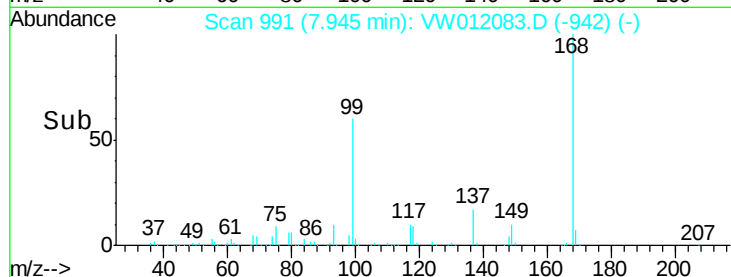
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 3.165 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012083.D

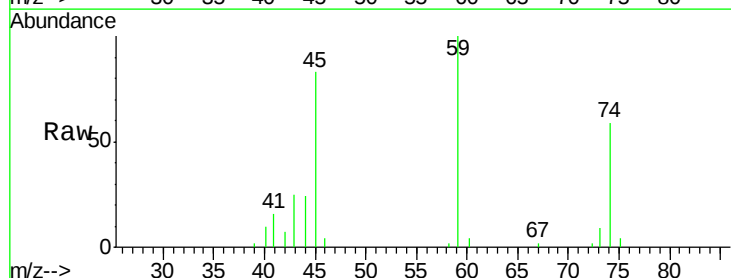
Acq: 21 Aug 2019 21:10

Tgt Ion: 74 Resp: 4402

Ion Ratio Lower Upper

74 100

45 143.2 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

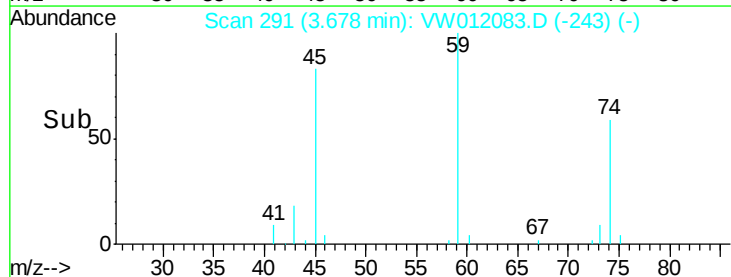
1500

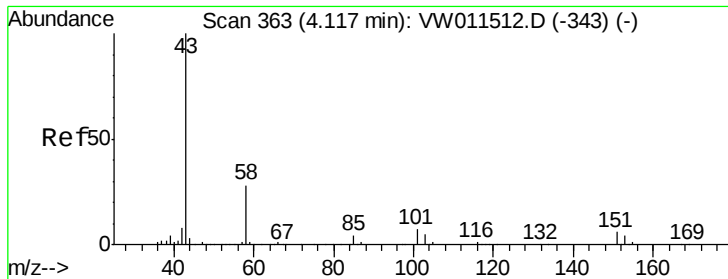
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 41.569 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012083.D

Acq: 21 Aug 2019 21:10

Instrument :

MSVOA_W

ClientSampleId :

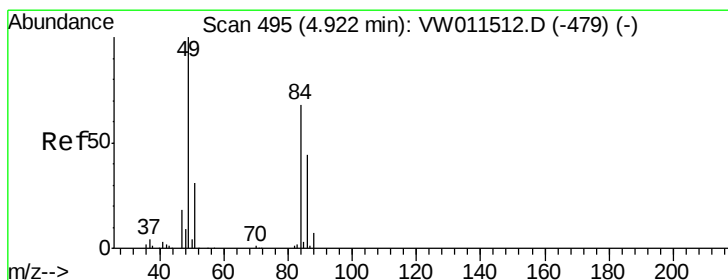
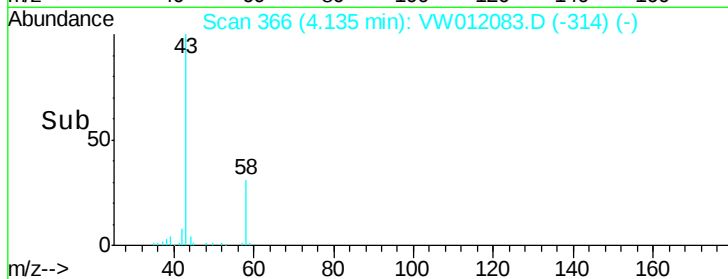
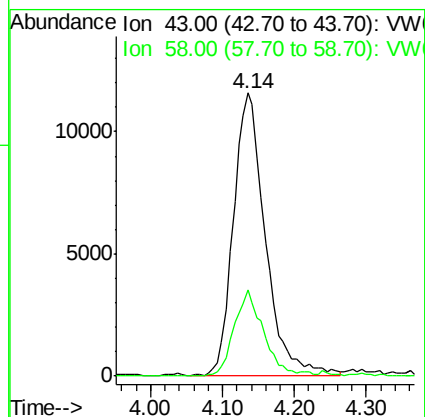
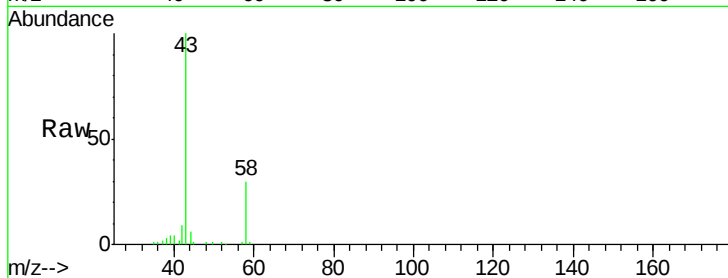
T1-H3-(0)

Tot Ion: 43 Resp: 35816

Ion Ratio Lower Upper

43 100

58 30.4 22.3 33.5



#20

Methylene Chloride

Concen: 14.944 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012083.D

Acq: 21 Aug 2019 21:10

Tgt Ion: 84 Resp: 44405

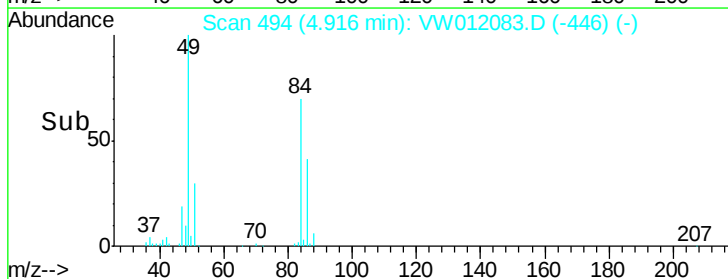
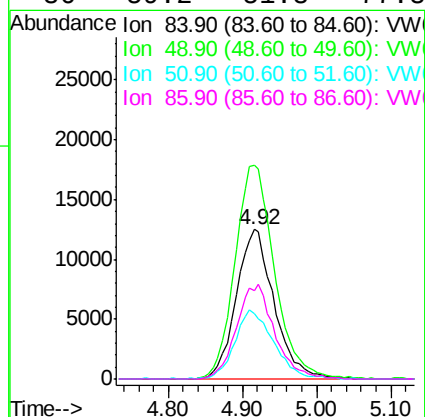
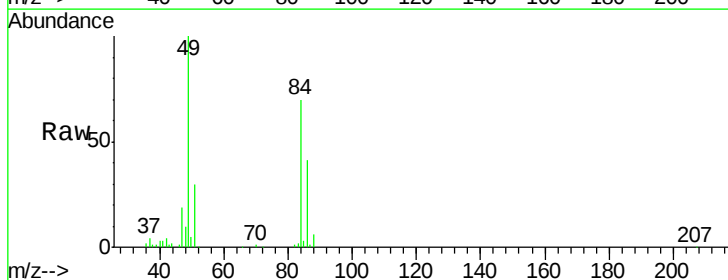
Ion Ratio Lower Upper

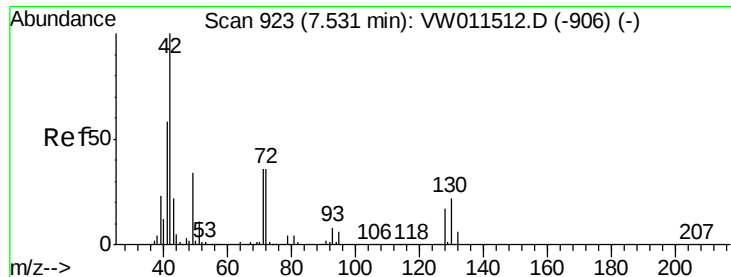
84 100

49 143.0 117.8 176.6

51 43.5 37.0 55.4

86 59.2 51.8 77.8

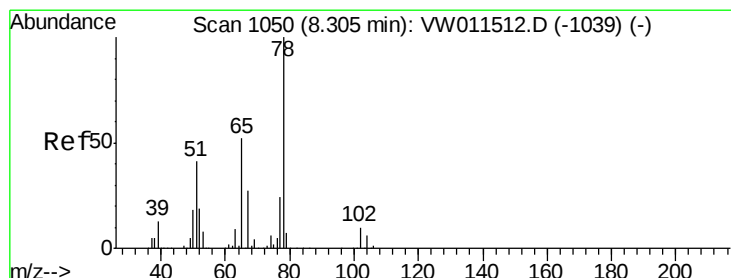
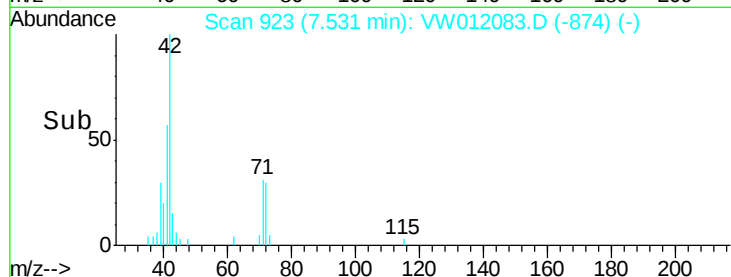
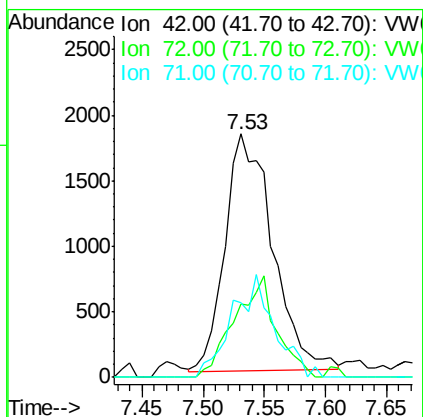
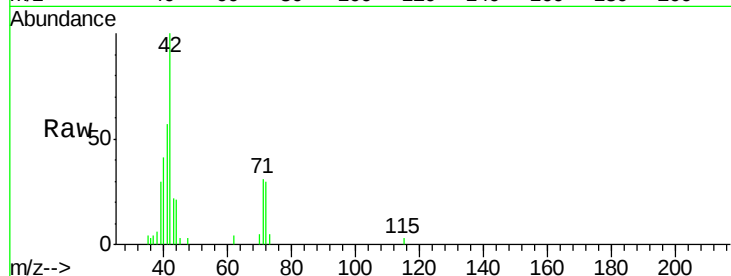




#29
Tetrahydrofuran
Concen: 7.613 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

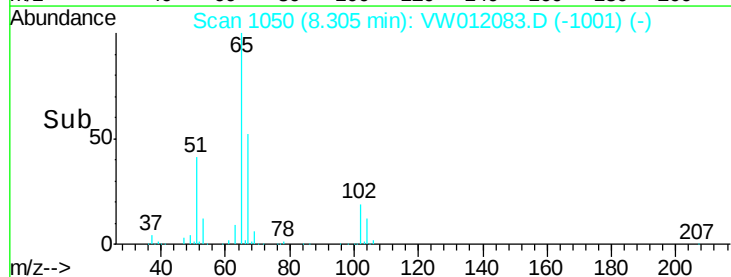
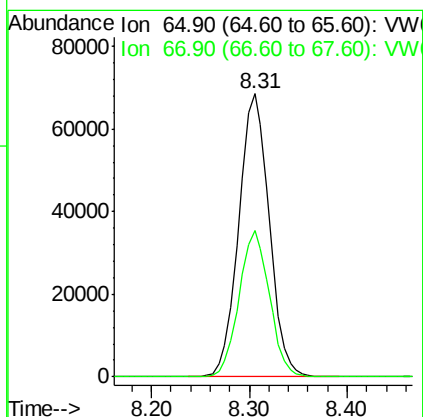
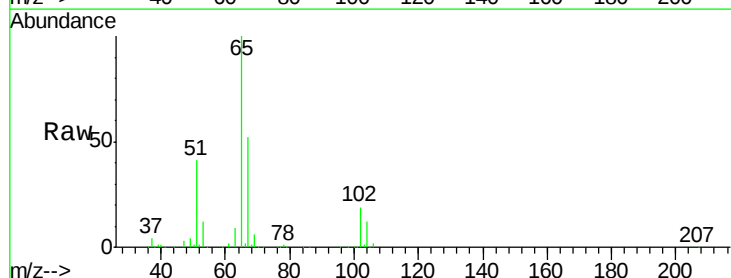
Instrument :
MSVOA_W
ClientSampleId :
T1-H3-(0)

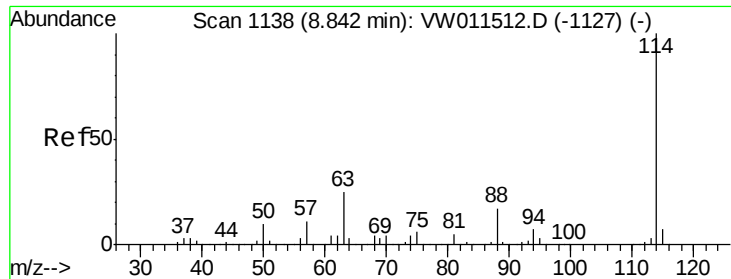
Tot Ion: 42 Resp: 4906
Ion Ratio Lower Upper
42 100
72 37.6 27.1 40.7
71 38.4 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.646 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

Tgt Ion: 65 Resp: 148015
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

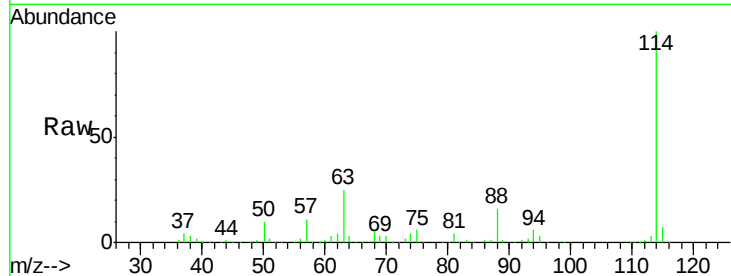




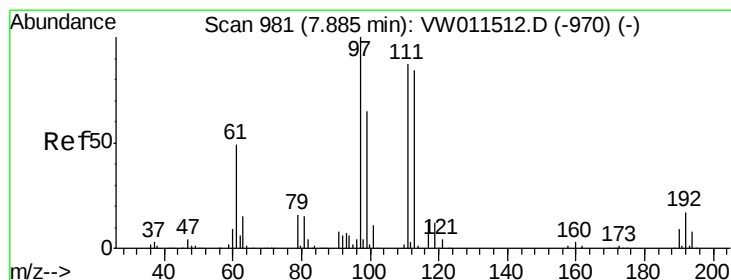
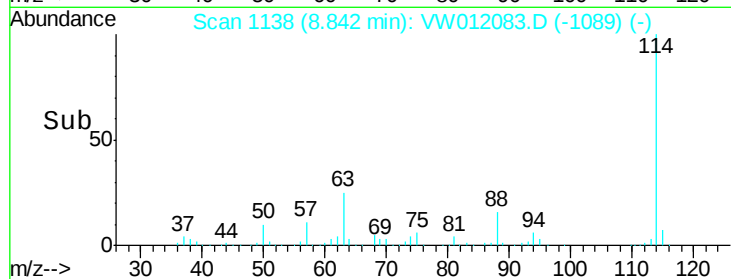
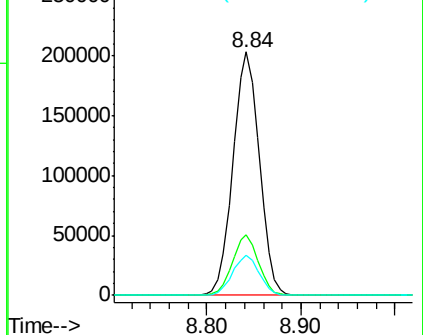
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012083.D
 Acq: 21 Aug 2019 21:10

Instrument :
 MSVOA_W
 ClientSampled :
 T1-H3-(0)

Tot Ion:114 Resp: 395426
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.2
 88 16.2 0.0 33.8

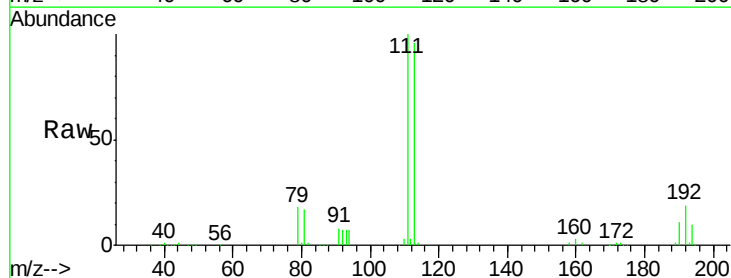


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

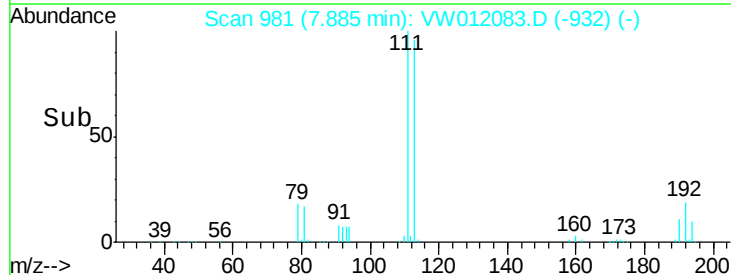
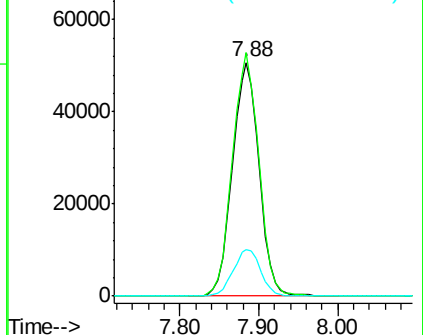


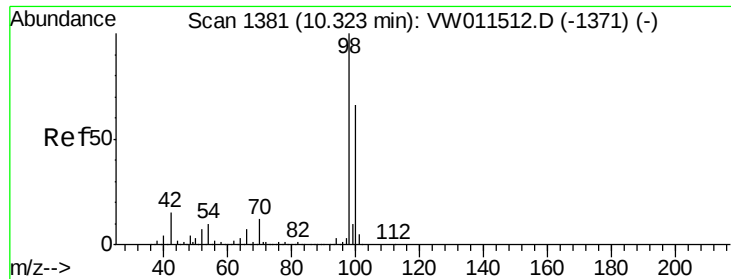
#35
 Dibromofluoromethane
 Concen: 53.560 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012083.D
 Acq: 21 Aug 2019 21:10

Tgt Ion:113 Resp: 118819
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 20.4 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

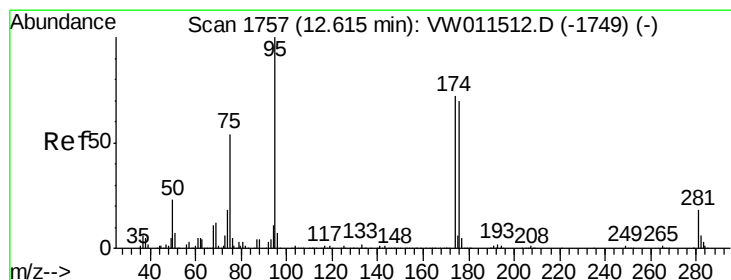
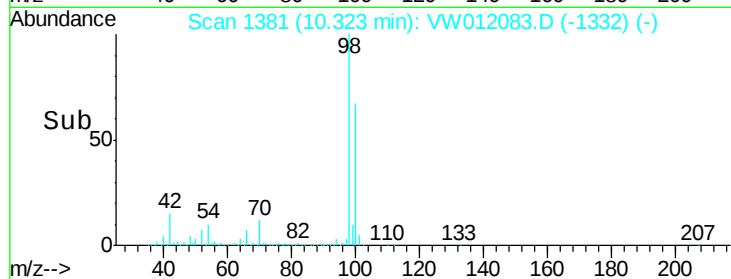
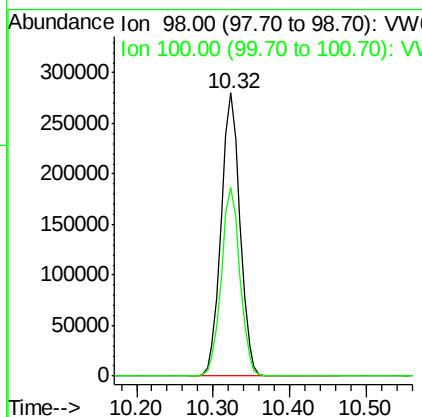
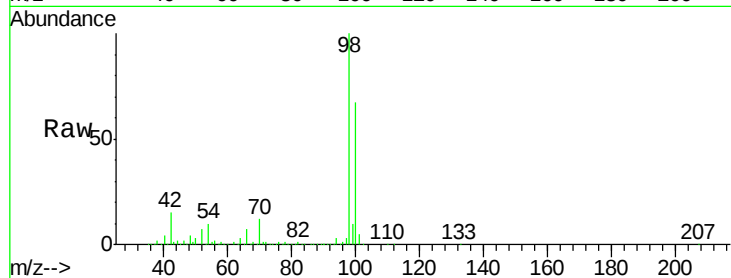




#50
Toluene-d8
Concen: 52.693 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

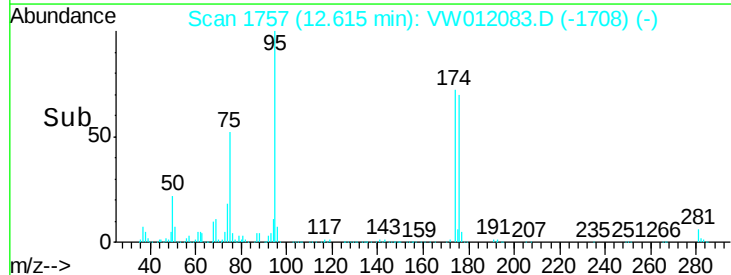
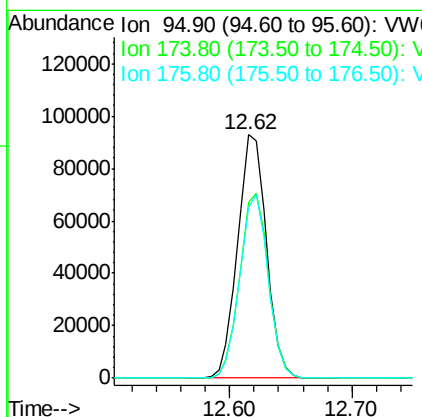
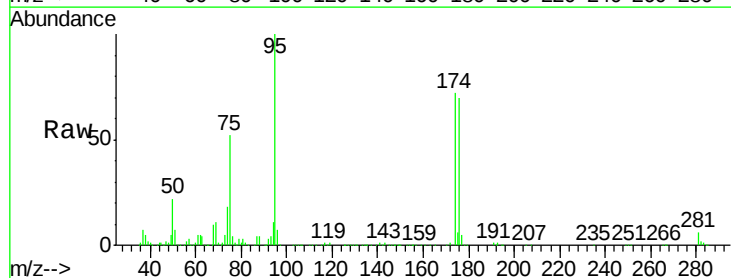
Instrument :
MSVOA_W
ClientSampleId :
T1-H3-(0)

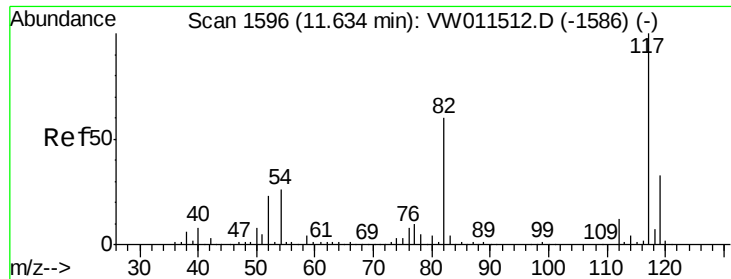
Tot Ion: 98 Resp: 478601
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.863 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

Tgt Ion: 95 Resp: 151751
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.2
176 74.3 0.0 144.4

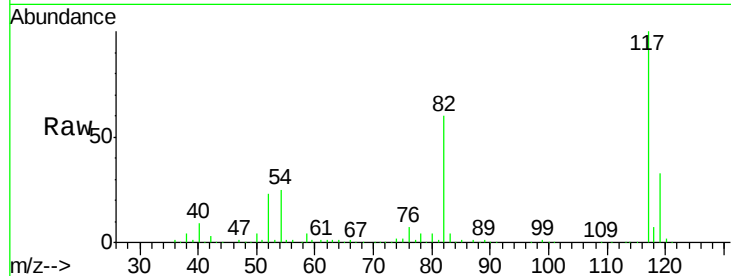




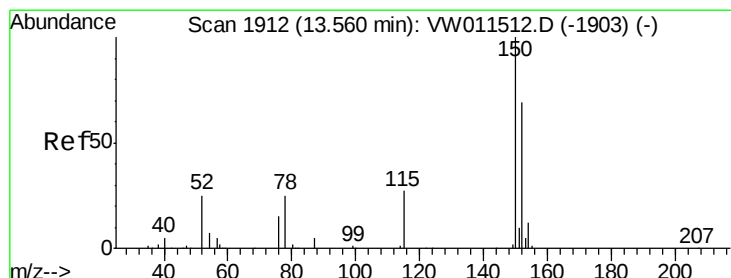
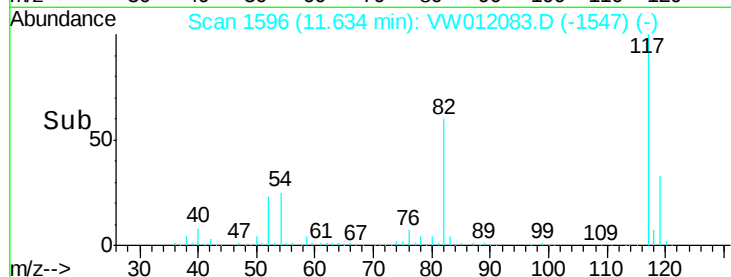
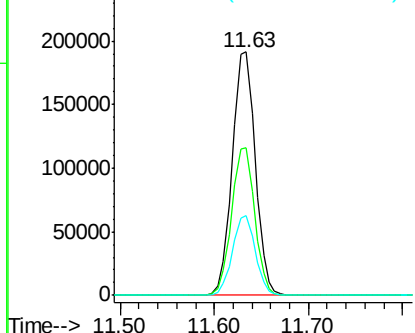
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

Instrument :
MSVOA_W
ClientSampleId :
T1-H3-(0)

Tot Ion:117 Resp: 326469
Ion Ratio Lower Upper
117 100
82 60.4 47.9 71.9
119 32.9 26.2 39.2

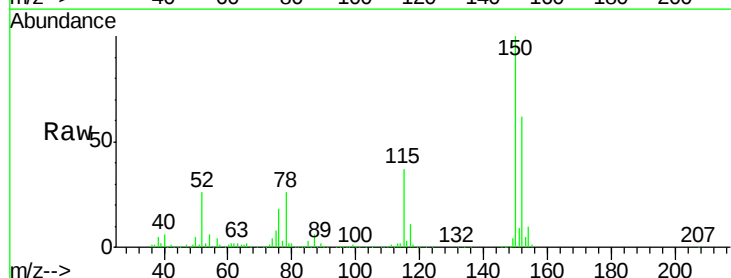


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012083.D
Acq: 21 Aug 2019 21:10

Tgt Ion:152 Resp: 130421
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 157.6 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

