

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012053.D
 Acq On : 21 Aug 2019 01:41
 Operator : SY/VA
 Sample : K4387-19
 Misc : 5.85G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B1-(0)

Quant Time: Aug 21 03:05:09 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

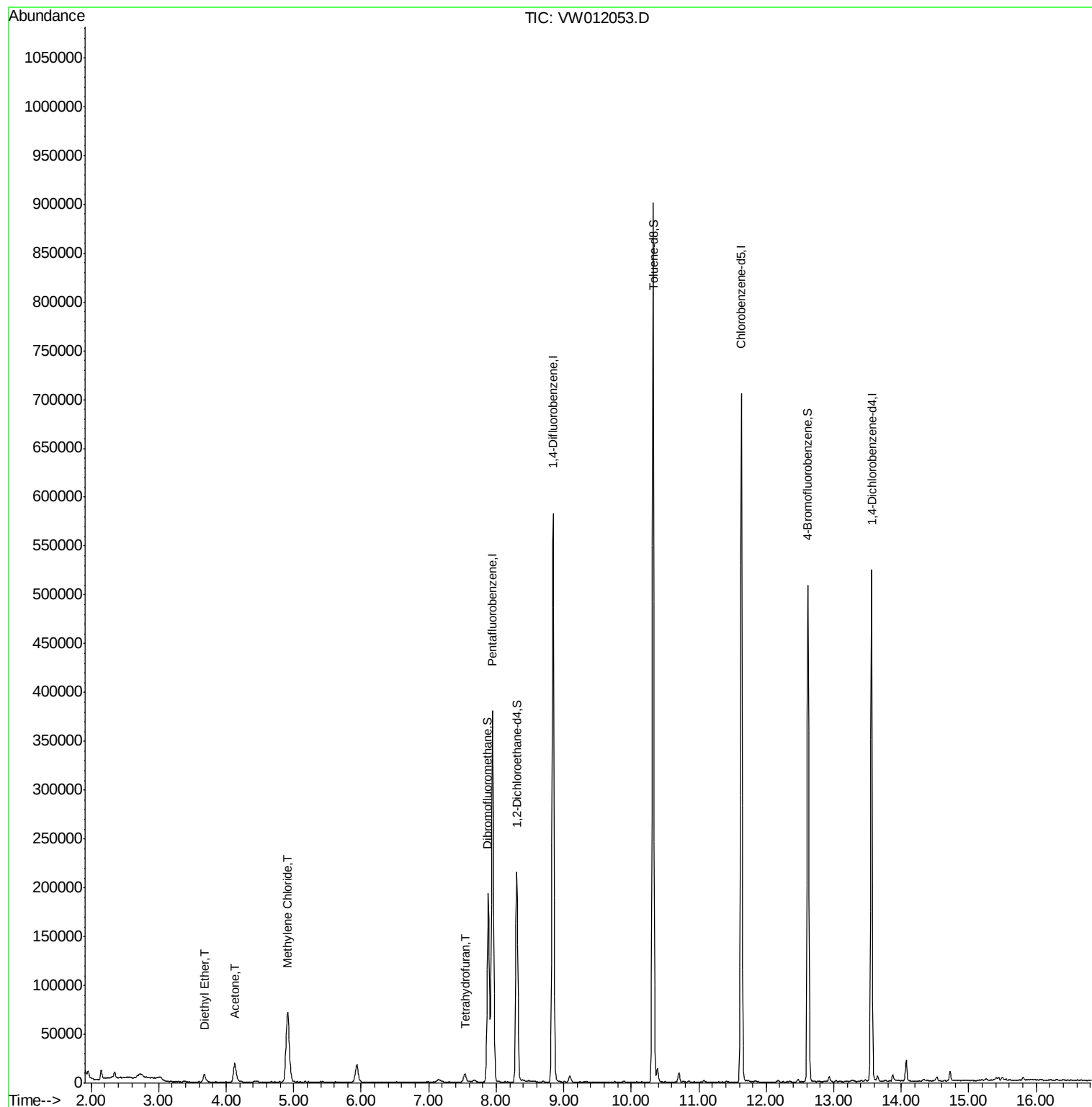
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	457270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170401	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
35) Dibromofluoromethane	7.88	113	138459	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	10.32	98	569061	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.62	95	168883	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
8) Diethyl Ether	3.68	74	4138	2.539	ug/l	90
16) Acetone	4.13	43	36896	36.537	ug/l	98
20) Methylene Chloride	4.91	84	54521	15.655	ug/l	98
29) Tetrahydrofuran	7.53	42	8045	10.651	ug/l	98

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

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Quant Title : SW846 8260
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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: VW012053.D

Acq: 21 Aug 2019 01:41

Instrument :

MSVOA_W

ClientSampleId :

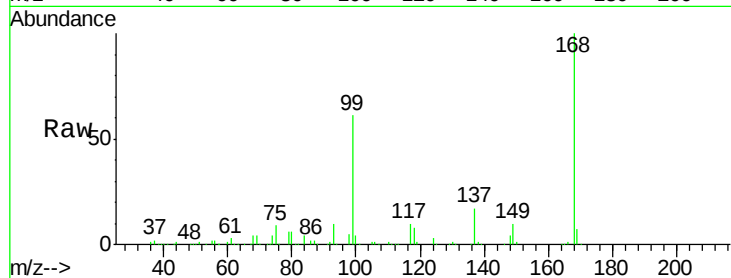
T4-B1-(0)

Tot Ion:168 Resp: 276466

Ion Ratio Lower Upper

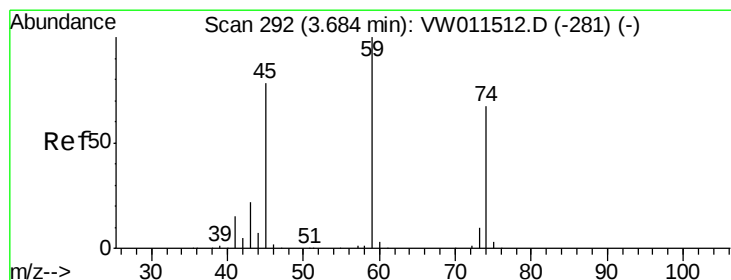
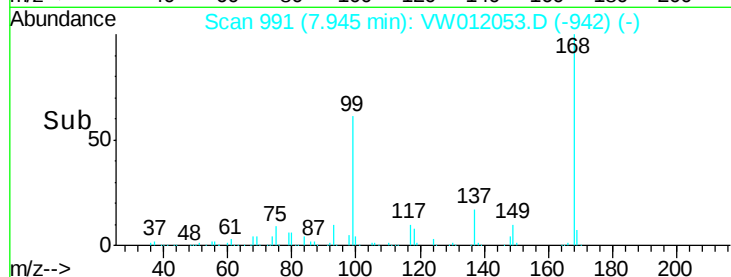
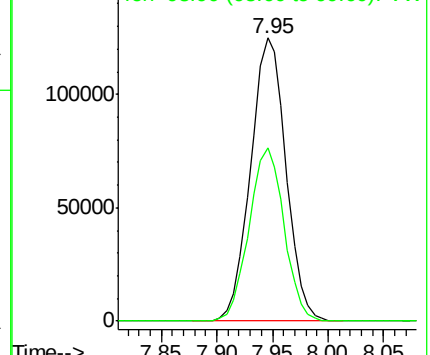
168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.539 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW012053.D

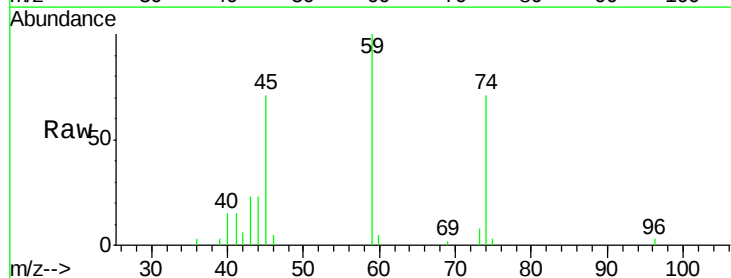
Acq: 21 Aug 2019 01:41

Tgt Ion: 74 Resp: 4138

Ion Ratio Lower Upper

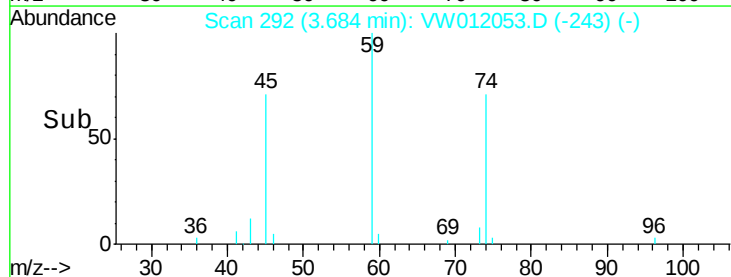
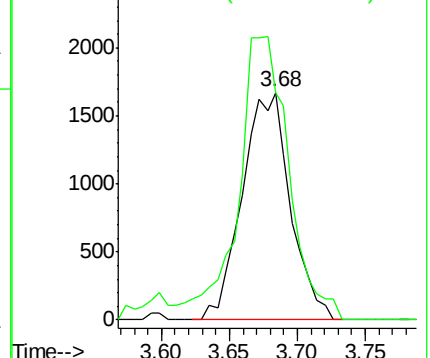
74 100

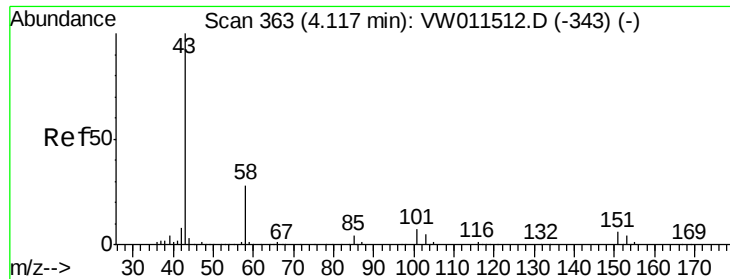
45 130.7 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 36.537 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012053.D

Acq: 21 Aug 2019 01:41

Instrument :

MSVOA_W

ClientSampled :

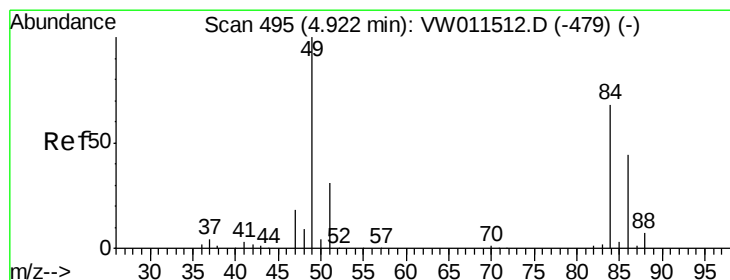
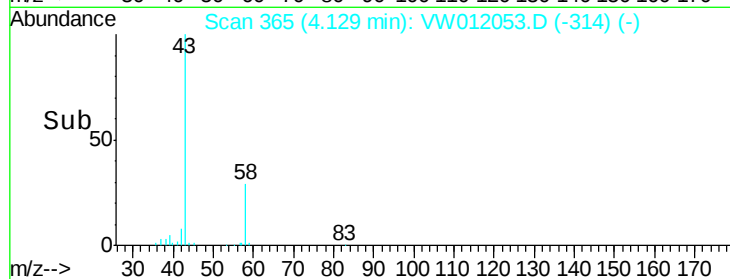
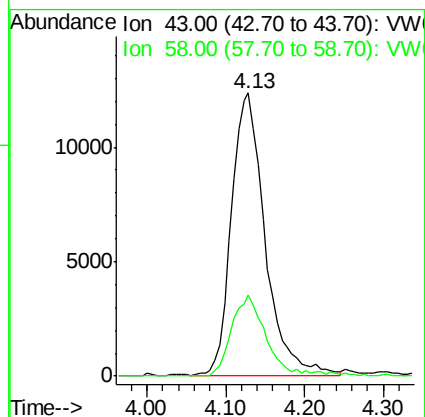
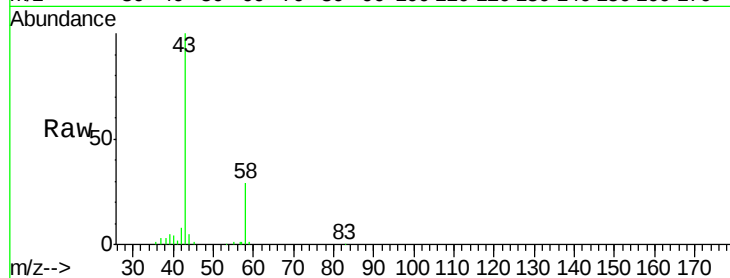
T4-B1-(0)

Tot Ion: 43 Resp: 36896

Ion Ratio Lower Upper

43 100

58 28.7 22.3 33.5



#20

Methylene Chloride

Concen: 15.655 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012053.D

Acq: 21 Aug 2019 01:41

Tgt Ion: 84 Resp: 54521

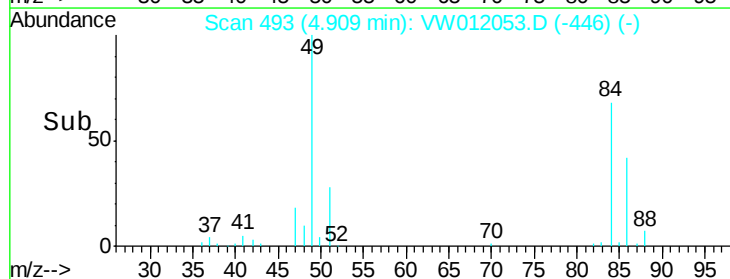
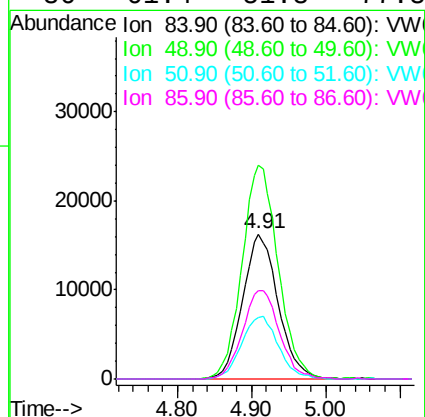
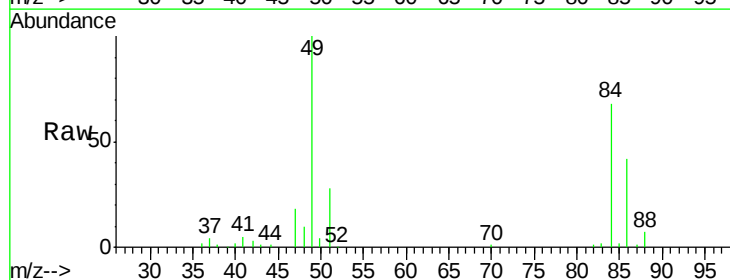
Ion Ratio Lower Upper

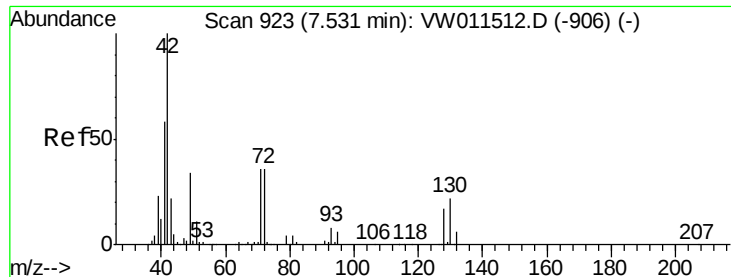
84 100

49 147.4 117.8 176.6

51 42.0 37.0 55.4

86 61.4 51.8 77.8

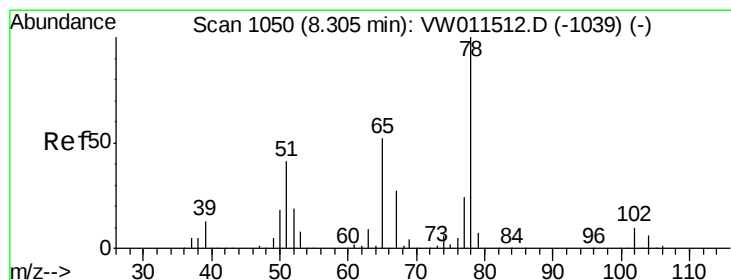
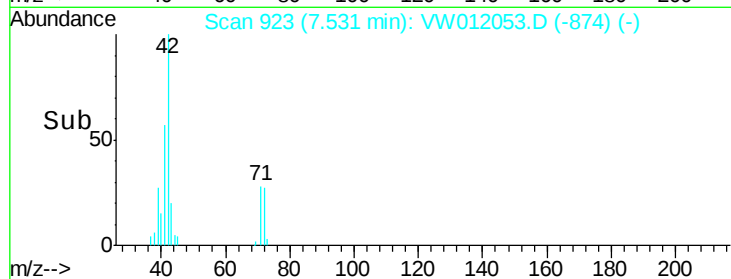
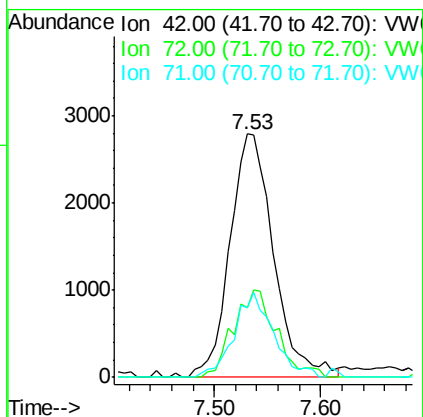
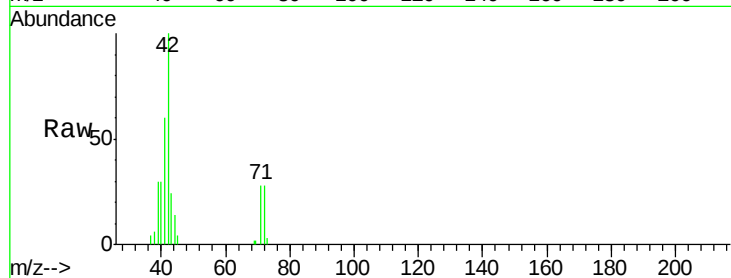




#29
Tetrahydrofuran
Concen: 10.651 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

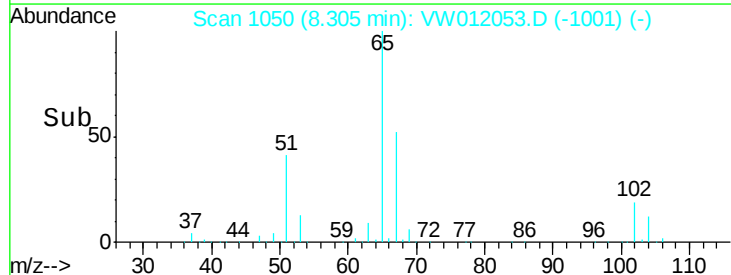
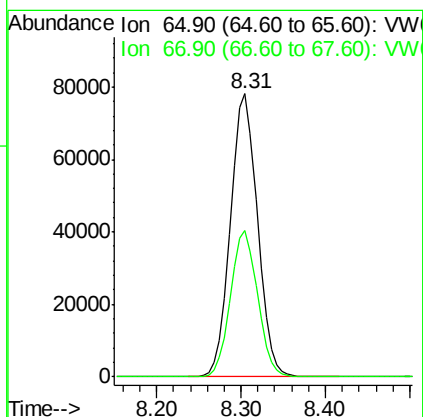
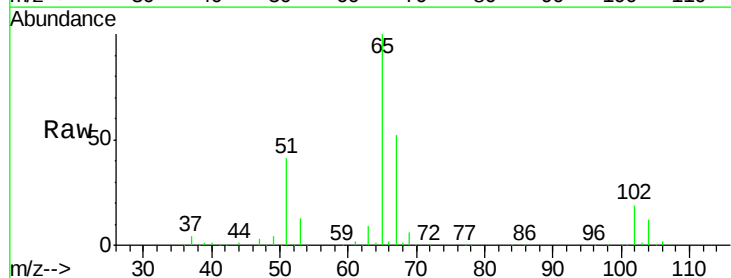
Instrument :
MSVOA_W
ClientSampled :
T4-B1-(0)

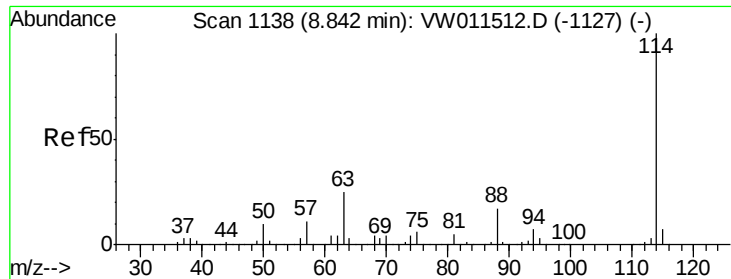
Tot Ion	Ratio	Lower	Upper
42	100		
72	35.0	27.1	40.7
71	31.3	26.2	39.4



#33
1,2-Dichloroethane-d4
Concen: 53.676 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.2

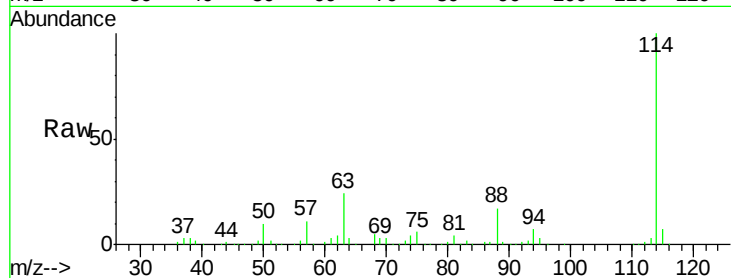




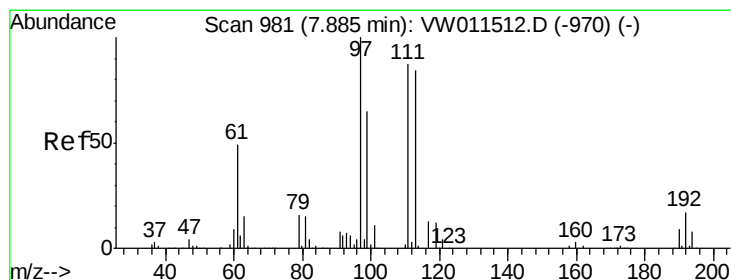
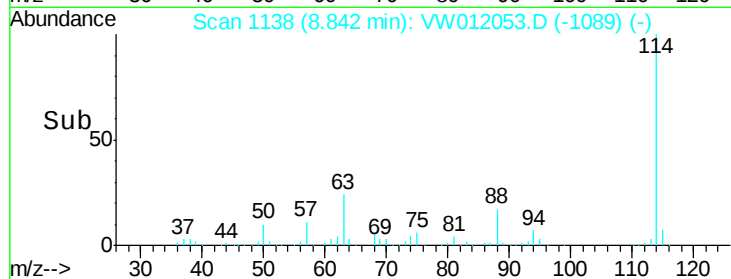
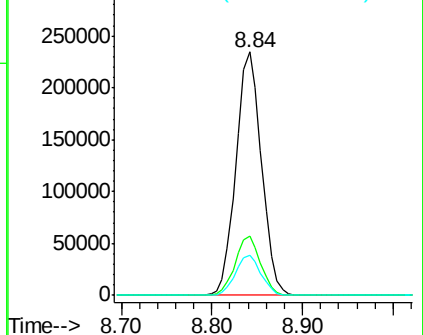
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-B1-(0)

Tot Ion:114 Resp: 457270
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 16.7 0.0 33.8

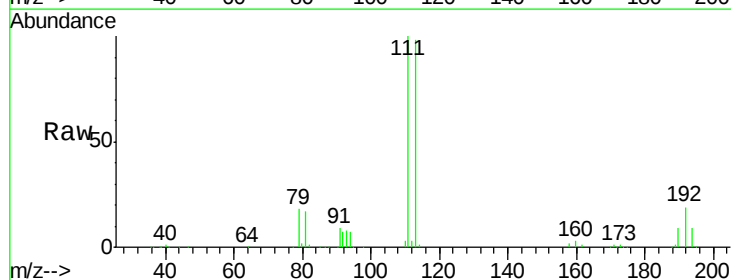


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

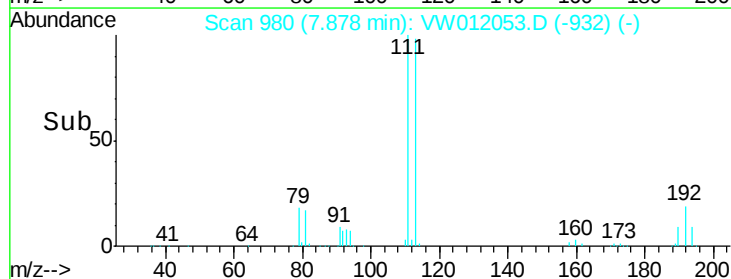
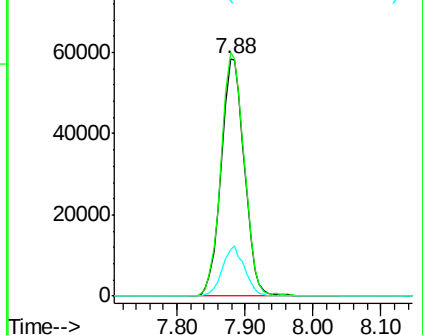


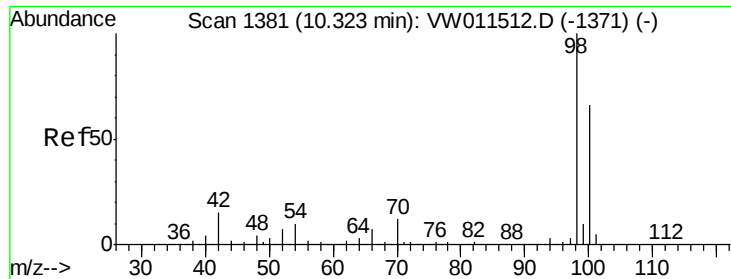
#35
 Dibromofluoromethane
 Concen: 53.972 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012053.D
 Acq: 21 Aug 2019 01:41

Tgt Ion:113 Resp: 138459
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.7 124.1
 192 19.9 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

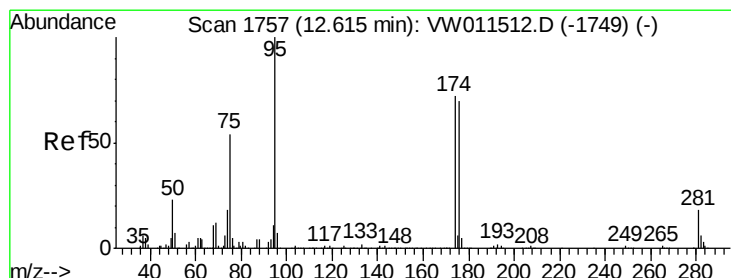
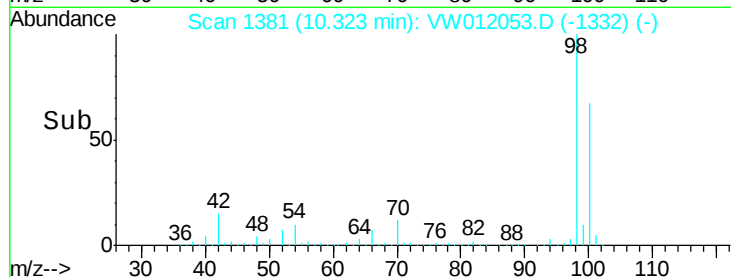
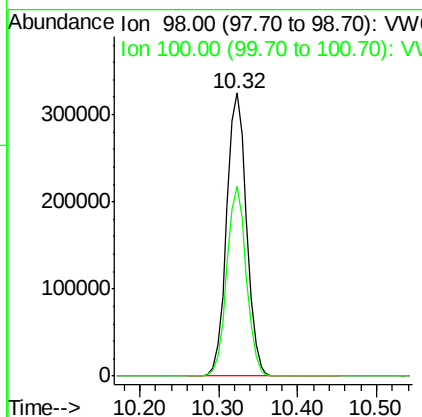
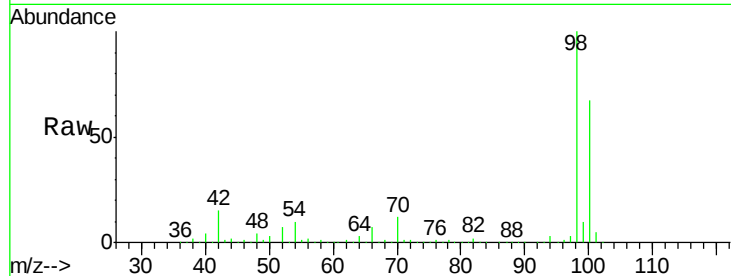




#50
Toluene-d8
Concen: 54.179 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

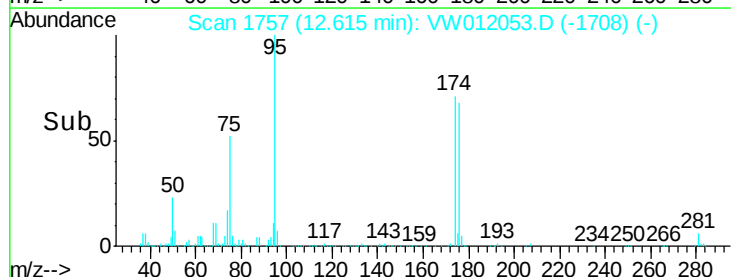
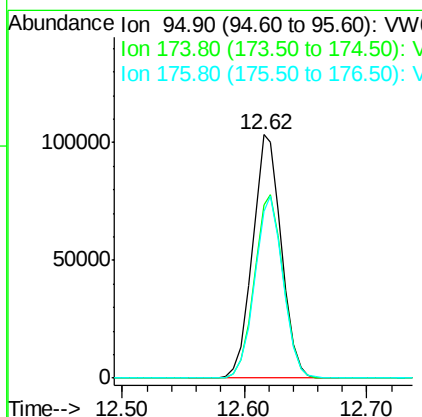
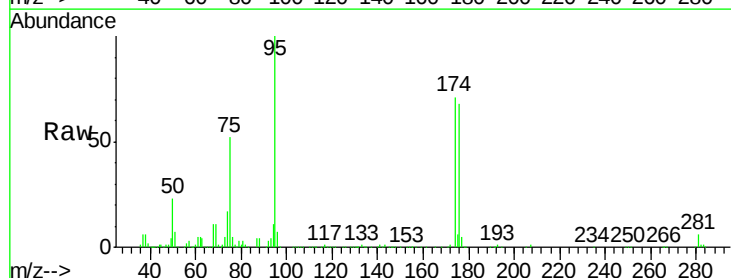
Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

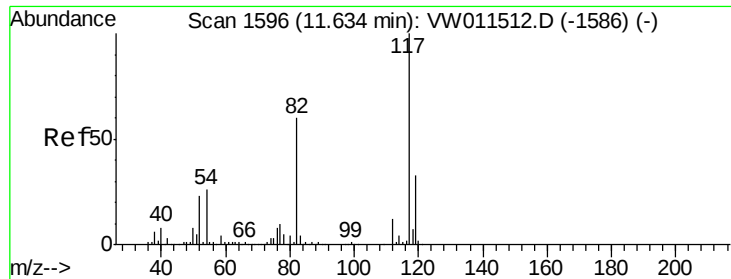
Tot Ion: 98 Resp: 569061
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.100 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion: 95 Resp: 168883
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.2
176 73.6 0.0 144.4

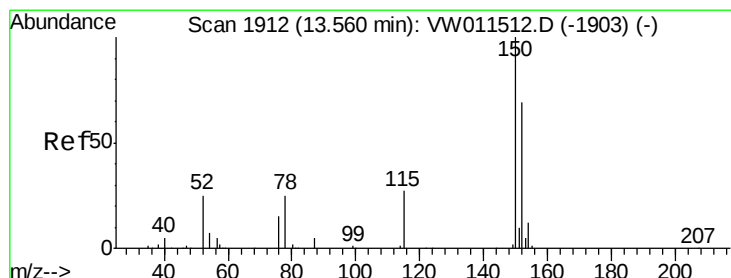
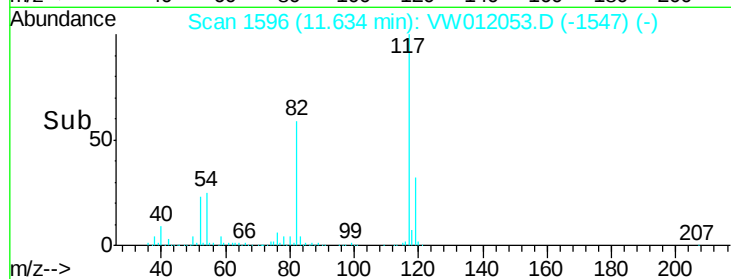
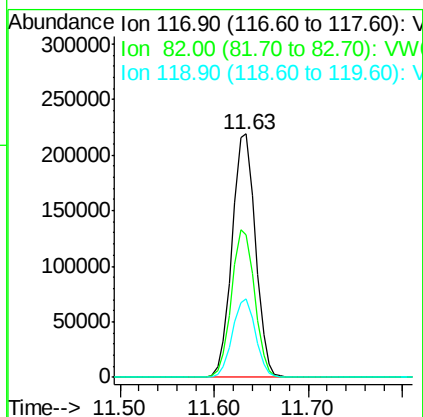
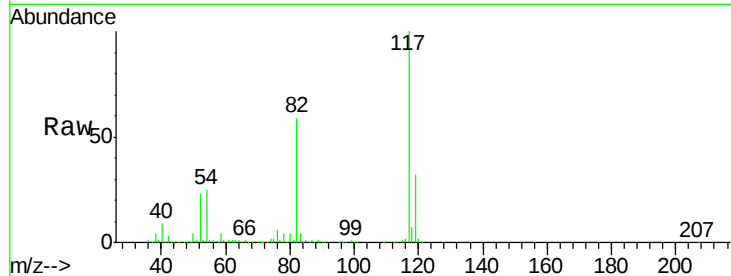




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012053.D
Acq: 21 Aug 2019 01:41

Instrument :
MSVOA_W
ClientSampleId :
T4-B1-(0)

Tot Ion:117 Resp: 378705
Ion Ratio Lower Upper
117 100
82 58.6 47.9 71.9
119 32.1 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: VW012053.D
Acq: 21 Aug 2019 01:41

Tgt Ion:152 Resp: 130044
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 159.0 0.0 352.6

