

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012085.D
 Acq On : 21 Aug 2019 22:02
 Operator : SY/VA
 Sample : K4403-06
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(2.5)

Quant Time: Aug 22 07:00:40 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

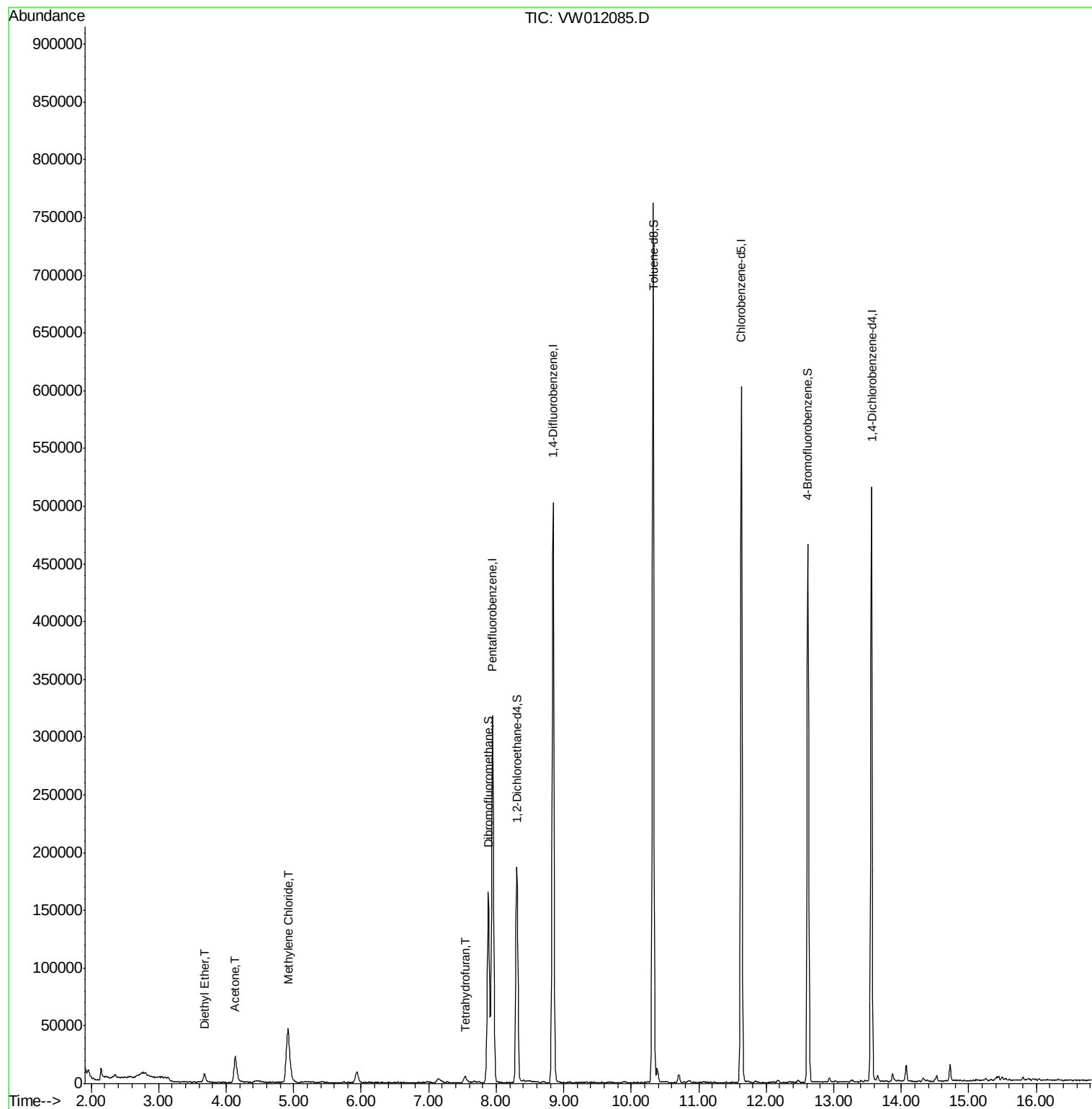
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147952	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.88	113	117565	53.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.86%	
50) Toluene-d8	10.32	98	470741	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.62	95	150365	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
Target Compounds						
8) Diethyl Ether	3.67	74	3779	2.774	ug/l	81
16) Acetone	4.14	43	44424	52.637	ug/l	95
20) Methylene Chloride	4.92	84	37264	12.803	ug/l	97
29) Tetrahydrofuran	7.54	42	5274	8.355	ug/l	100

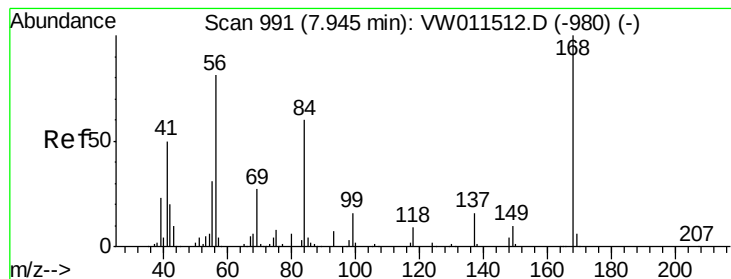
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012085.D

Acq: 21 Aug 2019 22:02

Instrument :

MSVOA_W

ClientSampleId :

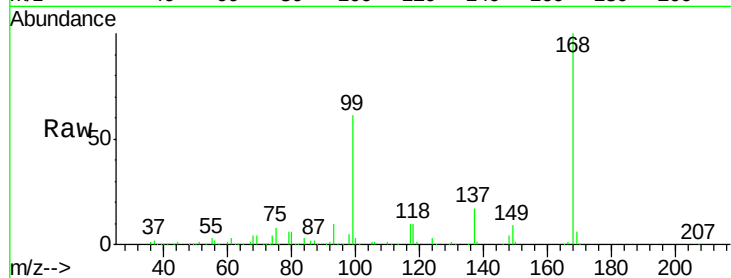
T1-H1-(2.5)

Tot Ion:168 Resp: 231055

Ion Ratio Lower Upper

168 100

99 60.8 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

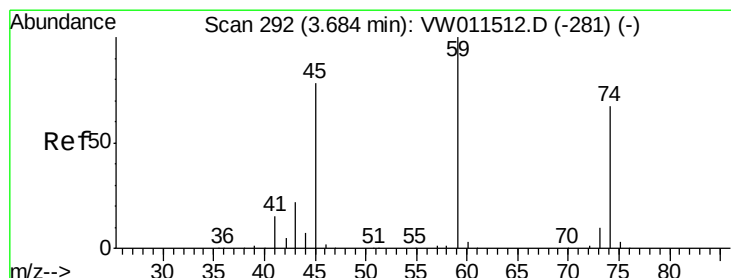
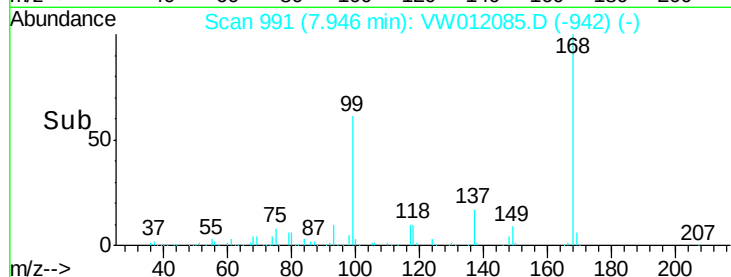
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.774 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW012085.D

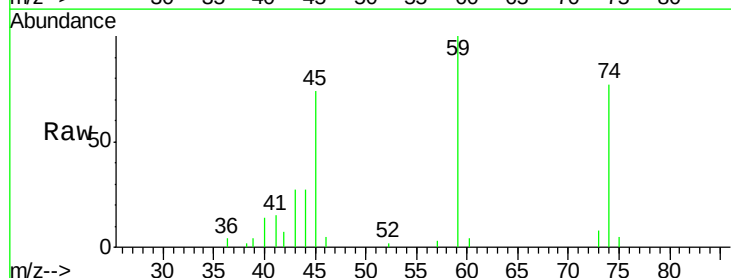
Acq: 21 Aug 2019 22:02

Tgt Ion: 74 Resp: 3779

Ion Ratio Lower Upper

74 100

45 139.8 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

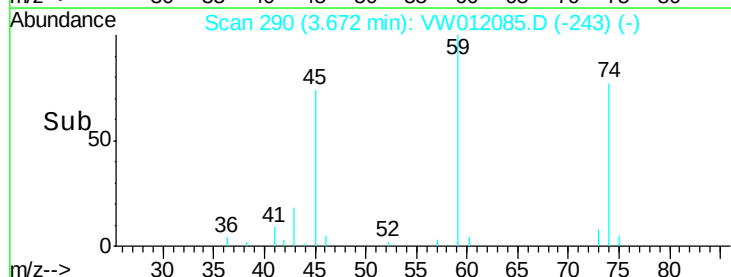
1500

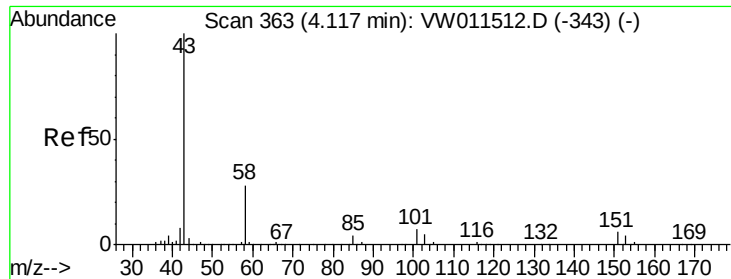
1000

500

0

Time-->





#16

Acetone

Concen: 52.637 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012085.D

Acq: 21 Aug 2019 22:02

Instrument :

MSVOA_W

ClientSampleId :

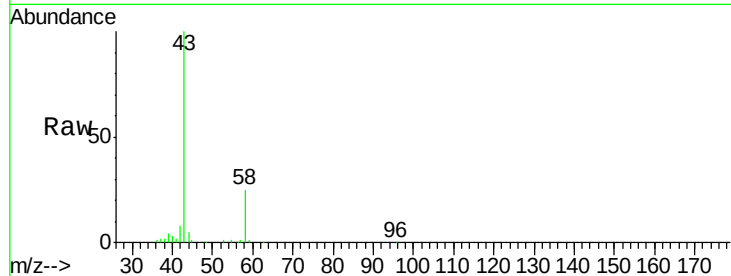
T1-H1-(2.5)

Tot Ion: 43 Resp: 44424

Ion Ratio Lower Upper

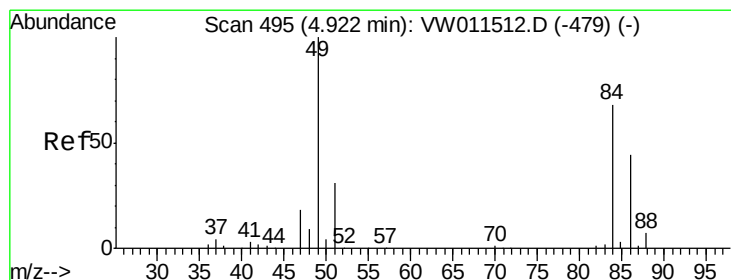
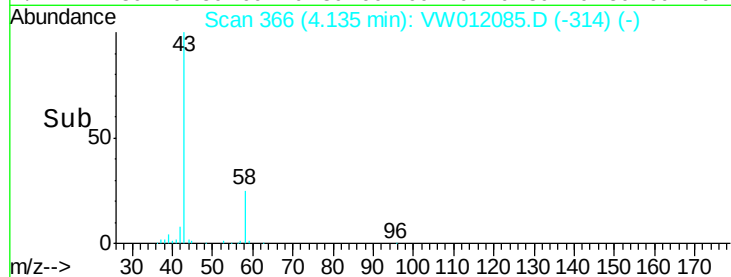
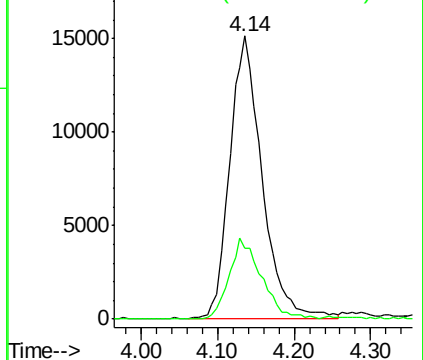
43 100

58 25.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 12.803 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012085.D

Acq: 21 Aug 2019 22:02

Tgt Ion: 84 Resp: 37264

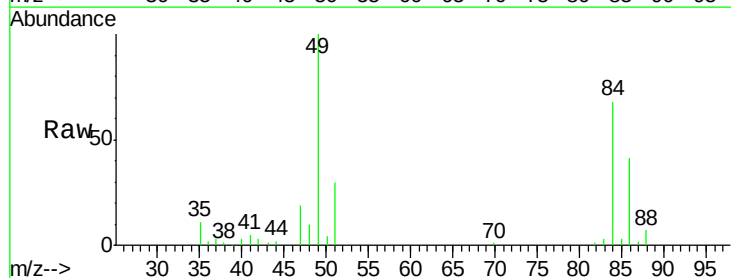
Ion Ratio Lower Upper

84 100

49 145.6 117.8 176.6

51 43.6 37.0 55.4

86 60.6 51.8 77.8

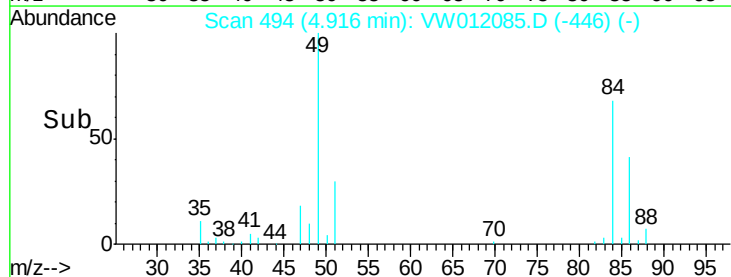
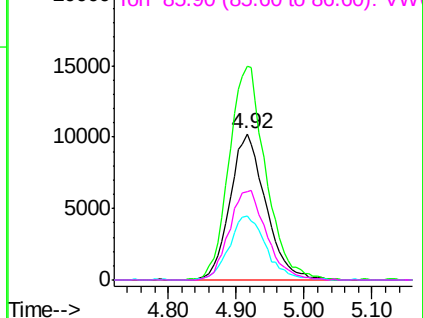


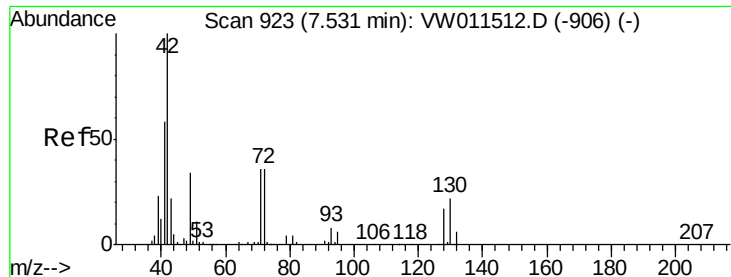
Abundance Ion 83.90 (83.60 to 84.60): VW

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

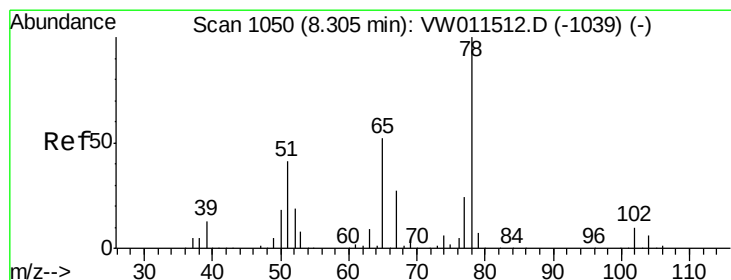
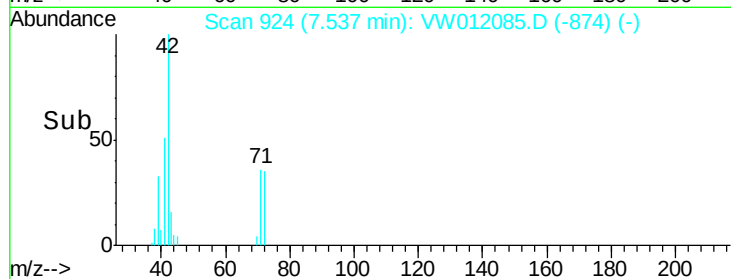
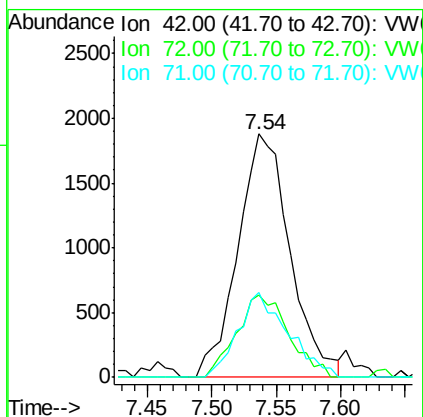
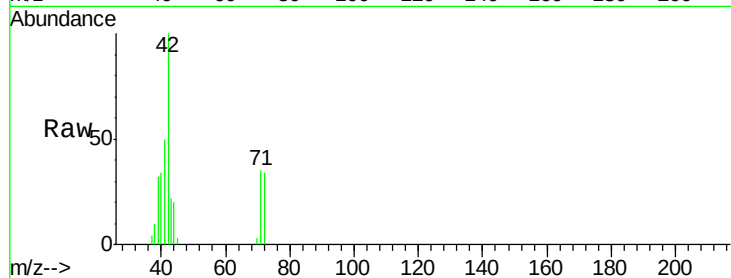




#29
Tetrahydrofuran
Concen: 8.355 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

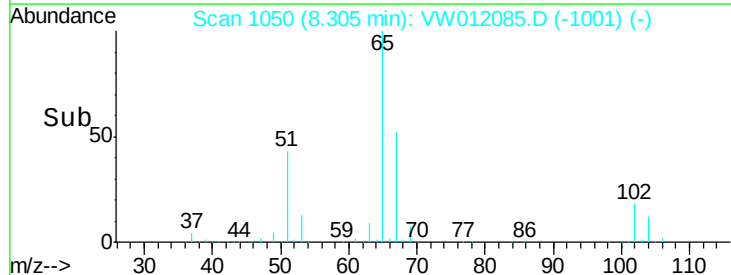
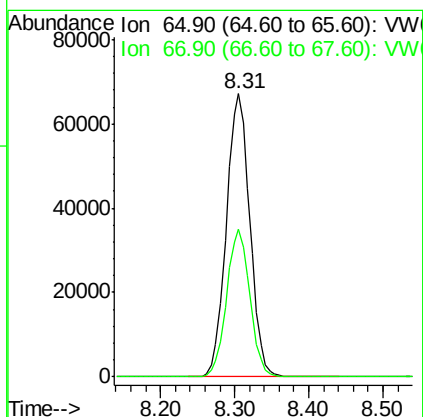
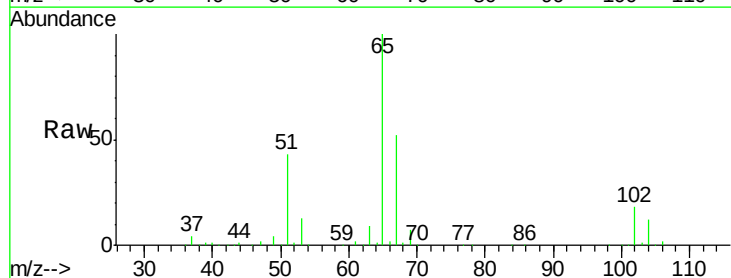
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

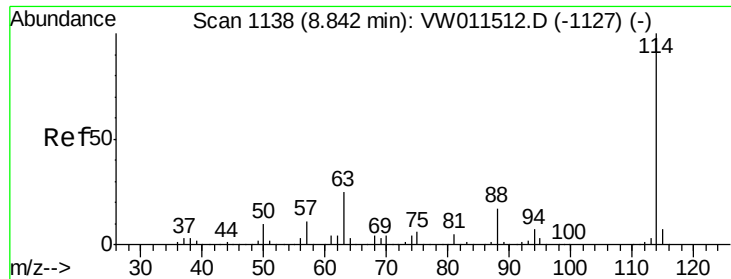
Tot Ion: 42 Resp: 5274
Ion Ratio Lower Upper
42 100
72 33.9 27.1 40.7
71 33.3 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 55.765 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion: 65 Resp: 147952
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

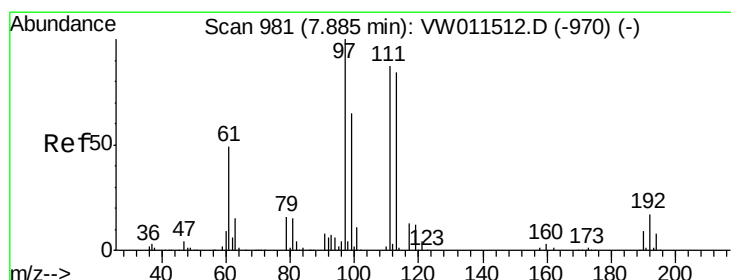
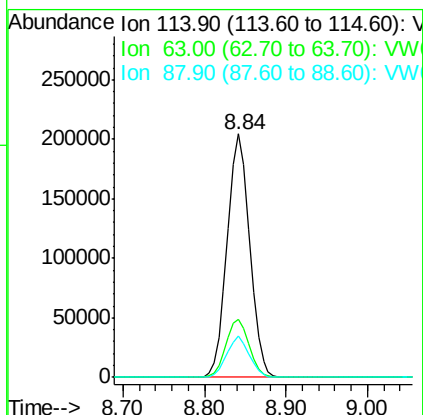
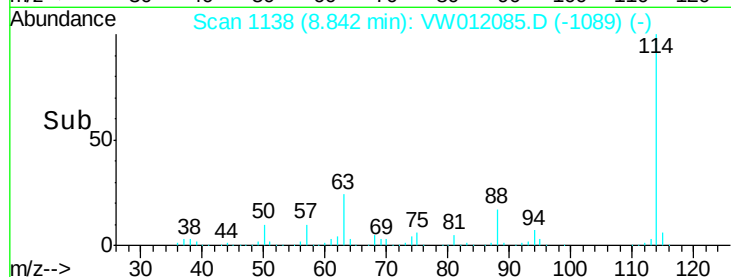
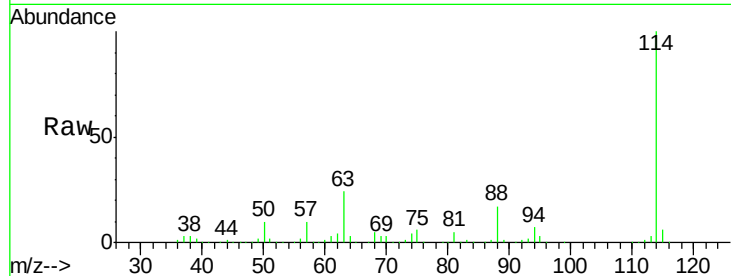




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

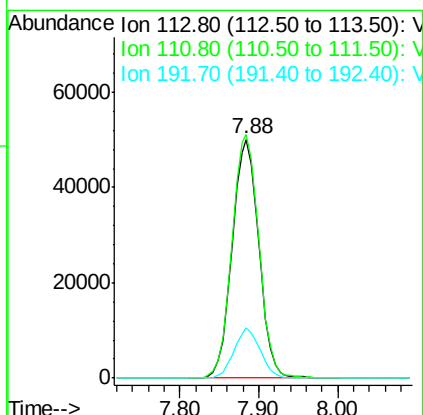
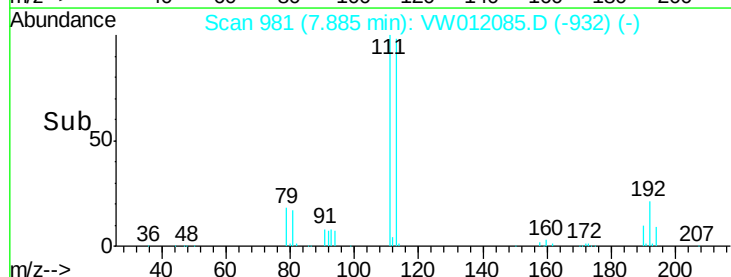
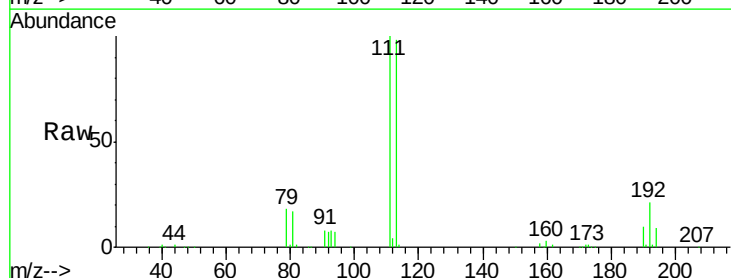
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(2.5)

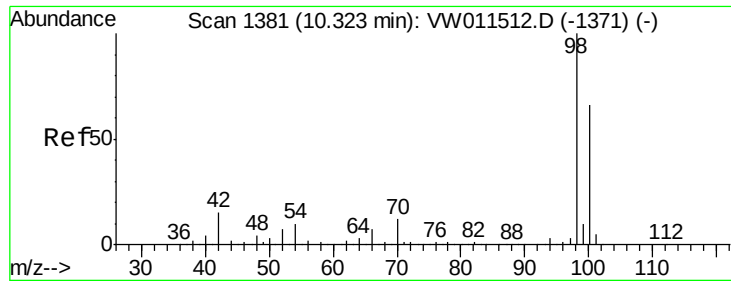
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	49.2
88	17.0	0.0	33.8



#35
 Dibromofluoromethane
 Concen: 53.926 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012085.D
 Acq: 21 Aug 2019 22:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.5	16.1	24.1

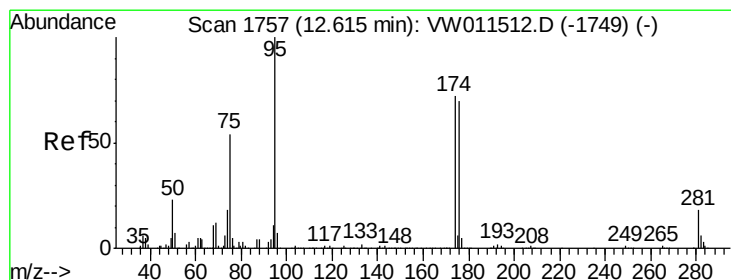
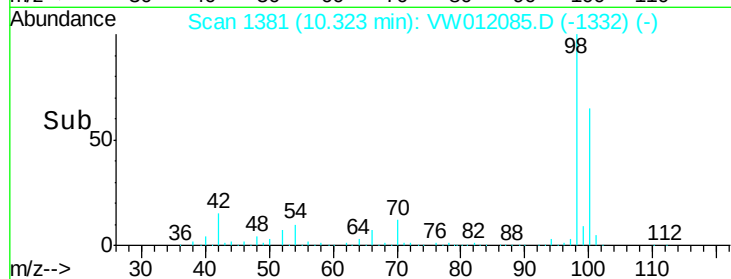
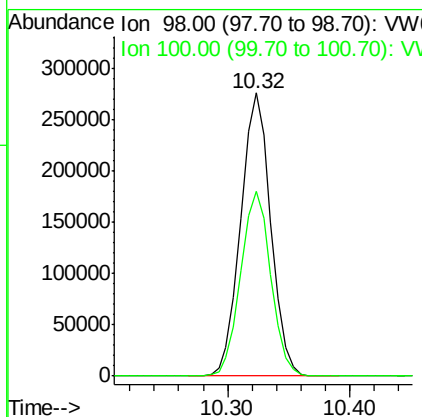
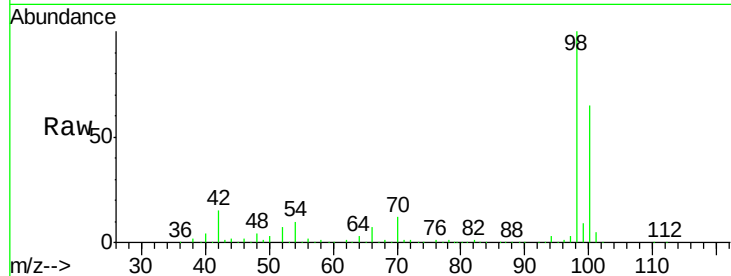




#50
Toluene-d8
Concen: 52.738 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

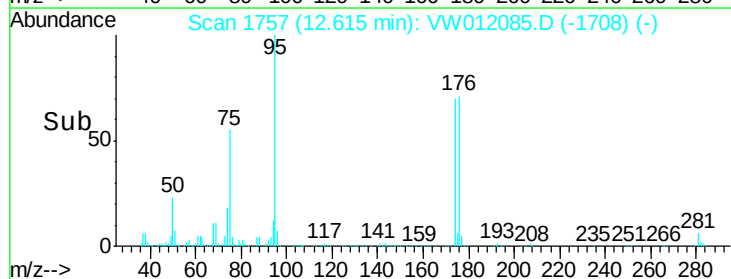
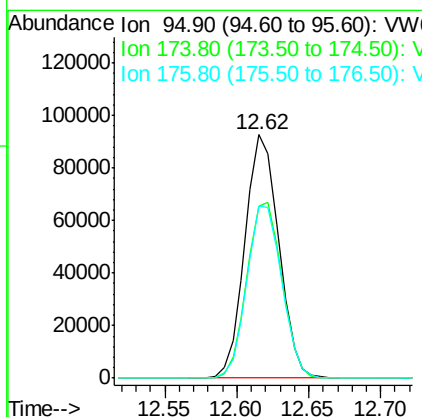
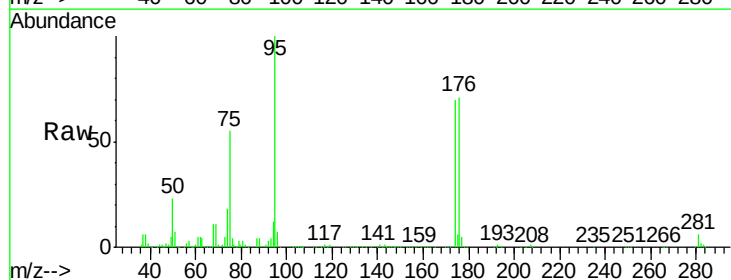
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

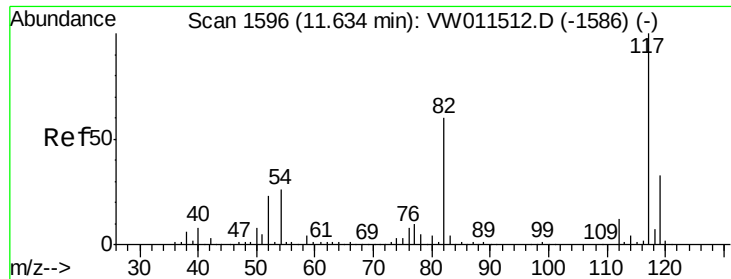
Tot Ion: 98 Resp: 470741
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.250 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion: 95 Resp: 150365
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 73.0 0.0 144.4

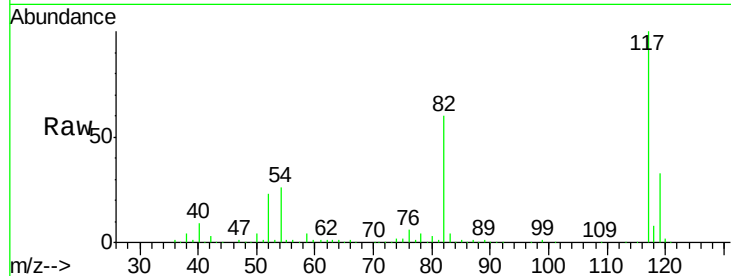




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012085.D
Acq: 21 Aug 2019 22:02

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.9	71.9
119	33.0	26.2	39.2

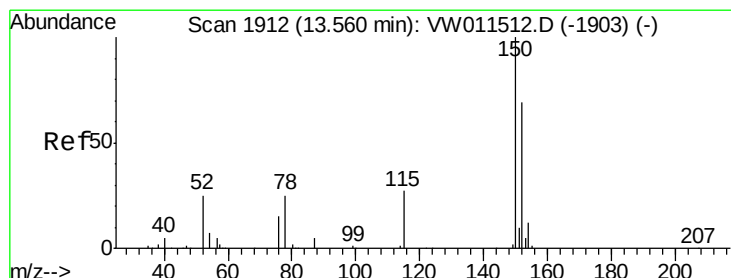
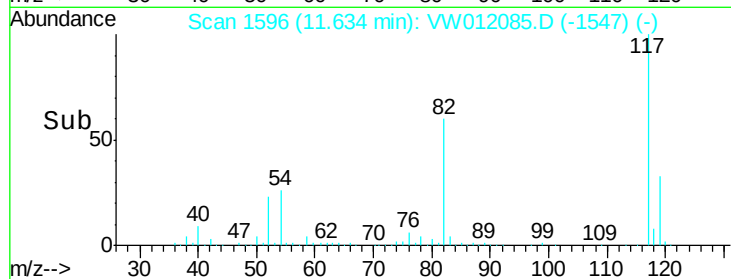
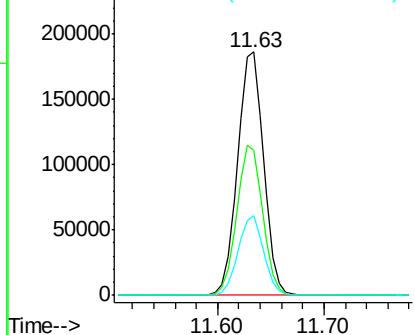


Abundance

Ion 116.90 (116.60 to 117.60): V

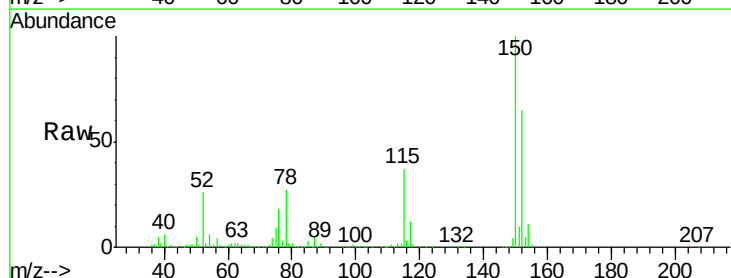
Ion 82.00 (81.70 to 82.70): V

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: VW012085.D
Acq: 21 Aug 2019 22:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.5	91.5
150	155.9	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

