

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012092.D
 Acq On : 22 Aug 2019 01:03
 Operator : SY/VA
 Sample : K4403-15
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-I(2.5)

Quant Time: Aug 22 07:15:22 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

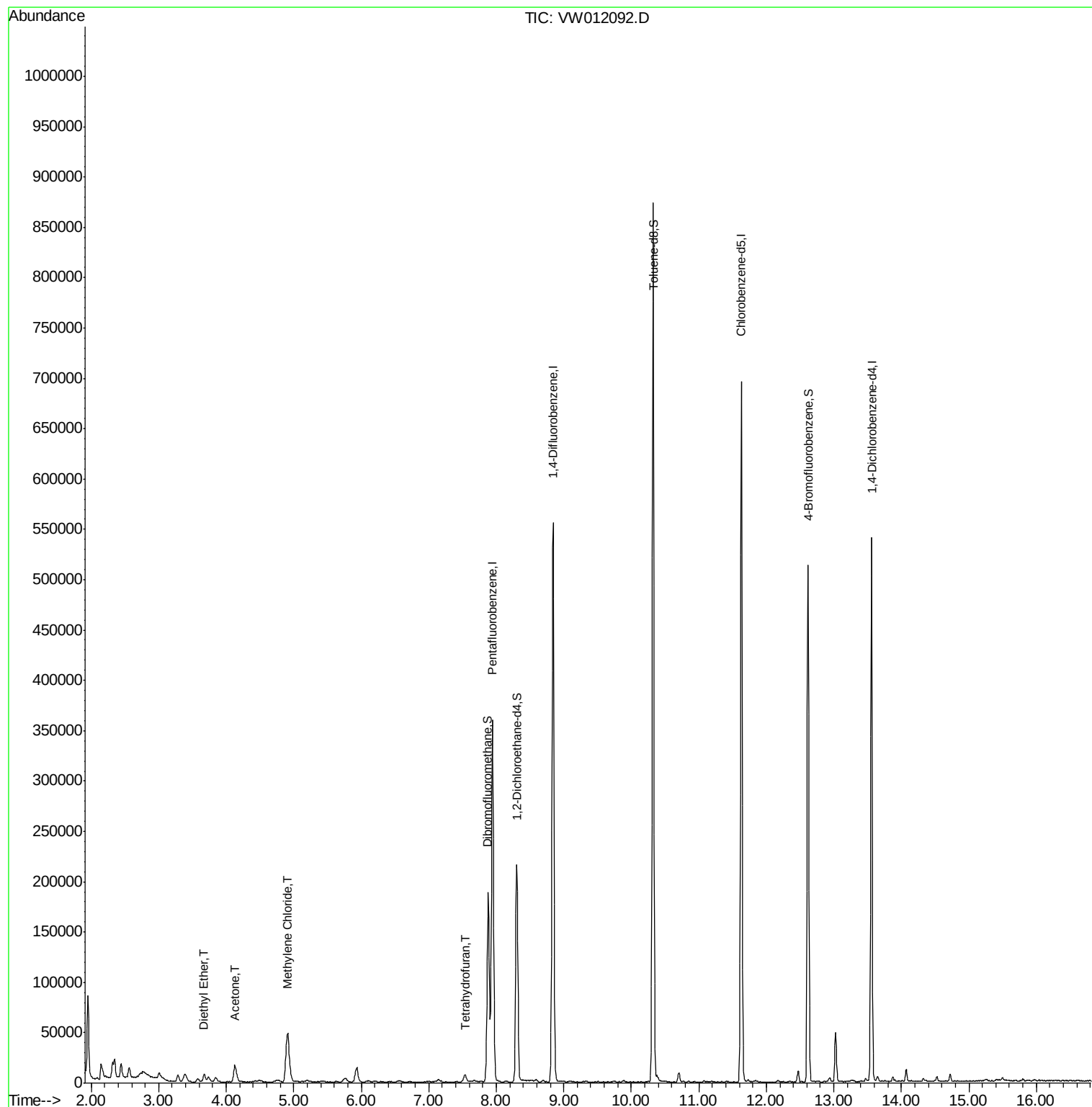
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	442096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	173356	57.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.08%	
35) Dibromofluoromethane	7.88	113	137311	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
50) Toluene-d8	10.32	98	547724	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.62	95	168482	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
8) Diethyl Ether	3.67	74	3953	2.533	ug/l	80
16) Acetone	4.13	43	31986	33.084	ug/l	98
20) Methylene Chloride	4.90	84	37711	11.310	ug/l	98
29) Tetrahydrofuran	7.54	42	6549	9.056	ug/l	98

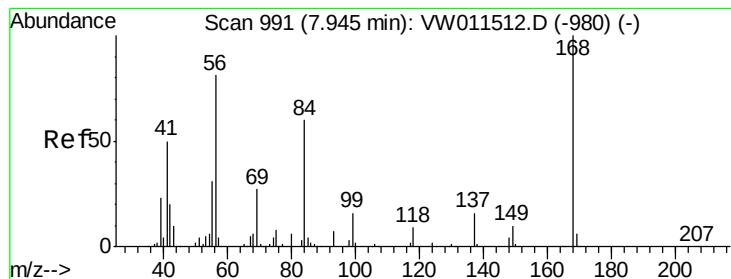
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
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T1-I-(2.5)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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: VW012092.D

Acq: 22 Aug 2019 01:03

Instrument :

MSVOA_W

ClientSampled :

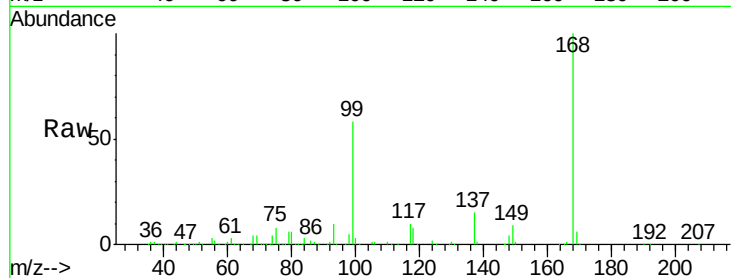
T1-I(2.5)

Tot Ion:168 Resp: 264686

Ion Ratio Lower Upper

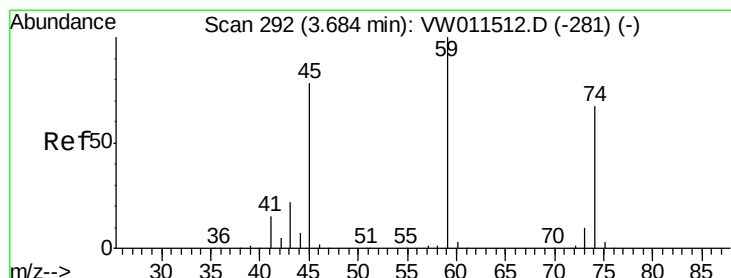
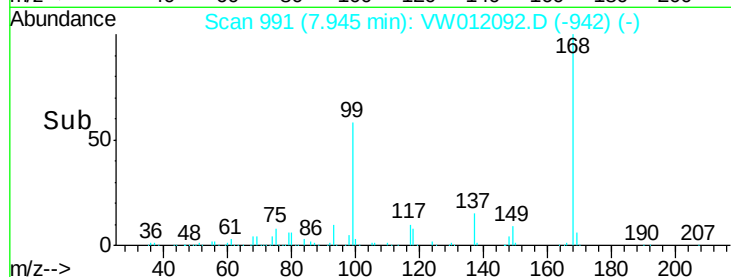
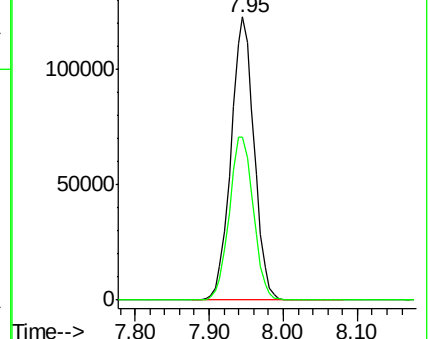
168 100

99 57.8 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: 2.533 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.02 min

Lab File: VW012092.D

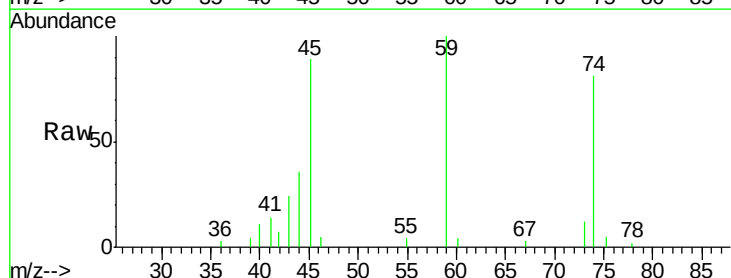
Acq: 22 Aug 2019 01:03

Tgt Ion: 74 Resp: 3953

Ion Ratio Lower Upper

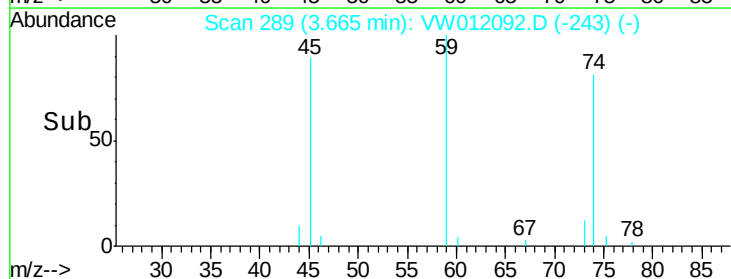
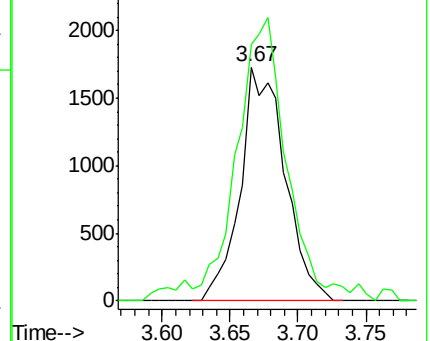
74 100

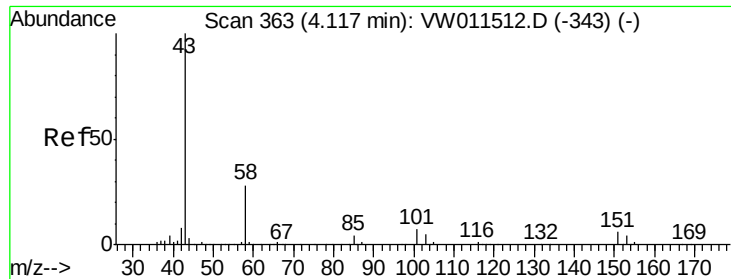
45 141.0 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 33.084 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012092.D

Acq: 22 Aug 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

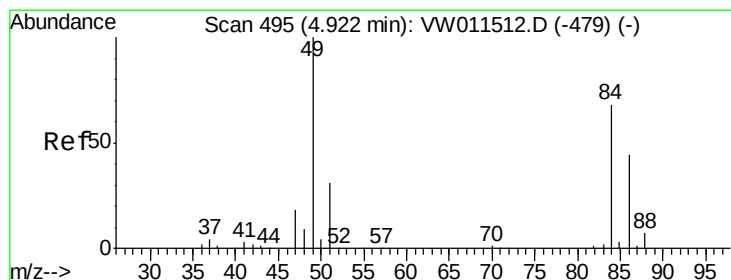
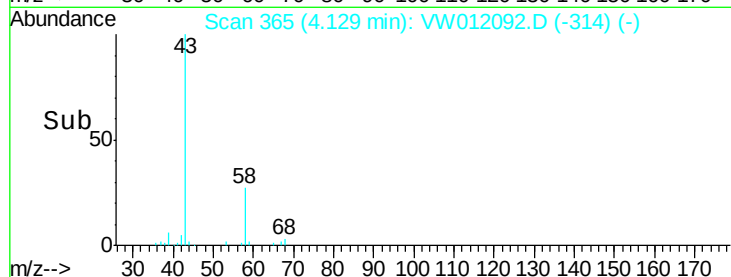
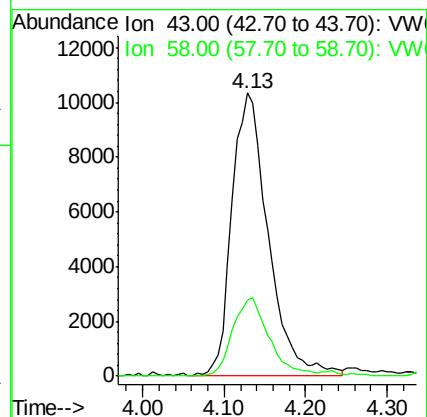
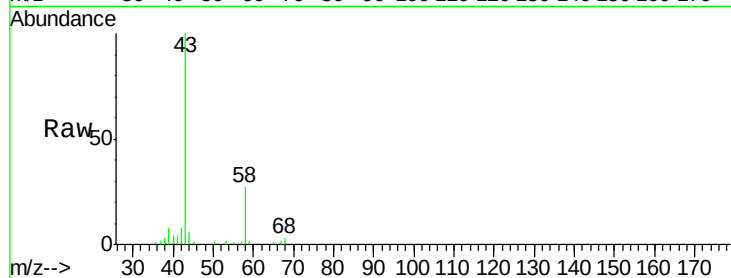
T1-I-(2.5)

Tot Ion: 43 Resp: 31986

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5



#20

Methylene Chloride

Concen: 11.310 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.02 min

Lab File: VW012092.D

Acq: 22 Aug 2019 01:03

Tgt Ion: 84 Resp: 37711

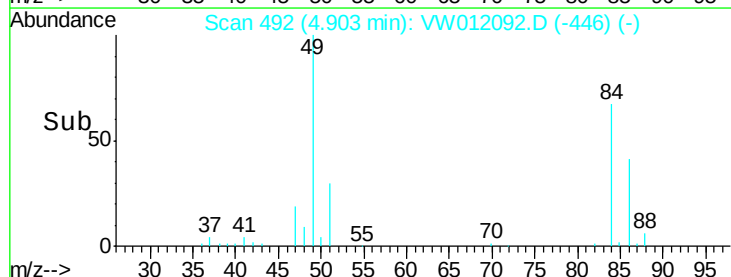
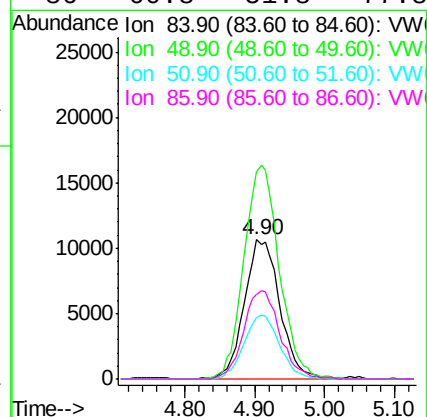
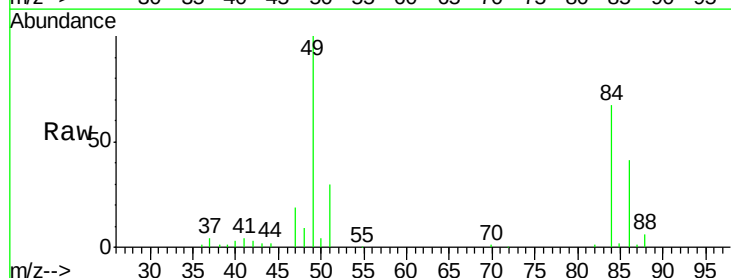
Ion Ratio Lower Upper

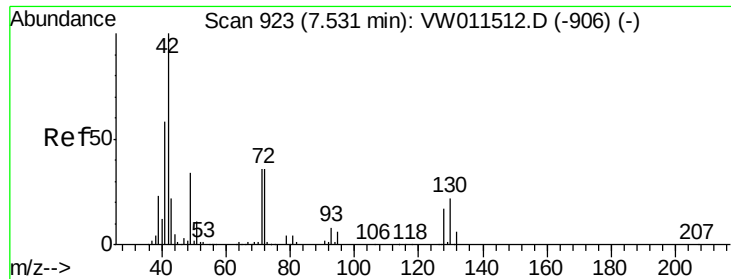
84 100

49 148.6 117.8 176.6

51 44.2 37.0 55.4

86 60.8 51.8 77.8

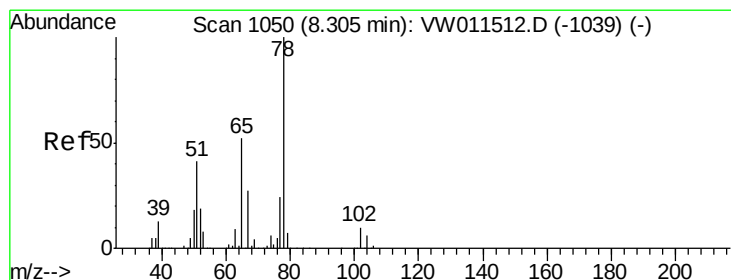
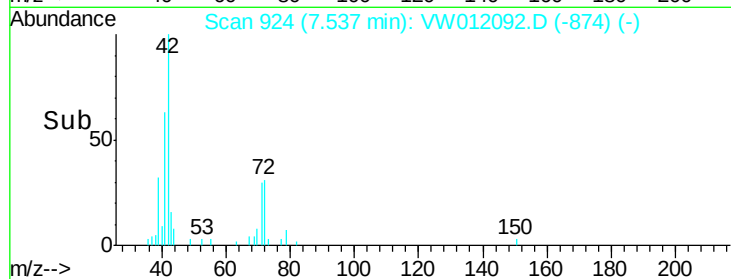
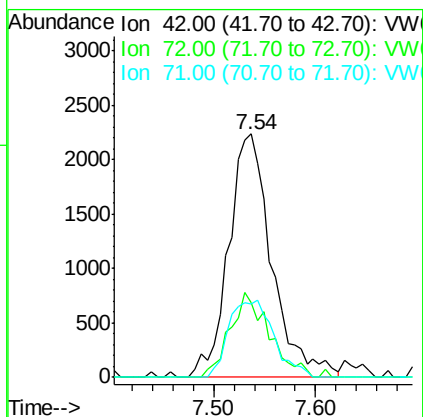
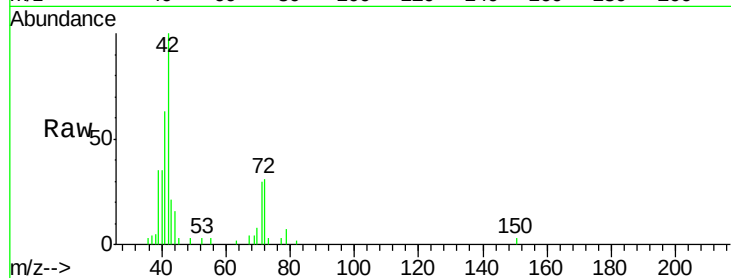




#29
Tetrahydrofuran
Concen: 9.056 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012092.D
Acq: 22 Aug 2019 01:03

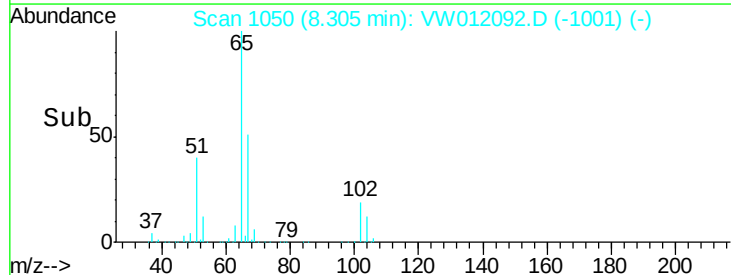
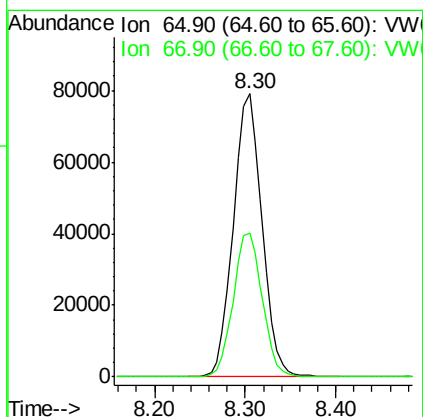
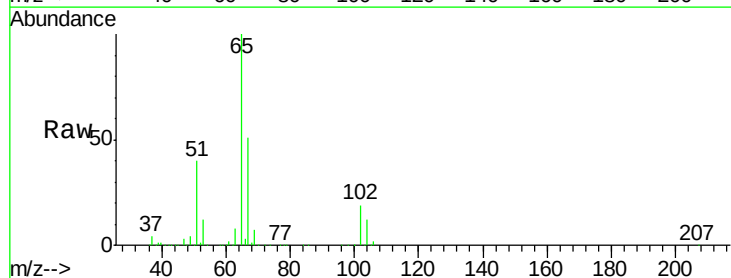
Instrument :
MSVOA_W
ClientSampled :
T1-I(2.5)

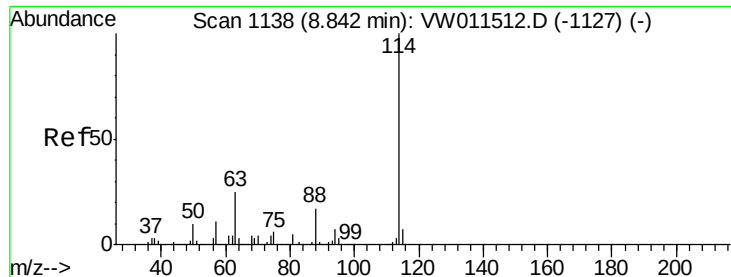
Tot Ion: 42 Resp: 6549
Ion Ratio Lower Upper
42 100
72 31.7 27.1 40.7
71 33.0 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 57.038 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012092.D
Acq: 22 Aug 2019 01:03

Tgt Ion: 65 Resp: 173356
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.2

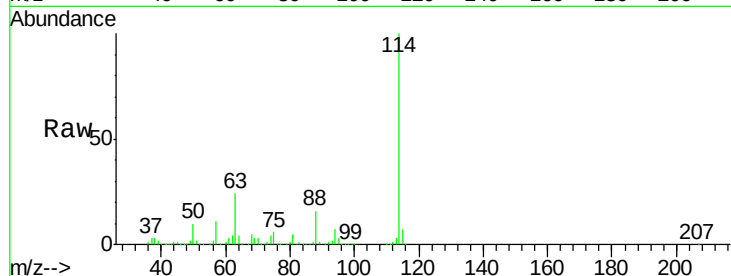




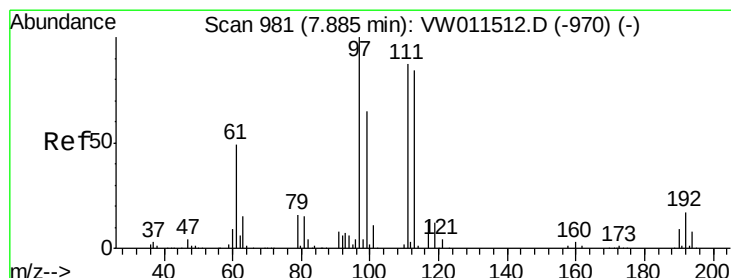
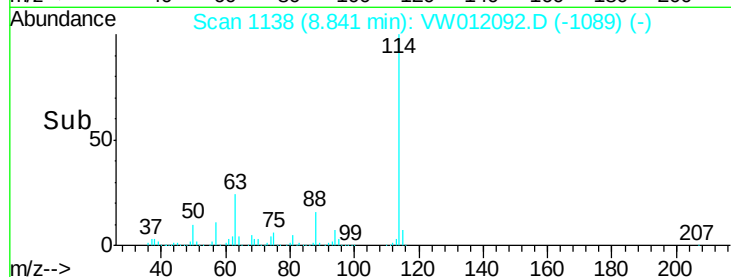
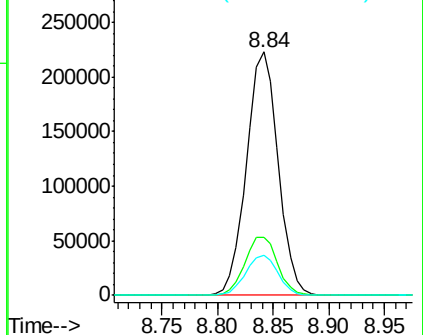
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012092.D
 Acq: 22 Aug 2019 01:03

Instrument :
 MSVOA_W
 ClientSampled :
 T1-I(2.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	16.4	0.0	33.8

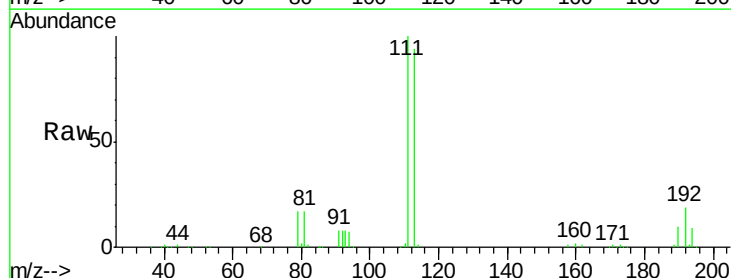


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

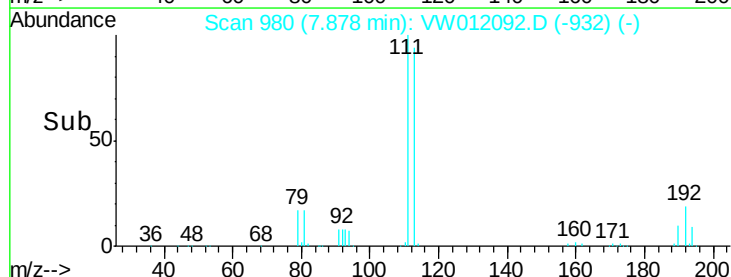
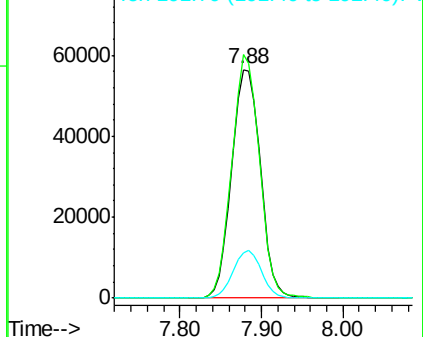


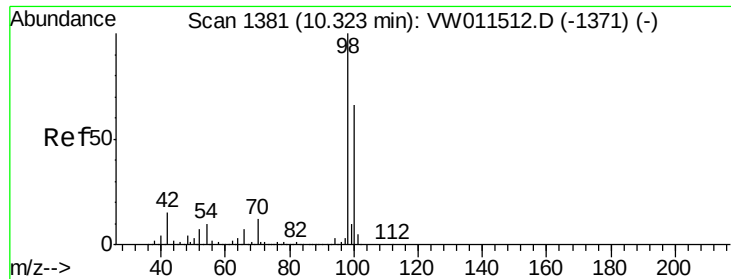
#35
 Dibromofluoromethane
 Concen: 55.362 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012092.D
 Acq: 22 Aug 2019 01:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	20.3	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: 53.937 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012092.D

Acq: 22 Aug 2019 01:03

Instrument :

MSVOA_W

ClientSampleId :

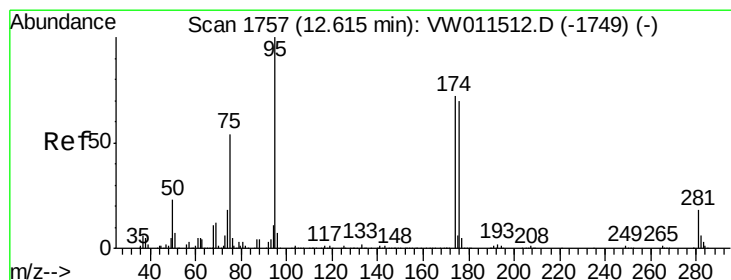
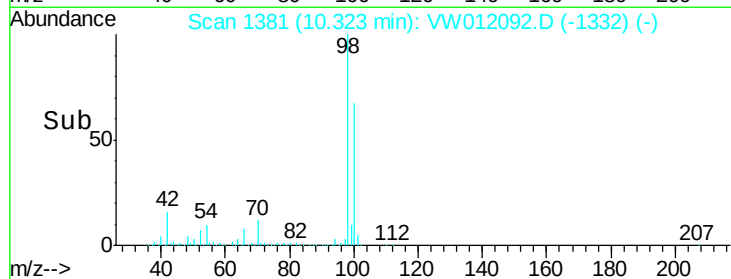
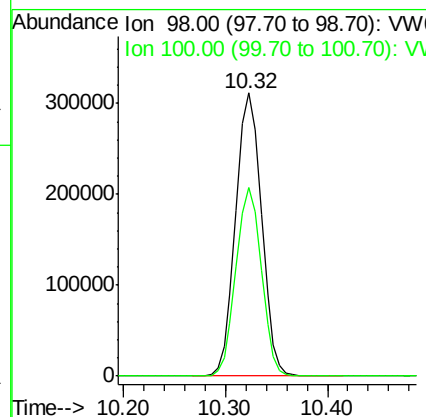
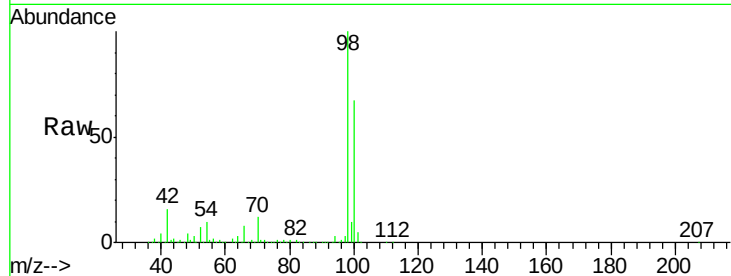
T1-I-(2.5)

Tot Ion: 98 Resp: 547724

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.537 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012092.D

Acq: 22 Aug 2019 01:03

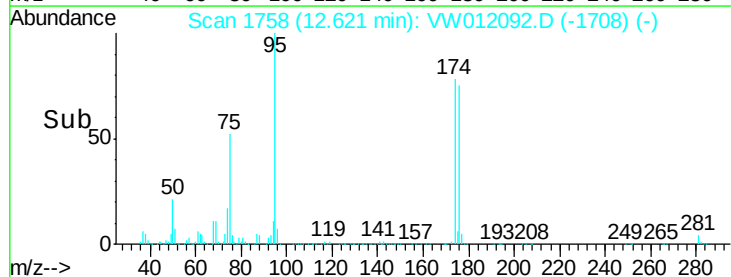
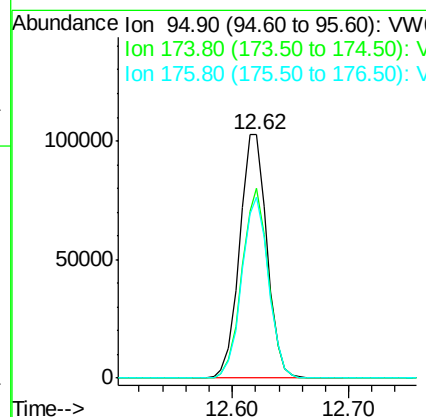
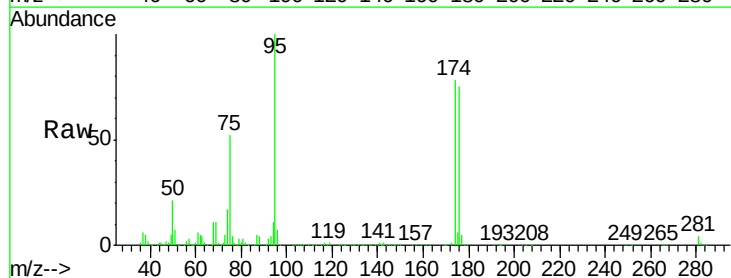
Tgt Ion: 95 Resp: 168482

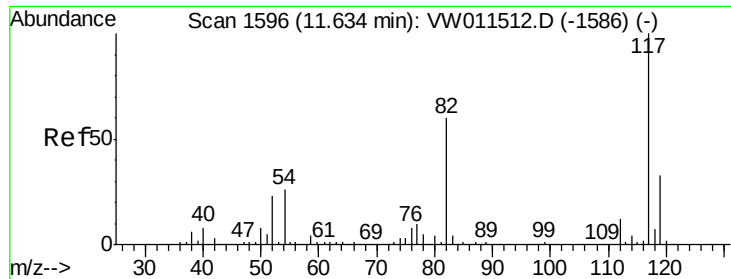
Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

176 72.6 0.0 144.4

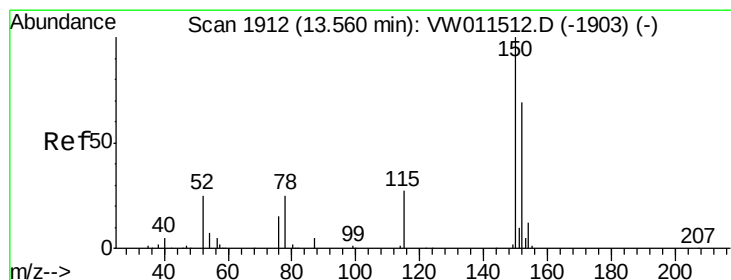
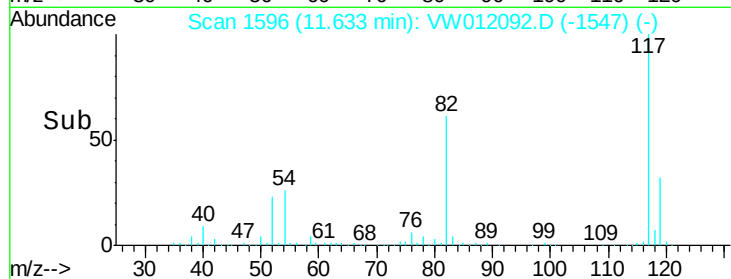
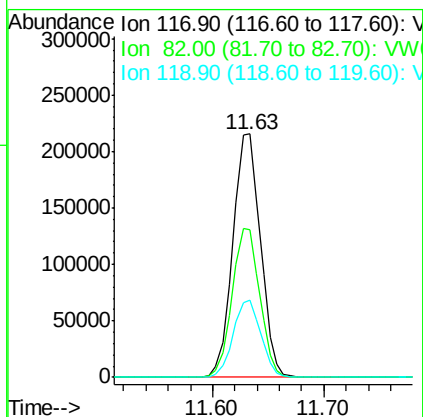
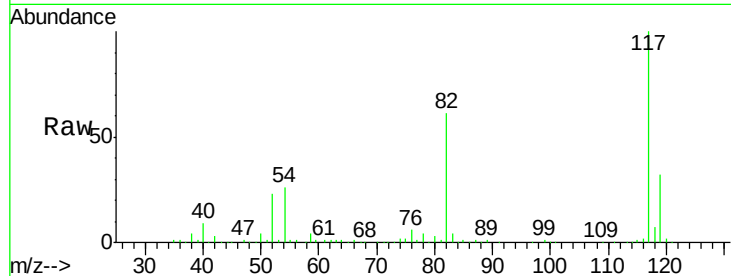




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012092.D
Acq: 22 Aug 2019 01:03

Instrument :
MSVOA_W
ClientSampleId :
T1-I(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.9	71.9
119	31.8	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: VW012092.D
Acq: 22 Aug 2019 01:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.5	91.5
150	155.3	0.0	352.6

