

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012015.D
 Acq On : 20 Aug 2019 02:30
 Operator : SY/VA
 Sample : K4096-04
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-081919

Quant Time: Aug 20 06:59:04 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

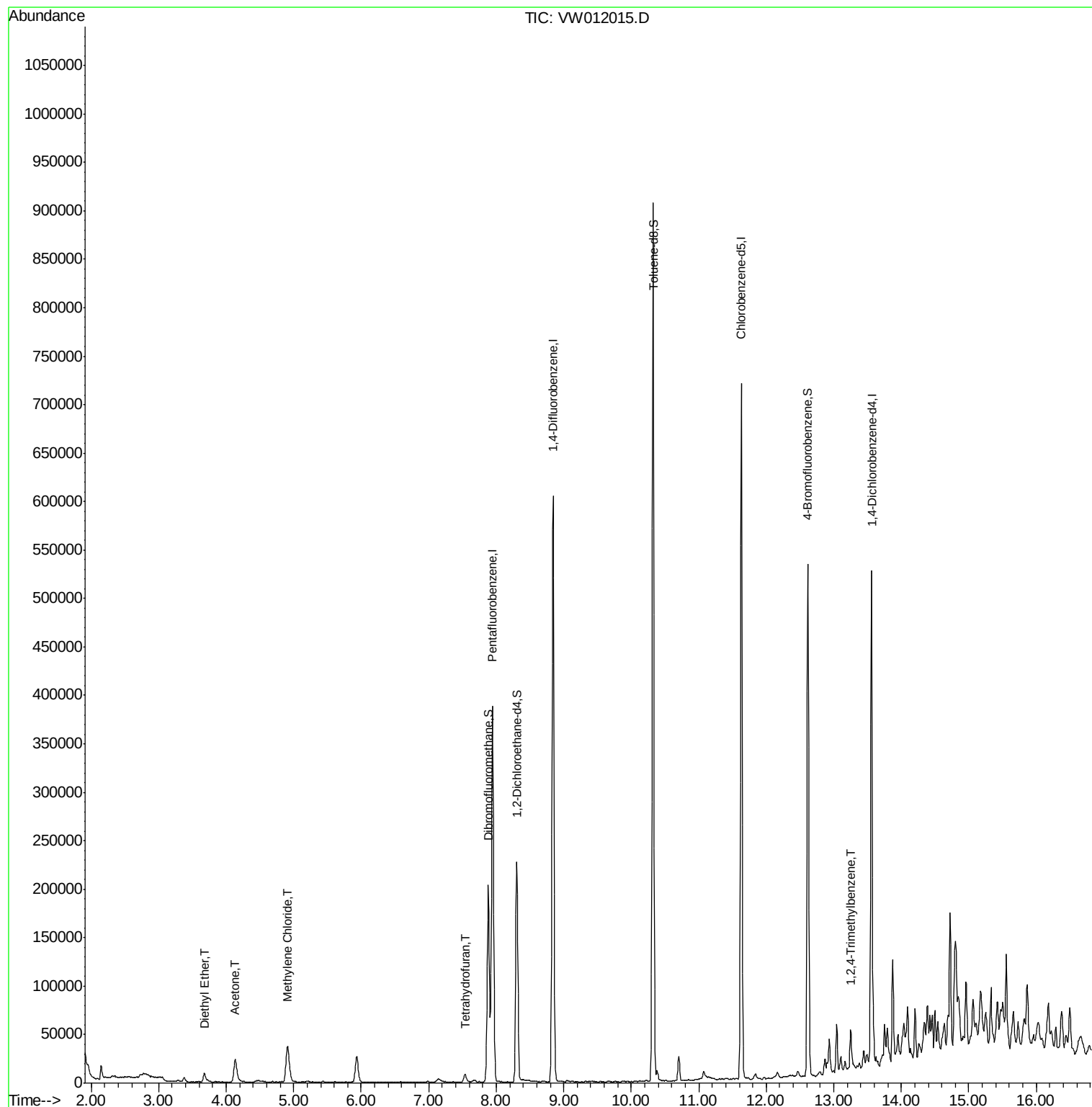
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	181011	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
35) Dibromofluoromethane	7.88	113	145748	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	578494	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	167620	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
Target Compounds						
8) Diethyl Ether	3.68	74	4557	2.690	ug/l	91
16) Acetone	4.14	43	49749	47.393	ug/l	99
20) Methylene Chloride	4.91	84	28006	7.736	ug/l	99
29) Tetrahydrofuran	7.54	42	8183	10.422	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	22779	2.843	ug/l	98

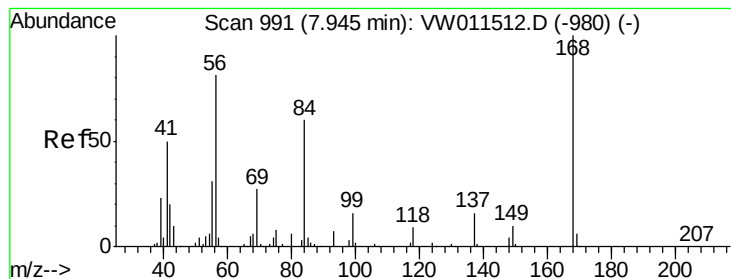
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
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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: VW012015.D

Acq: 20 Aug 2019 02:30

Instrument :

MSVOA_W

ClientSampleId :

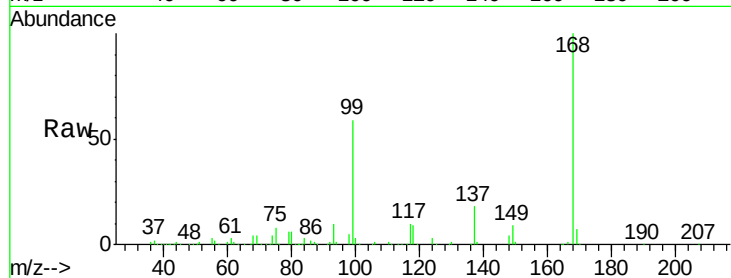
TR-05-081919

Tot Ion:168 Resp: 287386

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

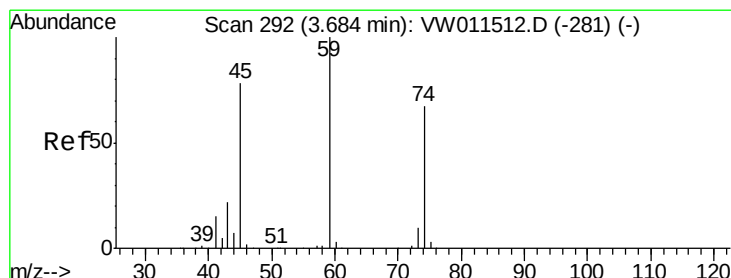
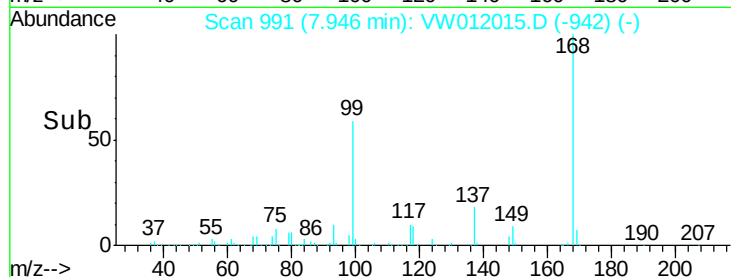
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.690 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012015.D

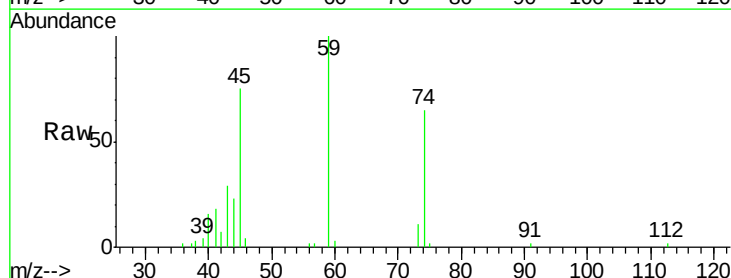
Acq: 20 Aug 2019 02:30

Tgt Ion: 74 Resp: 4557

Ion Ratio Lower Upper

74 100

45 129.0 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

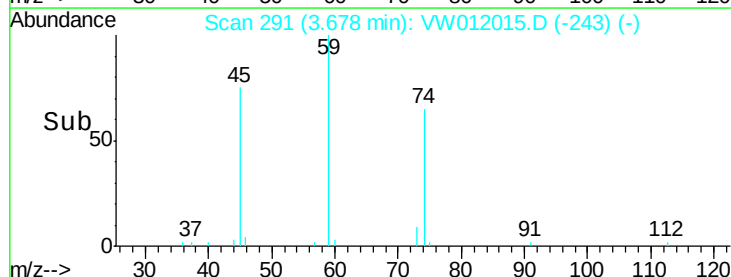
1500

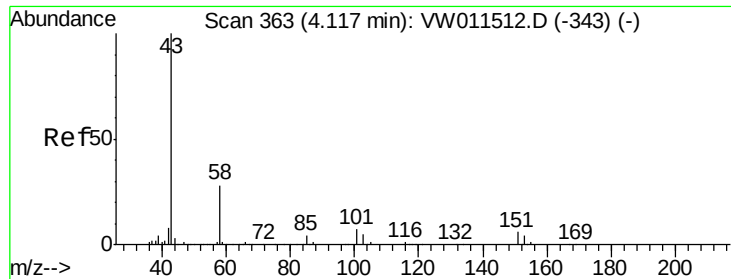
1000

500

0

Time-->

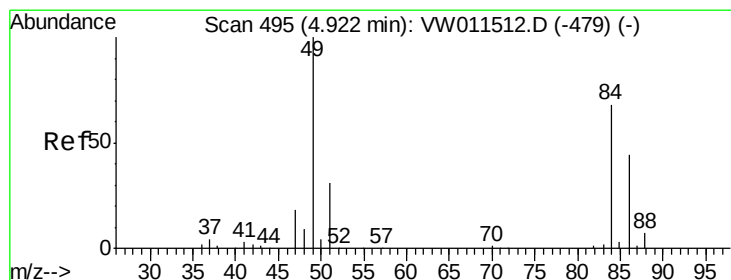
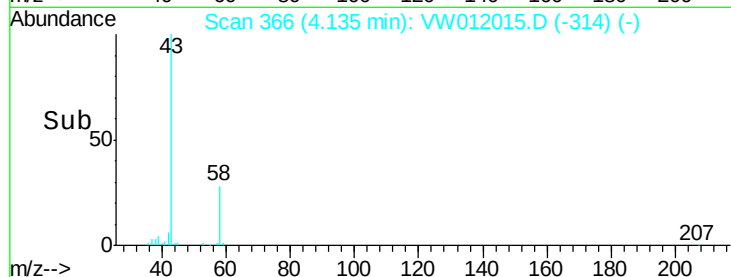
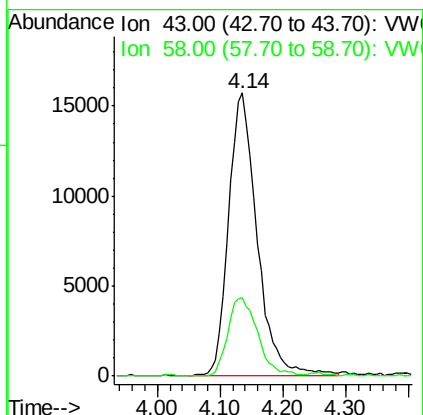
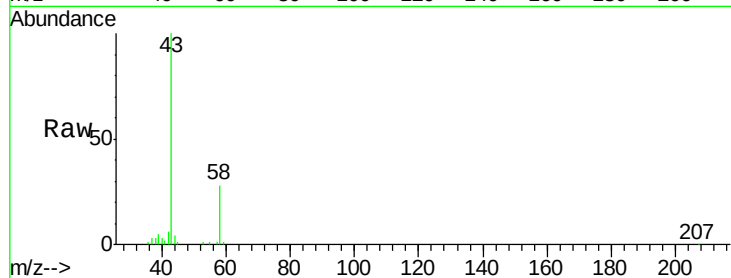




#16
Acetone
Concen: 47.393 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

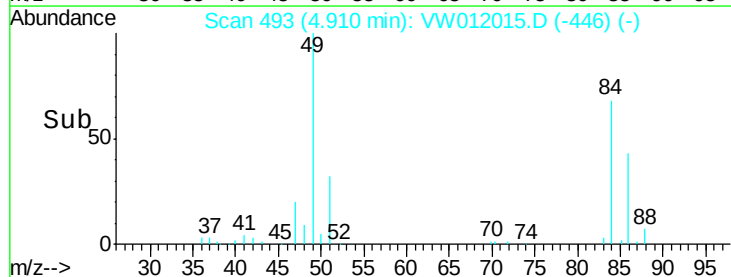
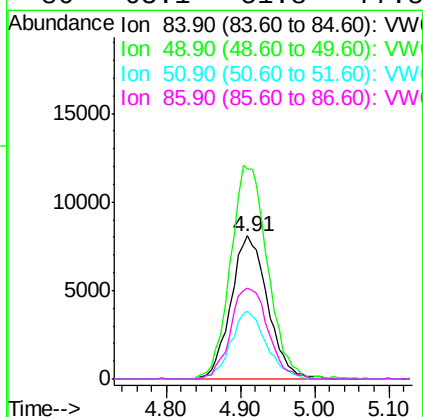
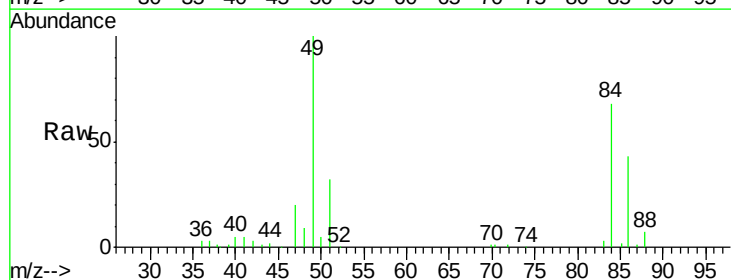
Instrument :
MSVOA_W
ClientSampleId :
TR-05-081919

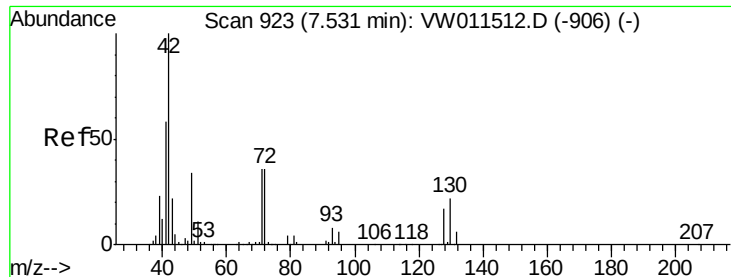
Tot Ion: 43 Resp: 49749
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#20
Methylene Chloride
Concen: 7.736 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

Tgt Ion: 84 Resp: 28006
Ion Ratio Lower Upper
84 100
49 146.4 117.8 176.6
51 47.2 37.0 55.4
86 63.1 51.8 77.8

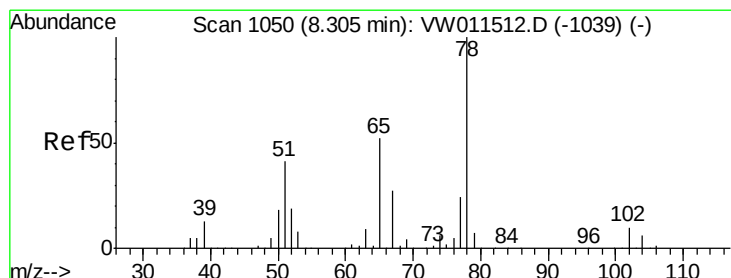
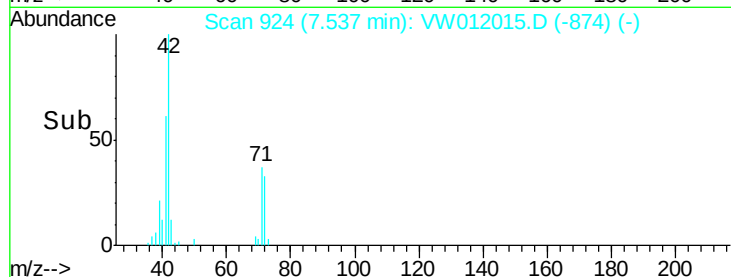
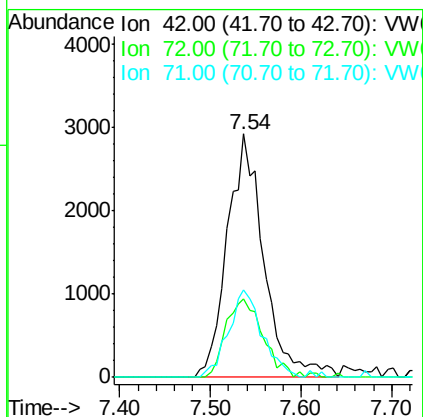
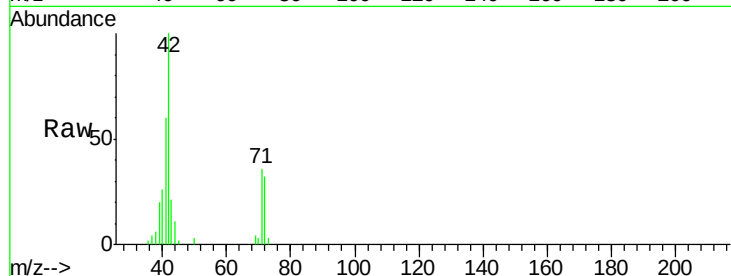




#29
Tetrahydrofuran
Concen: 10.422 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

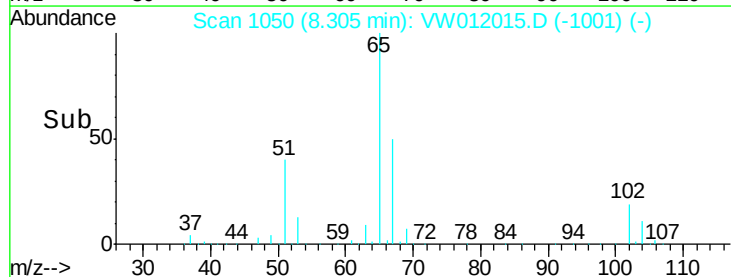
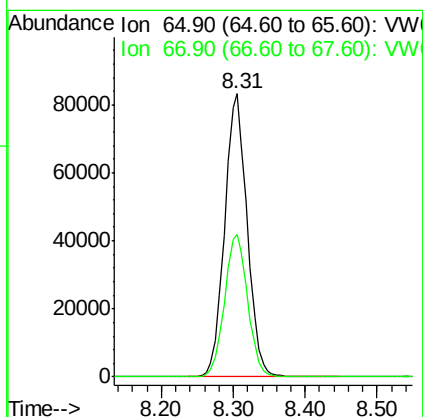
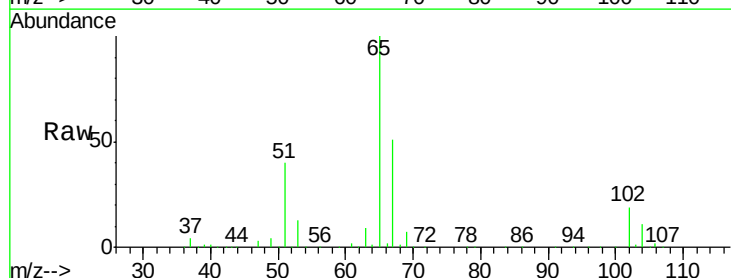
Instrument :
MSVOA_W
ClientSampleId :
TR-05-081919

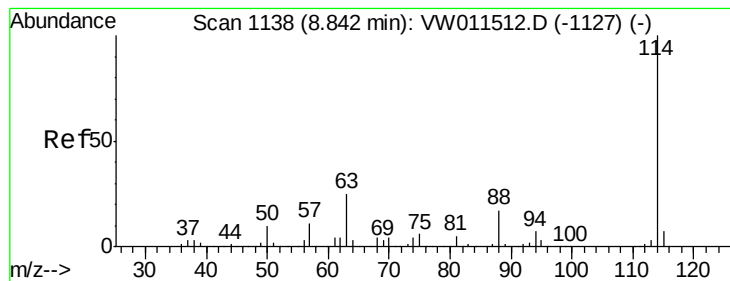
Tot Ion: 42 Resp: 8183
Ion Ratio Lower Upper
42 100
72 32.6 27.1 40.7
71 33.2 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.852 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

Tgt Ion: 65 Resp: 181011
Ion Ratio Lower Upper
65 100
67 51.5 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: VW012015.D

Acq: 20 Aug 2019 02:30

Instrument :

MSVOA_W

ClientSampleId :

TR-05-081919

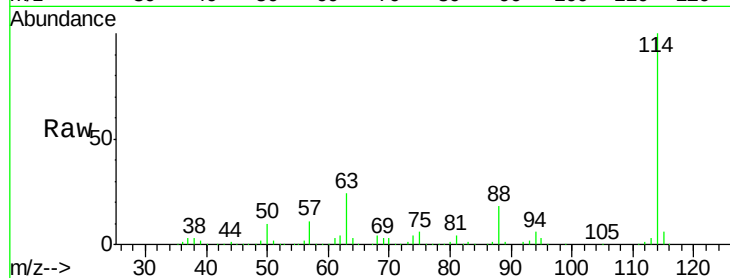
Tot Ion:114 Resp: 483732

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

88 17.5 0.0 33.8



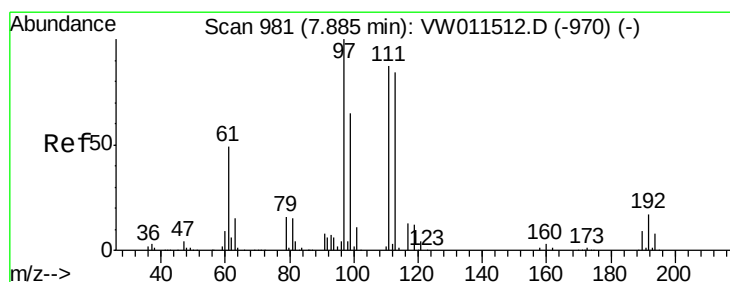
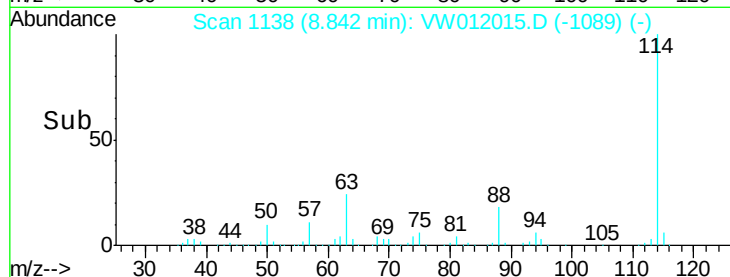
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->



#35

Dibromofluoromethane

Concen: 53.706 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012015.D

Acq: 20 Aug 2019 02:30

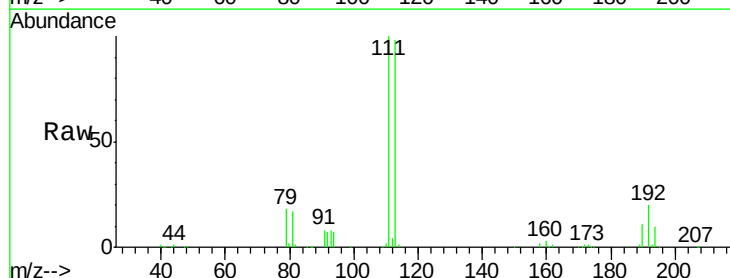
Tgt Ion:113 Resp: 145748

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 20.0 16.1 24.1



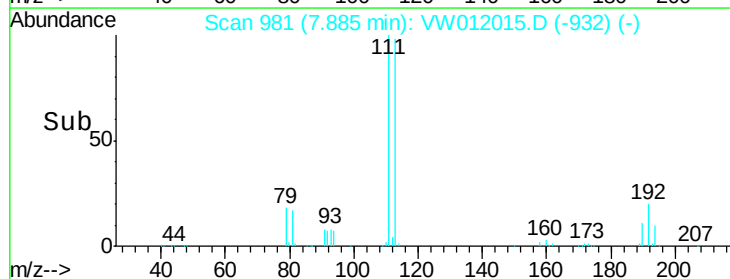
Abundance Ion 112.80 (112.50 to 113.50): V

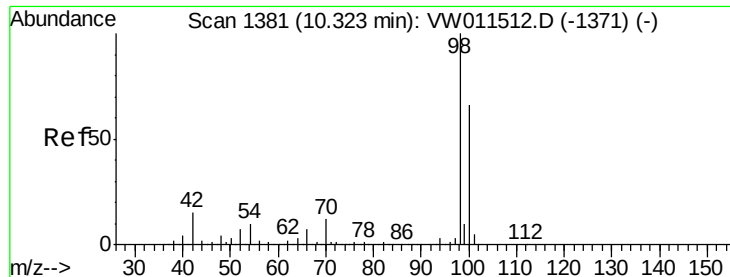
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time-->





#50

Toluene-d8

Concen: 52.064 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012015.D

Acq: 20 Aug 2019 02:30

Instrument :

MSVOA_W

ClientSampleId :

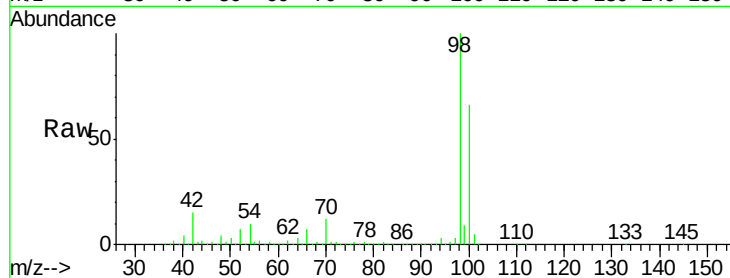
TR-05-081919

Tot Ion: 98 Resp: 578494

Ion Ratio Lower Upper

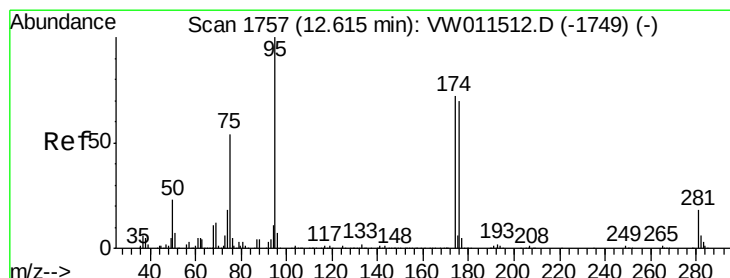
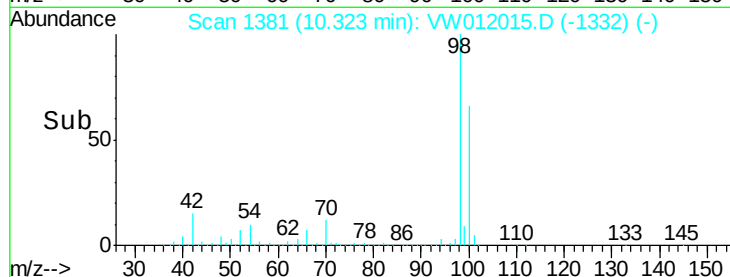
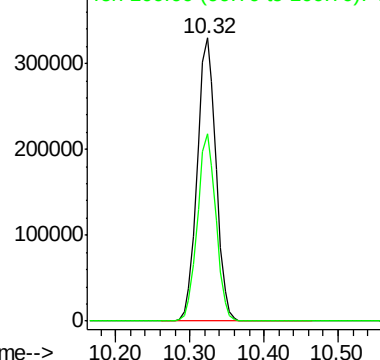
98 100

100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.314 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012015.D

Acq: 20 Aug 2019 02:30

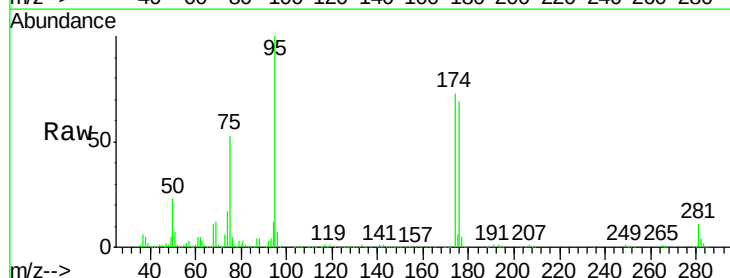
Tgt Ion: 95 Resp: 167620

Ion Ratio Lower Upper

95 100

174 75.8 0.0 150.2

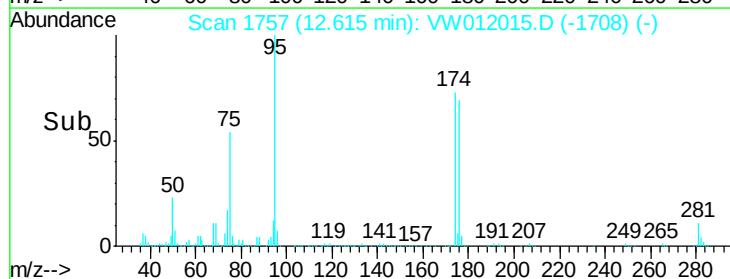
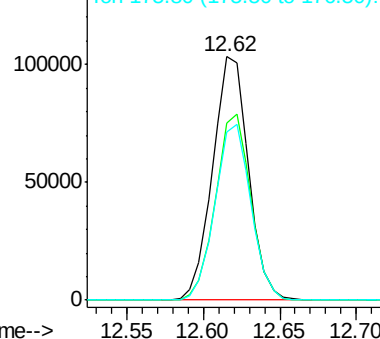
176 72.7 0.0 144.4

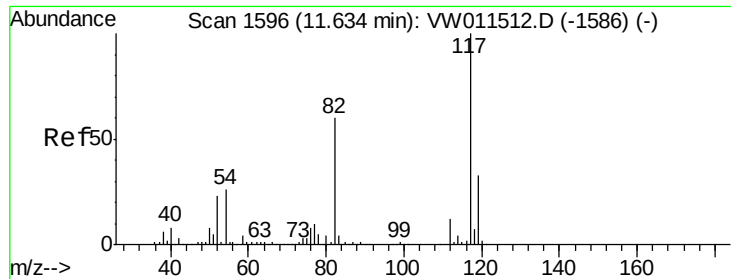


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

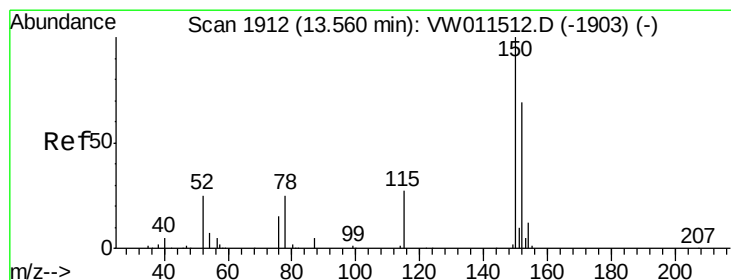
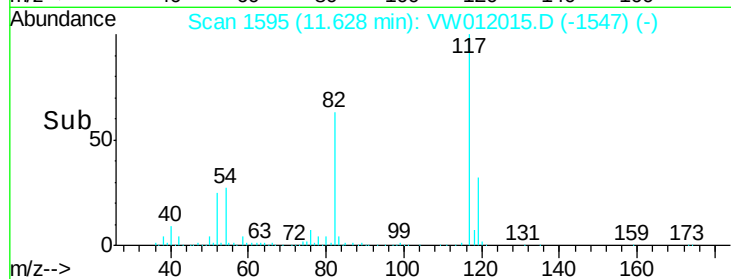
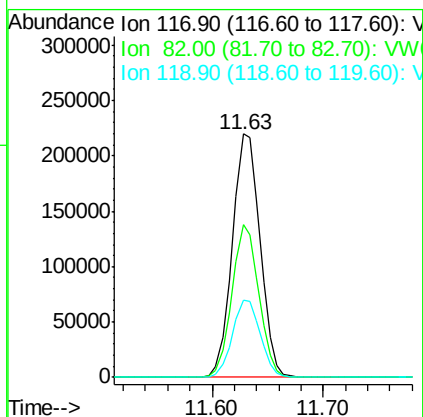
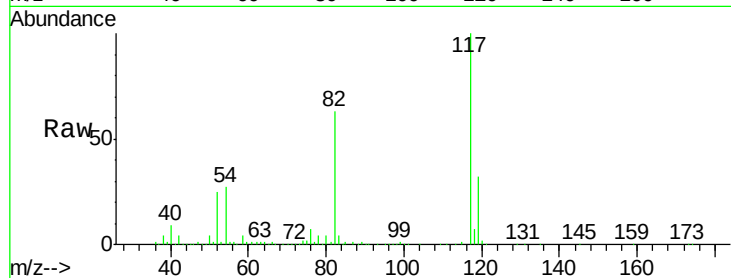




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

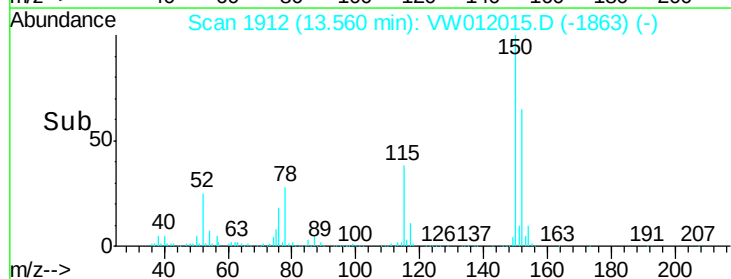
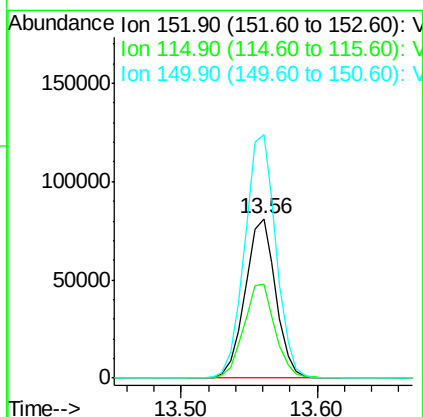
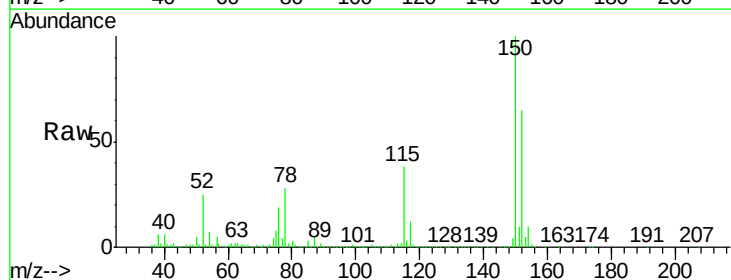
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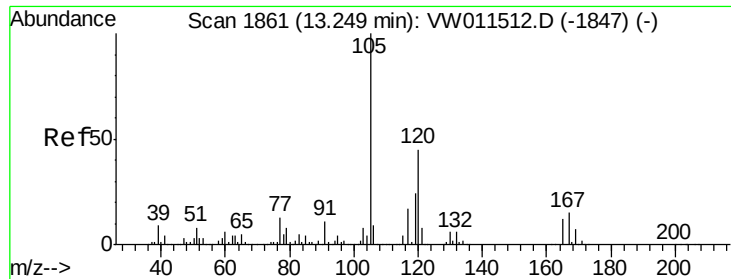
Tot Ion	Ratio	Lower	Upper
117	100		
82	62.7	47.9	71.9
119	31.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012015.D
Acq: 20 Aug 2019 02:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	156.7	0.0	352.6





#84
 1,2,4-Trimethylbenzene
 Concen: 2.843 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW012015.D
 Acq: 20 Aug 2019 02:30

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-05-081919

Tot Ion:105 Resp: 22779
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.1 66.5

