

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012022.D
 Acq On : 20 Aug 2019 11:09
 Operator : SY/VA
 Sample : K4409-01
 Misc : 5.62G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S300-J-1.5-2.0-081919

Quant Time: Aug 20 12:54:21 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

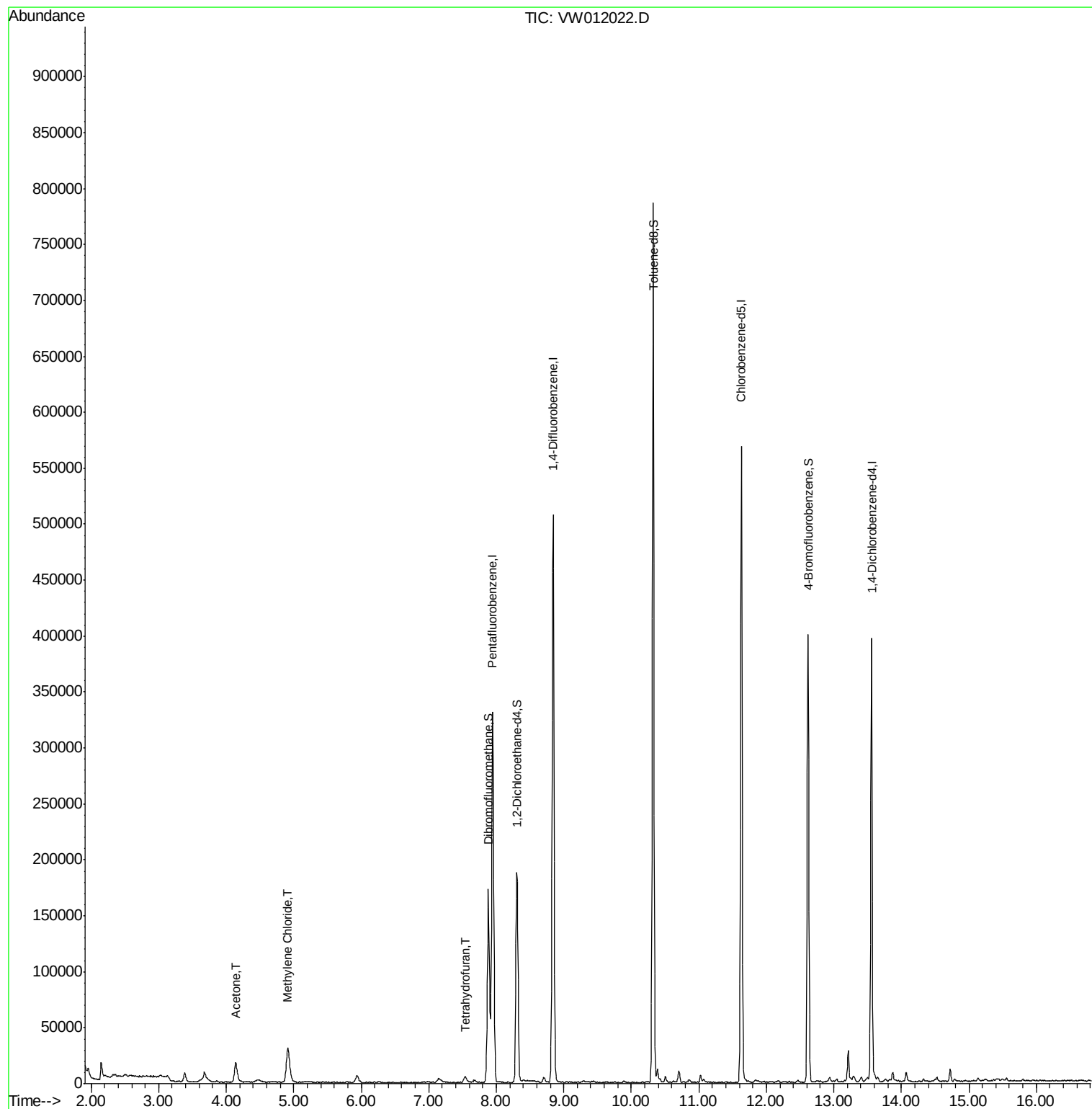
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	246773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148064	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
35) Dibromofluoromethane	7.88	113	122584	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.32	98	484540	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	131438	39.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.72%	
Target Compounds						
16) Acetone	4.14	43	35591	39.485	ug/l	97
20) Methylene Chloride	4.91	84	23730	7.634	ug/l	96
29) Tetrahydrofuran	7.54	42	5151	7.640	ug/l	98

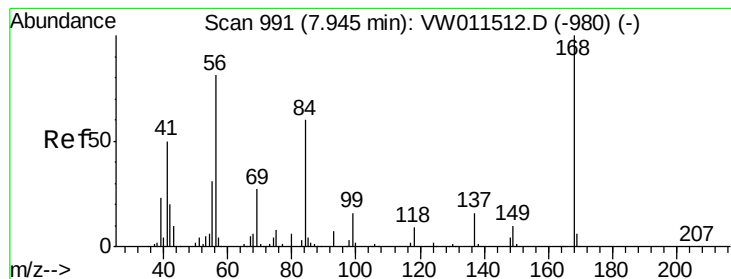
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082019\
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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: VW012022.D

Acq: 20 Aug 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

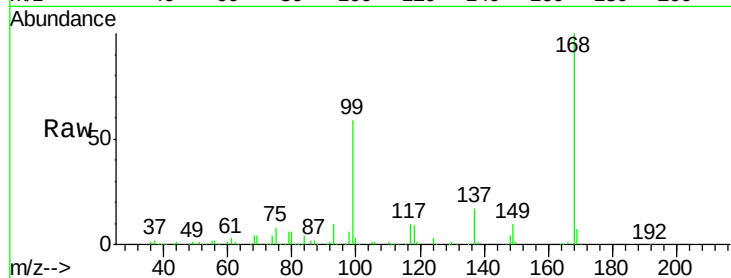
S300-J-1.5-2.0-081919

Tot Ion:168 Resp: 246773

Ion Ratio Lower Upper

168 100

99 58.9 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

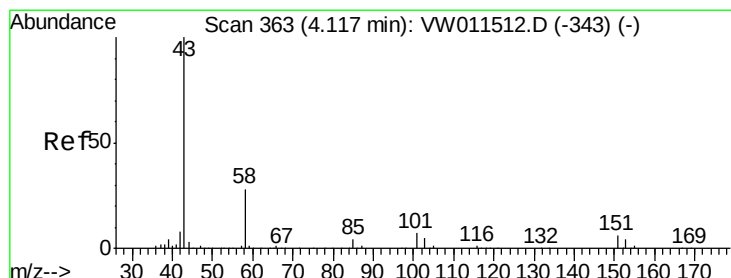
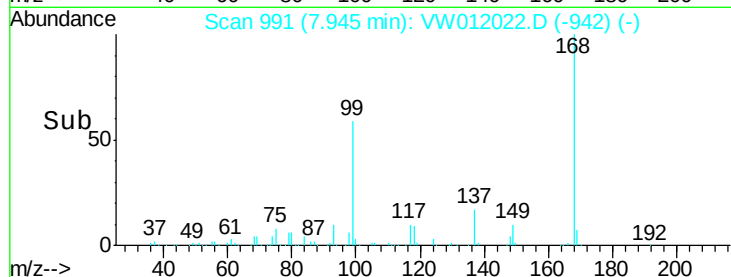
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 39.485 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012022.D

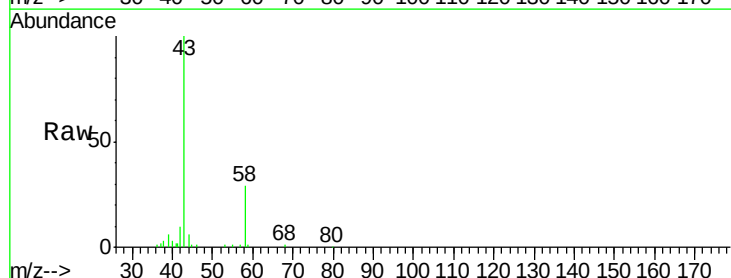
Acq: 20 Aug 2019 11:09

Tgt Ion: 43 Resp: 35591

Ion Ratio Lower Upper

43 100

58 29.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

12000

10000

8000

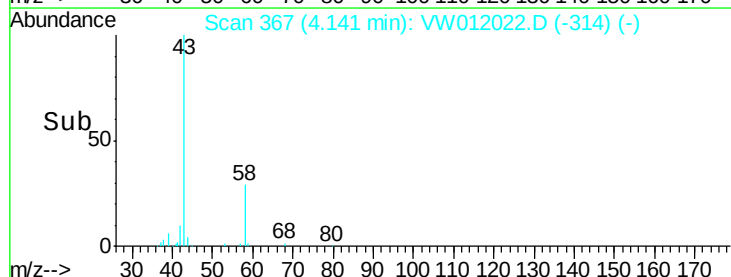
6000

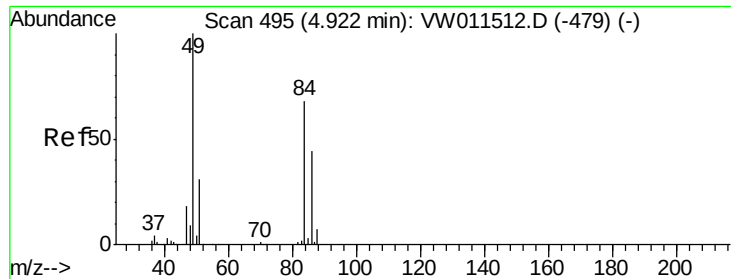
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

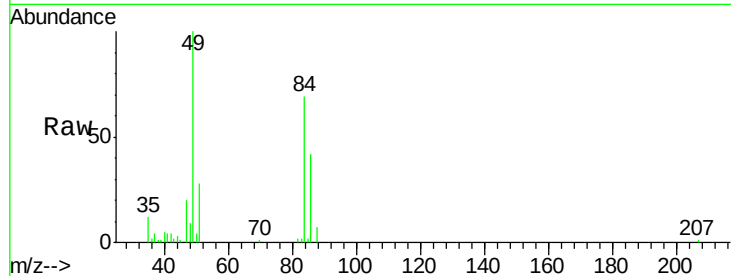




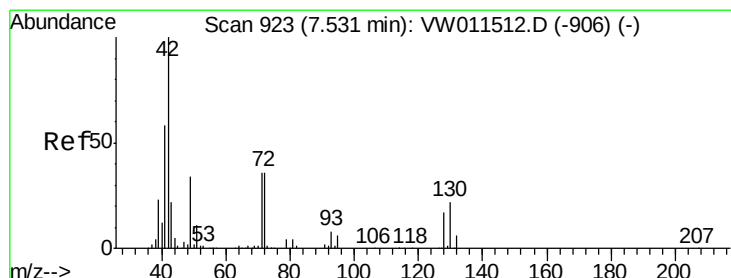
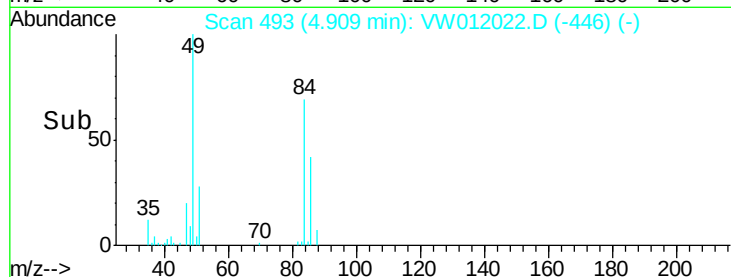
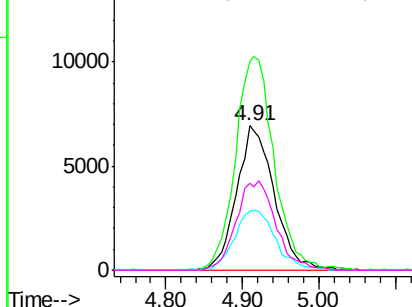
#20
Methylene Chloride
Concen: 7.634 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012022.D
Acq: 20 Aug 2019 11:09

Instrument :
MSVOA_W
ClientSampleId :
S300-J-1.5-2.0-081919

Tot Ion:	84	Resp:	23730
Ion	Ratio	Lower	Upper
84	100		
49	144.6	117.8	176.6
51	39.8	37.0	55.4
86	60.0	51.8	77.8

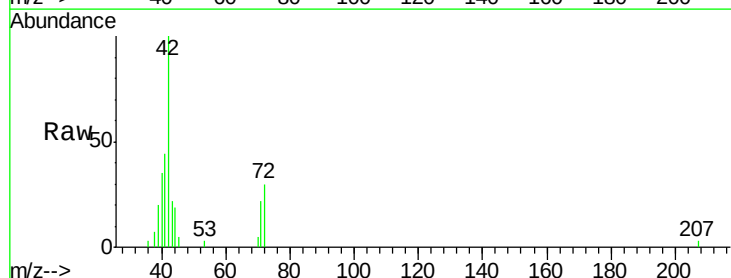


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

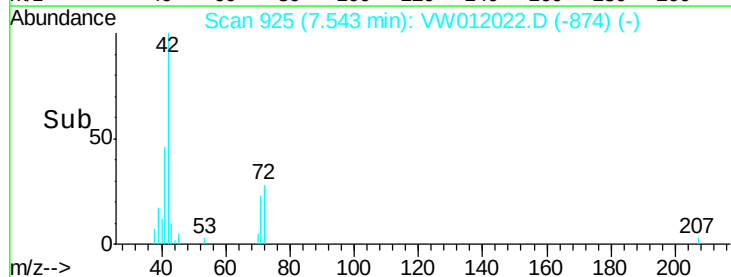
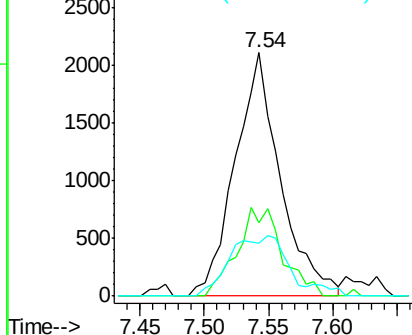


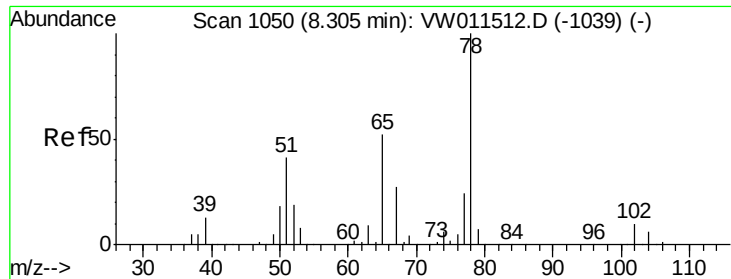
#29
Tetrahydrofuran
Concen: 7.640 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012022.D
Acq: 20 Aug 2019 11:09

Tgt Ion:	42	Resp:	5151
Ion	Ratio	Lower	Upper
42	100		
72	36.1	27.1	40.7
71	32.7	26.2	39.4



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

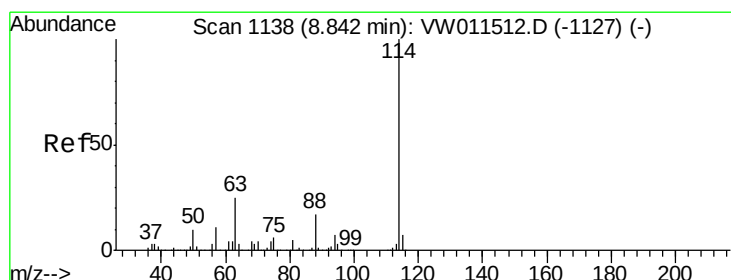
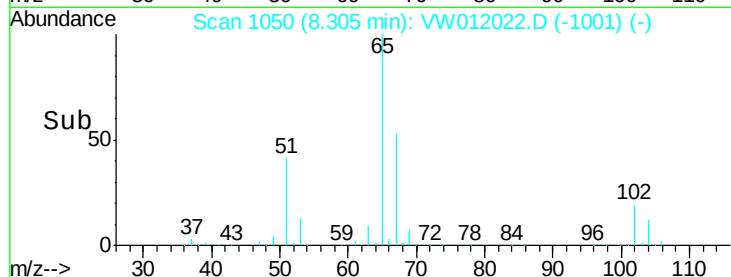
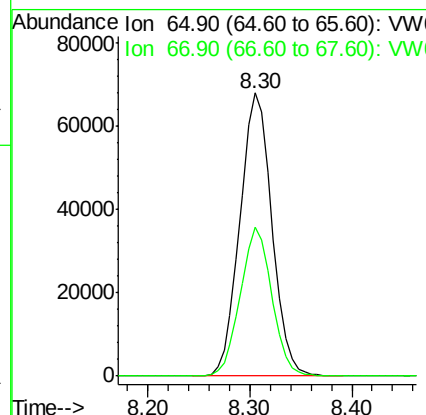
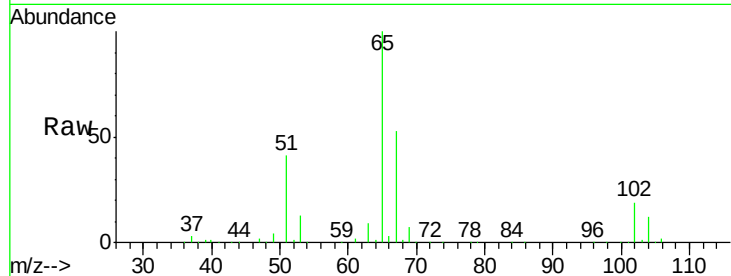




#33
 1,2-Dichloroethane-d4
 Concen: 52.252 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012022.D
 Acq: 20 Aug 2019 11:09

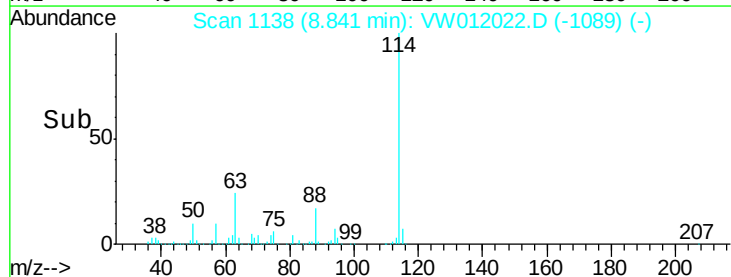
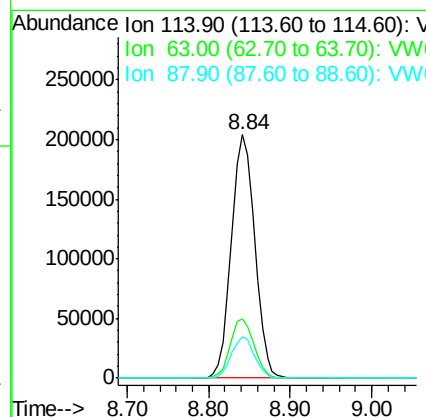
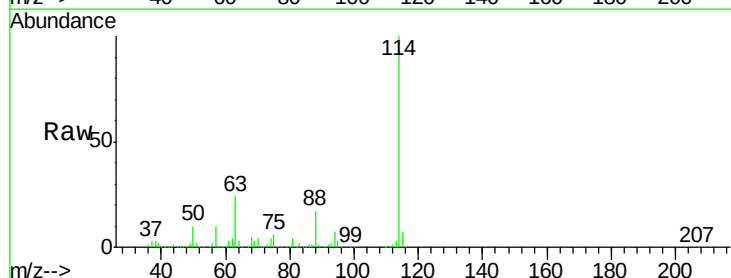
Instrument :
 MSVOA_W
 ClientSampleId :
 S300-J-1.5-2.0-081919

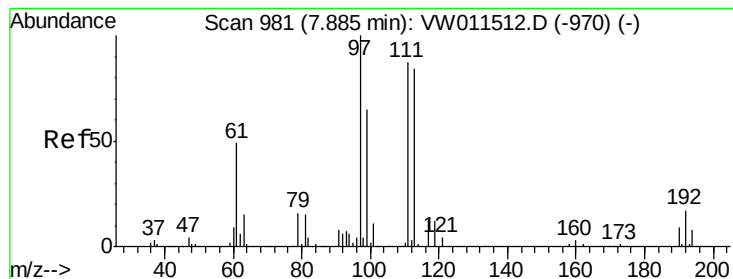
Tot Ion: 65 Resp: 148064
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012022.D
 Acq: 20 Aug 2019 11:09

Tgt Ion: 114 Resp: 402672
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.263 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012022.D

Acq: 20 Aug 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

S300-J-1.5-2.0-081919

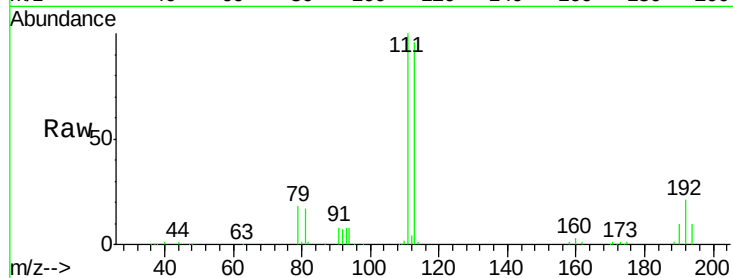
Tot Ion:113 Resp: 122584

Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

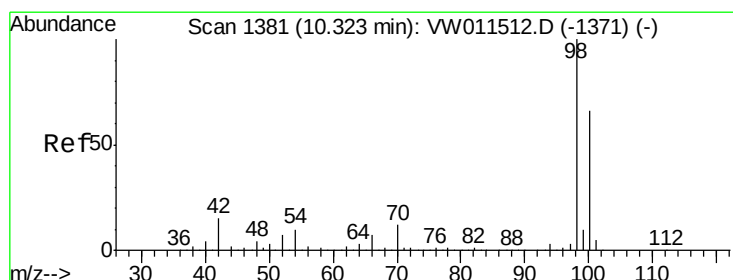
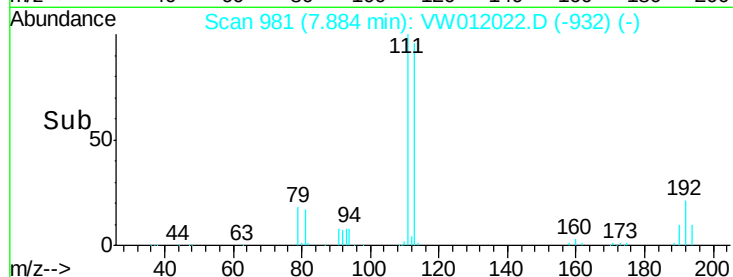
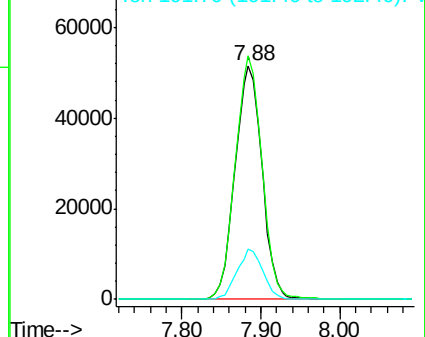
192 20.5 16.1 24.1



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: 52.387 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012022.D

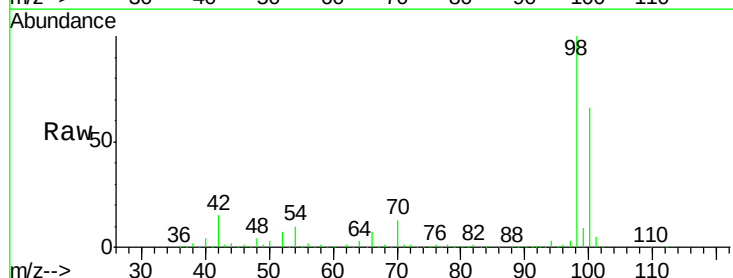
Acq: 20 Aug 2019 11:09

Tgt Ion: 98 Resp: 484540

Ion Ratio Lower Upper

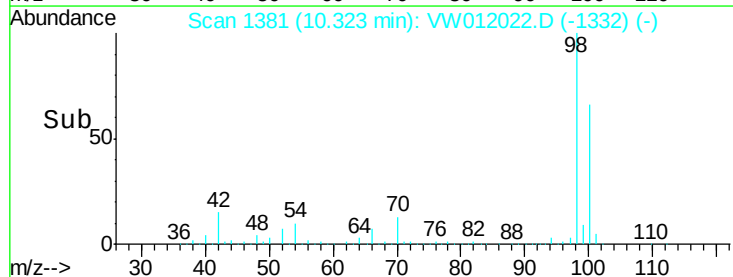
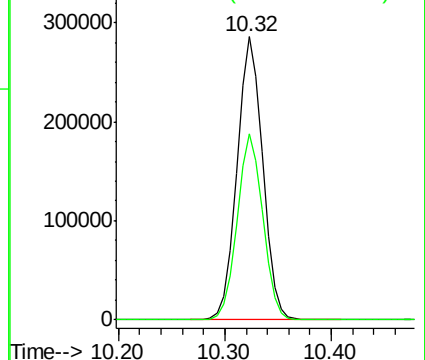
98 100

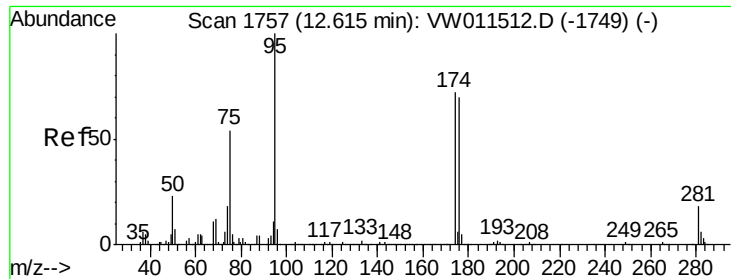
100 65.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.859 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012022.D

Acq: 20 Aug 2019 11:09

Instrument :

MSVOA_W

ClientSampleId :

S300-J-1.5-2.0-081919

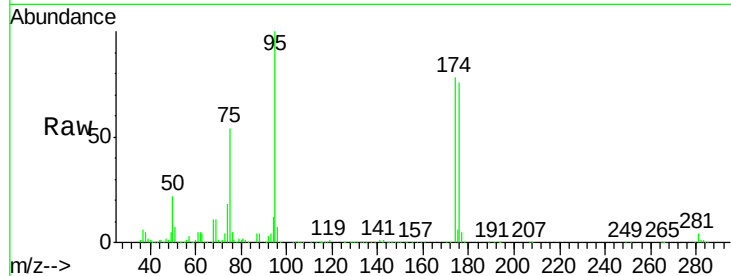
Tot Ion: 95 Resp: 131438

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

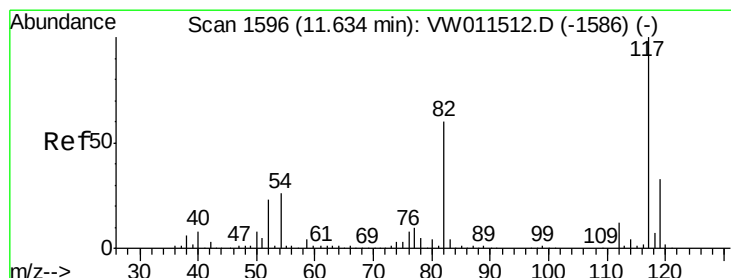
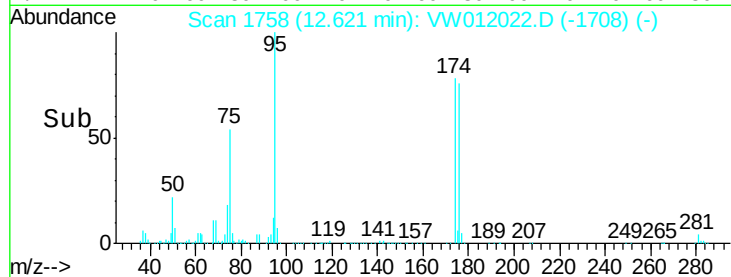
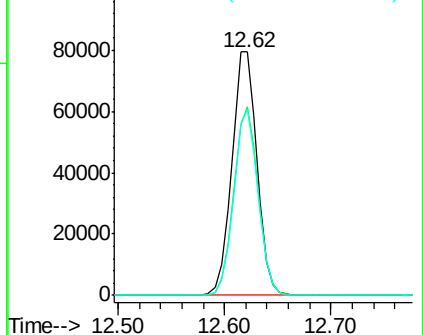
176 73.8 0.0 144.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012022.D

Acq: 20 Aug 2019 11:09

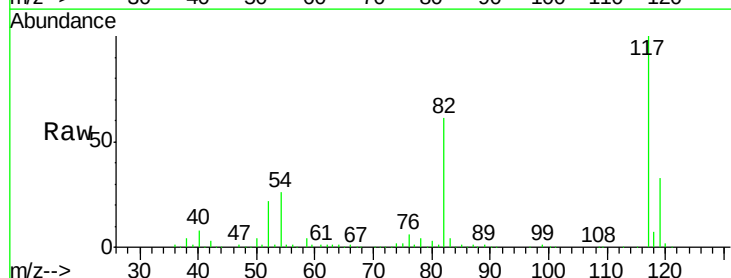
Tgt Ion: 117 Resp: 306732

Ion Ratio Lower Upper

117 100

82 60.6 47.9 71.9

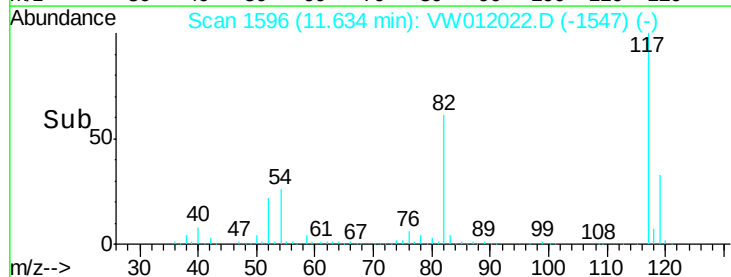
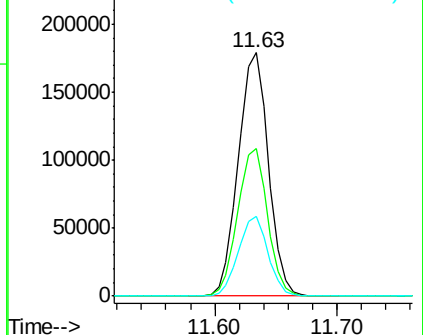
119 32.9 26.2 39.2

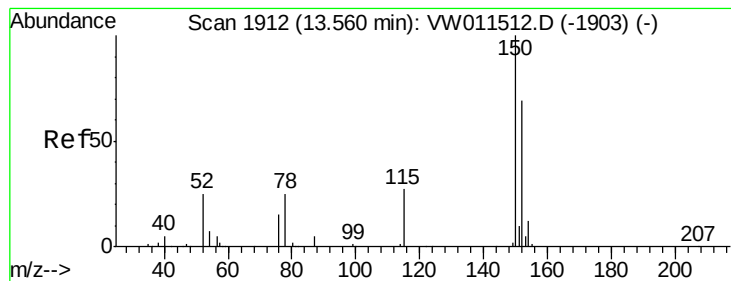


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

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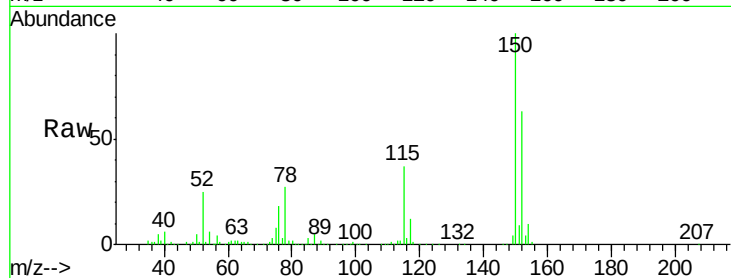
Tot Ion:152 Resp: 98596

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 156.9 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

