

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014509.D
 Acq On : 03 Jan 2020 19:57
 Operator : SY/VA
 Sample : L1011-07
 Misc : 7.15G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MC-010220-4-5-GRAB-B7

Quant Time: Jan 06 01:11:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

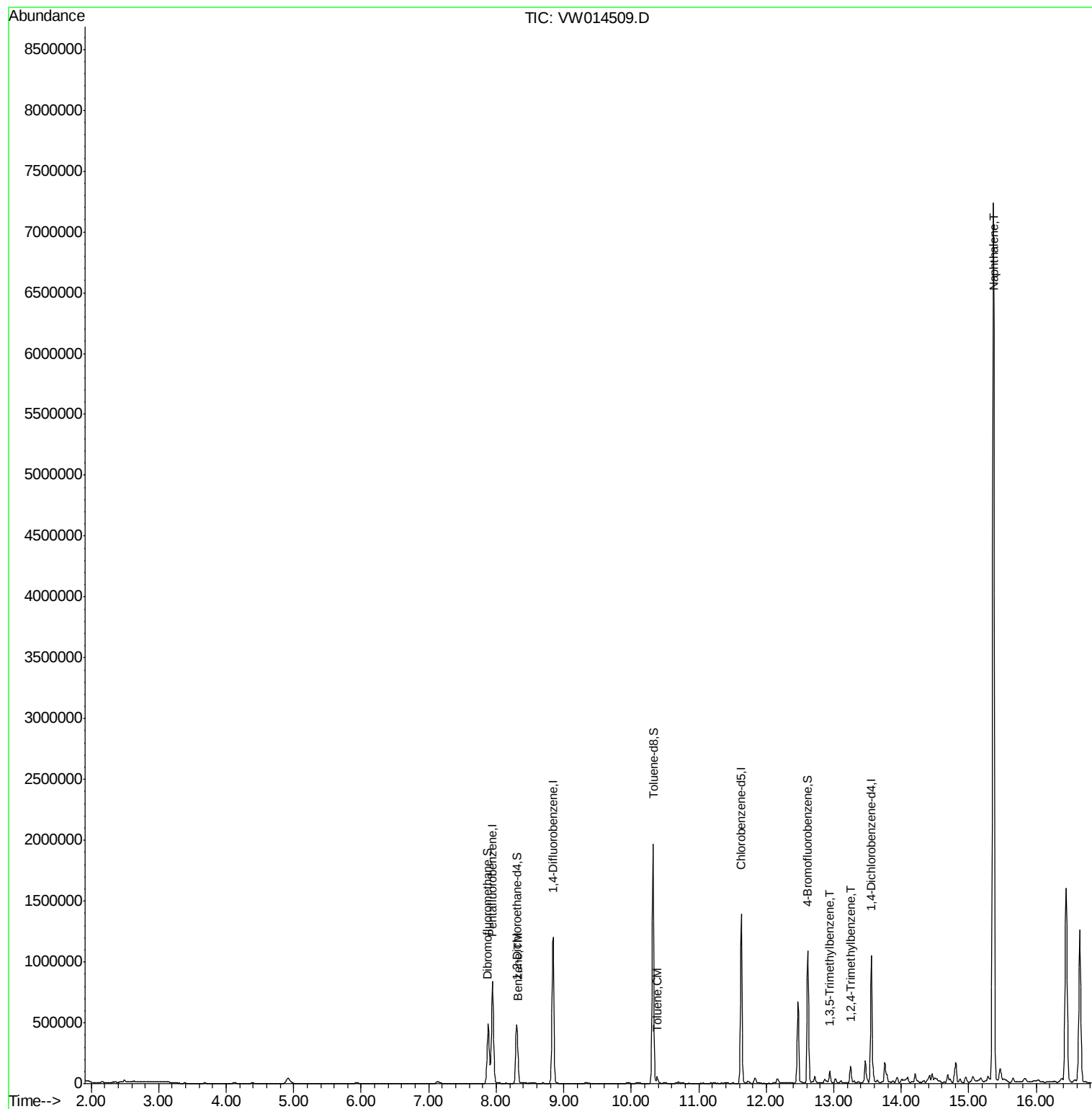
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	672112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1056146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	787881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	284988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	363426	61.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.70%	
35) Dibromofluoromethane	7.88	113	360635	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
50) Toluene-d8	10.32	98	1327819	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.62	95	359094	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.06%	
Target Compounds						
40) Benzene	8.32	78	36028	1.251	ug/l	92
52) Toluene	10.38	92	22275	1.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	51428	2.929	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	73111	4.184	ug/l	98
95) Naphthalene	15.36	128	6276593	656.549	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010320\
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Quant Title : SW846 8260
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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: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

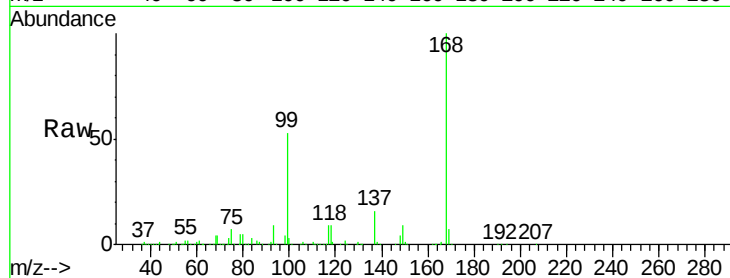
MC-010220-4-5-GRAB-B7

Tot Ion:168 Resp: 672112

Ion Ratio Lower Upper

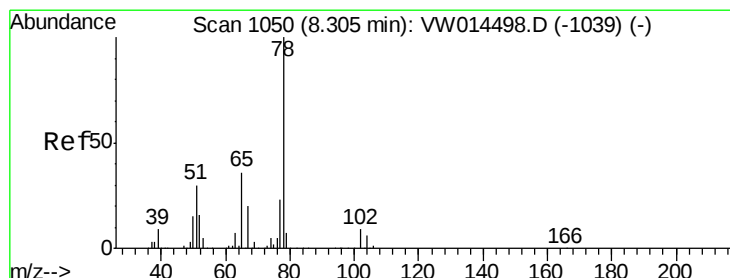
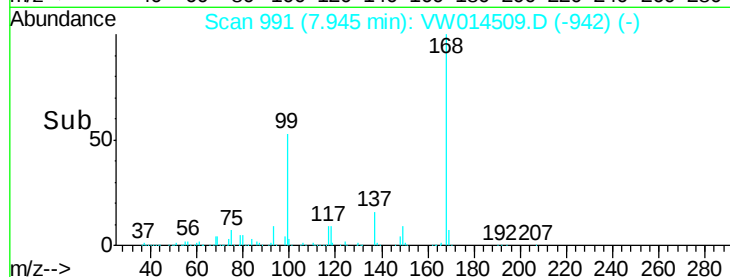
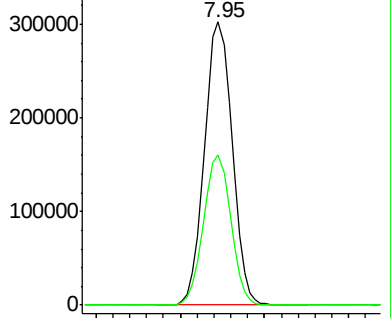
168 100

99 53.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 61.845 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014509.D

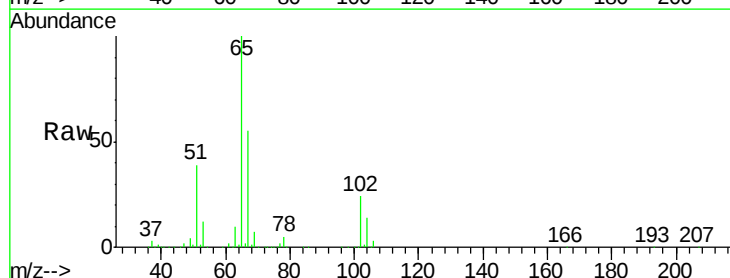
Acq: 03 Jan 2020 19:57

Tgt Ion: 65 Resp: 363426

Ion Ratio Lower Upper

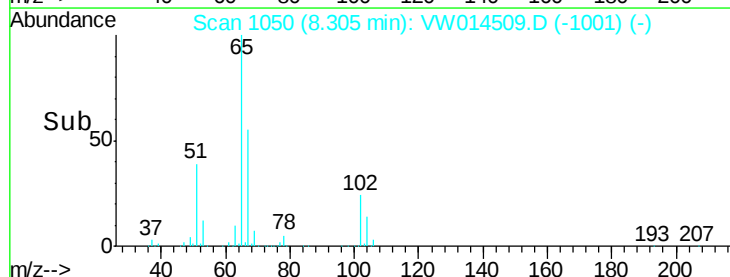
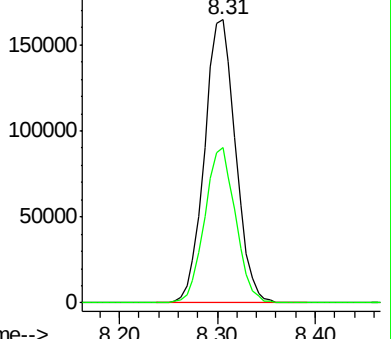
65 100

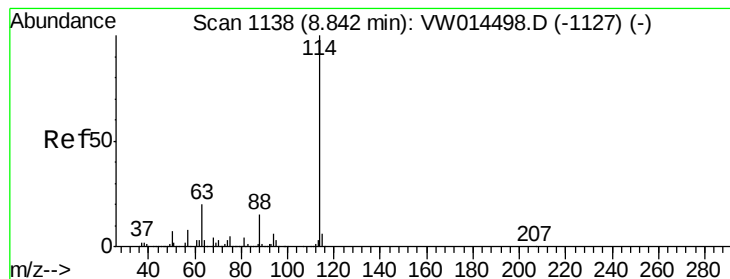
67 54.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

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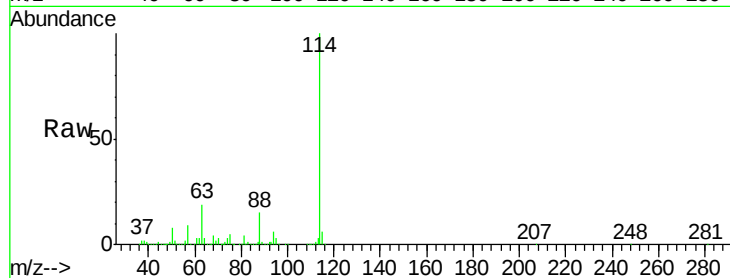
Tot Ion:114 Resp: 1056146

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.4

88 15.0 0.0 30.6



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

600000

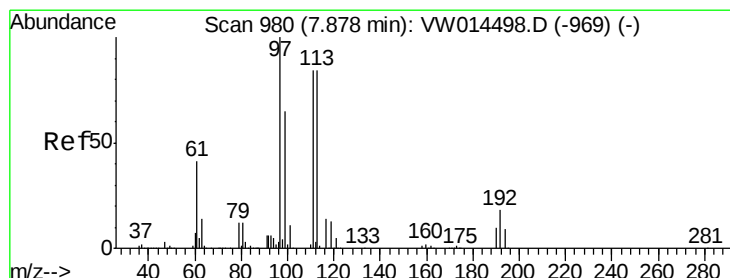
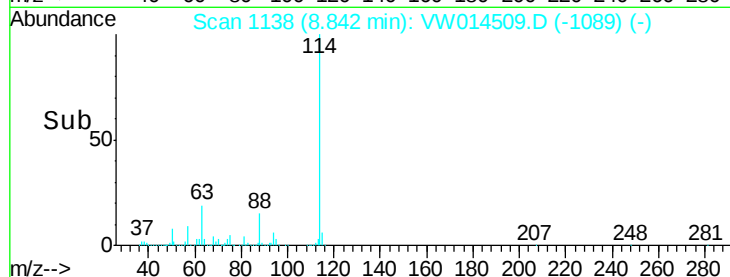
400000

200000

0

8.84

8.70 8.80 8.90



#35

Dibromofluoromethane

Concen: 59.747 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

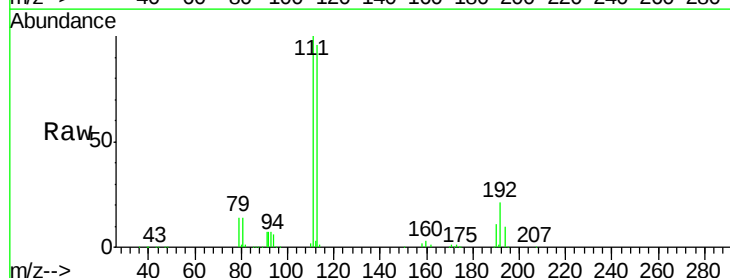
Tgt Ion:113 Resp: 360635

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

192 22.2 17.8 26.8



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

200000

150000

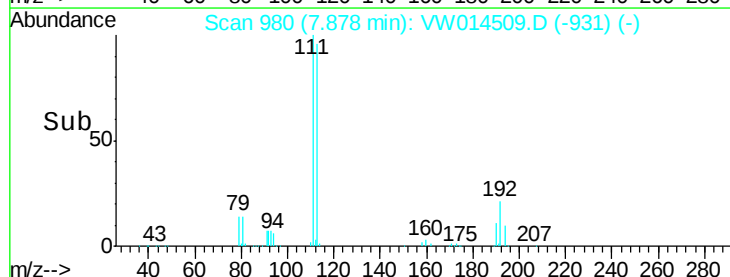
100000

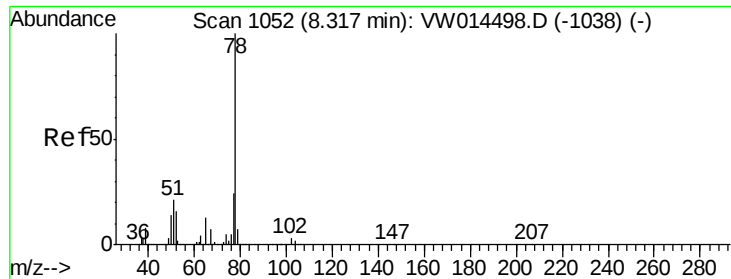
50000

0

7.88

7.80 7.90 8.00





#40

Benzene

Concen: 1.251 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

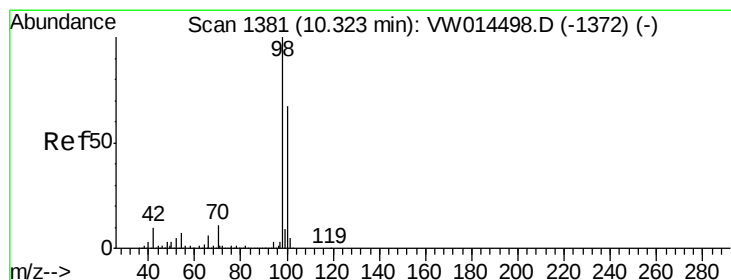
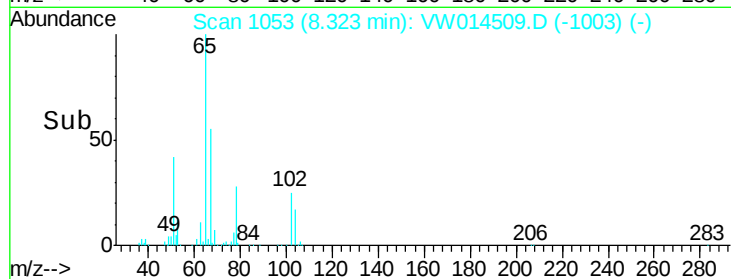
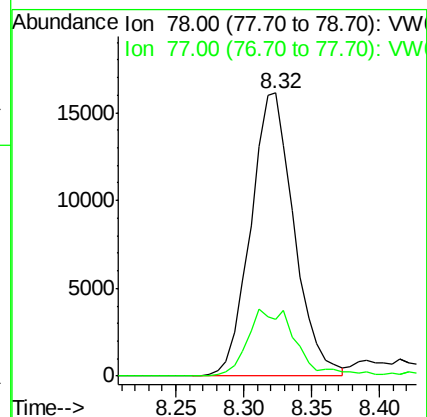
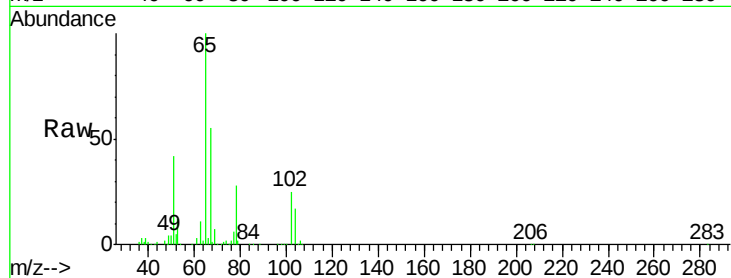
MC-010220-4-5-GRAB-B7

Tot Ion: 78 Resp: 36028

Ion Ratio Lower Upper

78 100

77 20.0 19.3 28.9



#50

Toluene-d8

Concen: 52.712 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014509.D

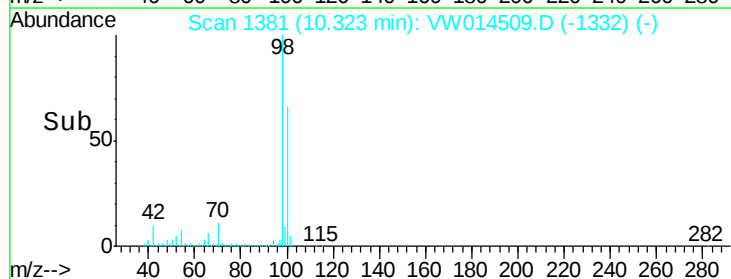
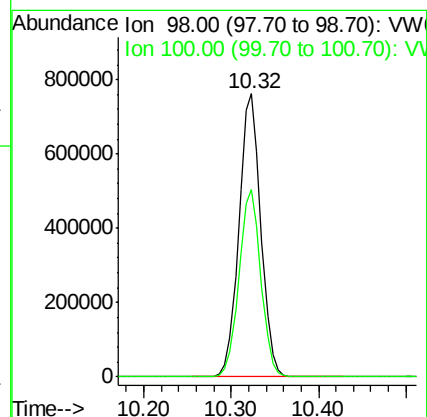
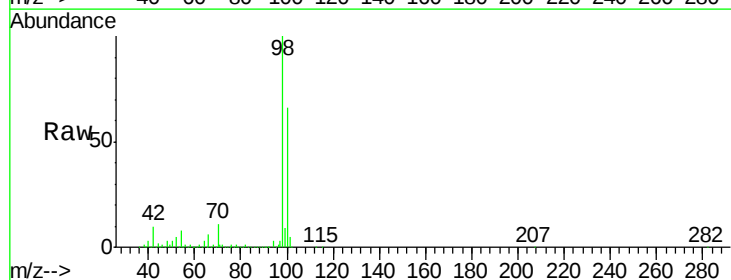
Acq: 03 Jan 2020 19:57

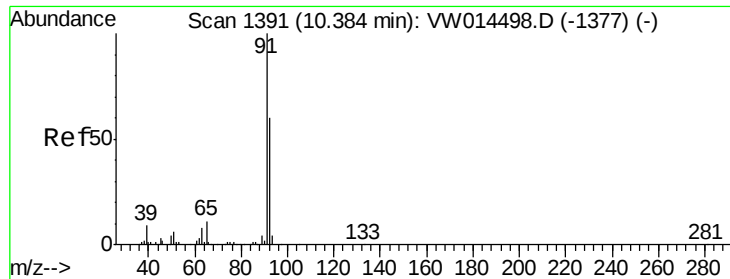
Tgt Ion: 98 Resp: 1327819

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6





#52

Toluene

Concen: 1.229 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

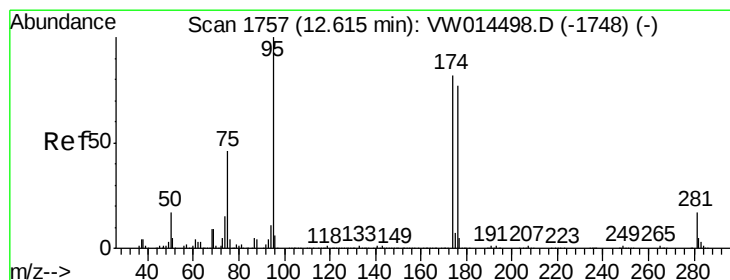
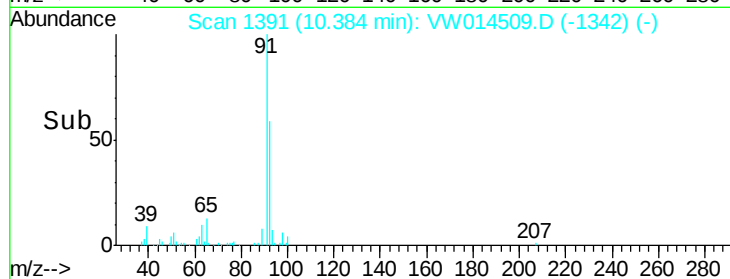
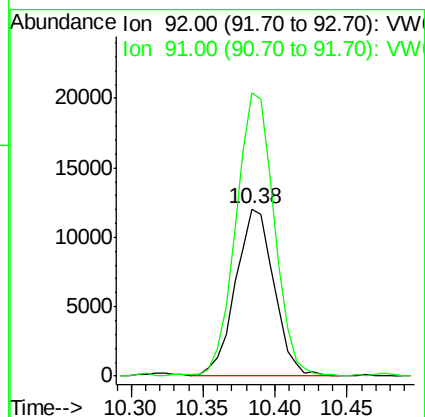
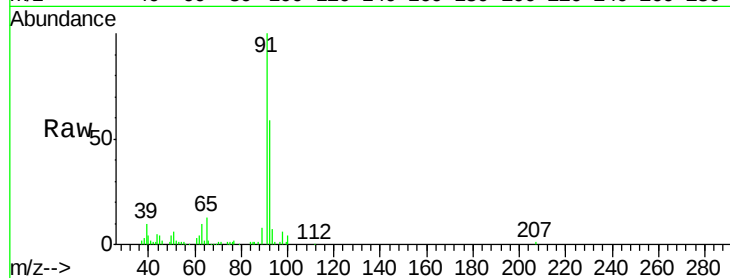
MC-010220-4-5-GRAB-B7

Tot Ion: 92 Resp: 22275

Ion Ratio Lower Upper

92 100

91 167.6 134.1 201.1



#62

4-Bromofluorobenzene

Concen: 42.028 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

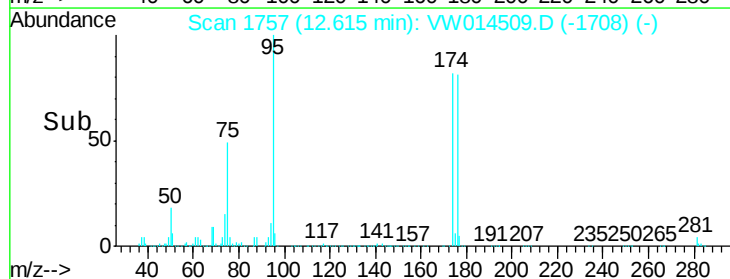
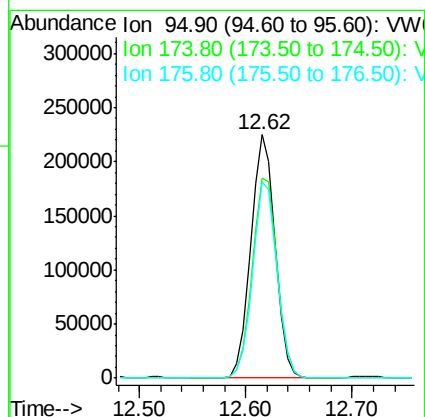
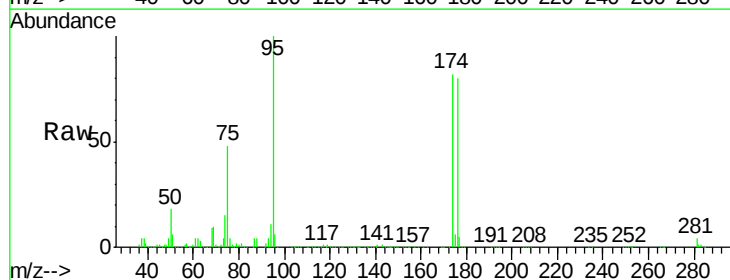
Tgt Ion: 95 Resp: 359094

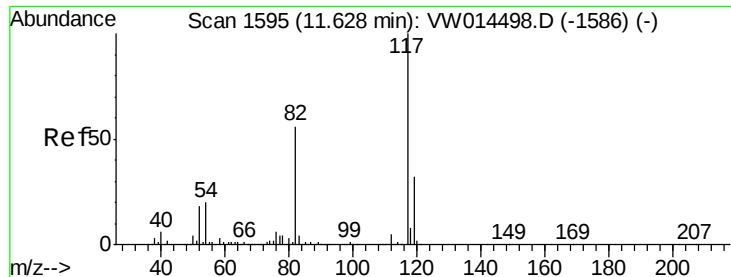
Ion Ratio Lower Upper

95 100

174 84.9 0.0 168.6

176 81.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

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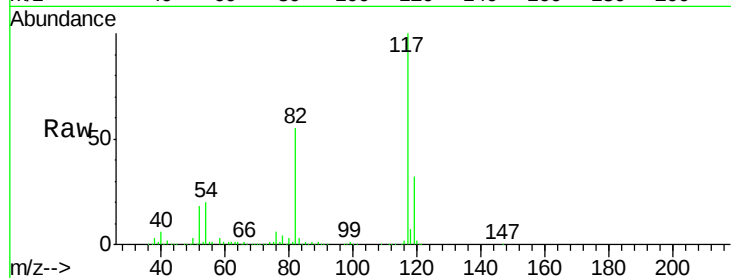
Tot Ion:117 Resp: 787881

Ion Ratio Lower Upper

117 100

82 55.5 44.6 67.0

119 32.5 25.7 38.5

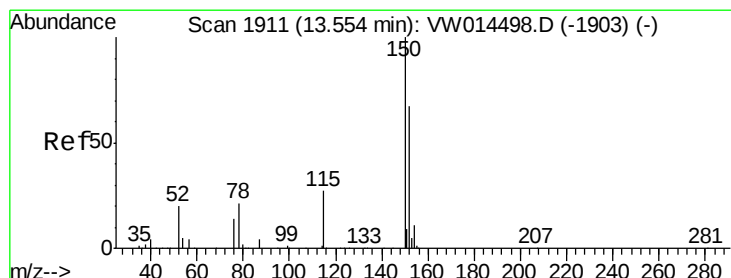
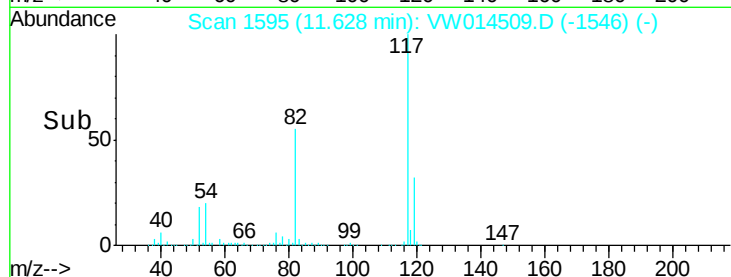
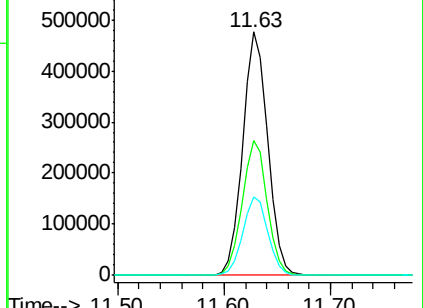


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.63



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

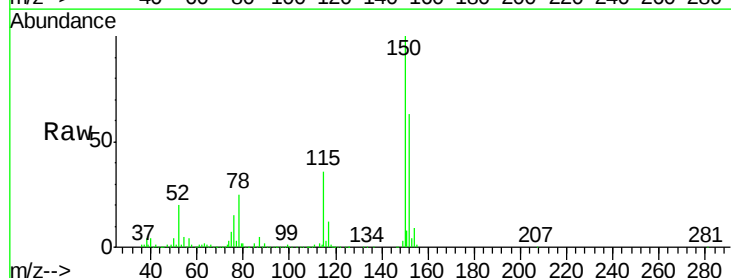
Tgt Ion:152 Resp: 284988

Ion Ratio Lower Upper

152 100

115 55.5 27.7 83.1

150 154.4 0.0 343.4

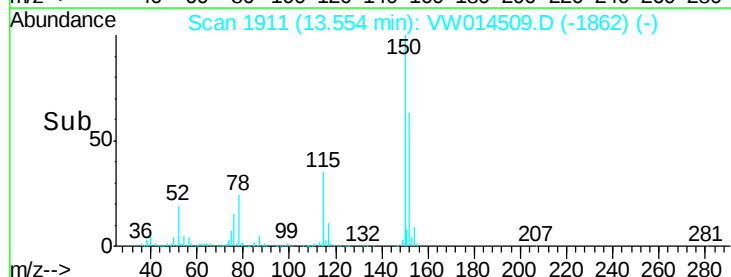
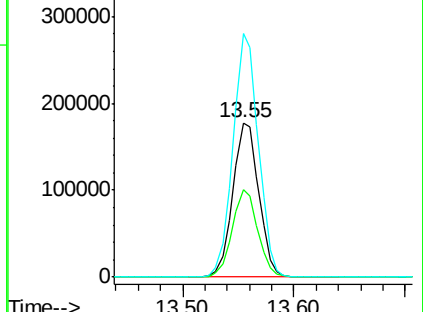


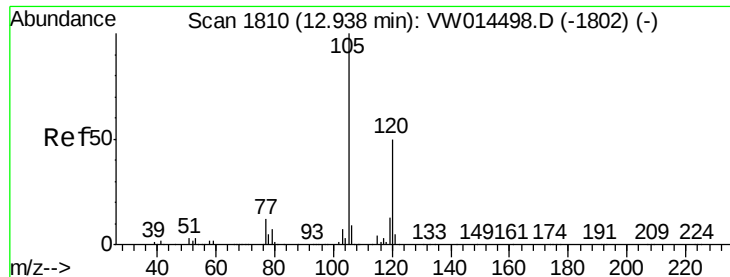
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

13.55

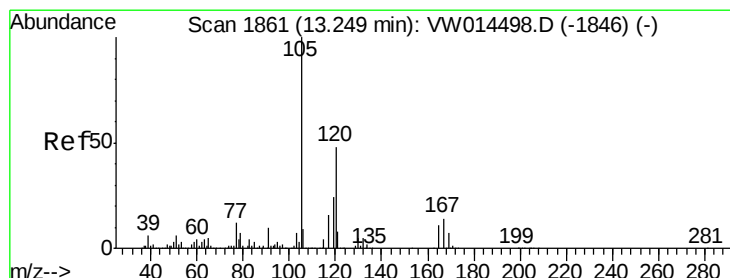
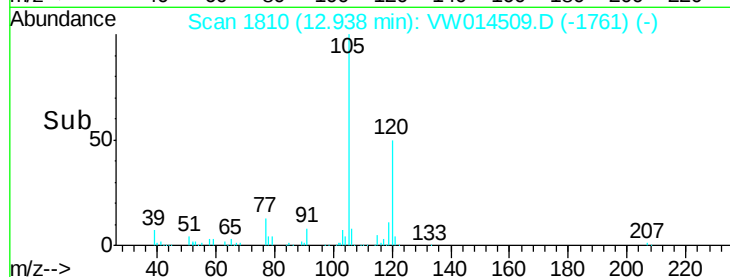
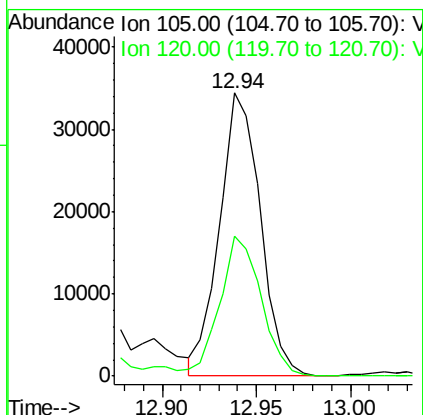
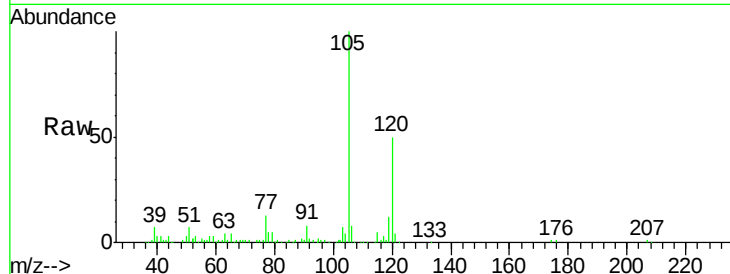




#80
 1,3,5-Trimethylbenzene
 Concen: 2.929 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW014509.D
 Acq: 03 Jan 2020 19:57

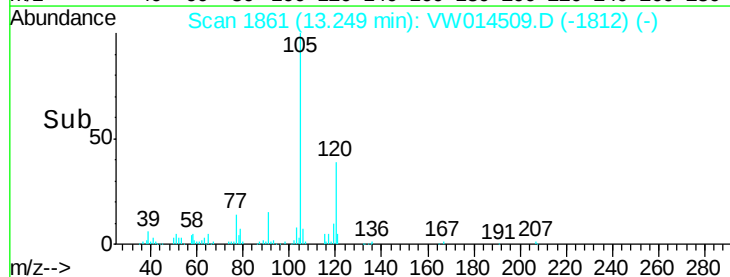
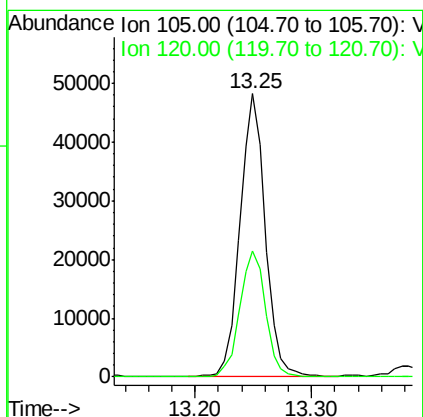
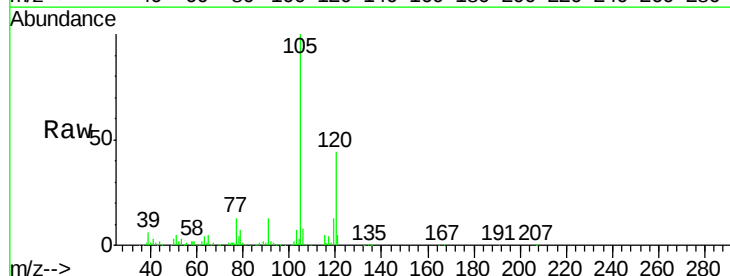
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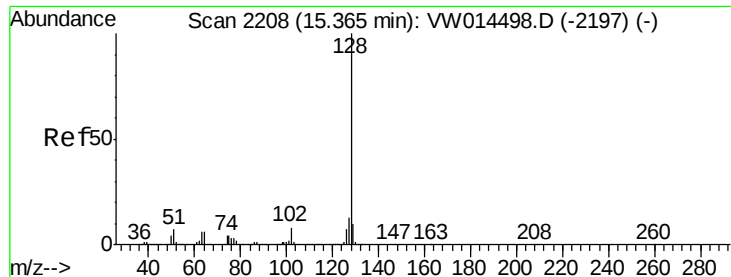
Tot Ion:105 Resp: 51428
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.184 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW014509.D
 Acq: 03 Jan 2020 19:57

Tgt Ion:105 Resp: 73111
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.0





#95

Naphthalene

Concen: 656.549 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014509.D

Acq: 03 Jan 2020 19:57

Instrument :

MSVOA_W

ClientSampleId :

MC-010220-4-5-GRAB-B7

Tot Ion:128 Resp: 6276593

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.7 13.1

