

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009115.D
 Acq On : 12 Mar 2019 05:45
 Operator : SY/VA
 Sample : K1847-09
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-9-031119

Quant Time: Mar 12 10:08:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

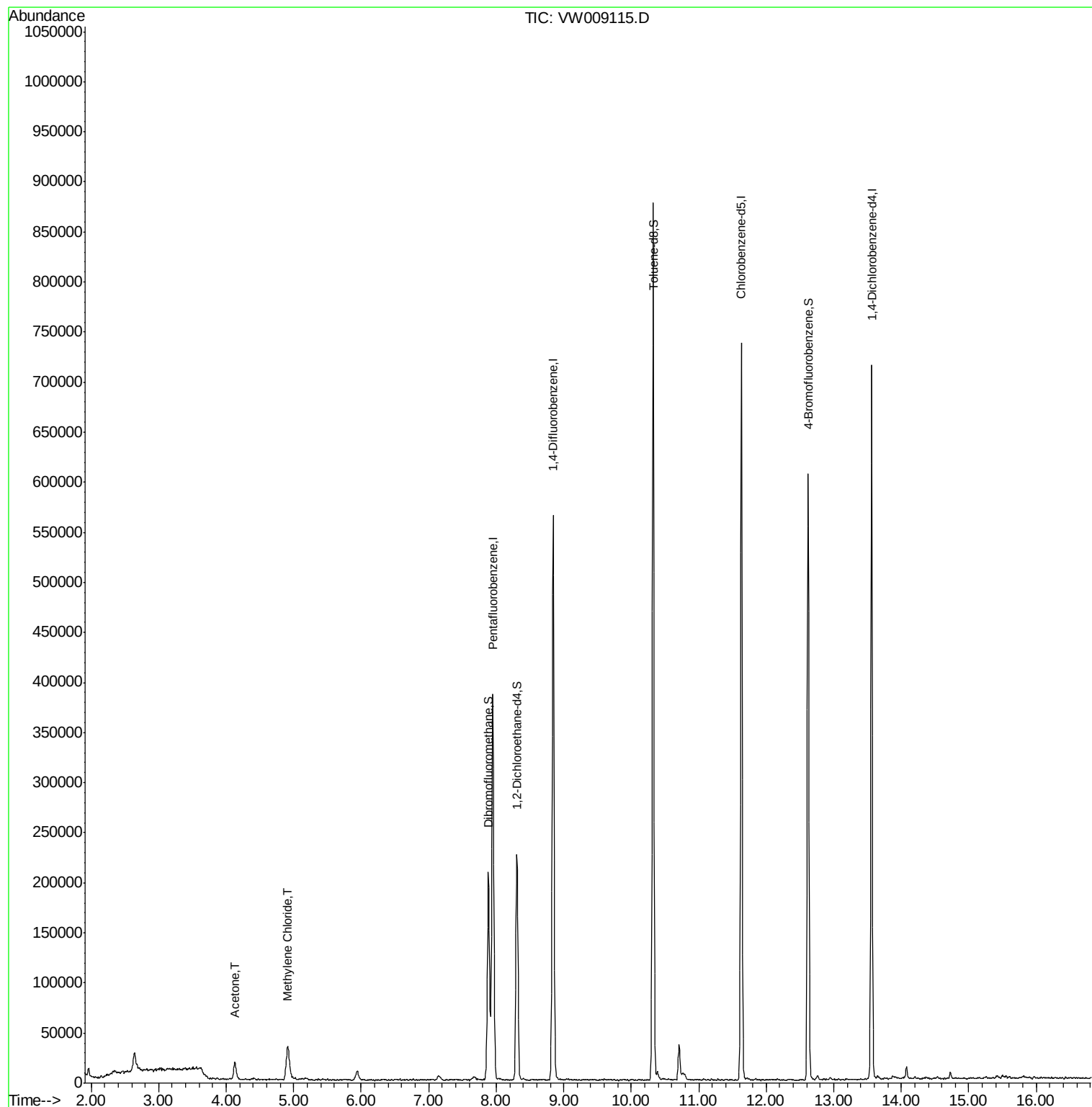
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	447653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	392645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	172300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	165037	58.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.10%	
35) Dibromofluoromethane	7.88	113	138004	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.32	98	538810	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.62	95	173611	39.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.68%	
Target Compounds						
16) Acetone	4.14	43	31127	48.934	ug/l	96
20) Methylene Chloride	4.92	84	25015	3.291	ug/l	93

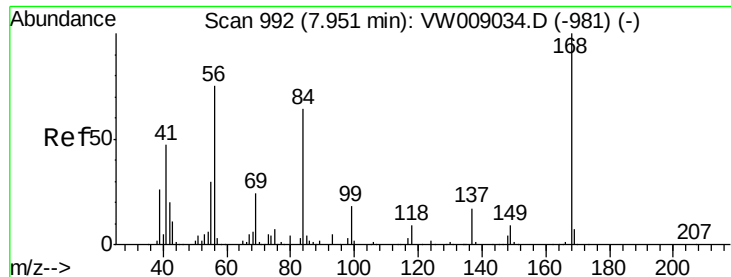
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 05:22:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

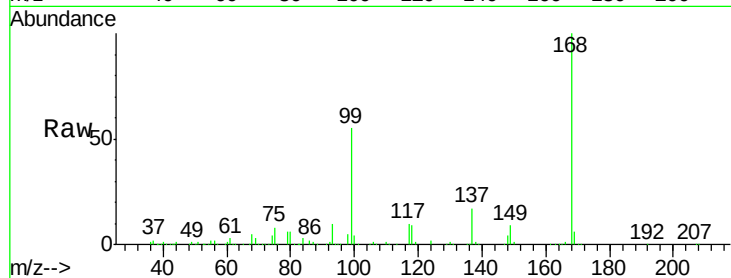
SUP-7B-G-9-031119

Tot Ion:168 Resp: 280178

Ion Ratio Lower Upper

168 100

99 54.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

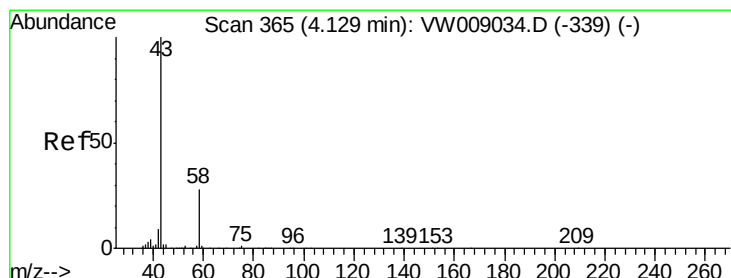
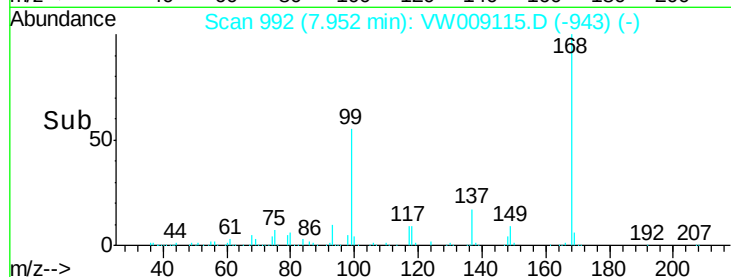
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 48.934 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009115.D

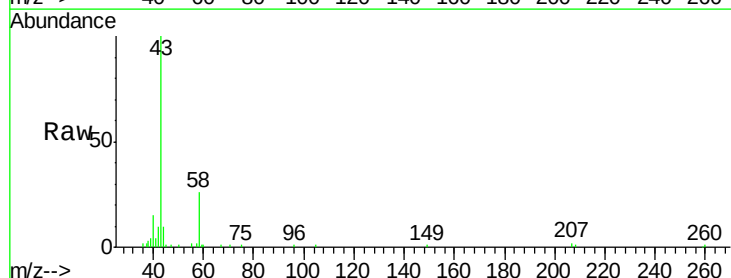
Acq: 12 Mar 2019 05:45

Tgt Ion: 43 Resp: 31127

Ion Ratio Lower Upper

43 100

58 26.0 22.5 33.7



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

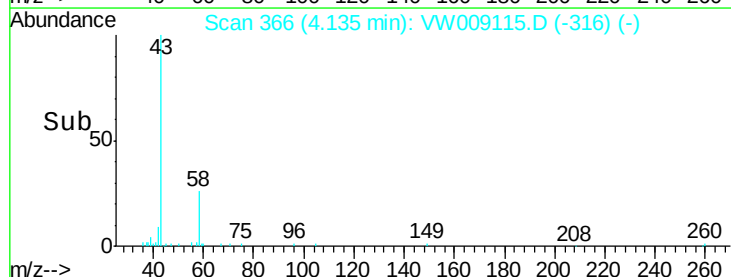
4000

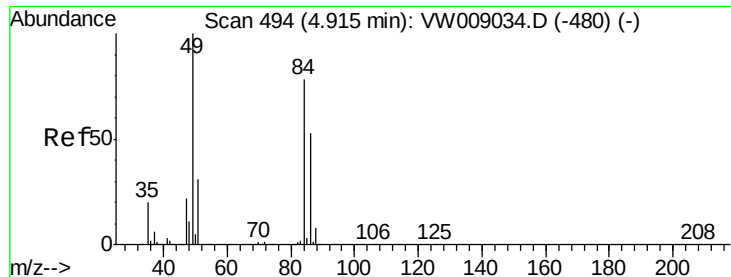
2000

0

4.00 4.10 4.20

Time-->

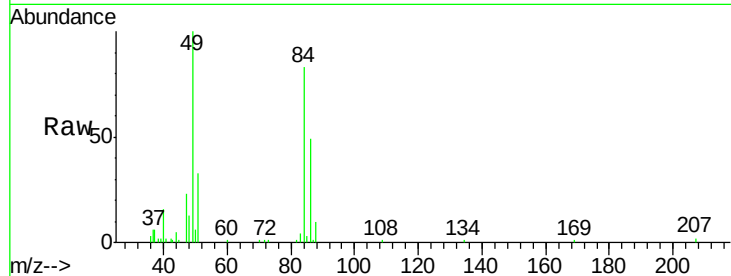




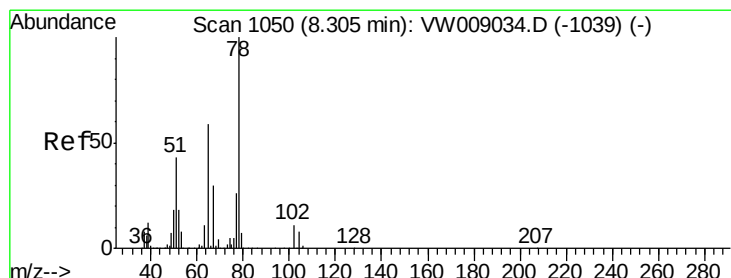
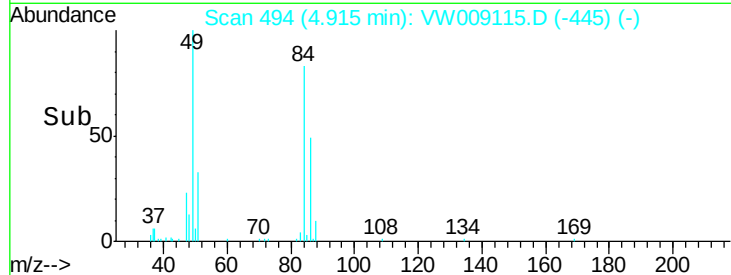
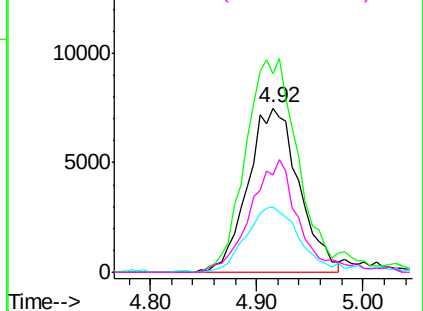
#20
Methylene Chloride
Concen: 3.291 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Instrument :
MSVOA_W
ClientSampleId :
SUP-7B-G-9-031119

Tot Ion: 84 Resp: 25015
Ion Ratio Lower Upper
84 100
49 120.3 102.4 153.6
51 39.4 31.6 47.4
86 59.5 54.5 81.7

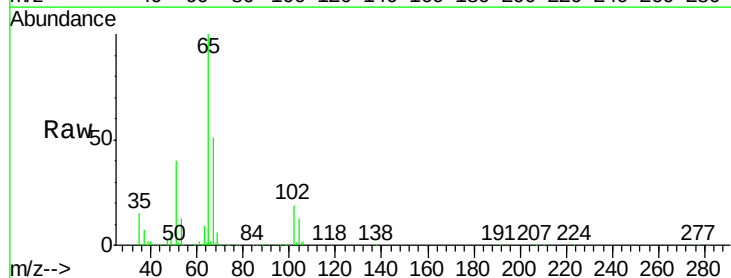


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

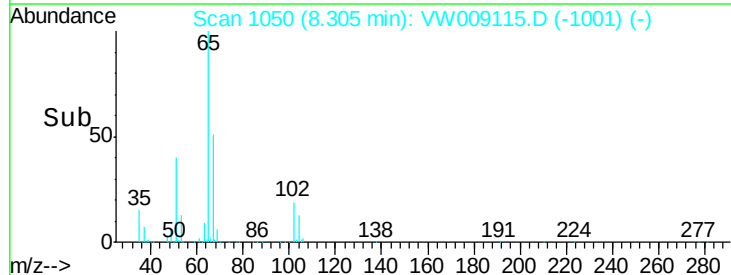
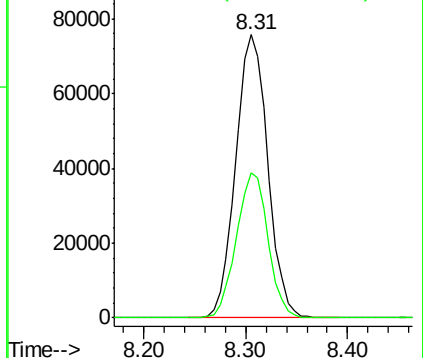


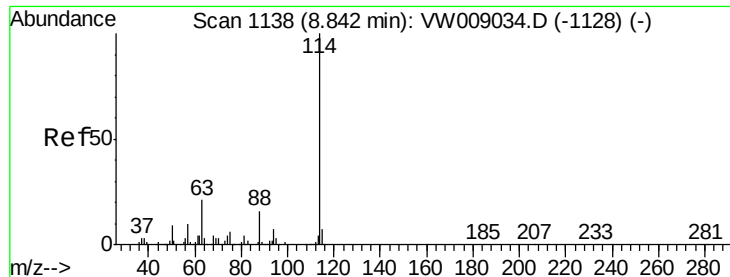
#33
1,2-Dichloroethane-d4
Concen: 58.547 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009115.D
Acq: 12 Mar 2019 05:45

Tgt Ion: 65 Resp: 165037
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0



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: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-9-031119

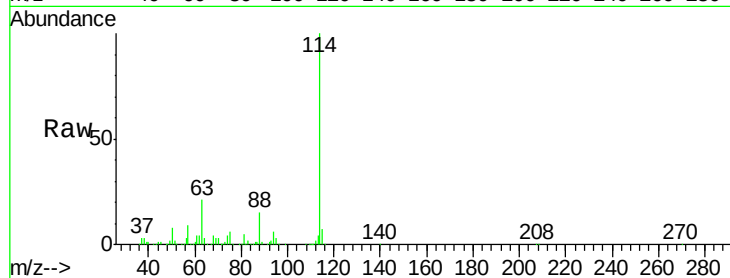
Tot Ion:114 Resp: 447653

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

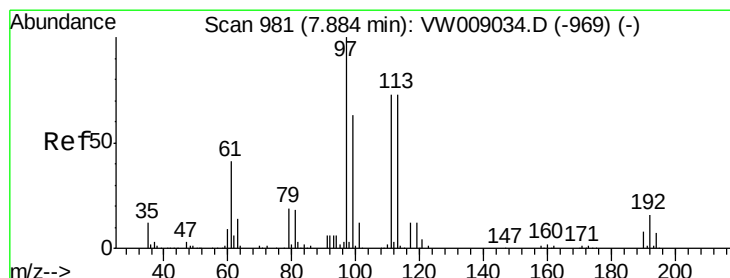
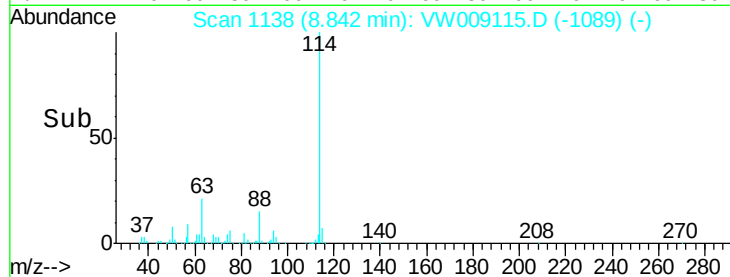
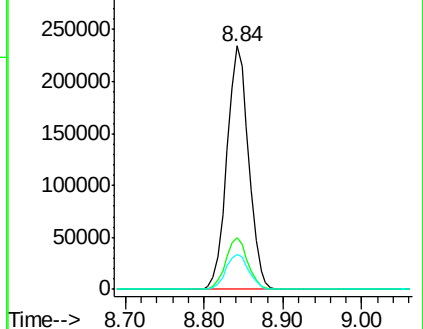
88 14.5 0.0 31.2



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: 51.202 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

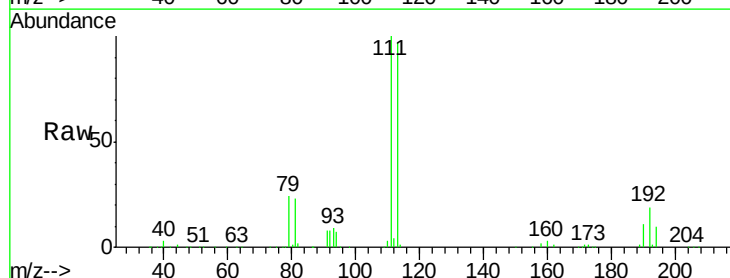
Tgt Ion:113 Resp: 138004

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.4

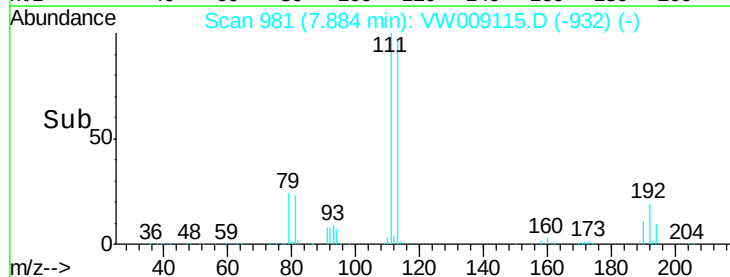
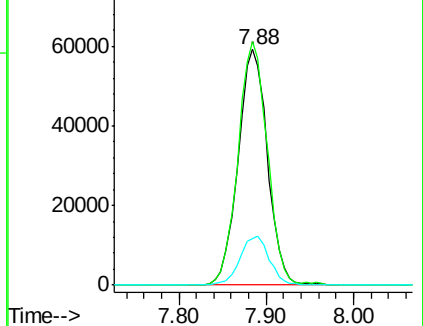
192 20.7 17.1 25.7

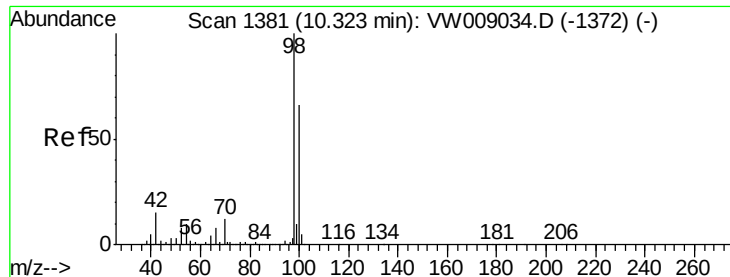


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.673 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

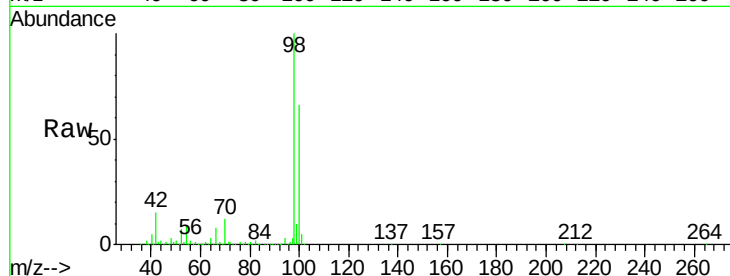
SUP-7B-G-9-031119

Tot Ion: 98 Resp: 538810

Ion Ratio Lower Upper

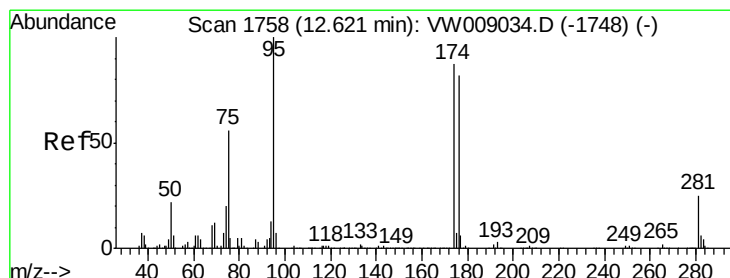
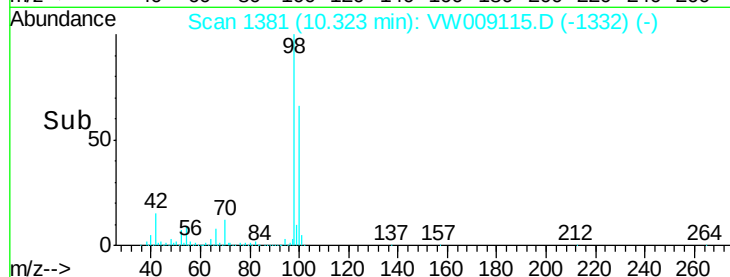
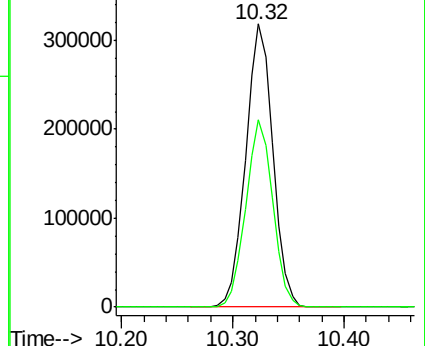
98 100

100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 39.839 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009115.D

Acq: 12 Mar 2019 05:45

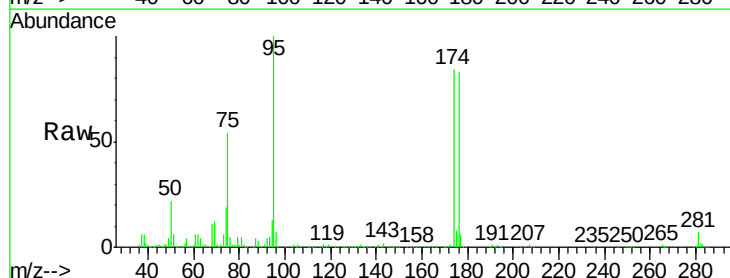
Tgt Ion: 95 Resp: 173611

Ion Ratio Lower Upper

95 100

174 83.1 0.0 167.0

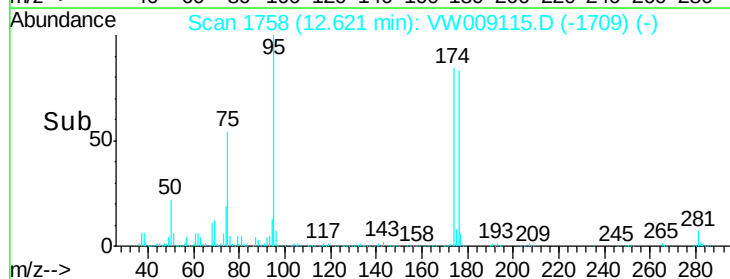
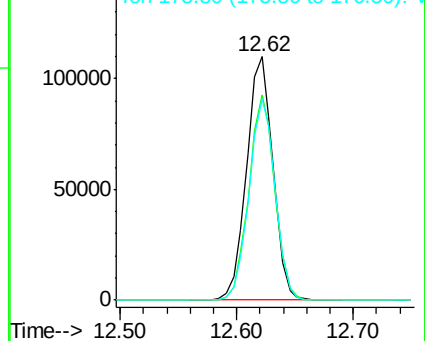
176 81.7 0.0 159.4

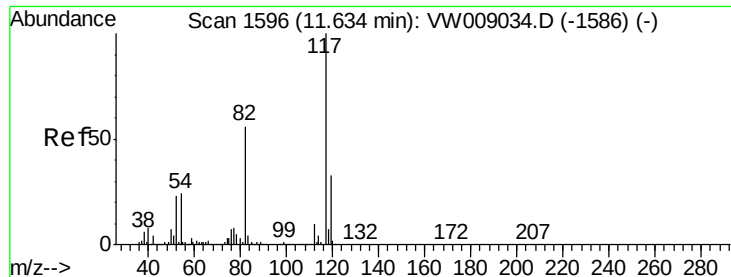


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW009115.D

Acq: 12 Mar 2019 05:45

Instrument :

MSVOA_W

ClientSampleId :

SUP-7B-G-9-031119

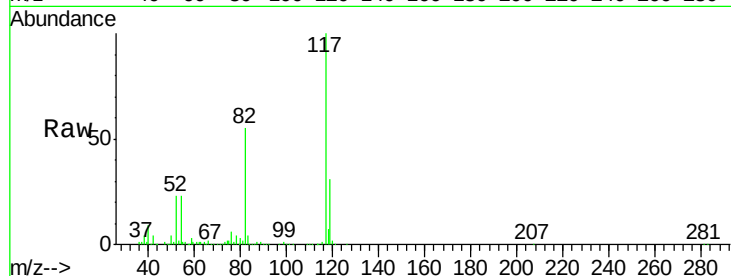
Tot Ion:117 Resp: 392645

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.6

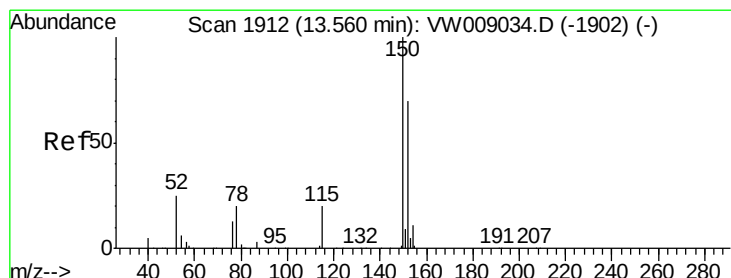
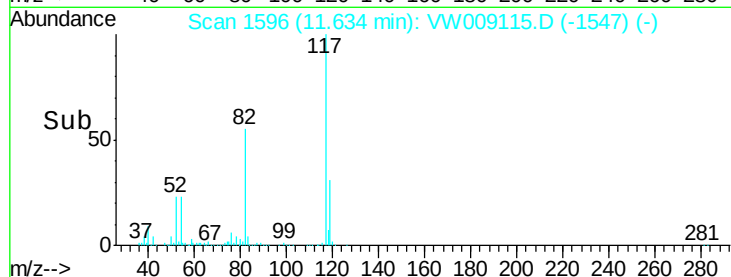
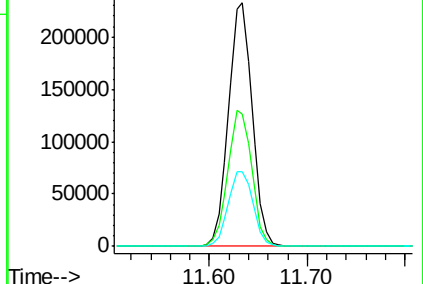
119 30.6 26.6 39.8



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: VW009115.D

Acq: 12 Mar 2019 05:45

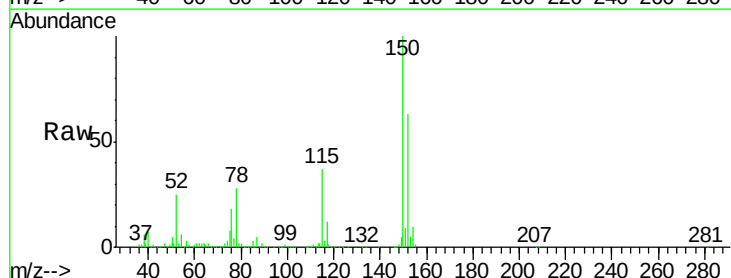
Tgt Ion:152 Resp: 172300

Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 156.1 0.0 349.2



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

