

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056650.D
 Acq On : 10 Jul 2019 17:10
 Operator : JC/SP
 Sample : K3636-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-MMW0002

Quant Time: Jul 11 07:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071019SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 04:54:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	47240	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	83474	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	55007	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	13425	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	29065	5.13	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.60%
5) Dibromofluoromethane	7.59	113	22156	5.03	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.60%
6) Toluene-d8	10.09	98	52179	4.90	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	98.00%
7) 4-Bromofluorobenzene	12.40	95	18036	4.72	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	94.40%

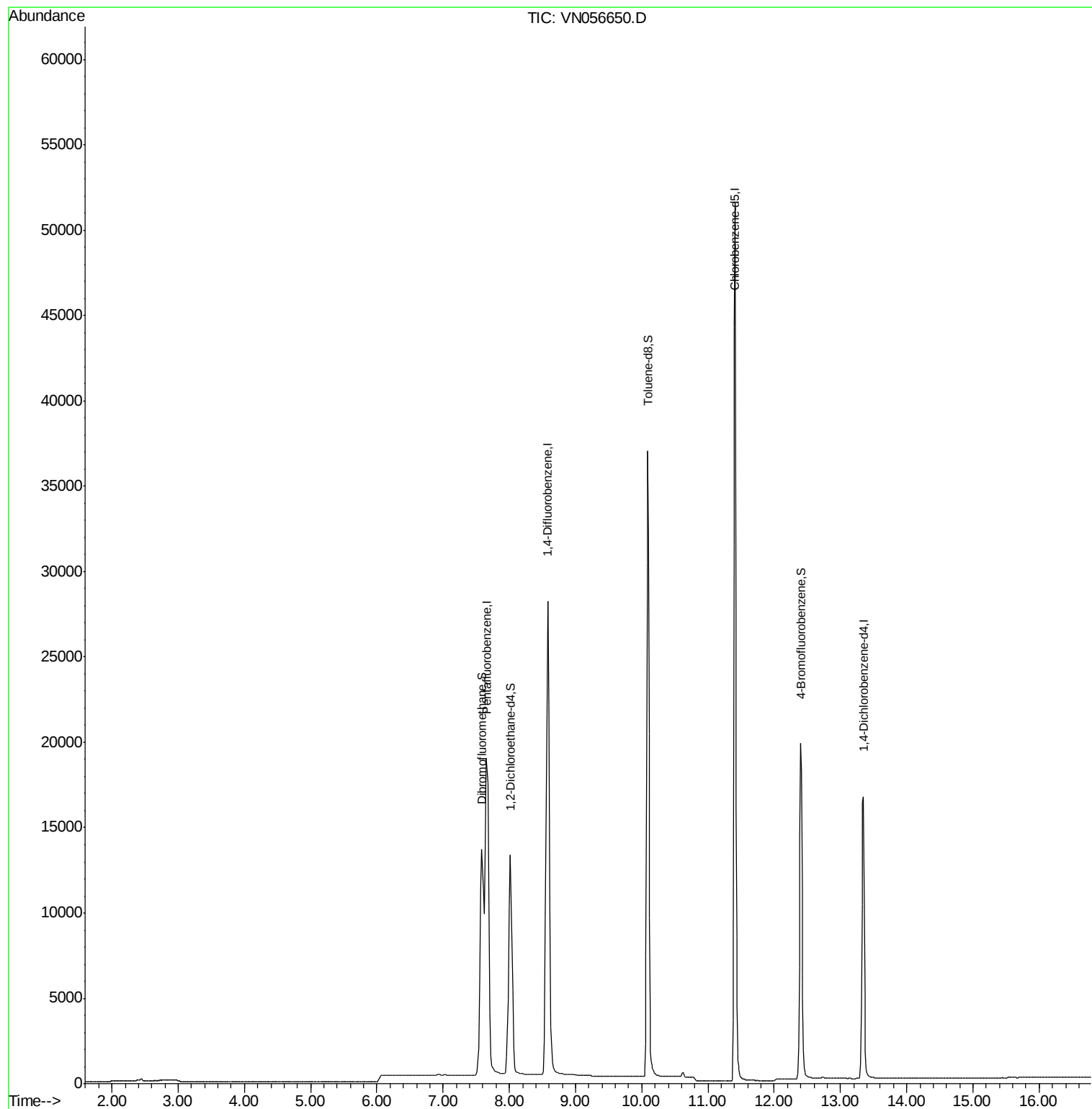
Target Compounds	Qvalue

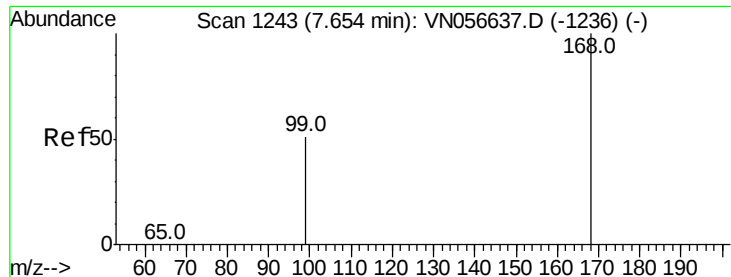
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071019\
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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

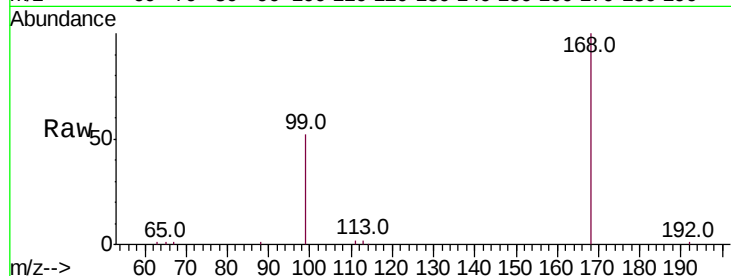
SP19-MMW0002

Tot Ion:168 Resp: 47240

Ion Ratio Lower Upper

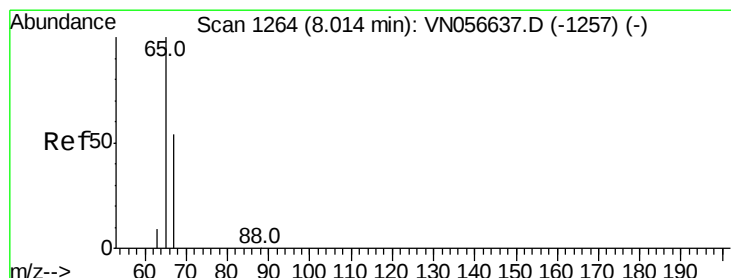
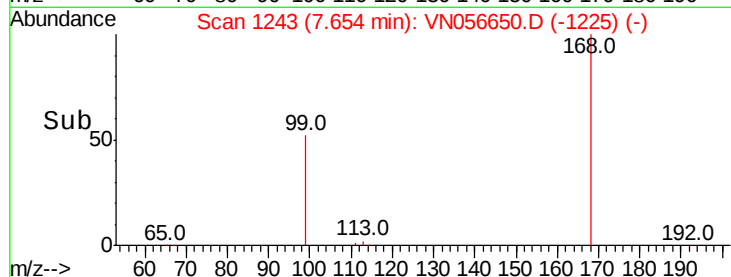
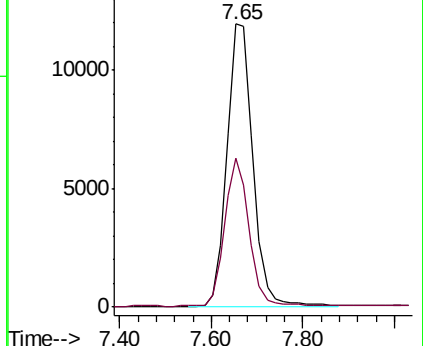
168 100

99 52.4 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#3

1,2-Dichloroethane-d4

Concen: 5.130 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056650.D

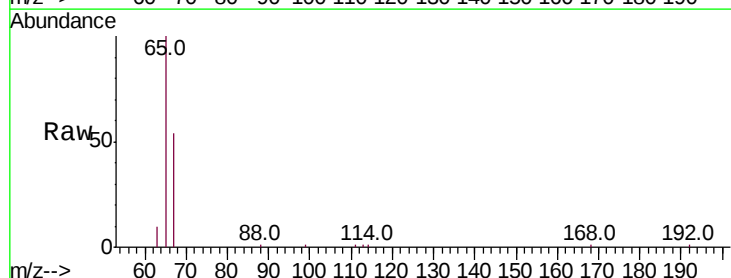
Acq: 10 Jul 2019 17:10

Tgt Ion: 65 Resp: 29065

Ion Ratio Lower Upper

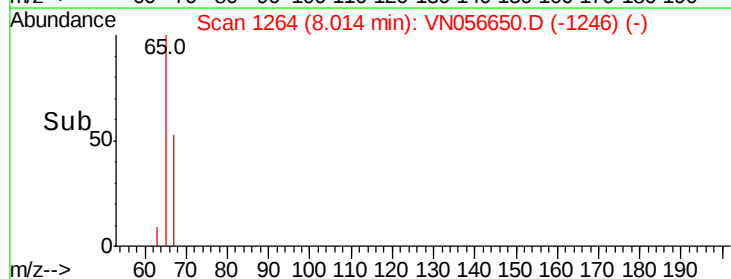
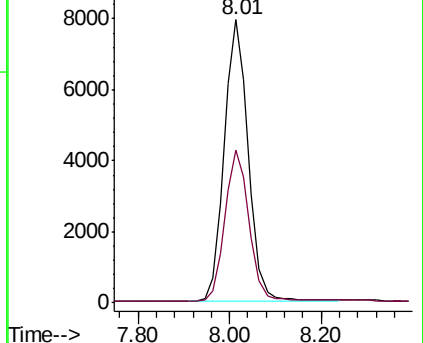
65 100

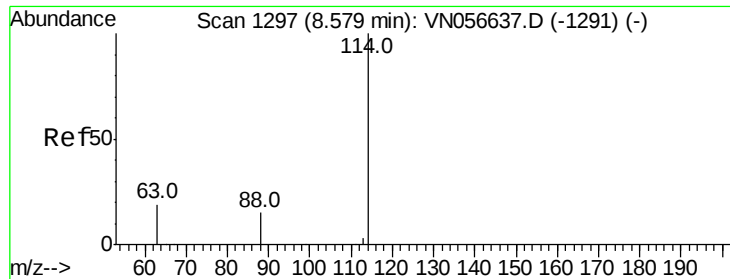
67 53.8 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW0002

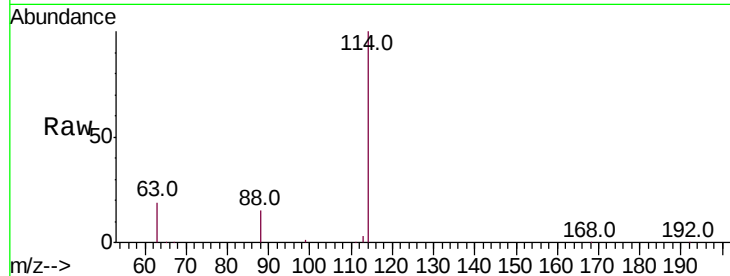
Tot Ion:114 Resp: 83474

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

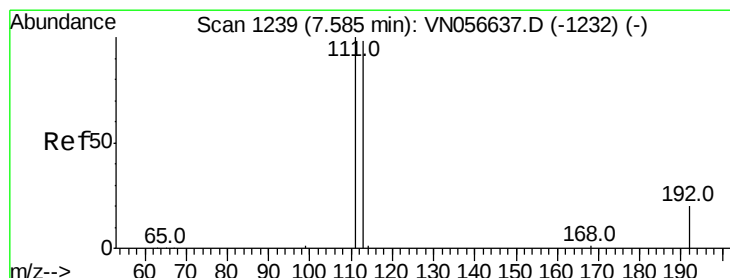
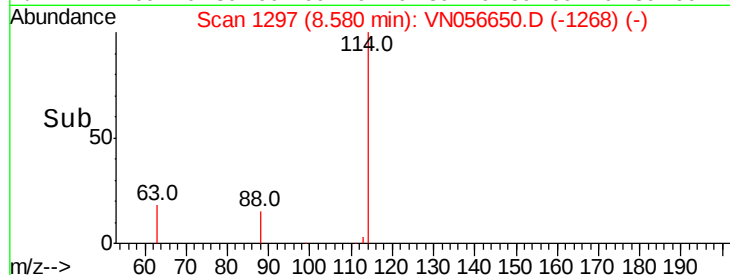
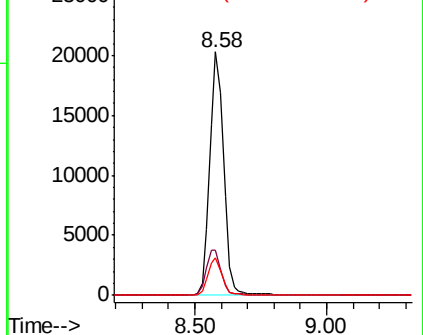
88 15.2 0.0 30.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN

Ion 88.00 (87.70 to 88.70): VN



#5

Dibromofluoromethane

Concen: 5.027 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

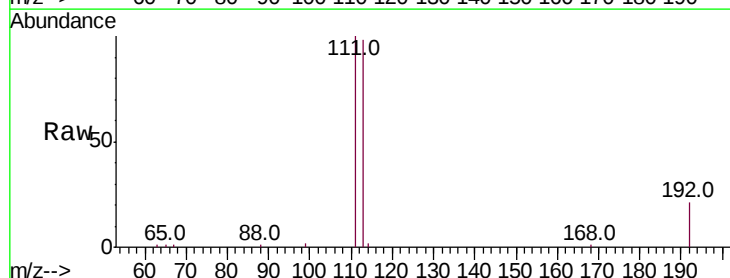
Tgt Ion:113 Resp: 22156

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

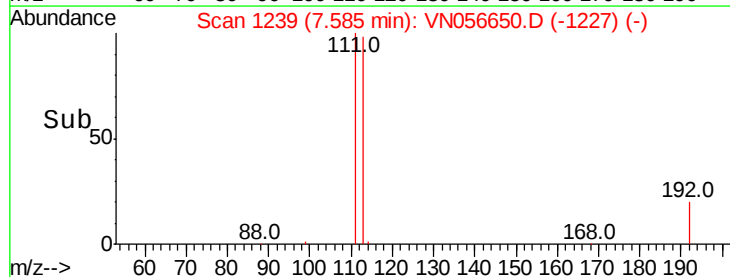
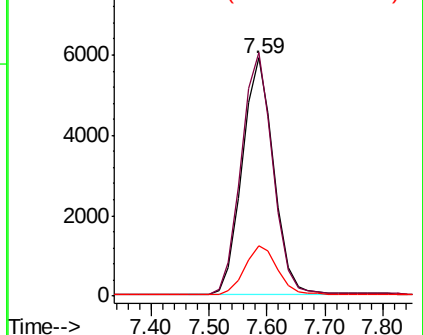
192 21.1 16.9 25.3

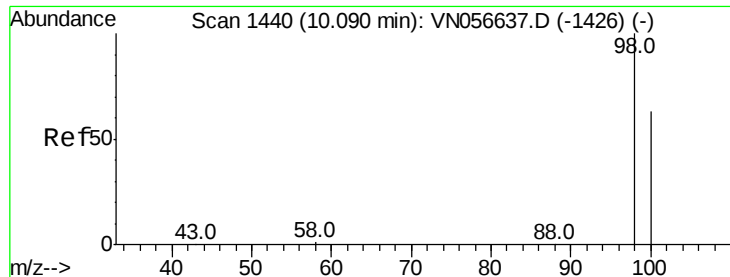


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#6

Toluene-d8

Concen: 4.896 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

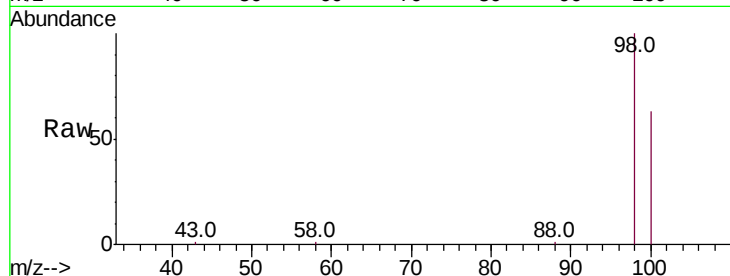
SP19-MMW0002

Tot Ion: 98 Resp: 52179

Ion Ratio Lower Upper

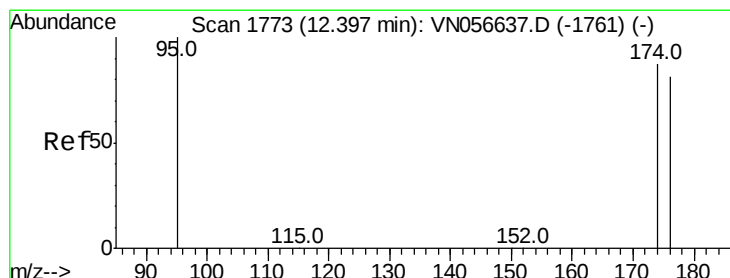
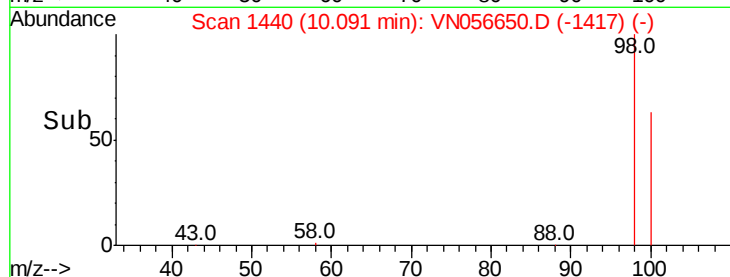
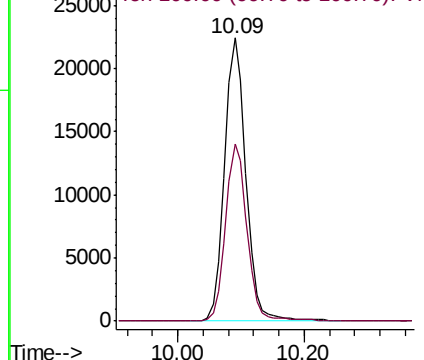
98 100

100 62.7 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#7

4-Bromofluorobenzene

Concen: 4.724 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

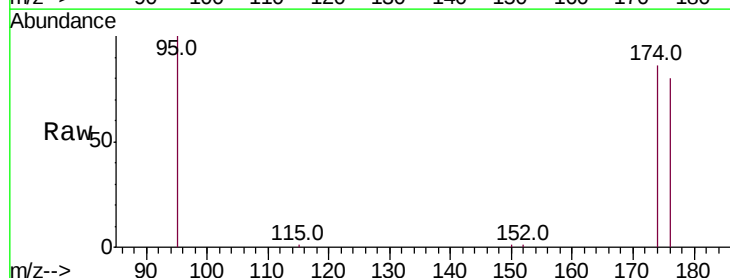
Tgt Ion: 95 Resp: 18036

Ion Ratio Lower Upper

95 100

174 86.1 0.0 174.2

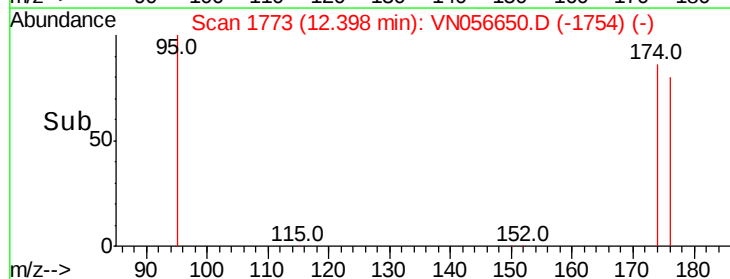
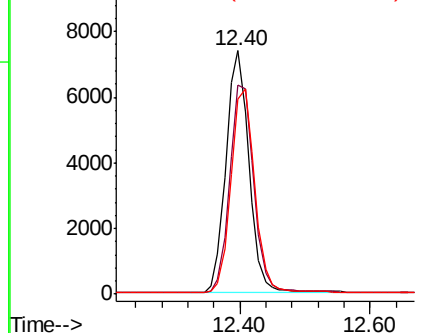
176 80.1 0.0 162.0

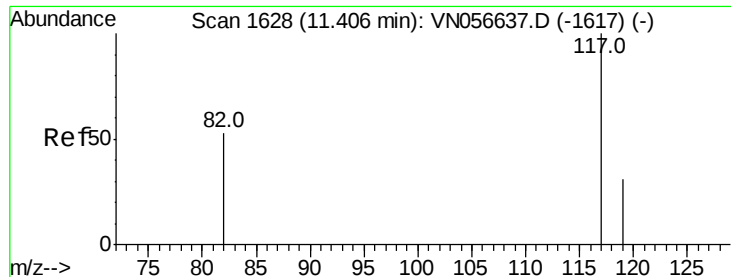


Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

SP19-MMW0002

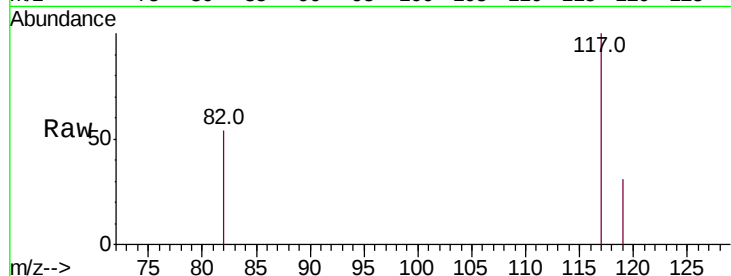
Tot Ion:117 Resp: 55007

Ion Ratio Lower Upper

117 100

82 53.9 42.6 63.8

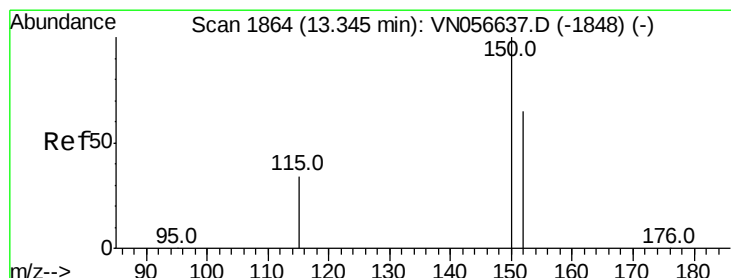
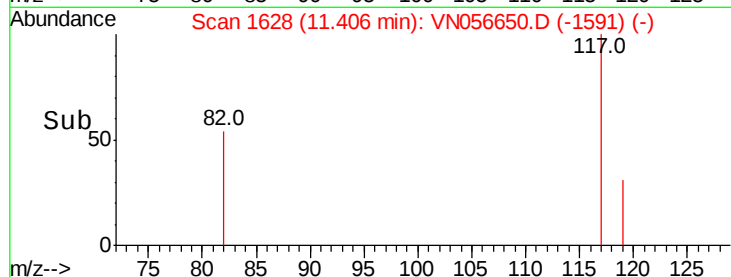
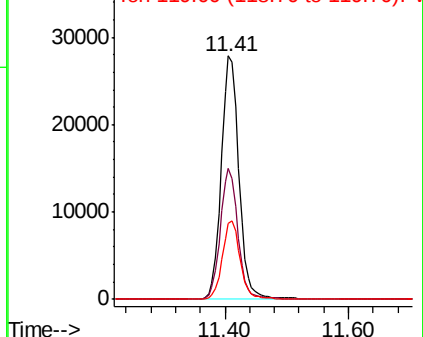
119 31.2 25.0 37.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VN056650.D

Acq: 10 Jul 2019 17:10

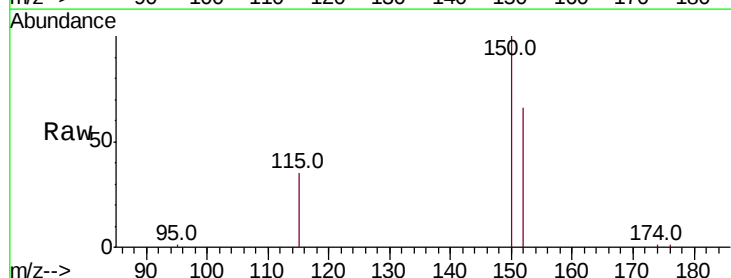
Tgt Ion:152 Resp: 13425

Ion Ratio Lower Upper

152 100

115 53.0 26.5 79.4

150 152.6 0.0 306.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

