

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056645.D
 Acq On : 10 Jul 2019 15:10
 Operator : JC/SP
 Sample : VN0710WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS02

Quant Time: Jul 11 07:18:35 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	50099	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	86245	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	56896	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	13749	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	28160	4.69	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	93.80%
5) Dibromofluoromethane	7.59	113	21666	4.76	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	95.20%
6) Toluene-d8	10.09	98	51318	4.66	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	93.20%
7) 4-Bromofluorobenzene	12.40	95	17686	4.48	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	89.60%

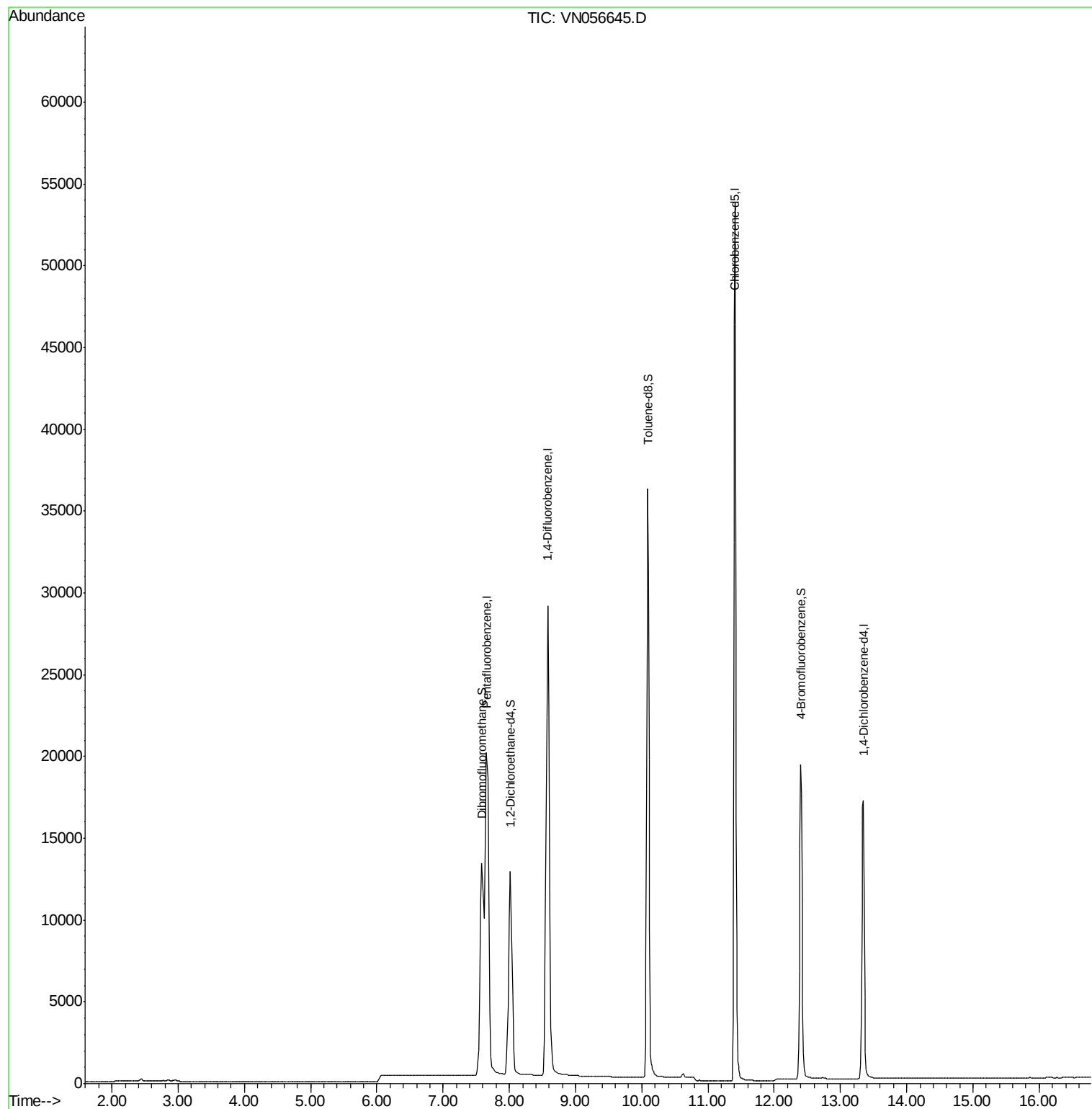
Target Compounds	Qvalue

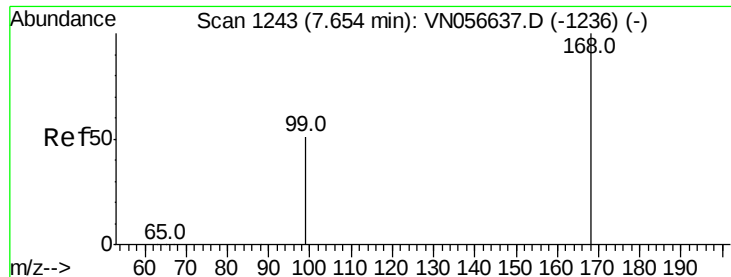
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN056645.D

Acq: 10 Jul 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

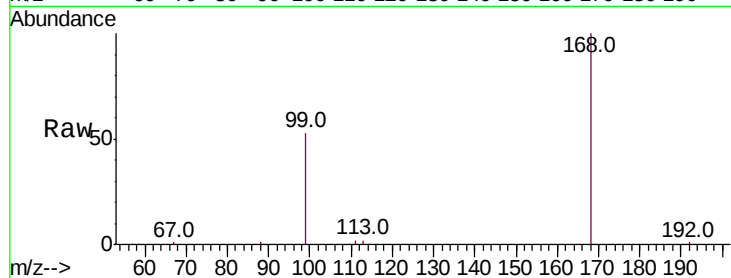
VN0710WBS02

Tot Ion:168 Resp: 50099

Ion Ratio Lower Upper

168 100

99 52.7 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN

7.65

15000

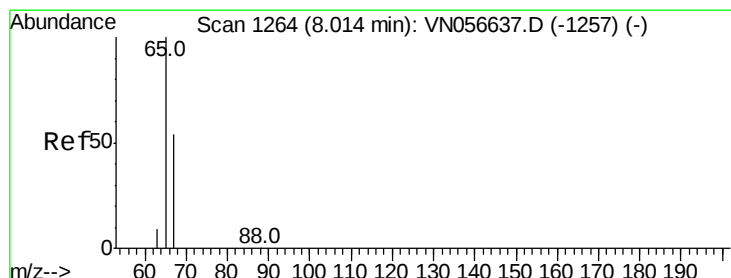
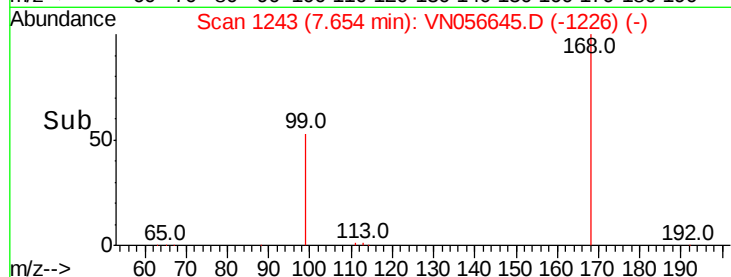
10000

5000

0

Time-->

7.40 7.60 7.80 8.00



#3

1,2-Dichloroethane-d4

Concen: 4.686 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056645.D

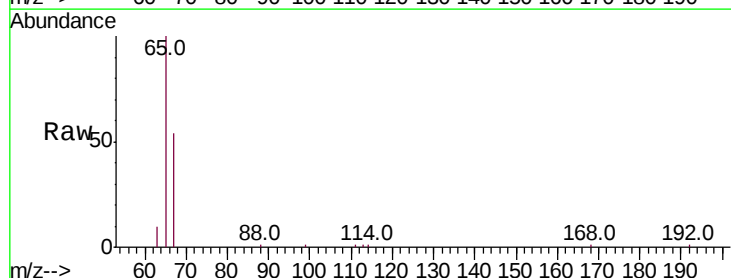
Acq: 10 Jul 2019 15:10

Tgt Ion: 65 Resp: 28160

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

8.01

8000

6000

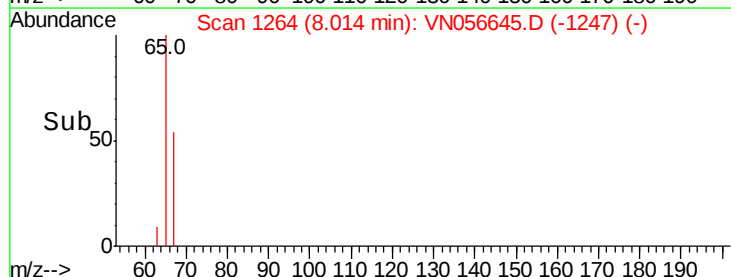
4000

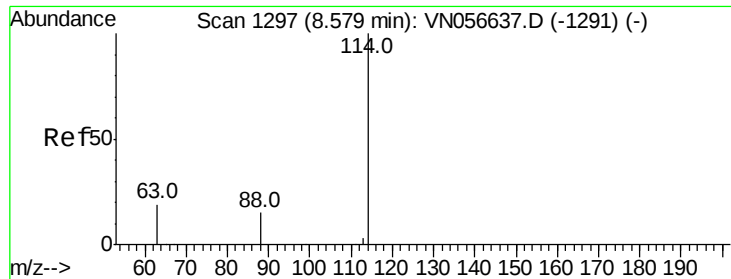
2000

0

Time-->

7.80 8.00 8.20

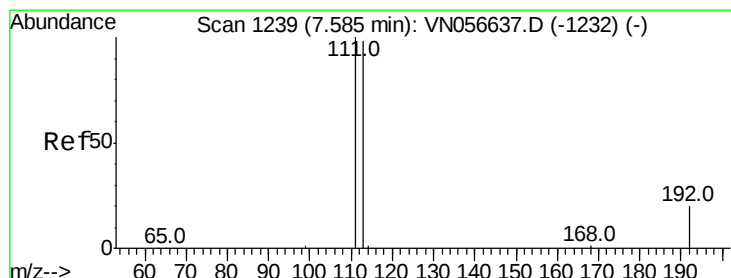
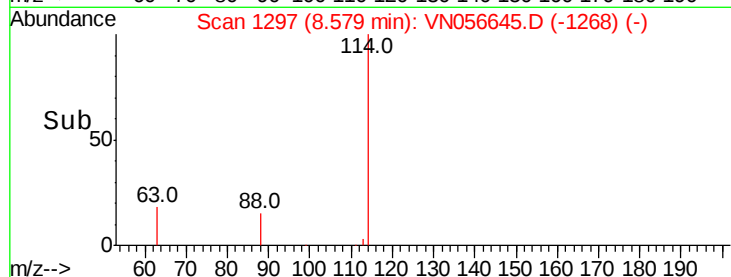
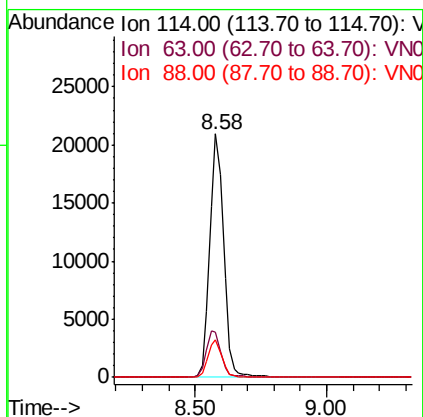
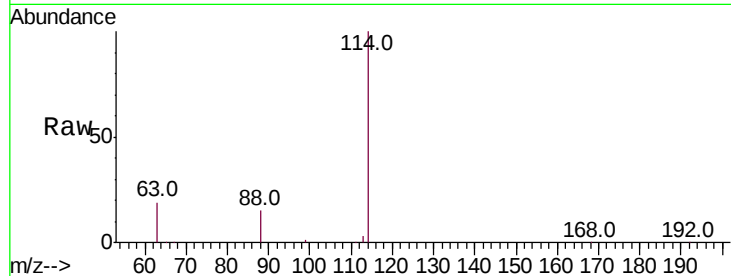




#4
 1,4-Difluorobenzene
 Concen: 5.000 ug/l
 RT: 8.58 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VN056645.D
 Acq: 10 Jul 2019 15:10

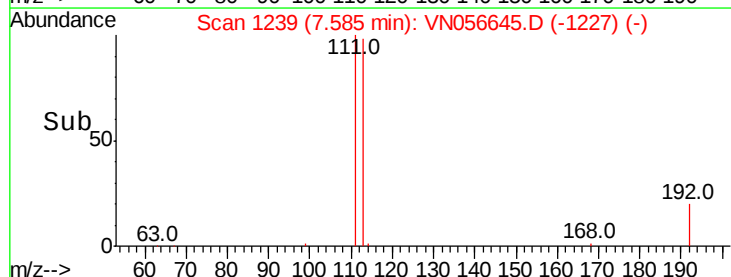
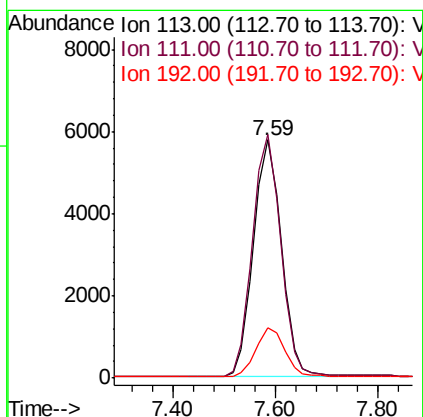
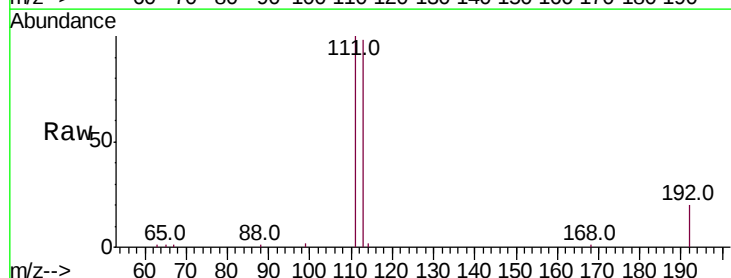
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS02

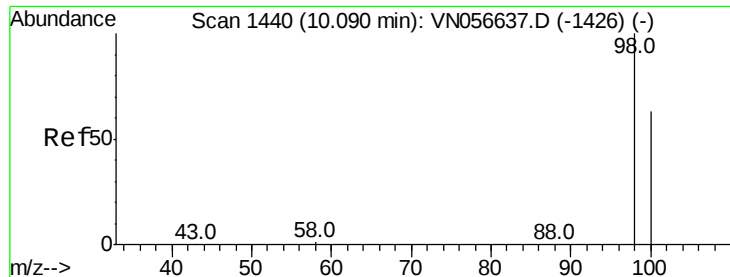
Tot Ion:114 Resp: 86245
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.3 0.0 30.8



#5
 Dibromofluoromethane
 Concen: 4.758 ug/l
 RT: 7.59 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VN056645.D
 Acq: 10 Jul 2019 15:10

Tgt Ion:113 Resp: 21666
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 20.9 16.9 25.3





#6

Toluene-d8

Concen: 4.660 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056645.D

Acq: 10 Jul 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

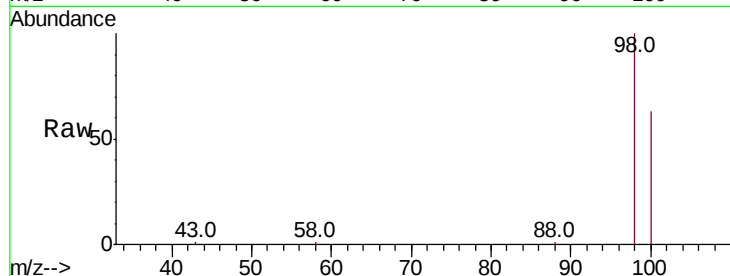
VN0710WBS02

Tot Ion: 98 Resp: 51318

Ion Ratio Lower Upper

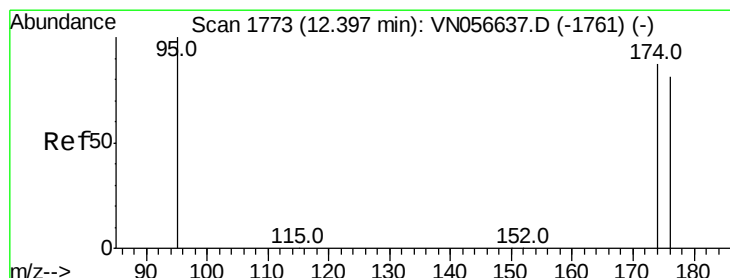
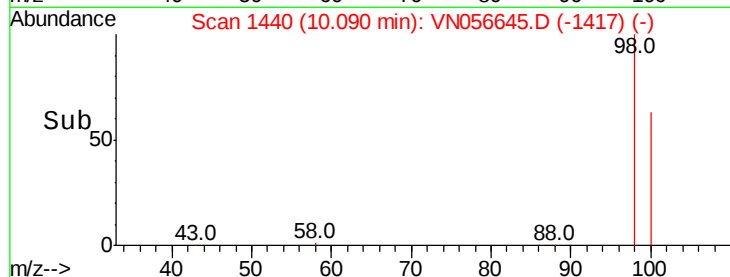
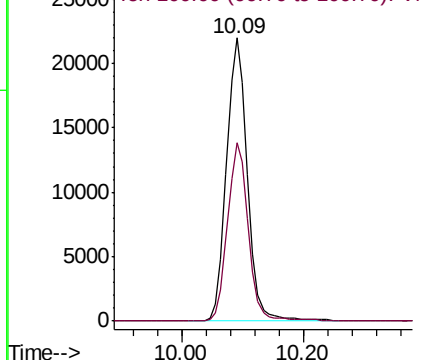
98 100

100 62.8 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: 4.483 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN056645.D

Acq: 10 Jul 2019 15:10

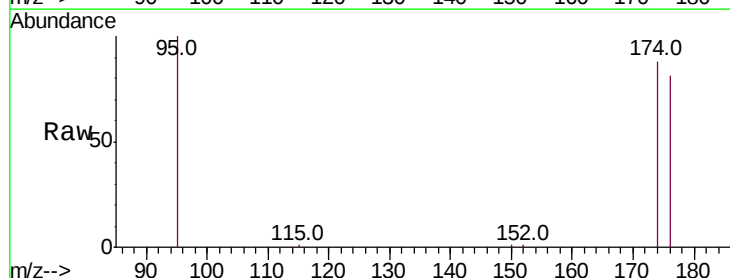
Tgt Ion: 95 Resp: 17686

Ion Ratio Lower Upper

95 100

174 87.6 0.0 174.2

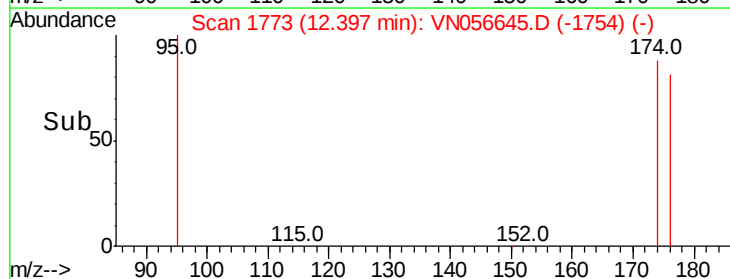
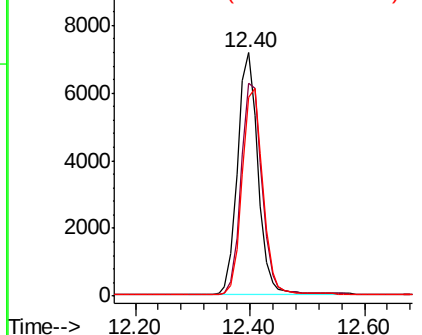
176 81.5 0.0 162.0

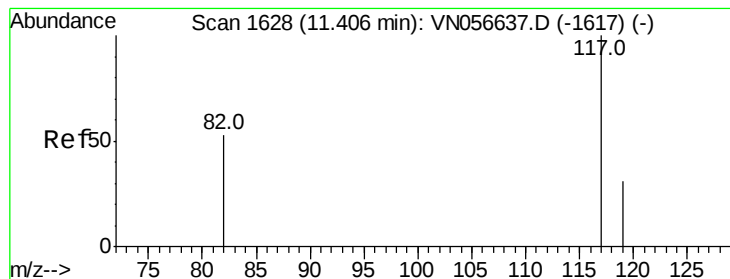


Abundance Ion 95.00 (94.70 to 95.70): VN0

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: VN056645.D

Acq: 10 Jul 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS02

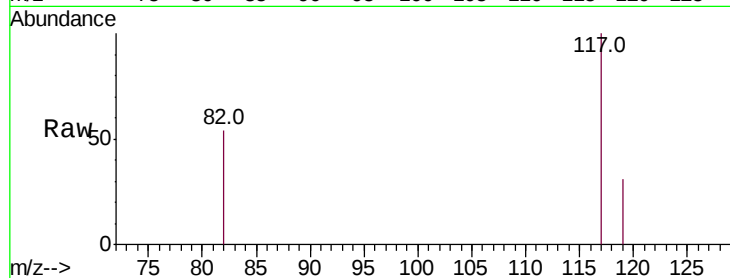
Tot Ion:117 Resp: 56896

Ion Ratio Lower Upper

117 100

82 53.6 42.6 63.8

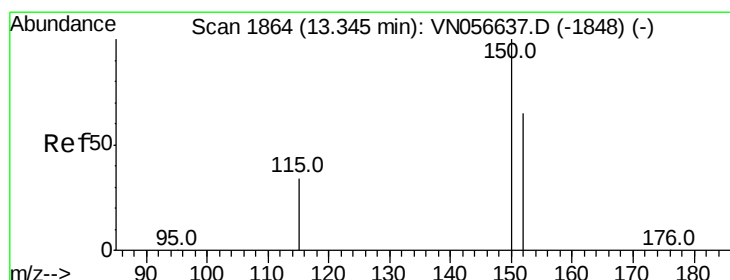
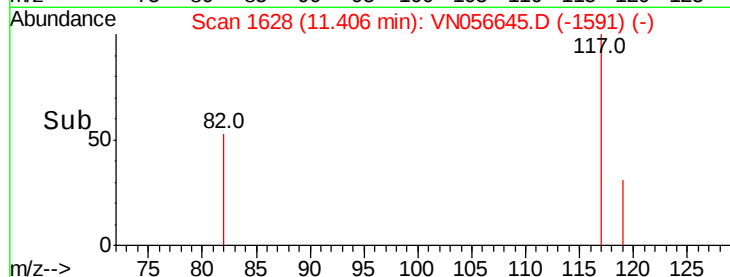
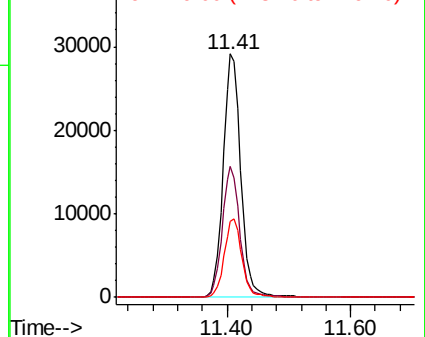
119 31.2 25.0 37.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN056645.D

Acq: 10 Jul 2019 15:10

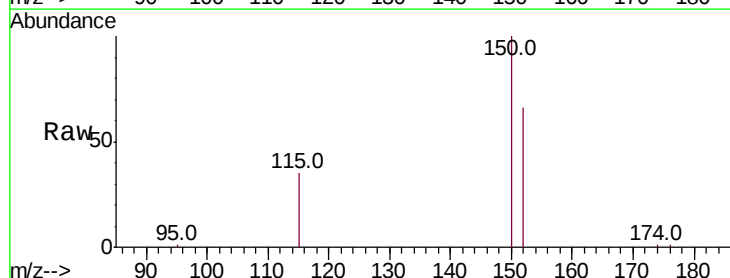
Tgt Ion:152 Resp: 13749

Ion Ratio Lower Upper

152 100

115 52.8 26.5 79.4

150 152.5 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

