

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056653.D
 Acq On : 10 Jul 2019 18:19
 Operator : JC/SP
 Sample : K3636-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0991

Quant Time: Jul 11 07:22:53 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	47709	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	73306	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	57082	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	14217	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	29010	5.07	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	101.40%
5) Dibromofluoromethane	7.59	113	22428	5.79	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	115.80%
6) Toluene-d8	10.09	98	52468	5.61	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	112.20%#
7) 4-Bromofluorobenzene	12.39	95	18421	5.49	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	109.80%

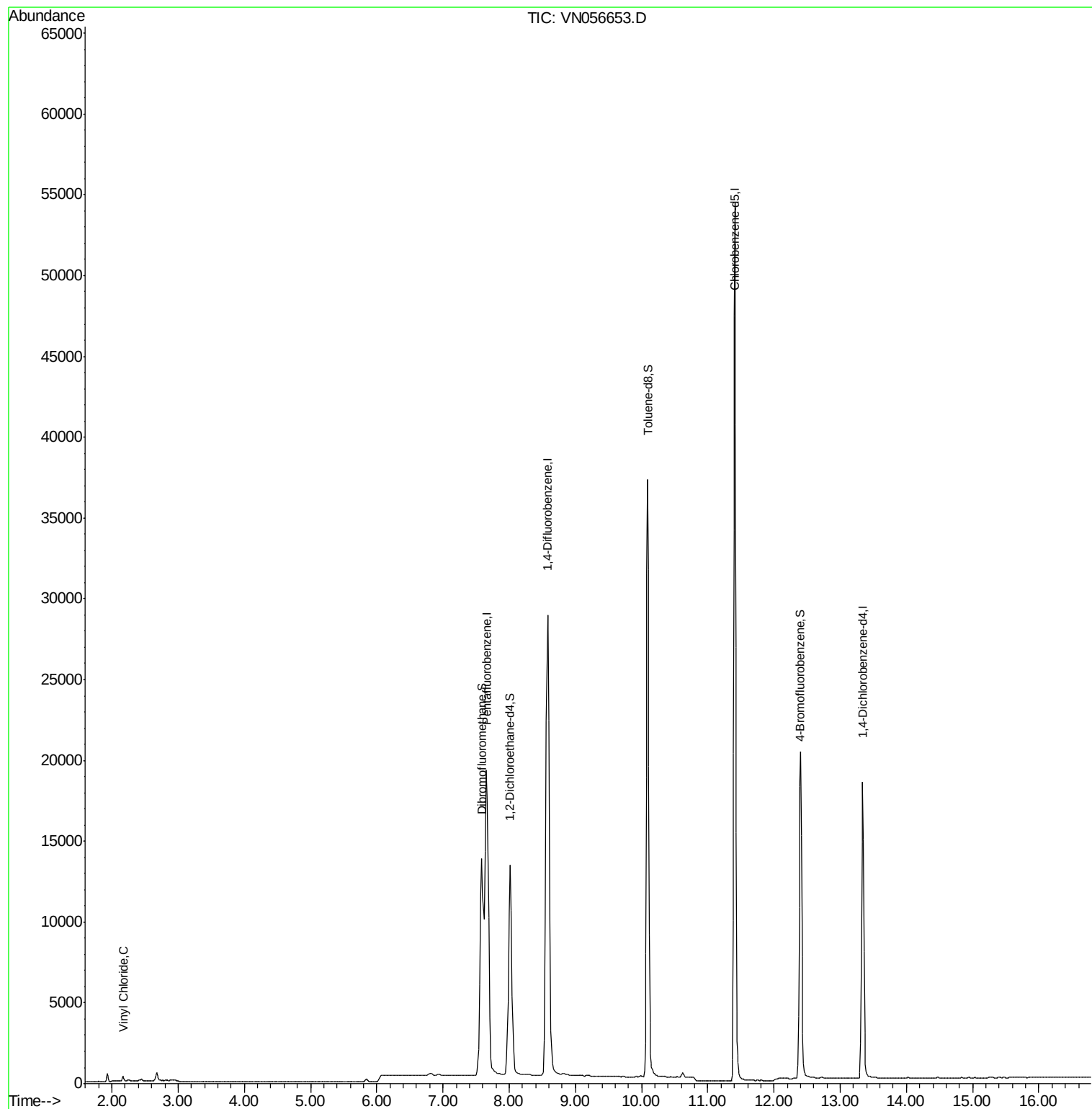
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	352	0.078 ug/l #	58

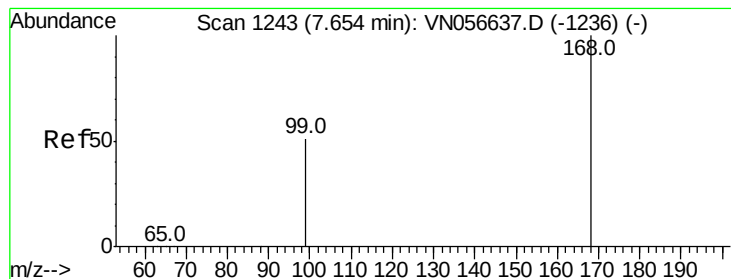
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056653.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

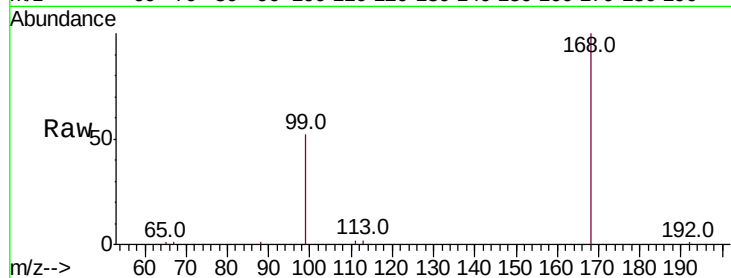
SP19-JMW0991

Tot Ion:168 Resp: 47709

Ion Ratio Lower Upper

168 100

99 52.1 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO

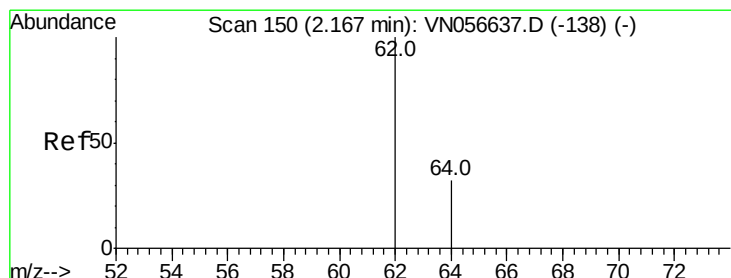
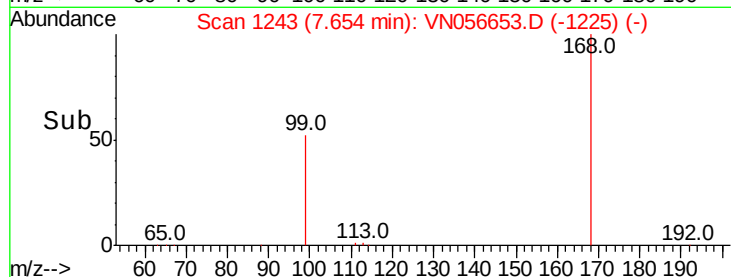
7.65

10000

5000

0

Time--> 7.40 7.60 7.80 8.00



#2

Vinyl Chloride

Concen: 0.078 ug/l

RT: 2.16 min Scan# 149

Delta R.T. -0.00 min

Lab File: VN056653.D

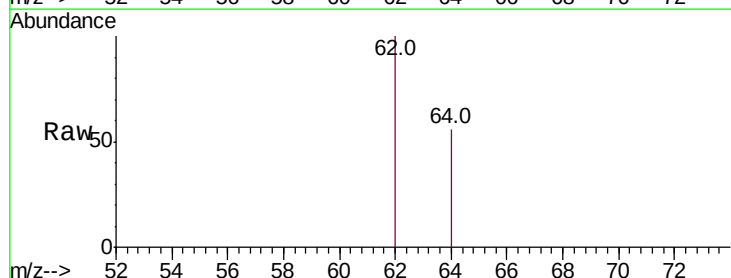
Acq: 10 Jul 2019 18:19

Tgt Ion: 62 Resp: 352

Ion Ratio Lower Upper

62 100

64 56.0 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO

2.16

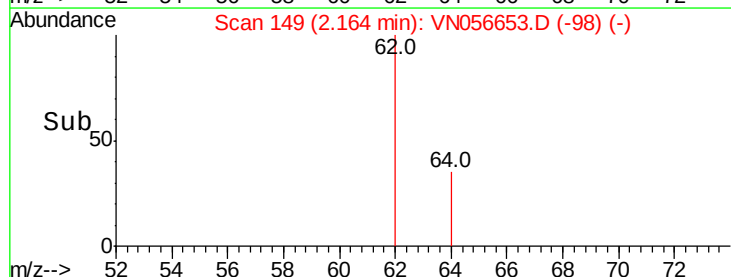
300

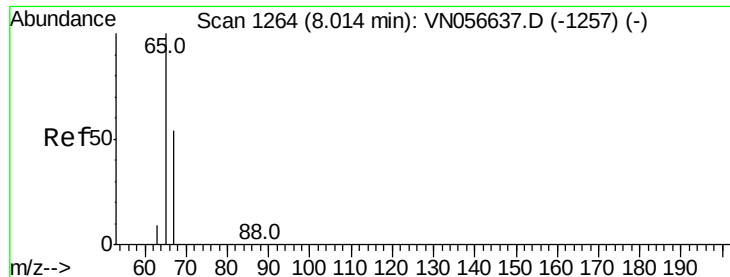
200

100

0

Time--> 2.10 2.15 2.20





#3

1,2-Dichloroethane-d4

Concen: 5.070 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056653.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

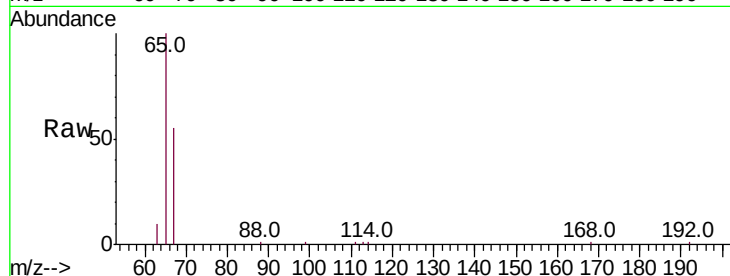
SP19-JMW0991

Tot Ion: 65 Resp: 29010

Ion Ratio Lower Upper

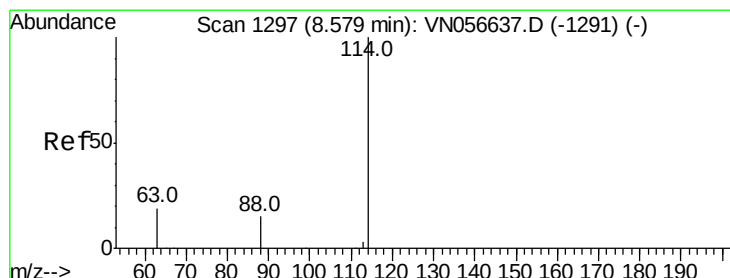
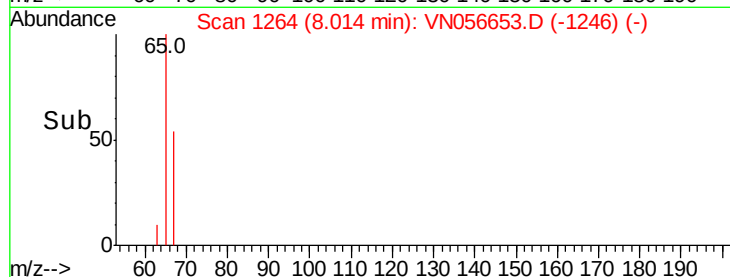
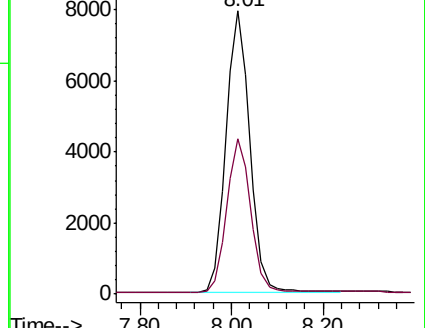
65 100

67 54.8 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056653.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056653.D (-1257) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056653.D

Acq: 10 Jul 2019 18:19

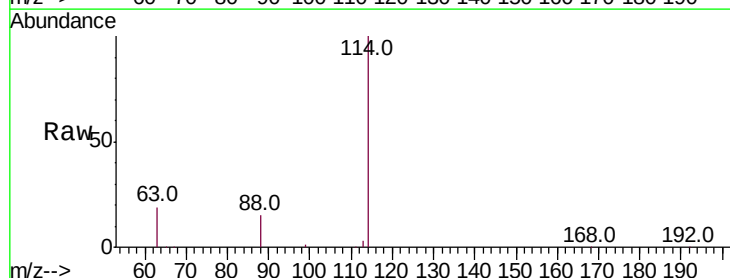
Tgt Ion: 114 Resp: 73306

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

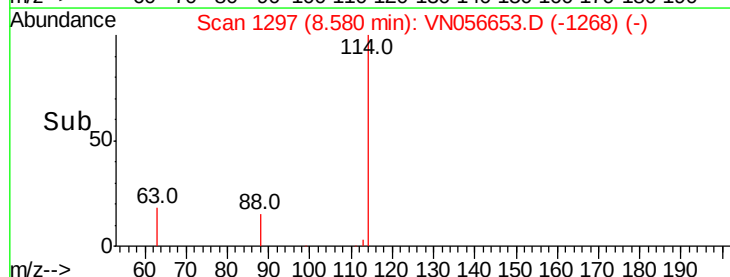
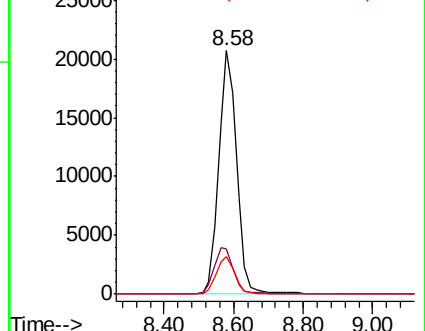
88 15.5 0.0 30.8

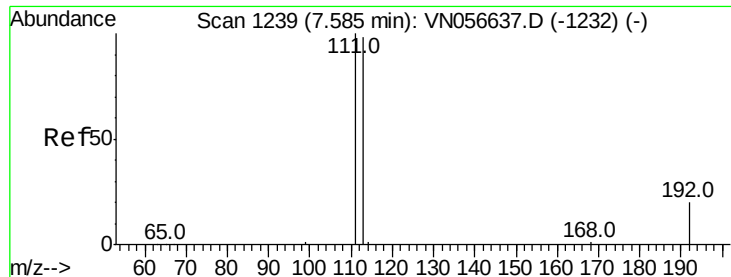


Abundance Ion 114.00 (113.70 to 114.70): VN056653.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056653.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056653.D (-1291) (-)





#5

Dibromofluoromethane

Concen: 5.795 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056653.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0991

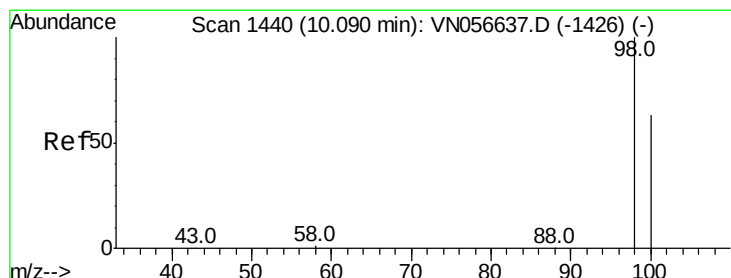
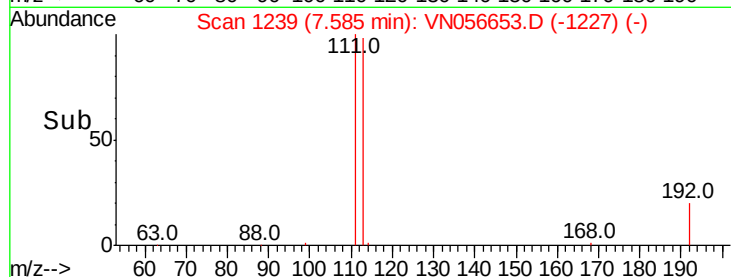
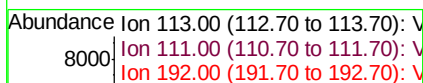
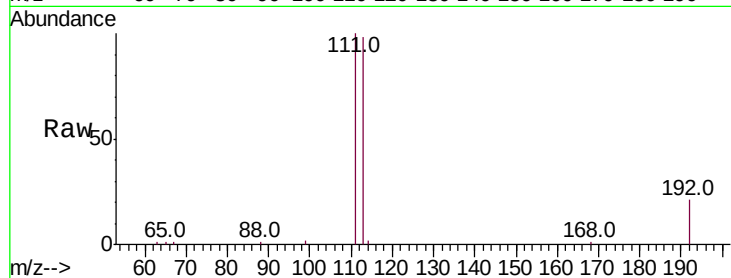
Tot Ion:113 Resp: 22428

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.2 16.9 25.3



#6

Toluene-d8

Concen: 5.606 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056653.D

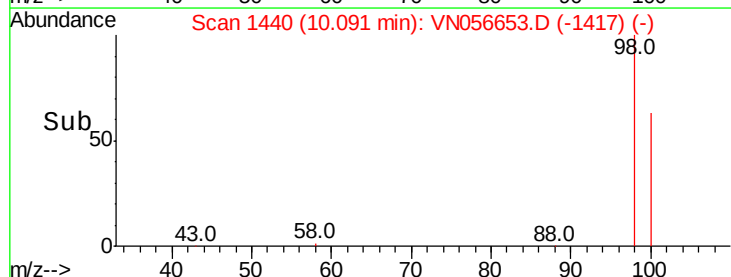
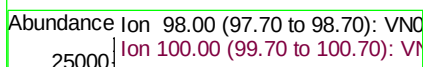
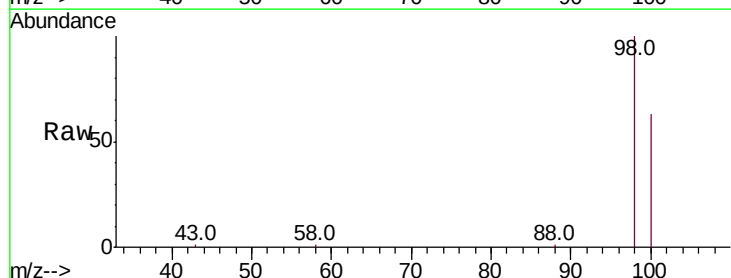
Acq: 10 Jul 2019 18:19

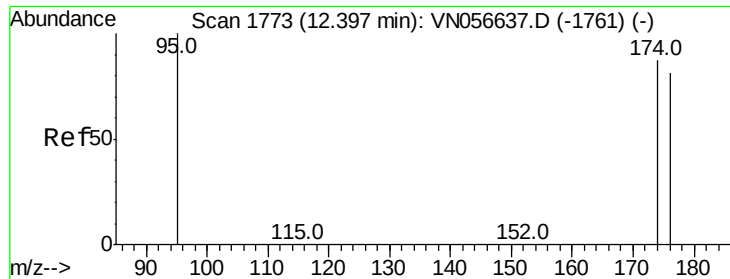
Tgt Ion: 98 Resp: 52468

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1





#7

4-Bromofluorobenzene

Concen: 5.494 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056653.D

Acq: 10 Jul 2019 18:19

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0991

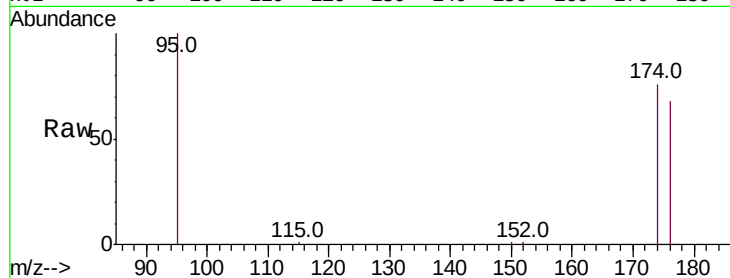
Tot Ion: 95 Resp: 18421

Ion Ratio Lower Upper

95 100

174 76.3 0.0 174.2

176 68.2 0.0 162.0

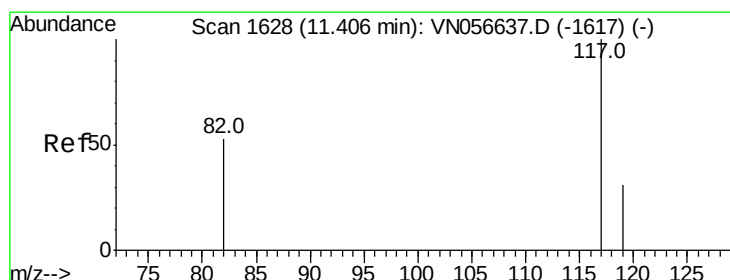
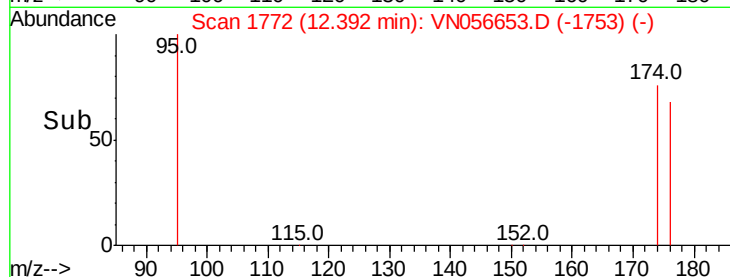


Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

Ion 174.00 (173.70 to 174.70): VN056637.D (-1761) (-)

Ion 176.00 (175.70 to 176.70): VN056637.D (-1761) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN056653.D

Acq: 10 Jul 2019 18:19

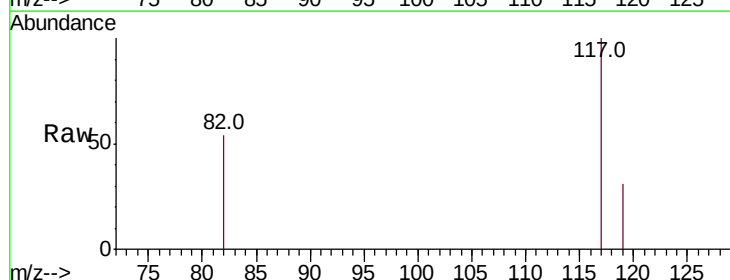
Tgt Ion: 117 Resp: 57082

Ion Ratio Lower Upper

117 100

82 53.6 42.6 63.8

119 31.4 25.0 37.6

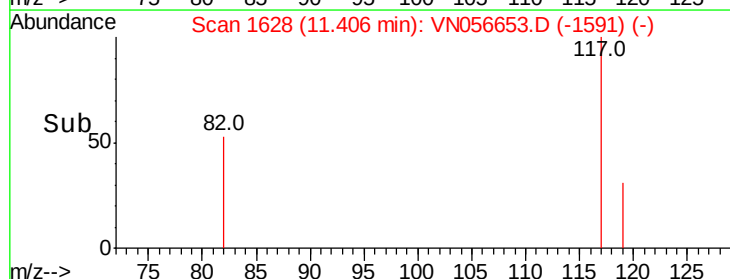


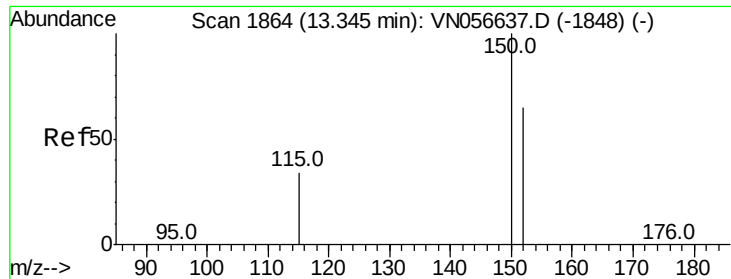
Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

Ion 82.00 (81.70 to 82.70): VN056637.D (-1617) (-)

Ion 119.00 (118.70 to 119.70): VN056637.D (-1617) (-)

Time-->



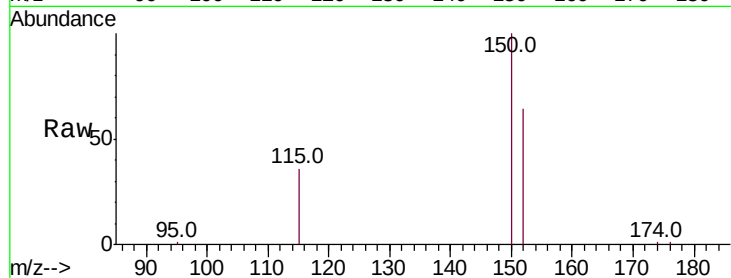


#9

1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.34 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VN056653.D
 Acq: 10 Jul 2019 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0991

Tot Ion:152 Resp: 14217
 Ion Ratio Lower Upper
 152 100
 115 56.1 26.5 79.4
 150 157.5 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

