

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056655.D
 Acq On : 10 Jul 2019 19:06
 Operator : JC/SP
 Sample : K3636-06MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-JMW0991MSD

Quant Time: Jul 11 07:23:51 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	48447	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	85040	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	56341	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	13785	5.00	ug/l	0.00

System Monitoring Compounds

3) 1,2-Dichloroethane-d4	8.01	65	29162	5.02	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	100.40%
5) Dibromofluoromethane	7.59	113	22303	4.97	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	99.40%
6) Toluene-d8	10.09	98	51891	4.78	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	95.60%
7) 4-Bromofluorobenzene	12.40	95	18043	4.64	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	92.80%

Target Compounds

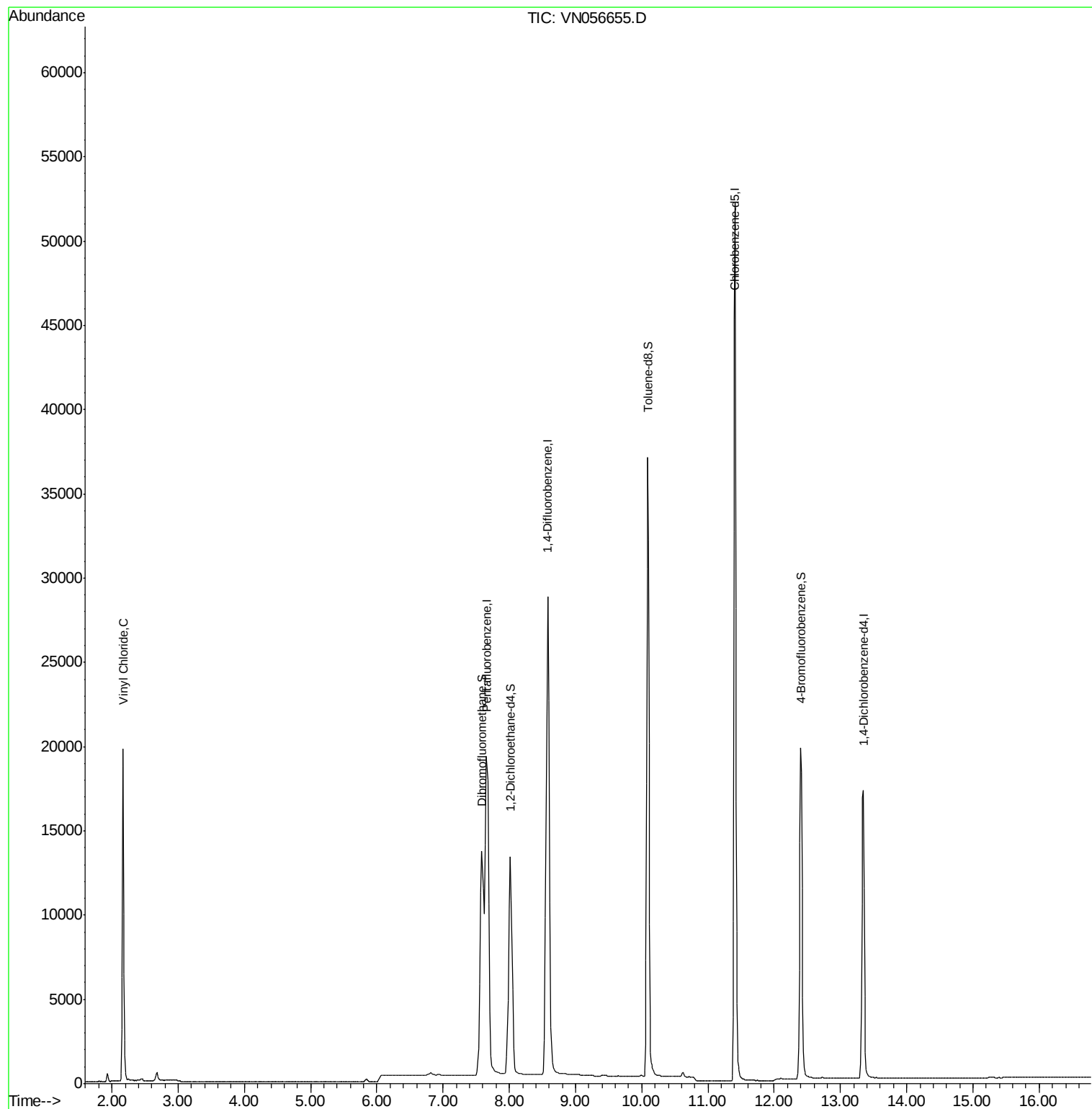
	R.T.	QIon	Response	Conc	Units	Qvalue
2) Vinyl Chloride	2.17	62	23566	5.170	ug/l	100

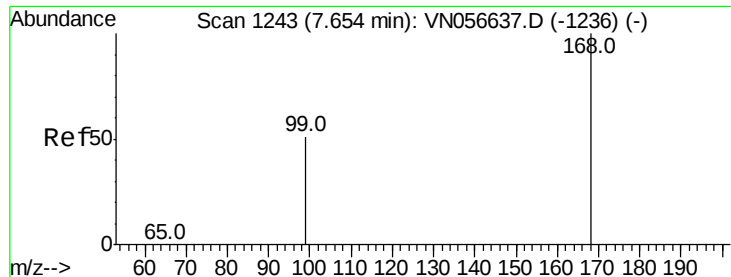
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056655.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

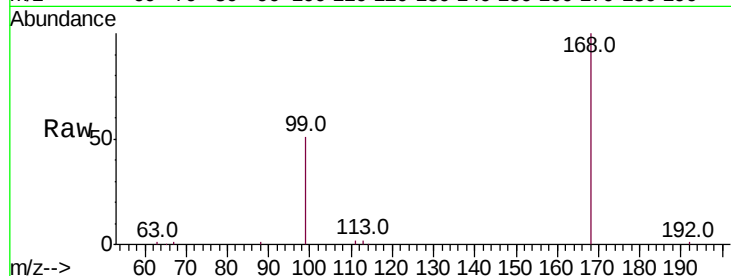
SP19-JMW0991MSD

Tot Ion:168 Resp: 48447

Ion Ratio Lower Upper

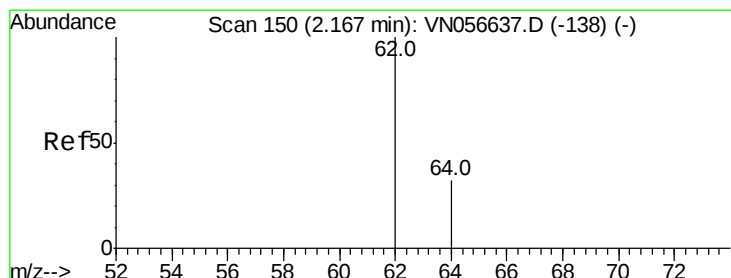
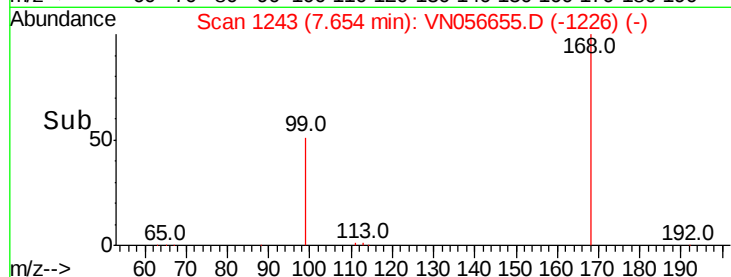
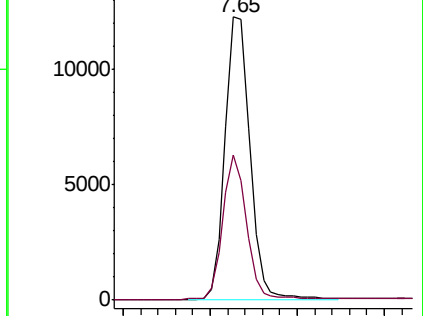
168 100

99 51.1 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VN



#2

Vinyl Chloride

Concen: 5.170 ug/l

RT: 2.17 min Scan# 150

Delta R.T. -0.00 min

Lab File: VN056655.D

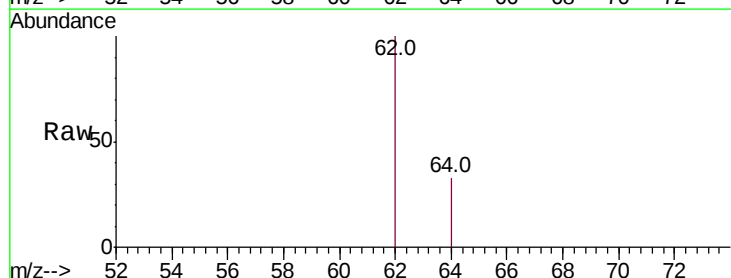
Acq: 10 Jul 2019 19:06

Tgt Ion: 62 Resp: 23566

Ion Ratio Lower Upper

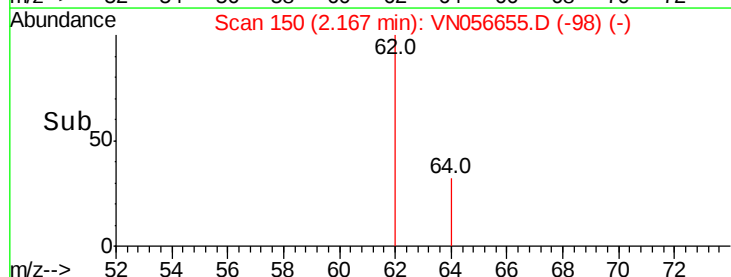
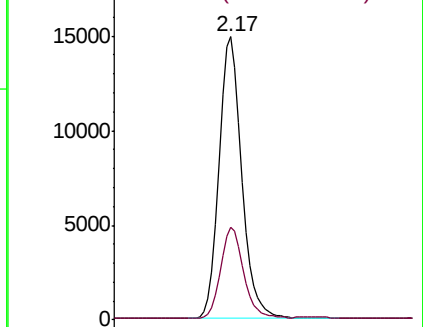
62 100

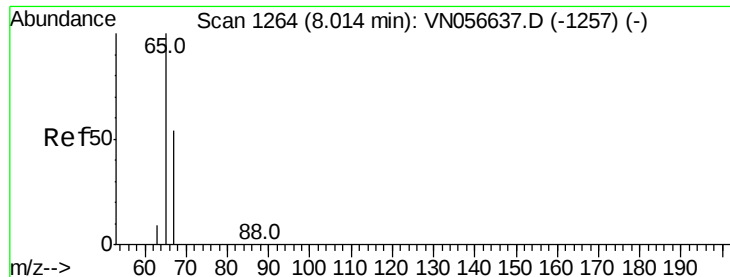
64 32.7 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VN

Ion 64.00 (63.70 to 64.70): VN





#3

1,2-Dichloroethane-d4

Concen: 5.019 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

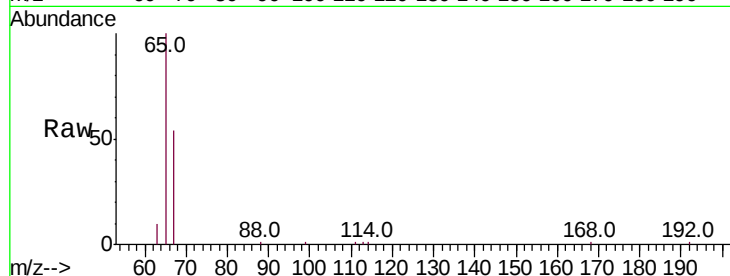
SP19-JMW0991MSD

Tot Ion: 65 Resp: 29162

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VN056637.D (-1257) (-)

Ion 67.00 (66.70 to 67.70): VN056637.D (-1257) (-)

8.01

8000

6000

4000

2000

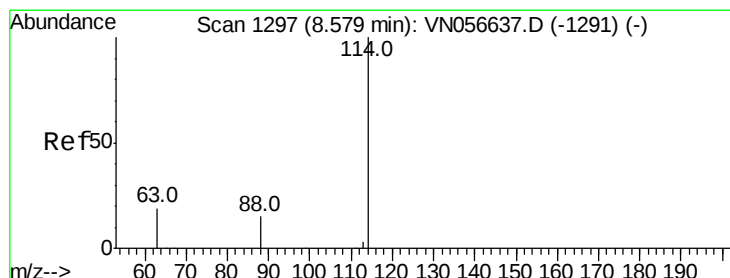
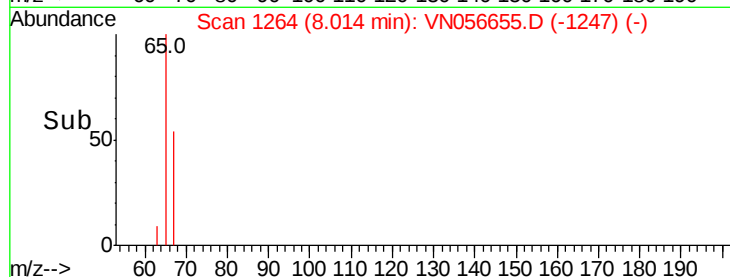
0

7.80

8.00

8.20

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

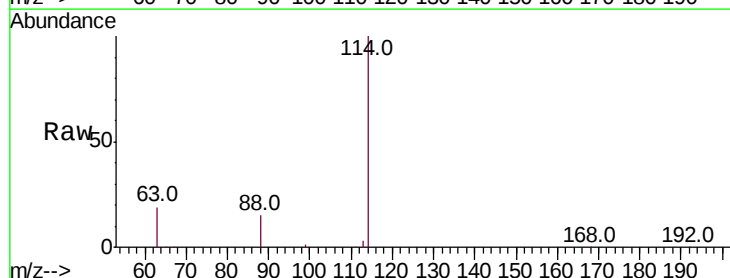
Tgt Ion: 114 Resp: 85040

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 15.4 0.0 30.8



Abundance Ion 114.00 (113.70 to 114.70): VN056637.D (-1291) (-)

Ion 63.00 (62.70 to 63.70): VN056637.D (-1291) (-)

Ion 88.00 (87.70 to 88.70): VN056637.D (-1291) (-)

8.58

25000

20000

15000

10000

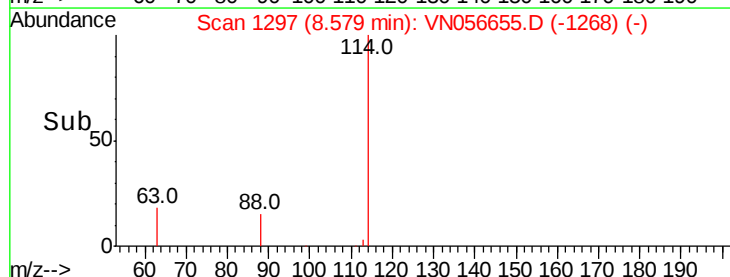
5000

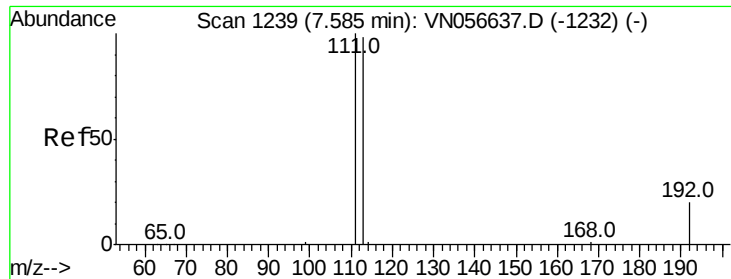
0

8.50

9.00

Time-->





#5

Dibromofluoromethane

Concen: 4.967 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0991MSD

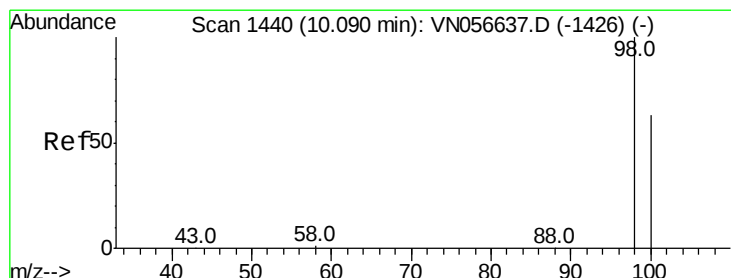
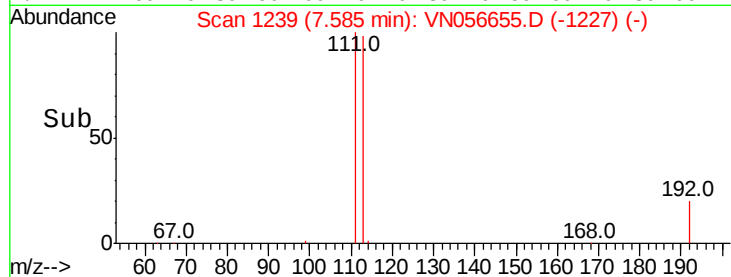
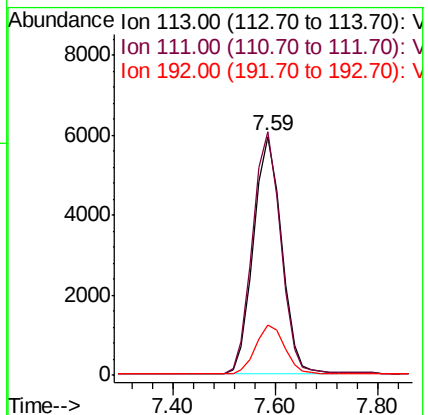
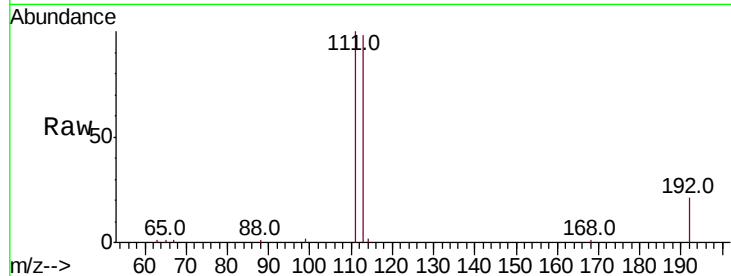
Tot Ion:113 Resp: 22303

Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 21.1 16.9 25.3



#6

Toluene-d8

Concen: 4.779 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VN056655.D

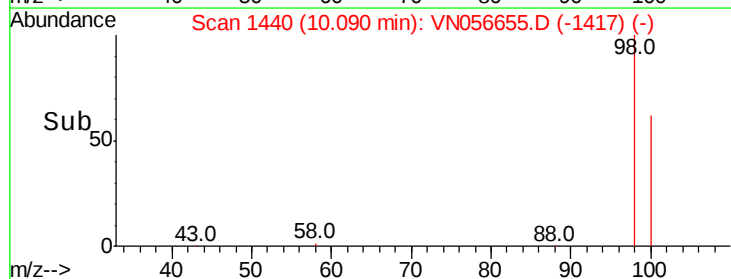
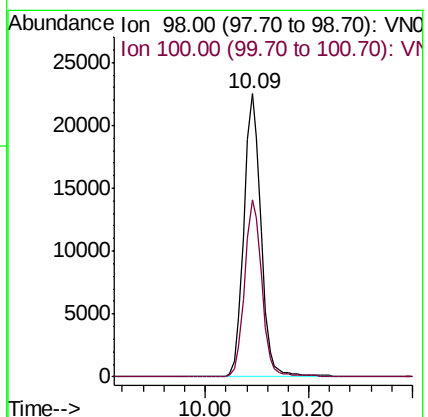
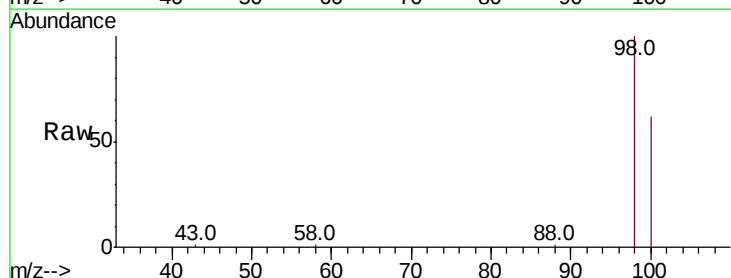
Acq: 10 Jul 2019 19:06

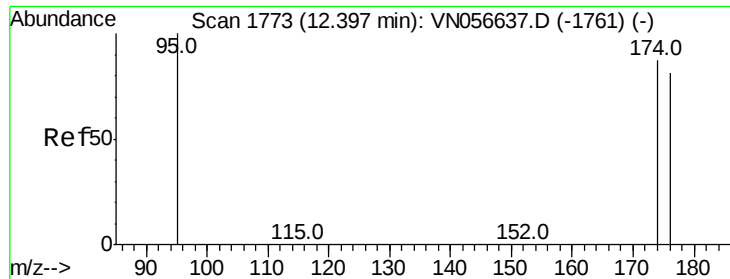
Tgt Ion: 98 Resp: 51891

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1





#7

4-Bromofluorobenzene

Concen: 4.639 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0991MSD

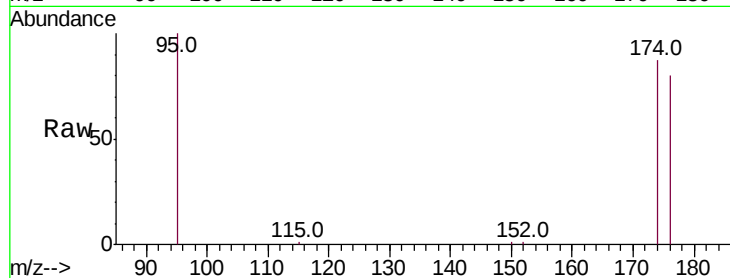
Tot Ion: 95 Resp: 18043

Ion Ratio Lower Upper

95 100

174 87.3 0.0 174.2

176 80.3 0.0 162.0

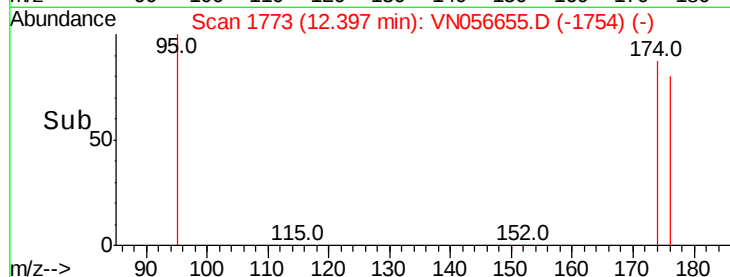


Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

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

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

Time-->

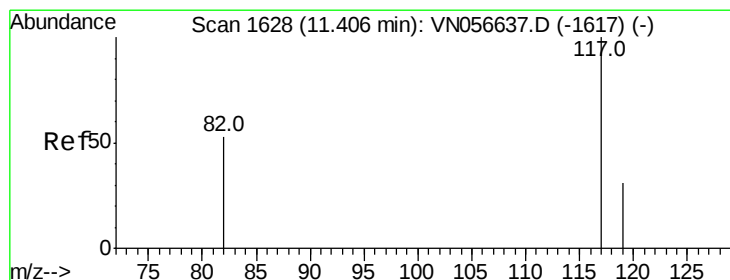


Abundance Ion 95.00 (94.70 to 95.70): VN056655.D (-1754) (-)

Ion 174.00 (173.70 to 174.70): VN056655.D (-1754) (-)

Ion 176.00 (175.70 to 176.70): VN056655.D (-1754) (-)

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

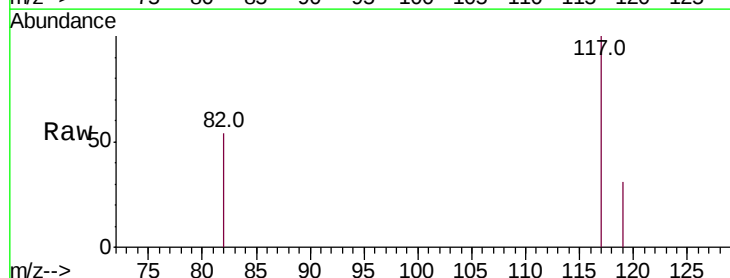
Tgt Ion: 117 Resp: 56341

Ion Ratio Lower Upper

117 100

82 53.5 42.6 63.8

119 31.3 25.0 37.6

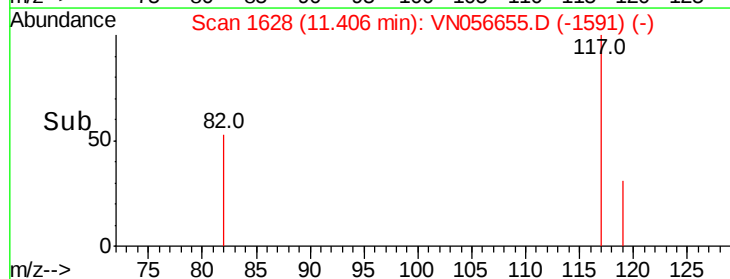


Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

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

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

Time-->

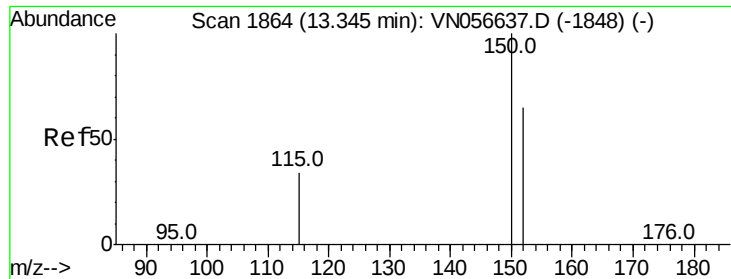


Abundance Ion 117.00 (116.70 to 117.70): VN056655.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VN056655.D (-1591) (-)

Ion 119.00 (118.70 to 119.70): VN056655.D (-1591) (-)

Time-->



#9

1,4-Dichlorobenzene-d4

Concen: 5.000 ug/l

RT: 13.35 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN056655.D

Acq: 10 Jul 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

SP19-JMW0991MSD

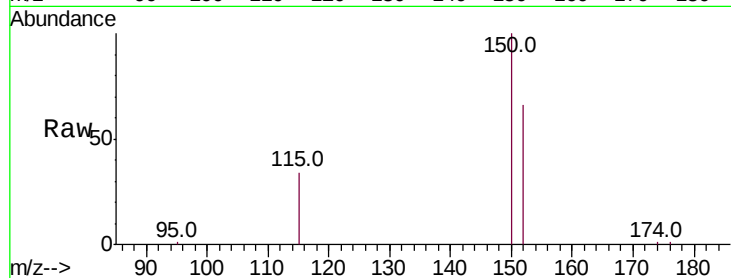
Tot Ion:152 Resp: 13785

Ion Ratio Lower Upper

152 100

115 51.9 26.5 79.4

150 152.0 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

