

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071019\
 Data File : VN056648.D
 Acq On : 10 Jul 2019 16:23
 Operator : JC/SP
 Sample : K3636-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP19-LF3MW4

Quant Time: Jul 11 07:20:04 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	49815	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.58	114	74963	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	57815	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.34	152	14035	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.01	65	28948	4.85	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	97.00%
5) Dibromofluoromethane	7.59	113	22181	5.60	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	112.00%
6) Toluene-d8	10.09	98	52622	5.50	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	110.00%
7) 4-Bromofluorobenzene	12.39	95	18247	5.32	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	106.40%

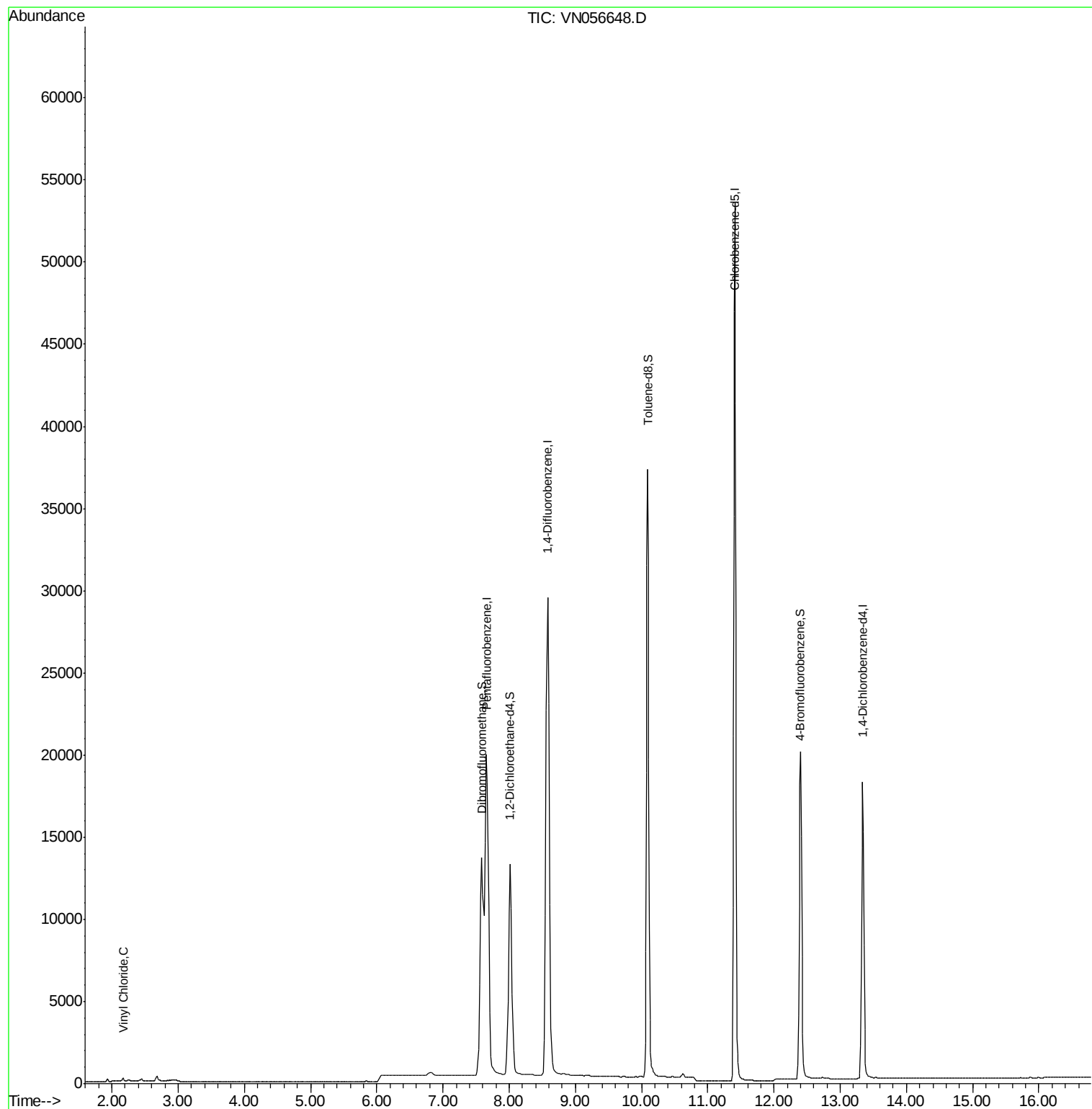
Target Compounds					Qvalue
2) Vinyl Chloride	2.17	62	235	0.050 ug/l #	37

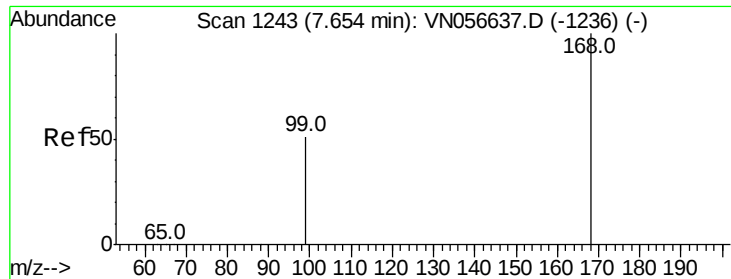
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056648.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

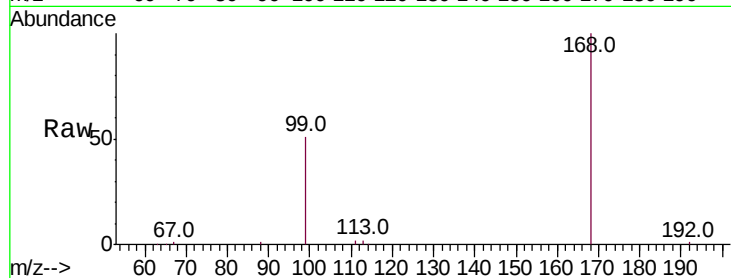
SP19-LF3MW4

Tot Ion:168 Resp: 49815

Ion Ratio Lower Upper

168 100

99 51.5 41.3 61.9



Abundance Ion 168.00 (167.70 to 168.70): VN056637.D (-1236) (-)

Ion 99.00 (98.70 to 99.70): VN056637.D (-1236) (-)

7.65

15000

10000

5000

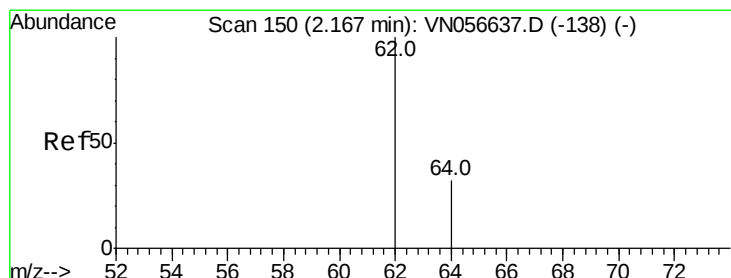
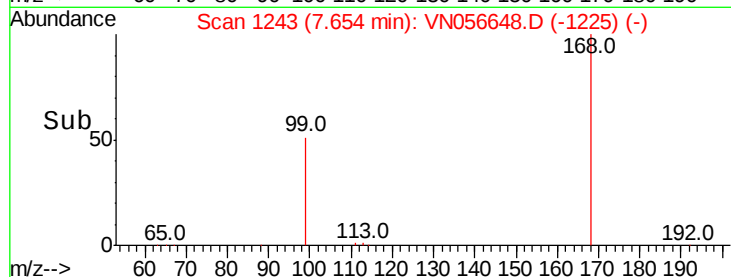
0

Time-->

7.40

7.60

7.80



#2

Vinyl Chloride

Concen: 0.050 ug/l

RT: 2.17 min Scan# 150

Delta R.T. 0.00 min

Lab File: VN056648.D

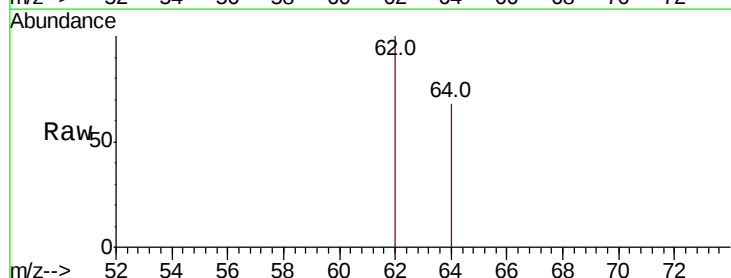
Acq: 10 Jul 2019 16:23

Tgt Ion: 62 Resp: 235

Ion Ratio Lower Upper

62 100

64 67.9 26.0 39.0#



Abundance Ion 62.00 (61.70 to 62.70): VN056637.D (-138) (-)

Ion 64.00 (63.70 to 64.70): VN056637.D (-138) (-)

2.17

250

200

150

100

50

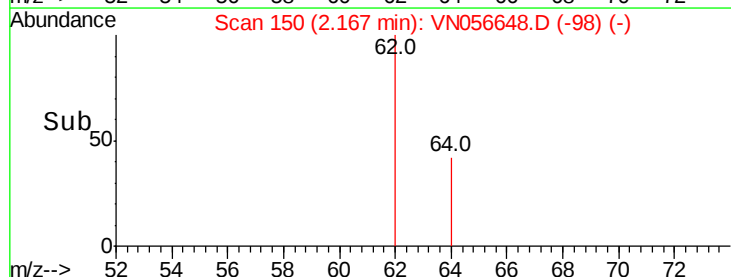
0

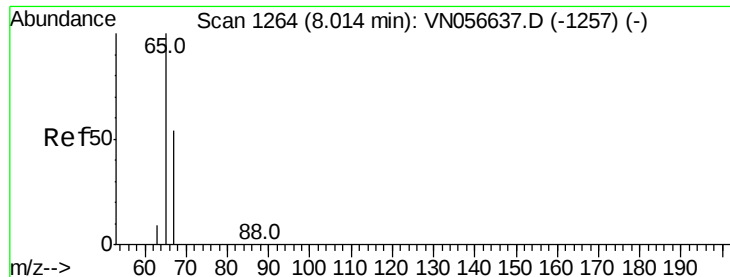
Time-->

2.10

2.15

2.20





#3

1,2-Dichloroethane-d4

Concen: 4.845 ug/l

RT: 8.01 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN056648.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

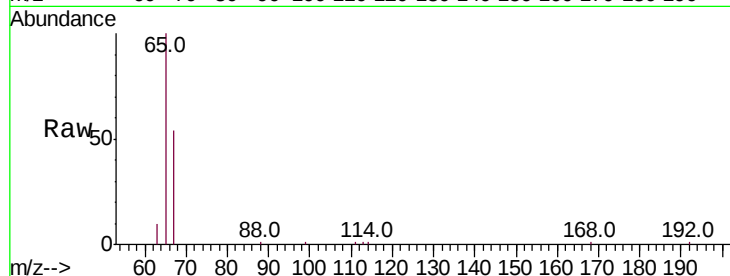
SP19-LF3MW4

Tot Ion: 65 Resp: 28948

Ion Ratio Lower Upper

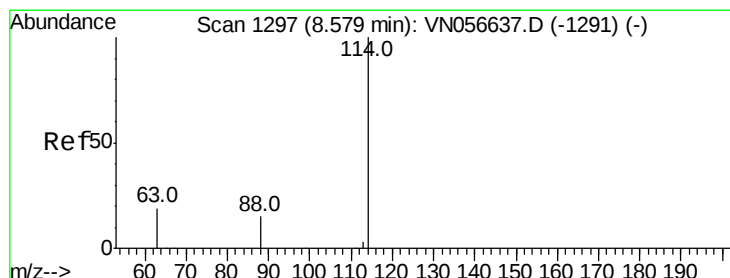
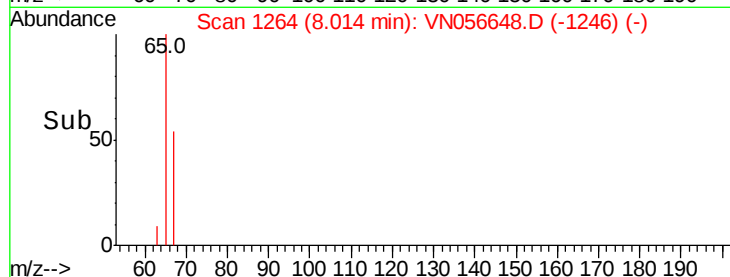
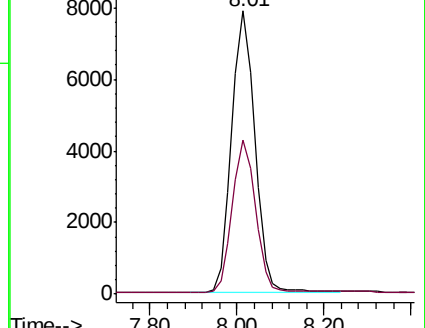
65 100

67 54.3 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) (-)



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.58 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VN056648.D

Acq: 10 Jul 2019 16:23

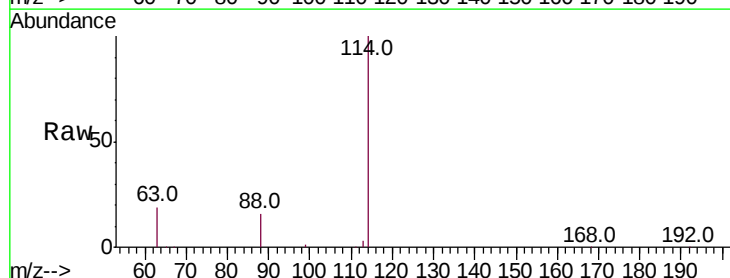
Tgt Ion: 114 Resp: 74963

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

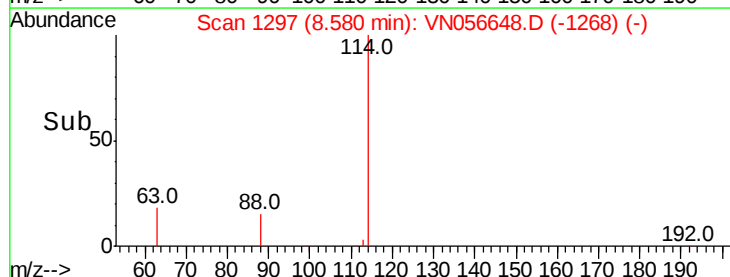
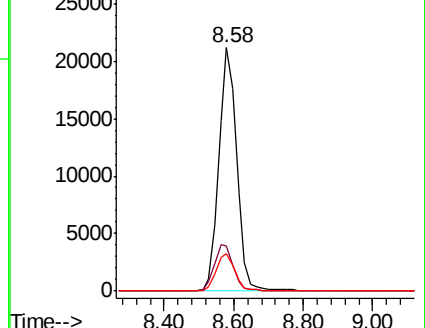
88 15.6 0.0 30.8

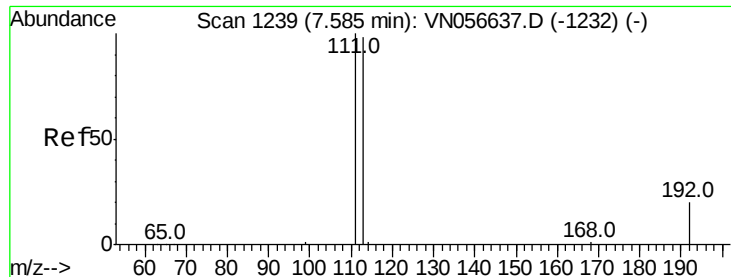


Abundance Ion 114.00 (113.70 to 114.70): VN056637.D (-1291) (-)

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

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





#5

Dibromofluoromethane

Concen: 5.604 ug/l

RT: 7.59 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VN056648.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3MW4

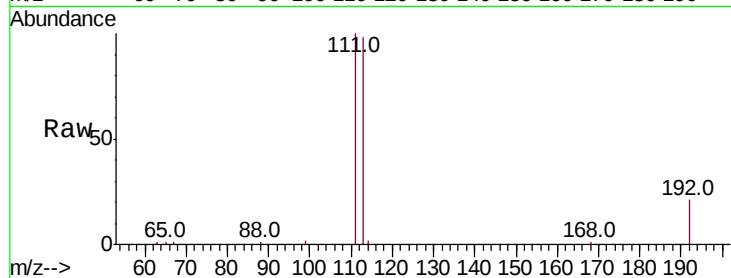
Tot Ion:113 Resp: 22181

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

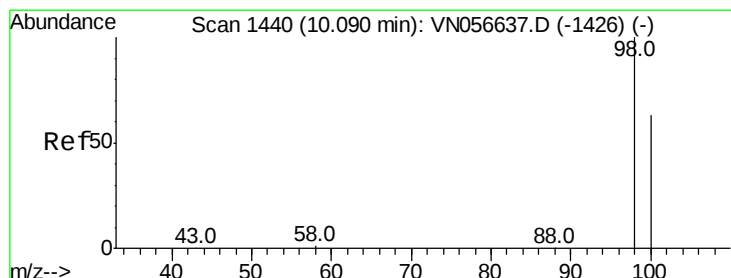
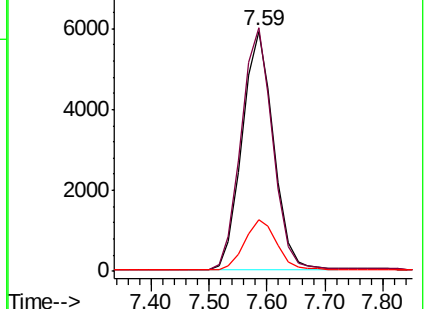
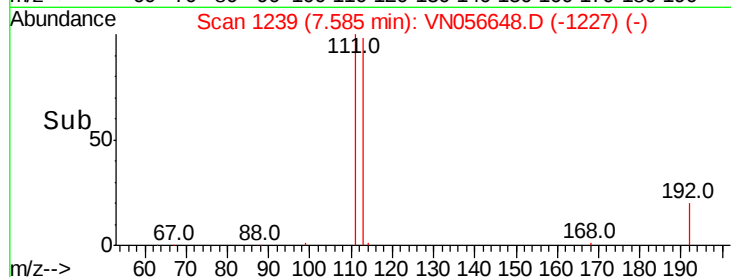
192 21.4 16.9 25.3



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: 5.498 ug/l

RT: 10.09 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VN056648.D

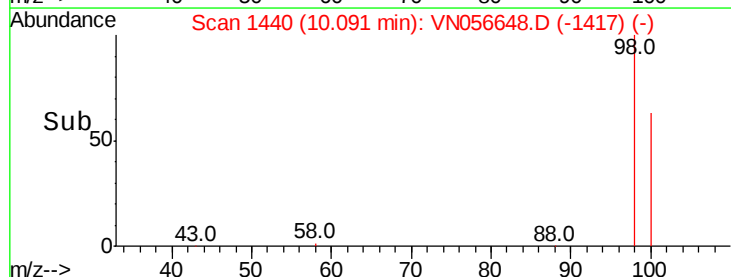
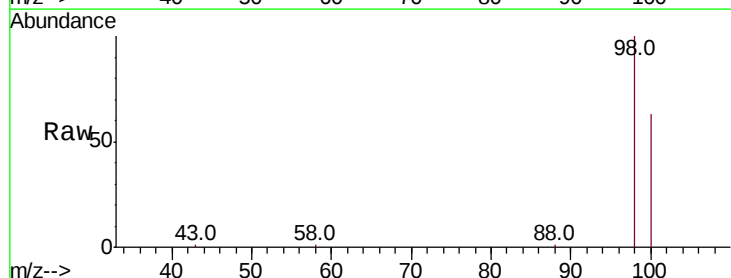
Acq: 10 Jul 2019 16:23

Tgt Ion: 98 Resp: 52622

Ion Ratio Lower Upper

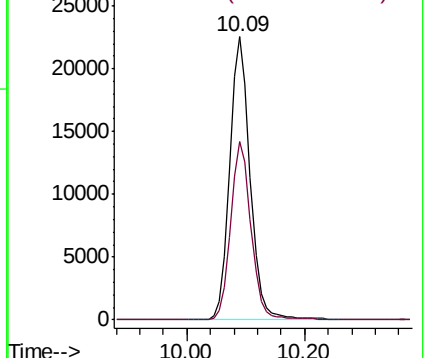
98 100

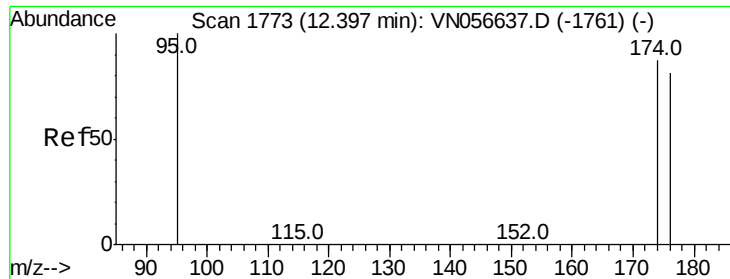
100 63.0 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.322 ug/l

RT: 12.39 min Scan# 1772

Delta R.T. -0.01 min

Lab File: VN056648.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3MW4

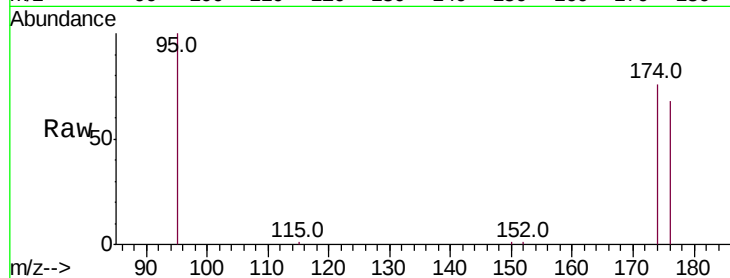
Tot Ion: 95 Resp: 18247

Ion Ratio Lower Upper

95 100

174 75.6 0.0 174.2

176 68.1 0.0 162.0

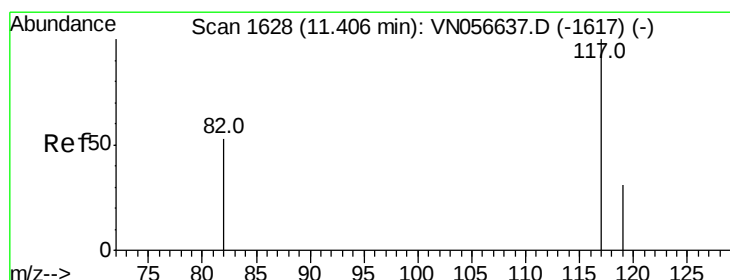
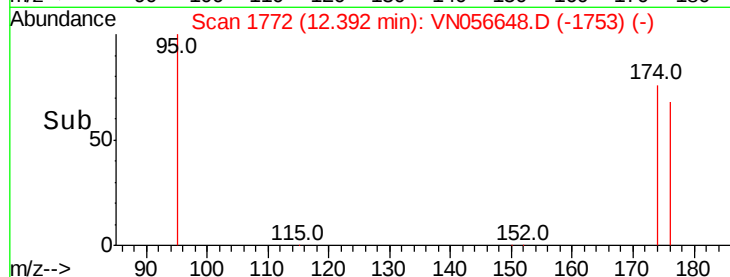


Abundance Ion 95.00 (94.70 to 95.70): VN056637.D (-1761) (-)

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: VN056648.D

Acq: 10 Jul 2019 16:23

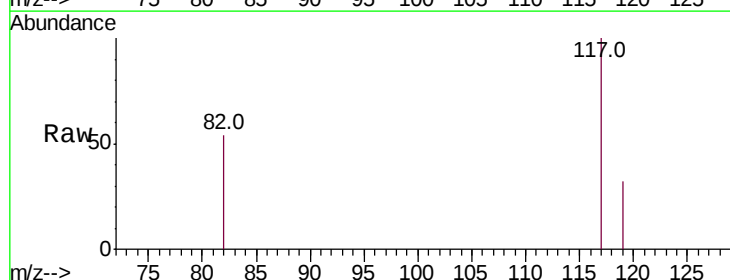
Tgt Ion: 117 Resp: 57815

Ion Ratio Lower Upper

117 100

82 53.9 42.6 63.8

119 31.6 25.0 37.6

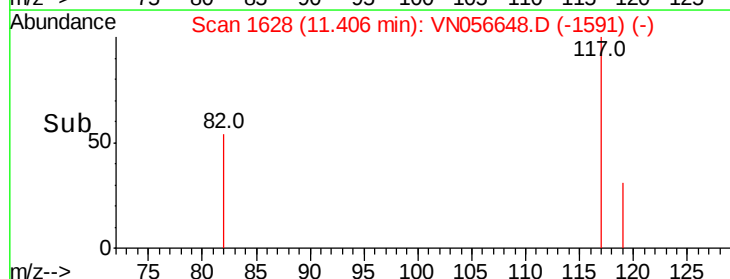


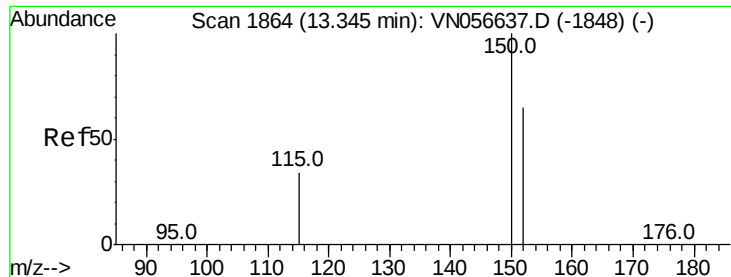
Abundance Ion 117.00 (116.70 to 117.70): VN056637.D (-1617) (-)

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: VN056648.D

Acq: 10 Jul 2019 16:23

Instrument :

MSVOA_N

ClientSampleId :

SP19-LF3MW4

Tot Ion:152 Resp: 14035

Ion Ratio Lower Upper

152 100

115 56.2 26.5 79.4

150 157.3 0.0 306.0

