

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058604.D
 Acq On : 8 Oct 2019 12:54
 Operator : JC/SP
 Sample : K5111-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Quant Time: Oct 09 04:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 04:07:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	2670901	5.00	ug/l	-0.02
4) 1,4-Difluorobenzene	8.56	114	3876226	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3411953	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1380274	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1691577	5.30	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	106.00%
5) Dibromofluoromethane	7.57	113	1306693	5.35	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	107.00%
6) Toluene-d8	10.08	98	2974743	5.39	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	107.80%
7) 4-Bromofluorobenzene	12.40	95	1415357	5.24	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	104.80%

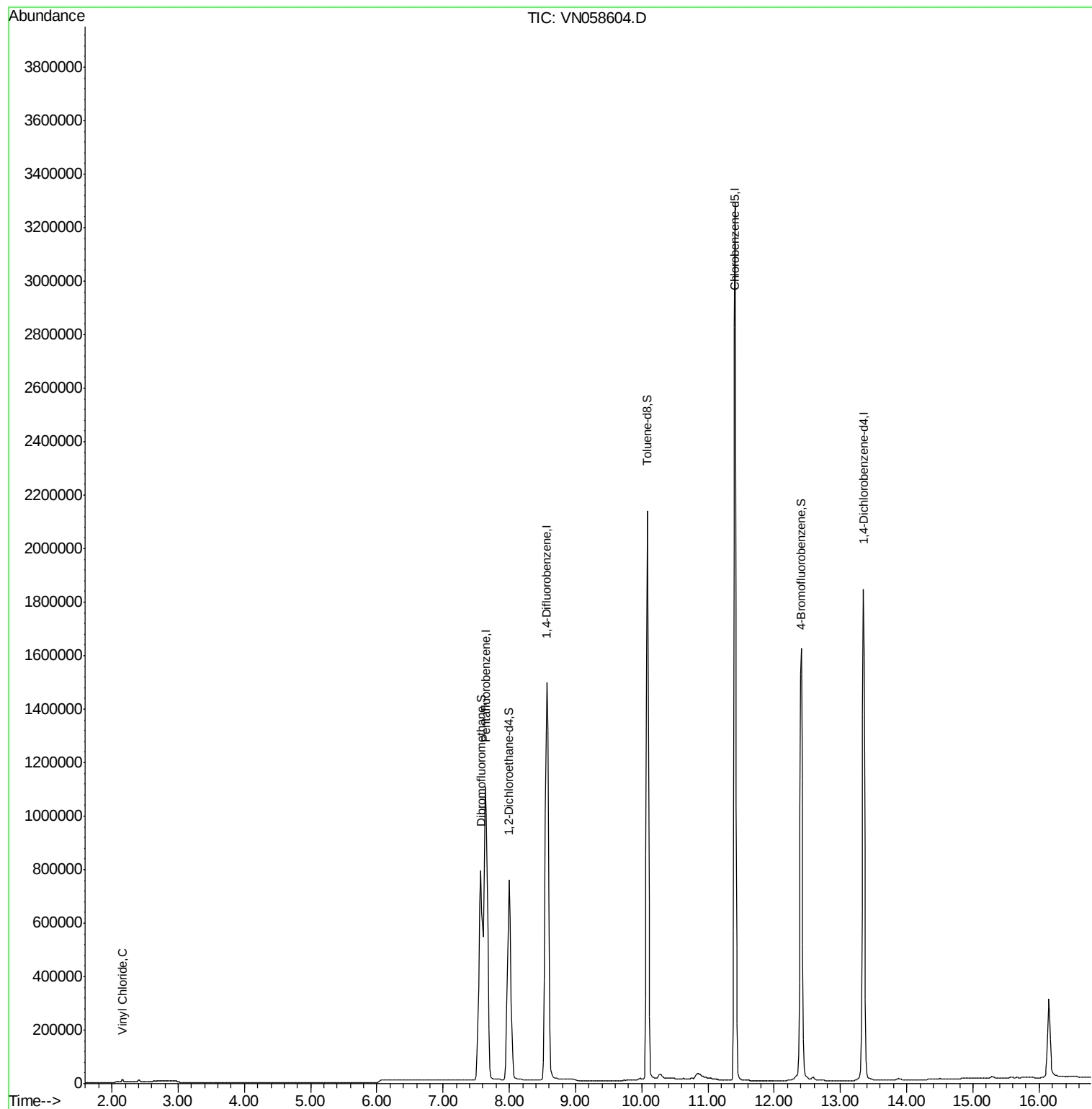
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	12683	0.047 ug/l #	66

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

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#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.64 min Scan# 1242

Delta R.T. -0.02 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

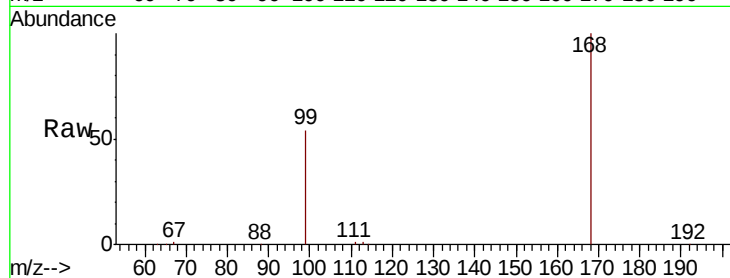
LOD-MDL-WATER-01-QT4-2019

Tot Ion:168 Resp: 2670901

Ion Ratio Lower Upper

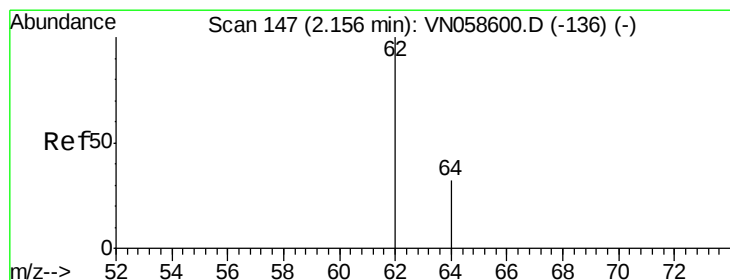
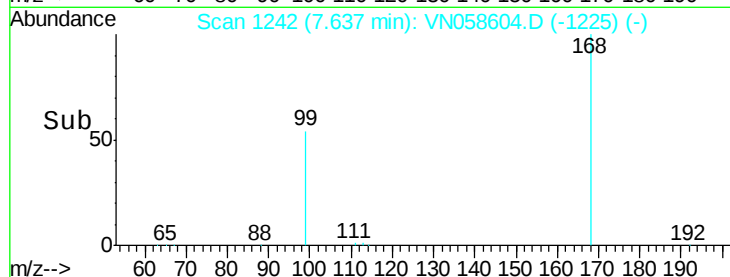
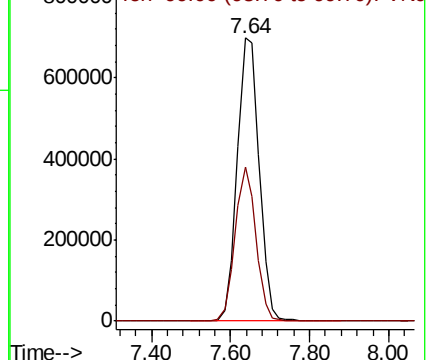
168 100

99 54.4 36.8 55.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VNO



#2

Vinyl Chloride

Concen: 0.047 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058604.D

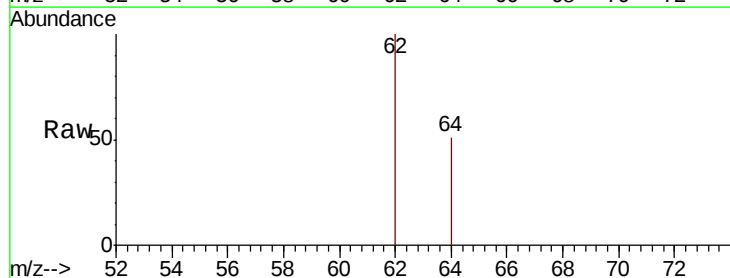
Acq: 8 Oct 2019 12:54

Tgt Ion: 62 Resp: 12683

Ion Ratio Lower Upper

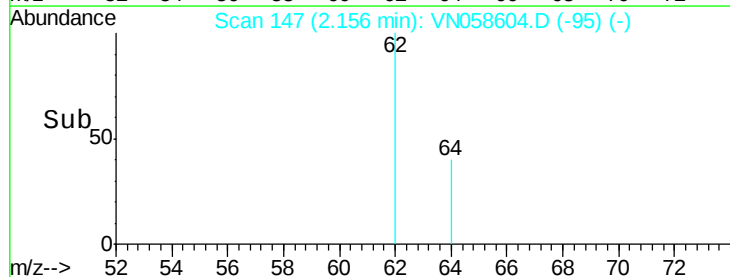
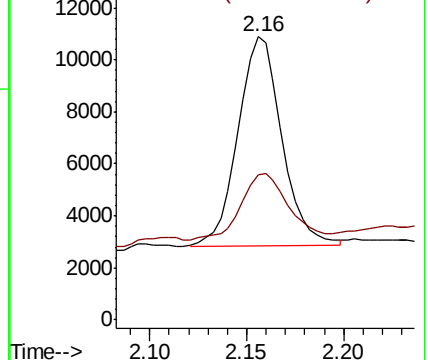
62 100

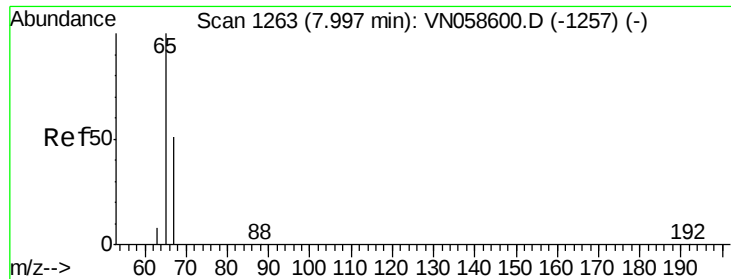
64 51.3 25.8 38.6#



Abundance Ion 62.00 (61.70 to 62.70): VNO

Ion 64.00 (63.70 to 64.70): VNO





#3

1,2-Dichloroethane-d4

Concen: 5.301 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

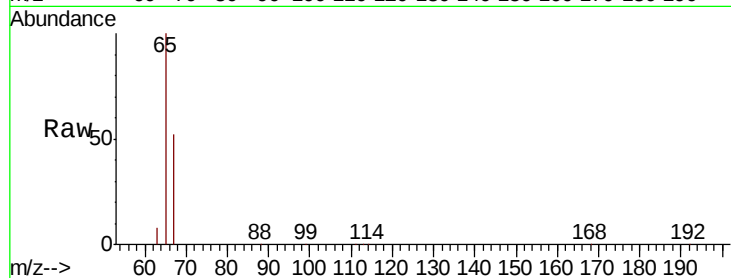
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 65 Resp: 1691577

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058604.D (-1245) (-)

Ion 67.00 (66.70 to 67.70): VN058604.D (-1245) (-)

8.00

500000

400000

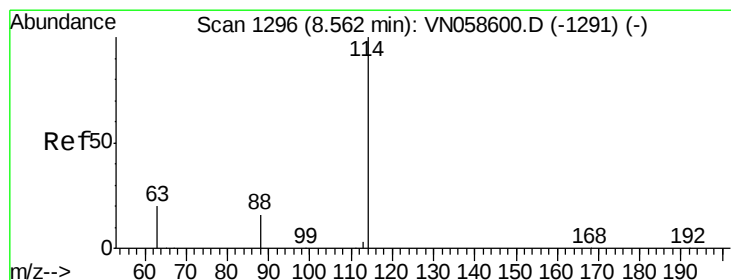
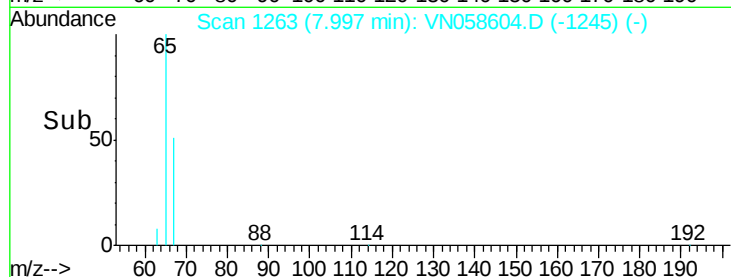
300000

200000

100000

0

Time-->



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

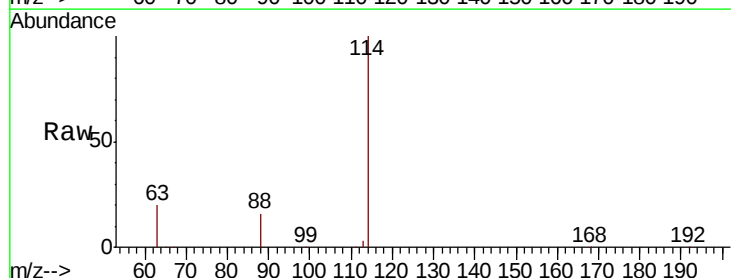
Tgt Ion: 114 Resp: 3876226

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

88 15.7 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058604.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058604.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058604.D (-1267) (-)

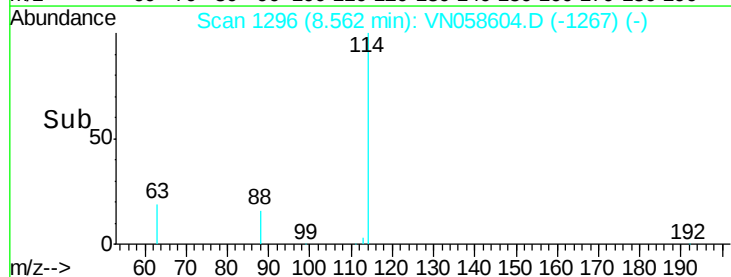
8.56

1000000

500000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.351 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

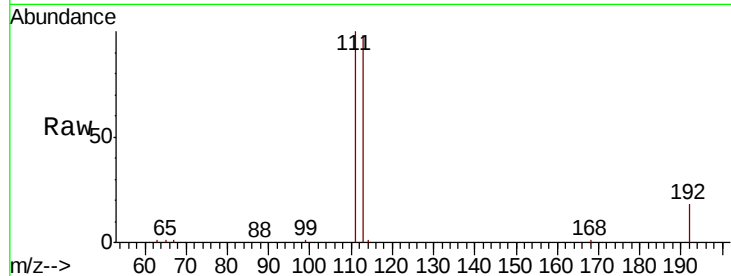
Tot Ion: 113 Resp: 1306693

Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

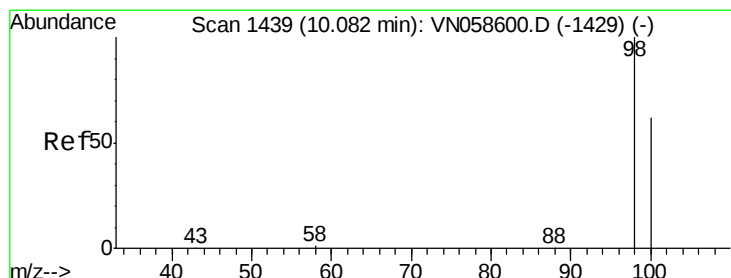
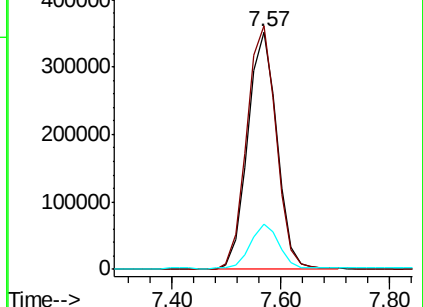
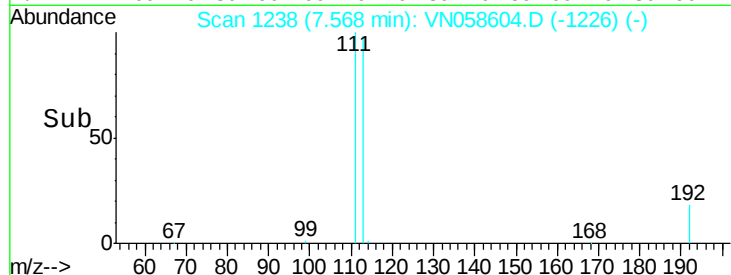
192 18.8 14.9 22.3



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: 5.391 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058604.D

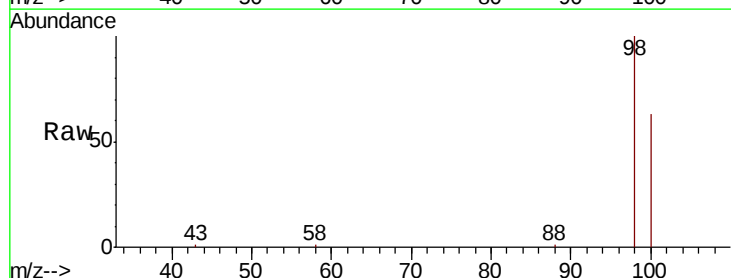
Acq: 8 Oct 2019 12:54

Tgt Ion: 98 Resp: 2974743

Ion Ratio Lower Upper

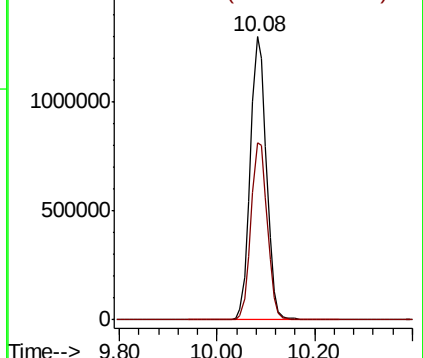
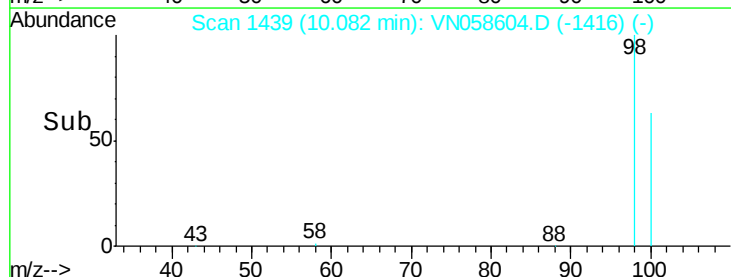
98 100

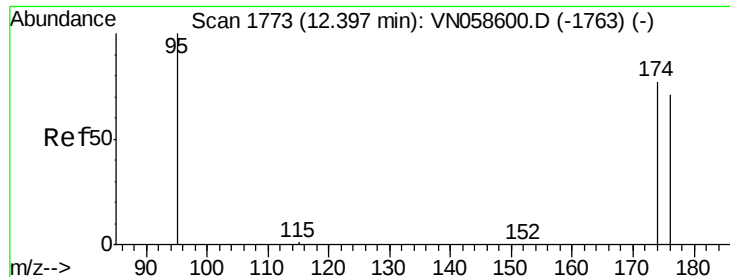
100 62.7 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#7

4-Bromofluorobenzene

Concen: 5.236 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

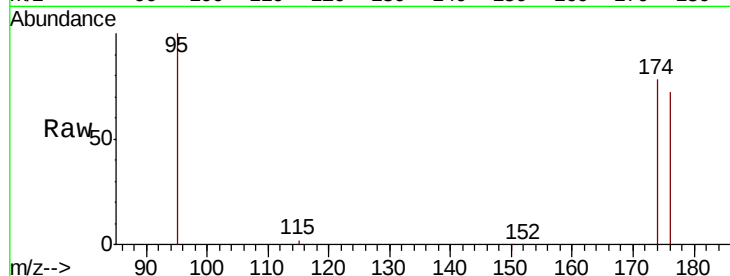
Tot Ion: 95 Resp: 1415357

Ion Ratio Lower Upper

95 100

174 77.9 0.0 153.4

176 72.5 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058604.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058604.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058604.D (-1763) (-)

12.40

800000

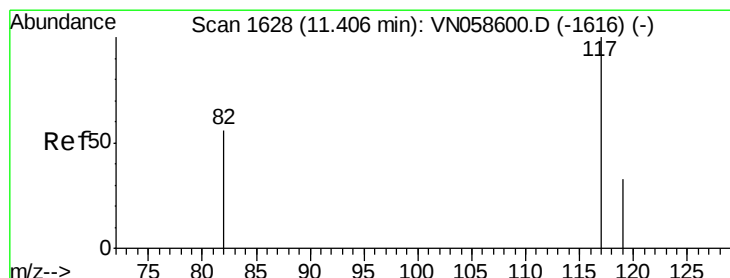
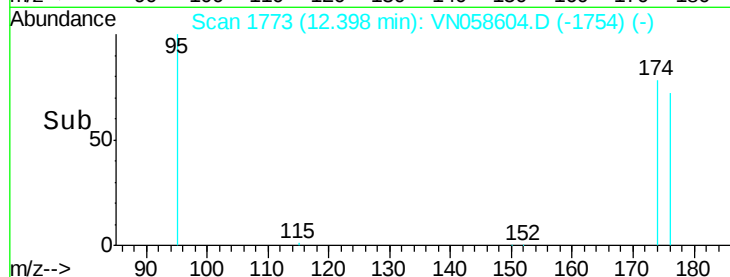
600000

400000

200000

0

Time-->



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058604.D

Acq: 8 Oct 2019 12:54

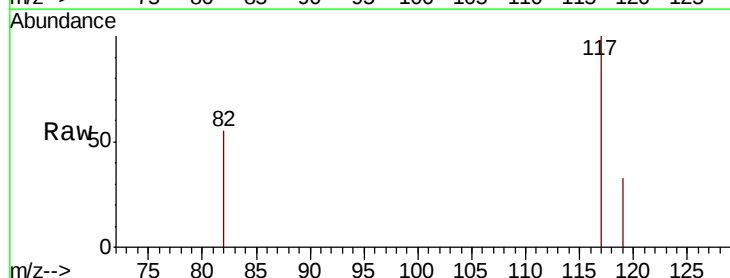
Tgt Ion: 117 Resp: 3411953

Ion Ratio Lower Upper

117 100

82 54.7 44.7 67.1

119 33.0 27.0 40.4



Abundance Ion 117.00 (116.70 to 117.70): VN058604.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058604.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058604.D (-1616) (-)

11.41

2000000

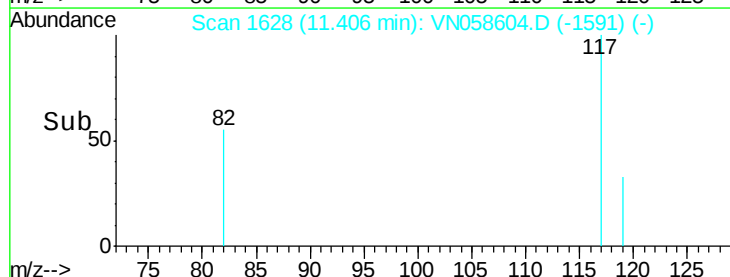
1500000

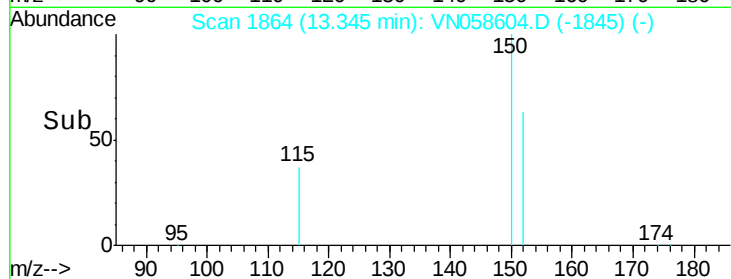
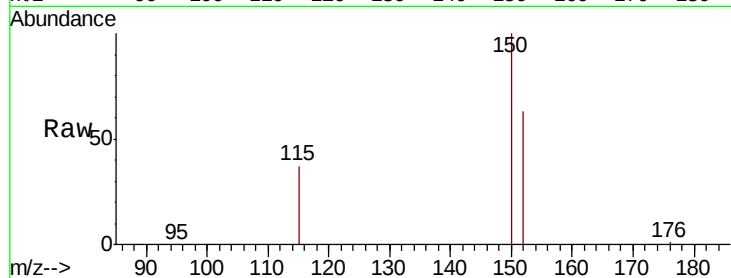
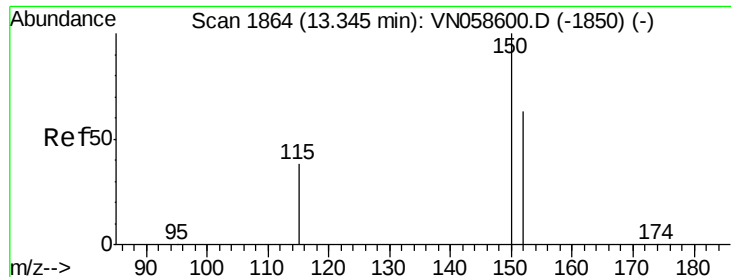
1000000

500000

0

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: VN058604.D

Acq: 8 Oct 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

Tot Ion:152 Resp: 1380274

Ion Ratio Lower Upper

152 100

115 59.0 29.9 89.8

150 158.4 0.0 315.8

