

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100819\
 Data File : VN058608.D
 Acq On : 8 Oct 2019 14:22
 Operator : JC/SP
 Sample : K5111-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Oct 09 04:16:19 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	7.65	168	2345991	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	3475158	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	3060735	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	1185820	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1433585	5.11	ug/l	0.00
Spiked Amount	5.000	Range	81 - 118	Recovery	=	102.20%
5) Dibromofluoromethane	7.57	113	1099593	5.02	ug/l	0.00
Spiked Amount	5.000	Range	80 - 119	Recovery	=	100.40%
6) Toluene-d8	10.08	98	2475817	5.00	ug/l	0.00
Spiked Amount	5.000	Range	89 - 112	Recovery	=	100.00%
7) 4-Bromofluorobenzene	12.40	95	1161511	4.79	ug/l	0.00
Spiked Amount	5.000	Range	85 - 114	Recovery	=	95.80%

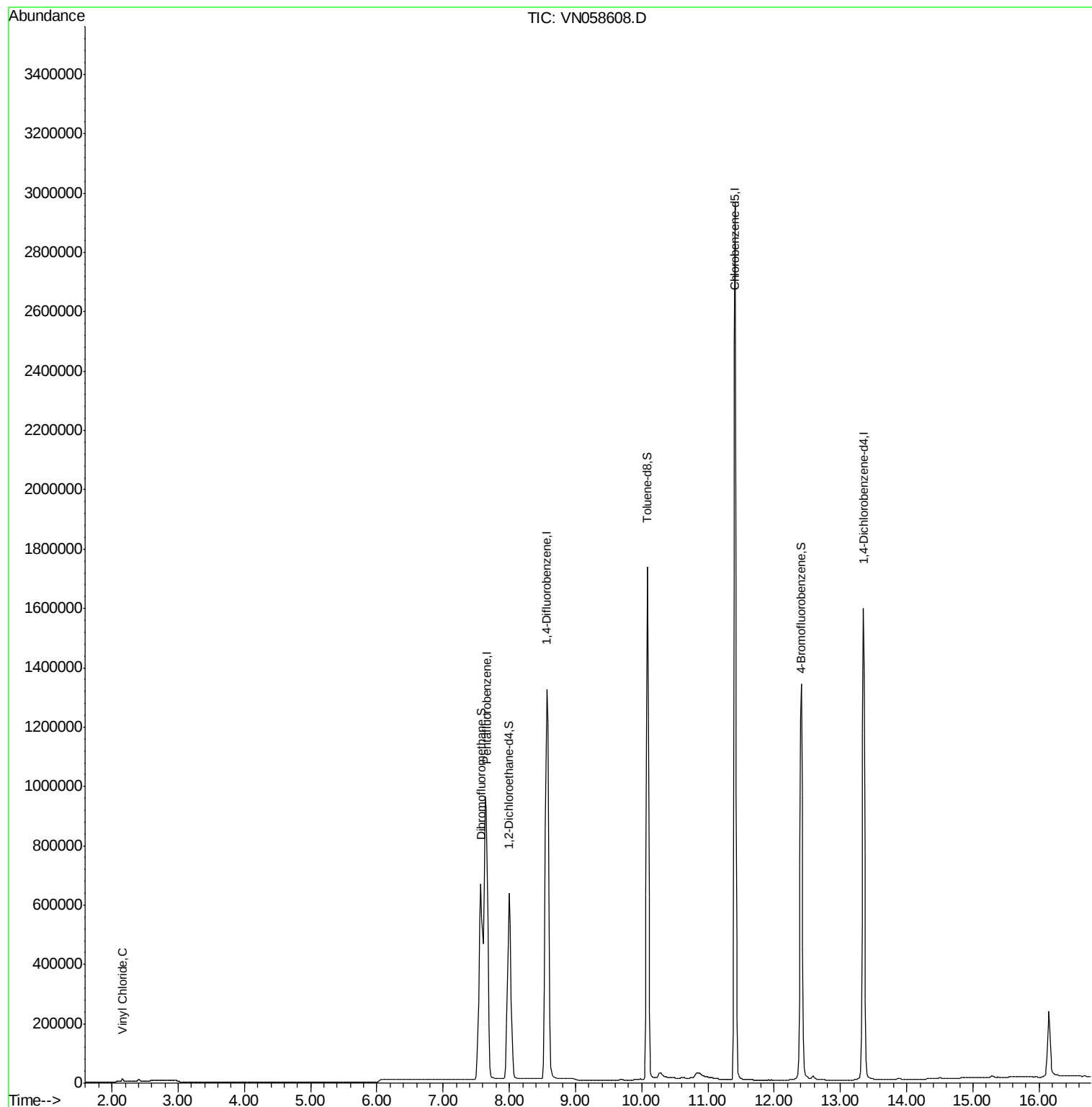
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	11149	0.047 ug/l #	63

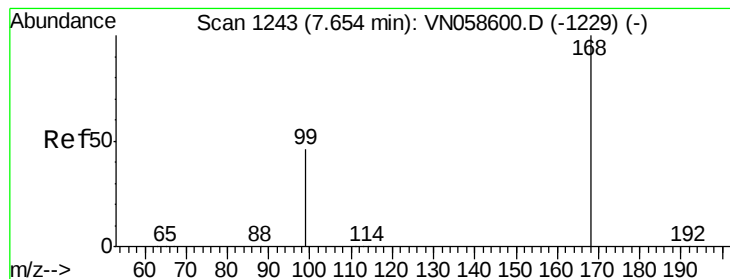
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058608.D

Acq: 8 Oct 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

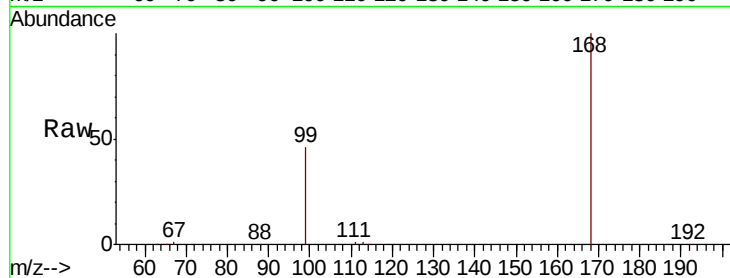
LOD-MDL-WATER-01-QT4-2019

Tot Ion:168 Resp: 2345991

Ion Ratio Lower Upper

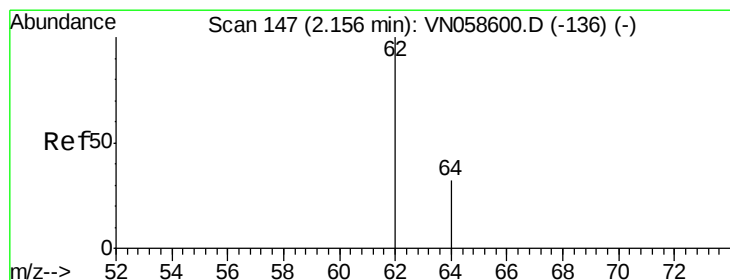
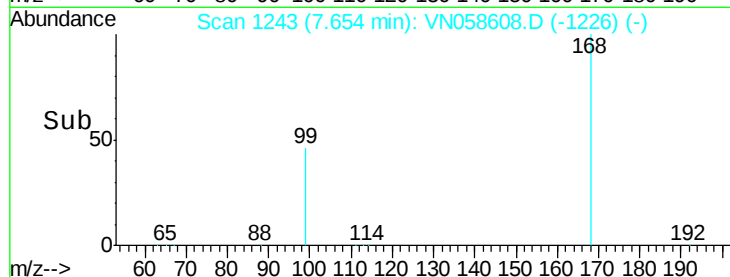
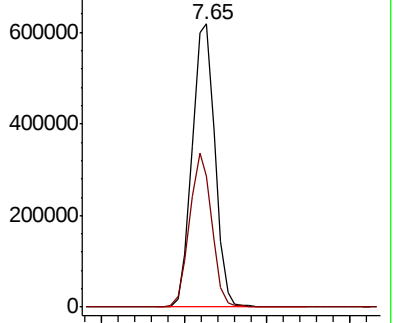
168 100

99 46.3 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: VN058608.D

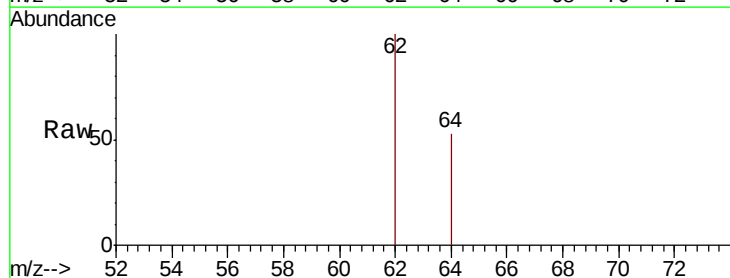
Acq: 8 Oct 2019 14:22

Tgt Ion: 62 Resp: 11149

Ion Ratio Lower Upper

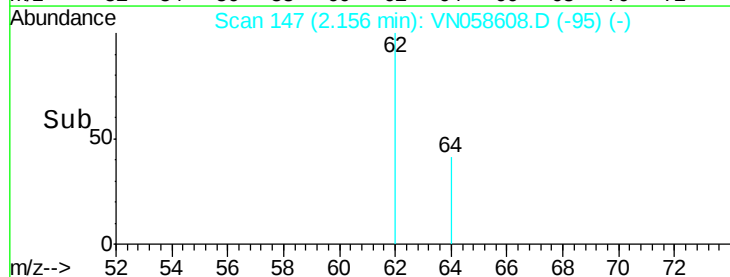
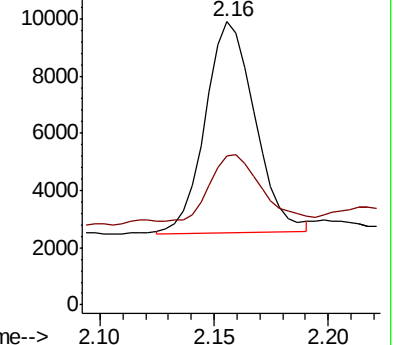
62 100

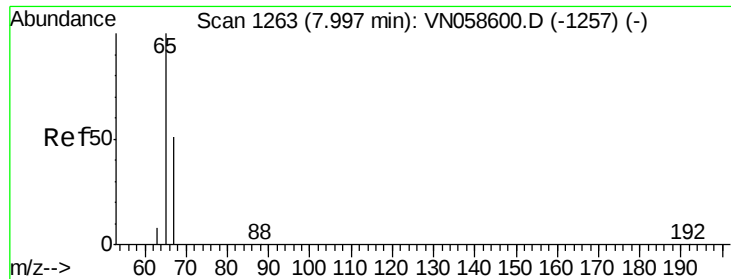
64 52.8 25.8 38.6#



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: 5.115 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VN058608.D

Acq: 8 Oct 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

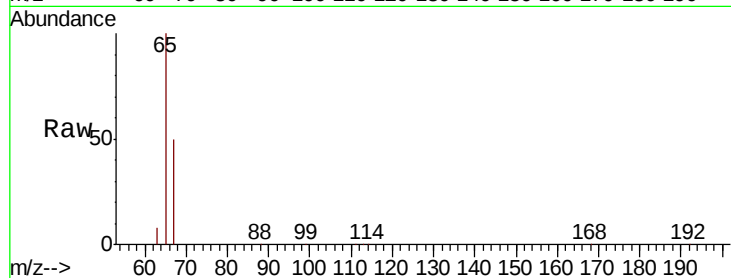
LOD-MDL-WATER-01-QT4-2019

Tot Ion: 65 Resp: 1433585

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



Abundance Ion 65.00 (64.70 to 65.70): VN058608.D (-1246) (-)

Ion 67.00 (66.70 to 67.70): VN058608.D (-1246) (-)

8.00

400000

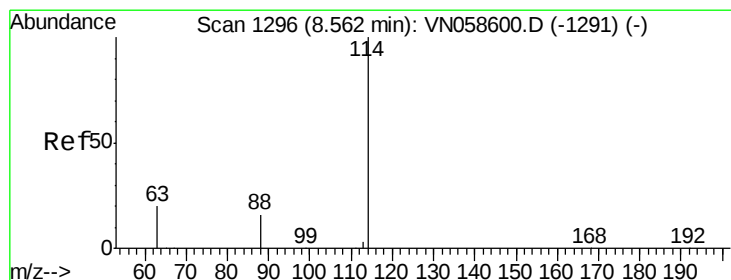
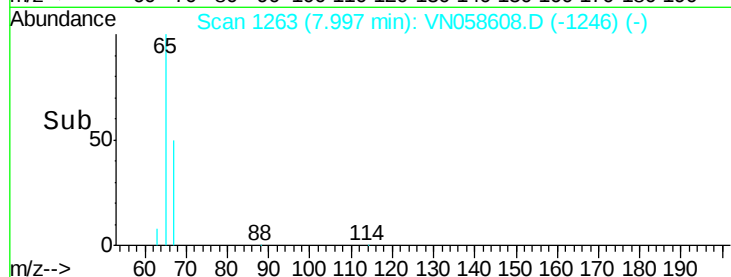
300000

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: VN058608.D

Acq: 8 Oct 2019 14:22

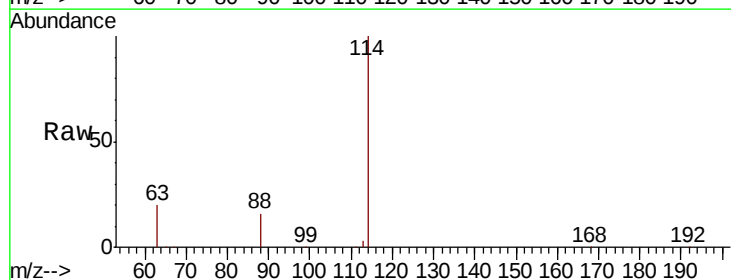
Tgt Ion: 114 Resp: 3475158

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 15.9 0.0 32.4



Abundance Ion 114.00 (113.70 to 114.70): VN058608.D (-1267) (-)

Ion 63.00 (62.70 to 63.70): VN058608.D (-1267) (-)

Ion 88.00 (87.70 to 88.70): VN058608.D (-1267) (-)

8.56

1200000

1000000

800000

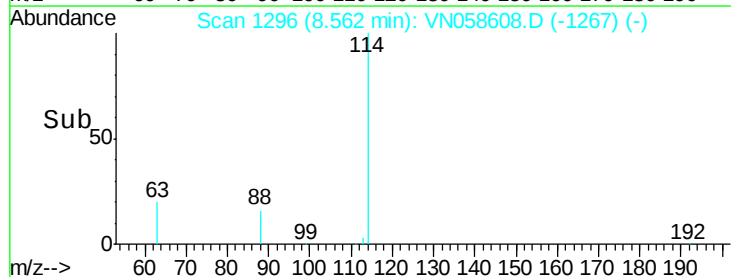
600000

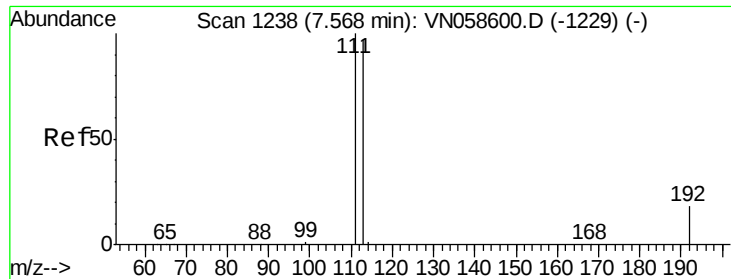
400000

200000

0

Time-->





#5

Dibromofluoromethane

Concen: 5.023 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VN058608.D

Acq: 8 Oct 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

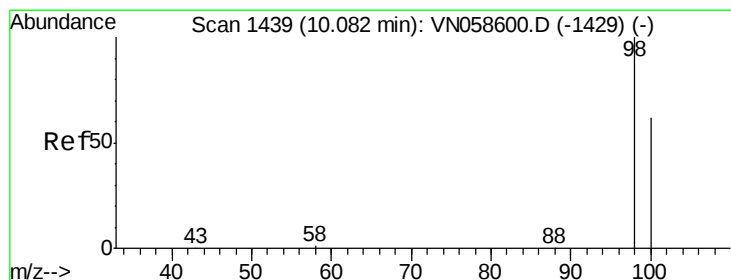
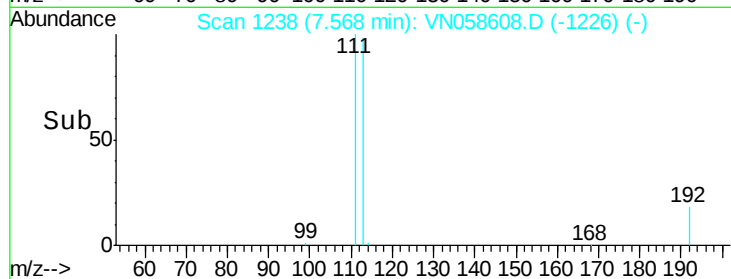
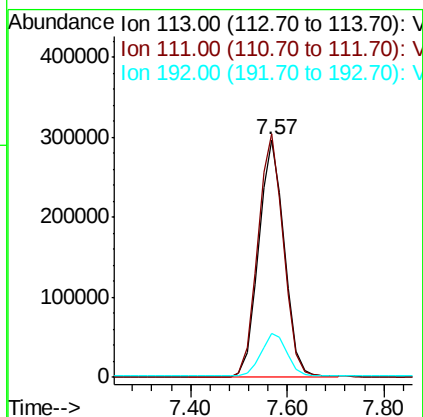
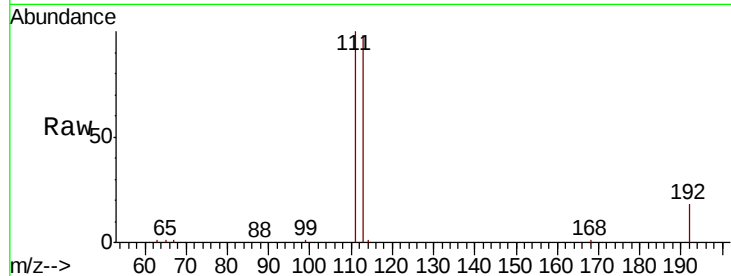
Tot Ion:113 Resp: 1099593

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 18.5 14.9 22.3



#6

Toluene-d8

Concen: 5.005 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VN058608.D

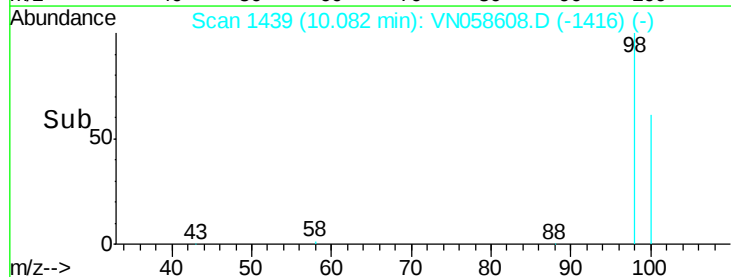
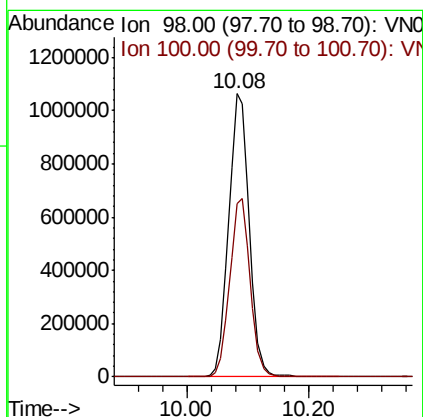
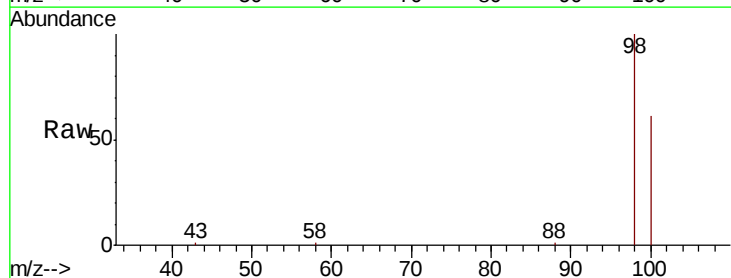
Acq: 8 Oct 2019 14:22

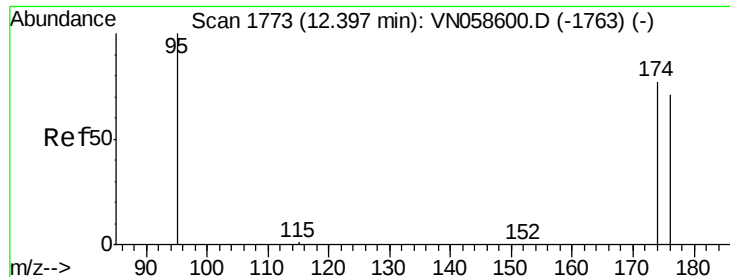
Tgt Ion: 98 Resp: 2475817

Ion Ratio Lower Upper

98 100

100 61.2 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.792 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058608.D

Acq: 8 Oct 2019 14:22

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2019

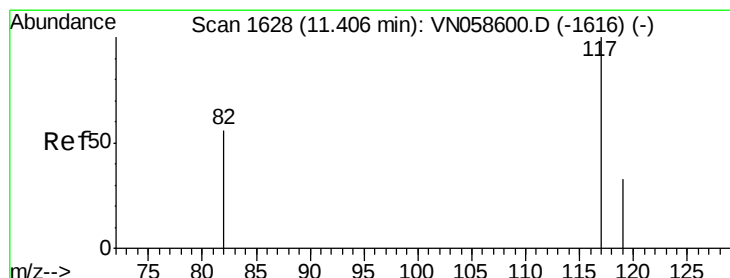
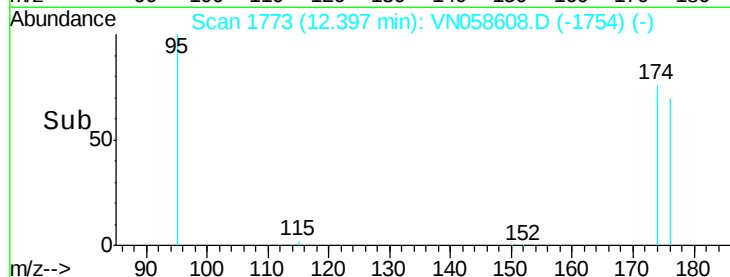
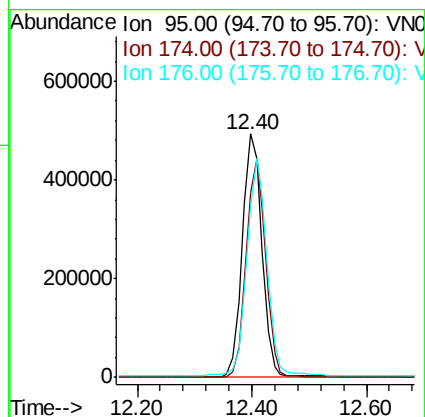
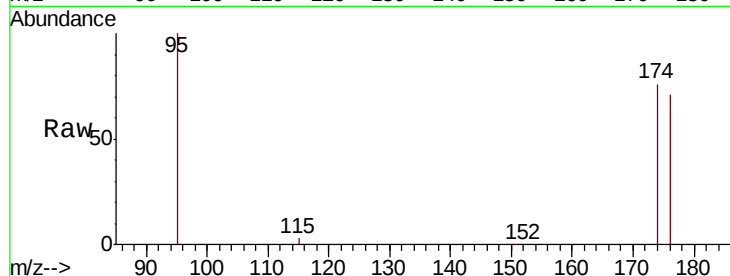
Tot Ion: 95 Resp: 1161511

Ion Ratio Lower Upper

95 100

174 75.7 0.0 153.4

176 70.6 0.0 142.2



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN058608.D

Acq: 8 Oct 2019 14:22

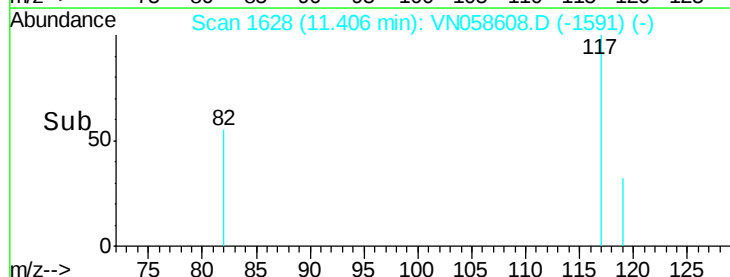
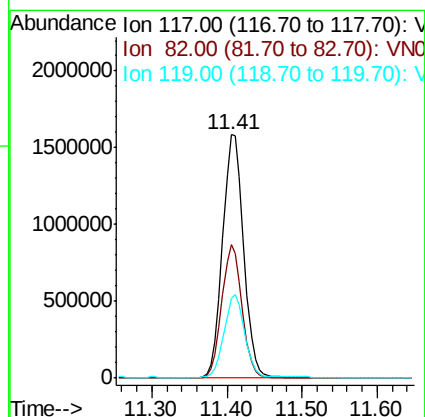
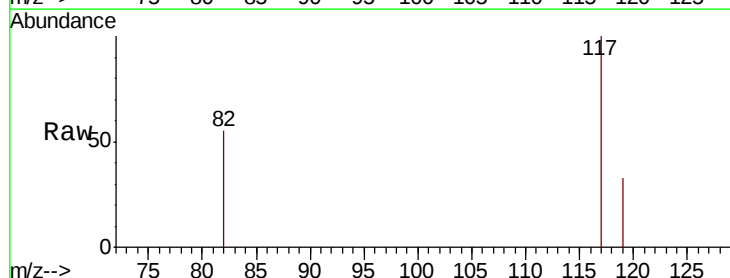
Tgt Ion: 117 Resp: 3060735

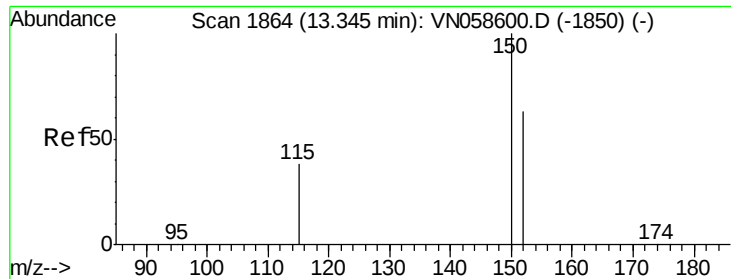
Ion Ratio Lower Upper

117 100

82 54.6 44.7 67.1

119 32.5 27.0 40.4





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN058608.D
 Acq: 8 Oct 2019 14:22

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

Tot Ion:152 Resp: 1185820
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.9 89.8
 150 160.7 0.0 315.8

