

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
 Data File : VN058631.D
 Acq On : 9 Oct 2019 10:34
 Operator : JC/SP
 Sample : K5111-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Quant Time: Oct 10 01:17:26 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	1926841	5.00	ug/l	0.00
4) 1,4-Difluorobenzene	8.56	114	2821973	5.00	ug/l	0.00
8) Chlorobenzene-d5	11.41	117	2521599	5.00	ug/l	0.00
9) 1,4-Dichlorobenzene-d4	13.35	152	948823	5.00	ug/l	0.00

System Monitoring Compounds						
3) 1,2-Dichloroethane-d4	8.00	65	1259183	5.47	ug/l	0.00
Spiked Amount 5.000	Range 81 - 118		Recovery	=	109.40%	
5) Dibromofluoromethane	7.57	113	991197	5.58	ug/l	0.00
Spiked Amount 5.000	Range 80 - 119		Recovery	=	111.60%	
6) Toluene-d8	10.08	98	2135964	5.32	ug/l	0.00
Spiked Amount 5.000	Range 89 - 112		Recovery	=	106.40%	
7) 4-Bromofluorobenzene	12.40	95	976306	4.96	ug/l	0.00
Spiked Amount 5.000	Range 85 - 114		Recovery	=	99.20%	

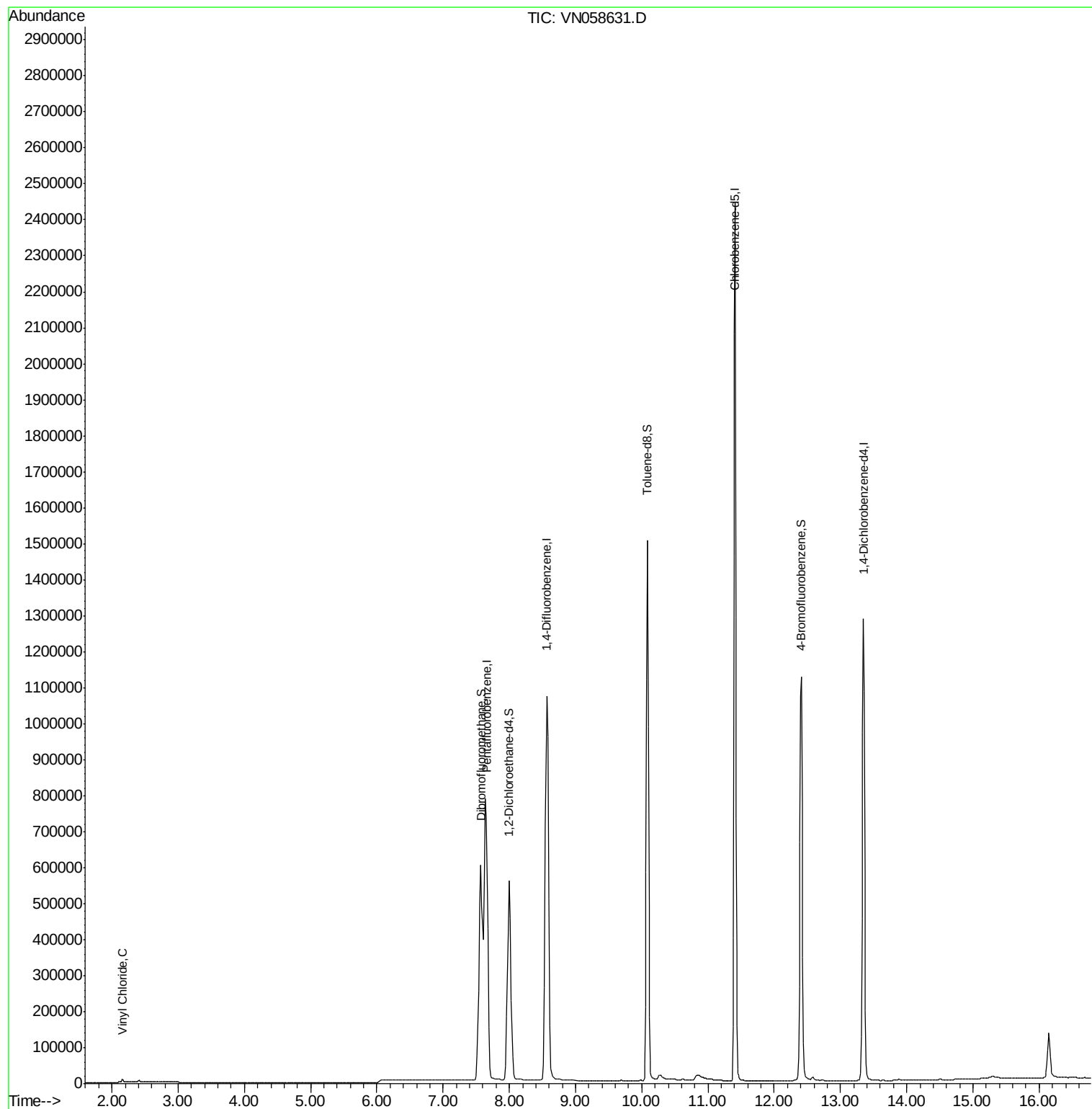
Target Compounds					Qvalue
2) Vinyl Chloride	2.16	62	10447	0.053 ug/l #	72

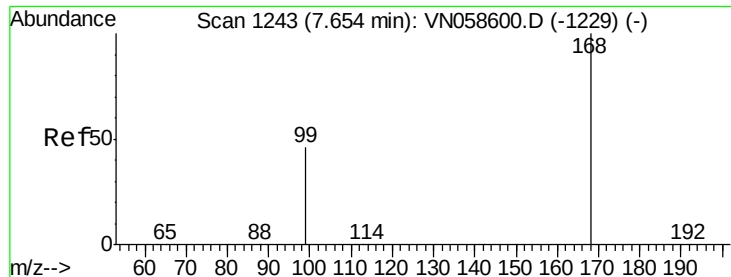
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN100919\
Data File : VN058631.D
Acq On : 9 Oct 2019 10:34
Operator : JC/SP
Sample : K5111-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Quant Time: Oct 10 01:17:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N100819SIM-VINYL.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 04:07:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 5.000 ug/l

RT: 7.65 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

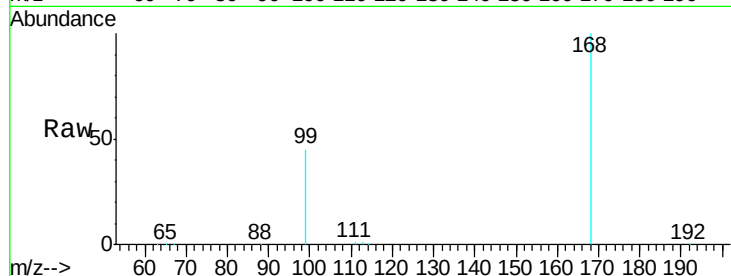
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:168 Resp: 1926841

Ion Ratio Lower Upper

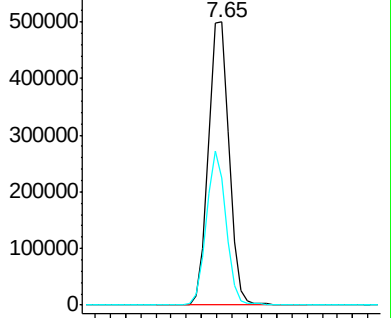
168 100

99 45.0 36.8 55.2

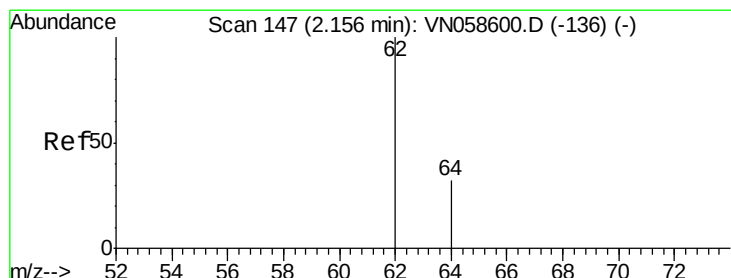
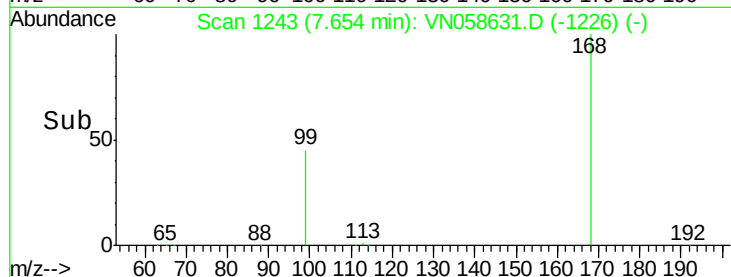


Abundance Ion 168.00 (167.70 to 168.70): VN058600.D (-1229) (-)

Ion 99.00 (98.70 to 99.70): VN058600.D (-1229) (-)



Time-->



#2

Vinyl Chloride

Concen: 0.053 ug/l

RT: 2.16 min Scan# 147

Delta R.T. 0.00 min

Lab File: VN058631.D

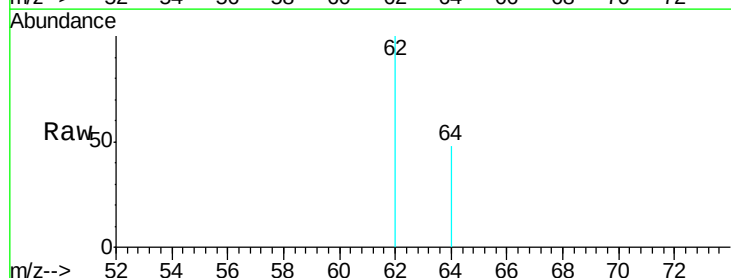
Acq: 9 Oct 2019 10:34

Tgt Ion: 62 Resp: 10447

Ion Ratio Lower Upper

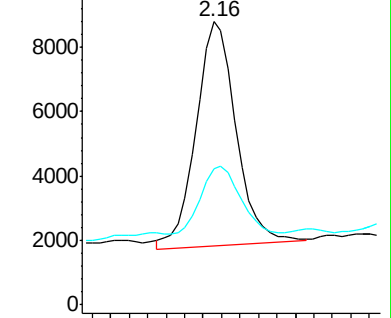
62 100

64 48.0 25.8 38.6#

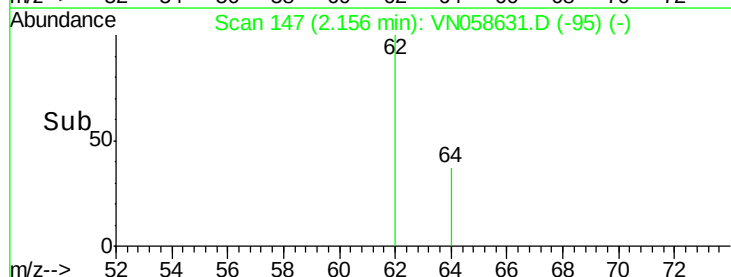


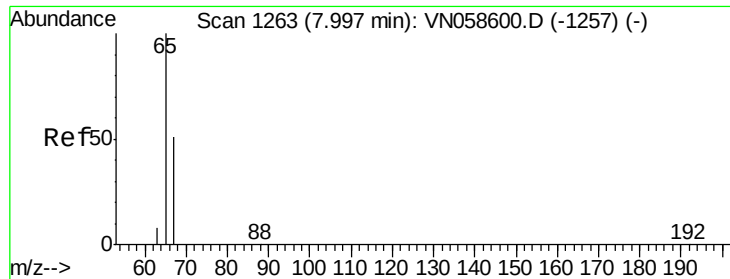
Abundance Ion 62.00 (61.70 to 62.70): VN058600.D (-136) (-)

Ion 64.00 (63.70 to 64.70): VN058600.D (-136) (-)



Time-->





#3

1,2-Dichloroethane-d4

Concen: 5.470 ug/l

RT: 8.00 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

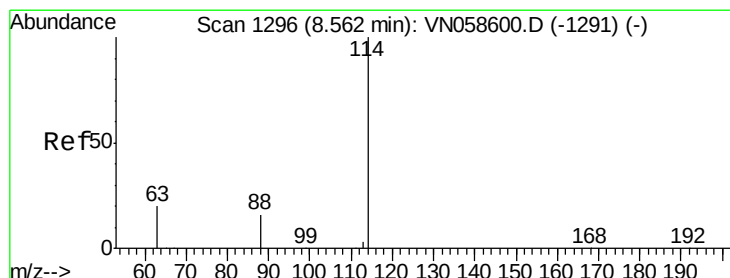
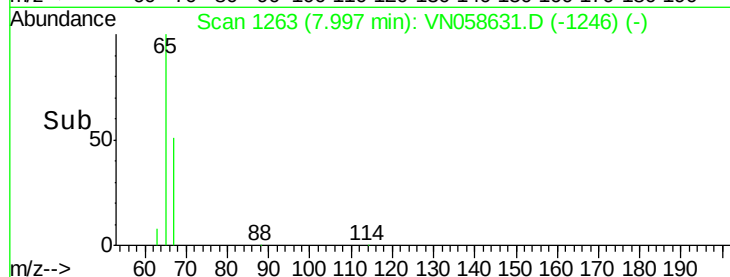
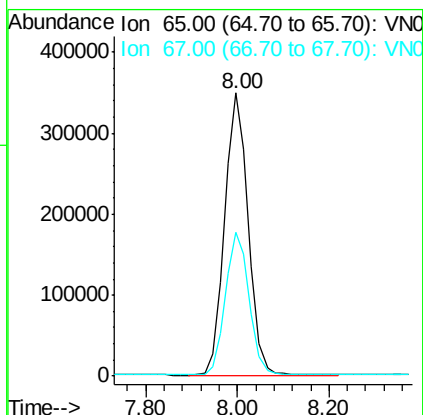
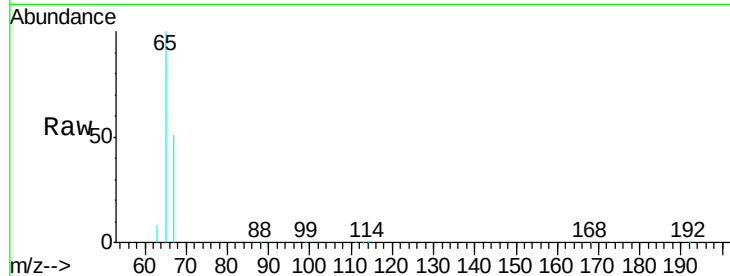
MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 65 Resp: 1259183

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4



#4

1,4-Difluorobenzene

Concen: 5.000 ug/l

RT: 8.56 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

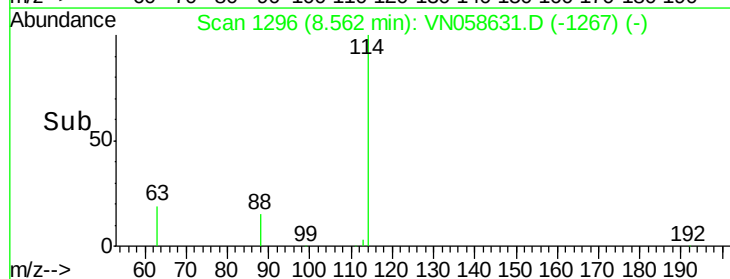
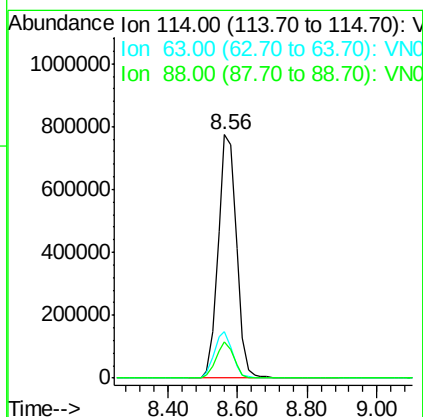
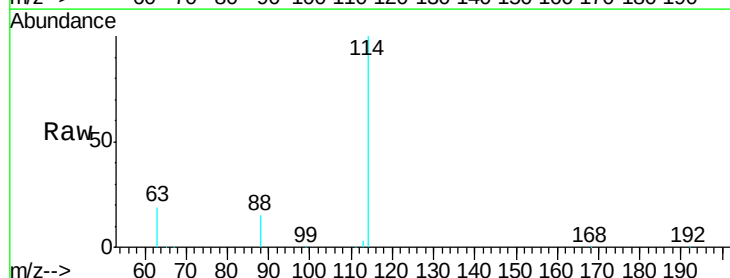
Tgt Ion: 114 Resp: 2821973

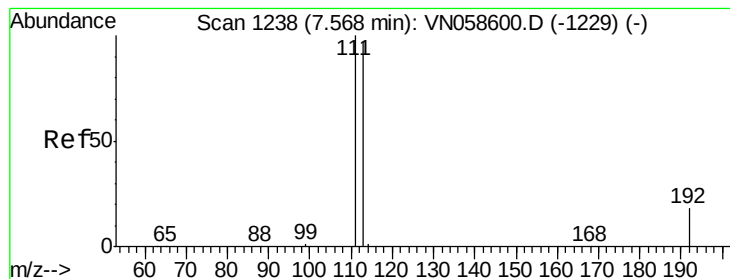
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

88 15.1 0.0 32.4





#5

Dibromofluoromethane

Concen: 5.576 ug/l

RT: 7.57 min Scan# 1238

Delta R.T. 0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

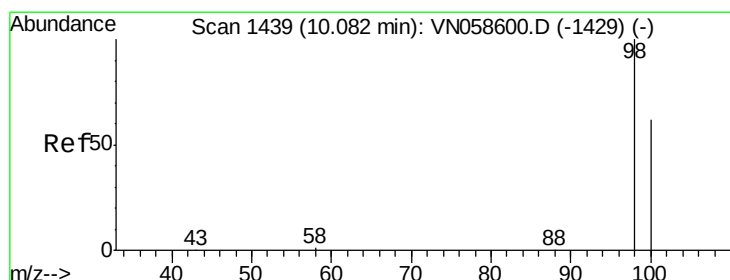
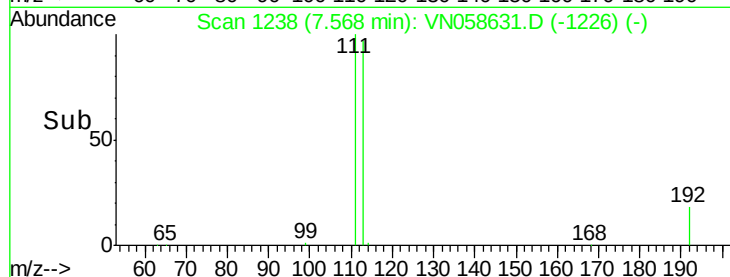
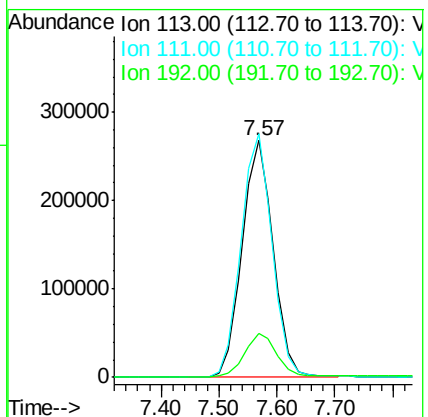
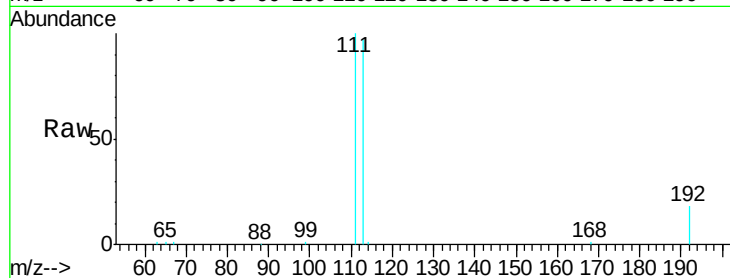
Tgt Ion:113 Resp: 991197

Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 18.8 14.9 22.3



#6

Toluene-d8

Concen: 5.317 ug/l

RT: 10.08 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VN058631.D

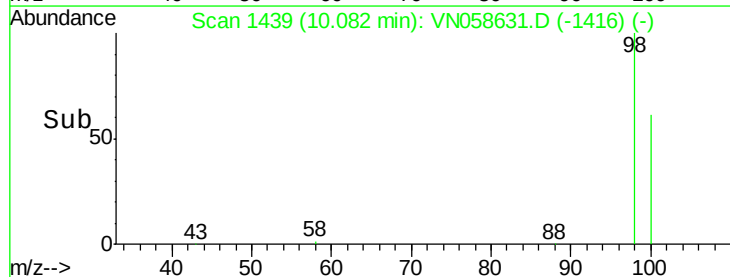
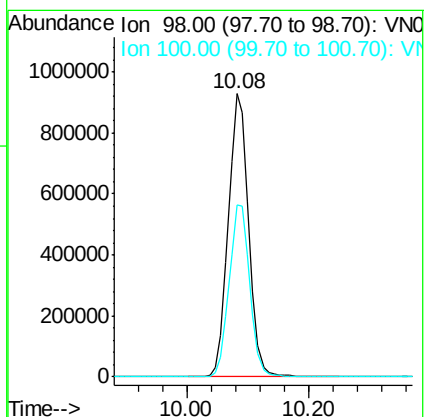
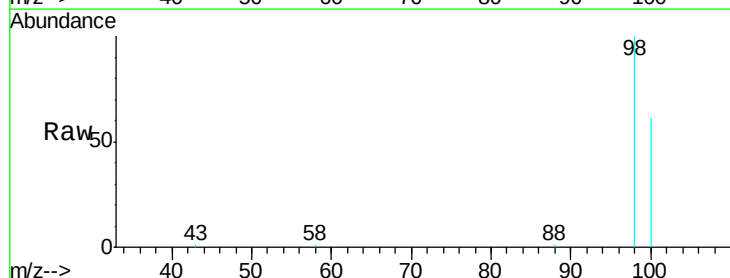
Acq: 9 Oct 2019 10:34

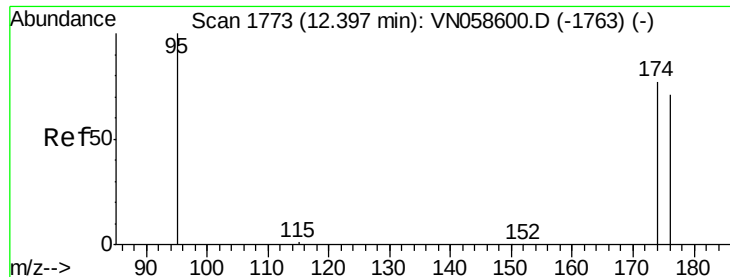
Tgt Ion: 98 Resp: 2135964

Ion Ratio Lower Upper

98 100

100 60.7 49.4 74.2





#7

4-Bromofluorobenzene

Concen: 4.961 ug/l

RT: 12.40 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

Instrument :

MSVOA_N

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

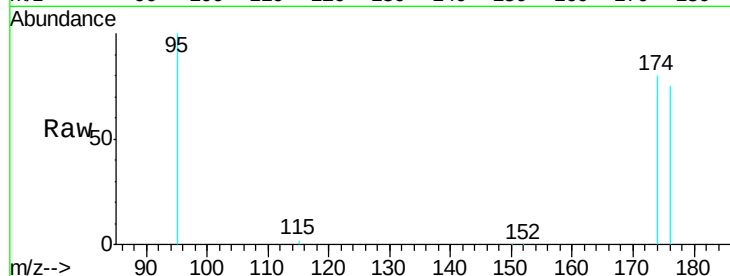
Tgt Ion: 95 Resp: 976306

Ion Ratio Lower Upper

95 100

174 80.3 0.0 153.4

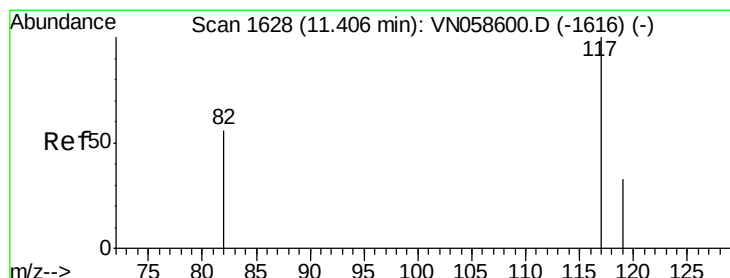
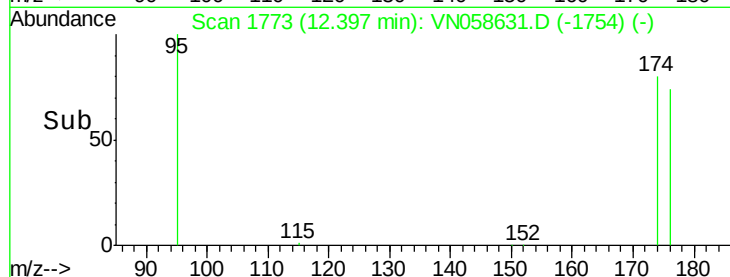
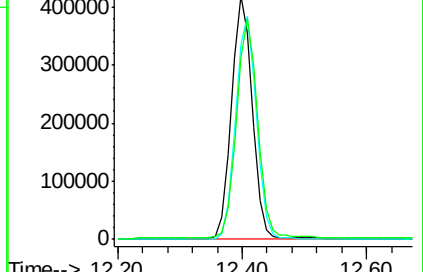
176 74.6 0.0 142.2



Abundance Ion 95.00 (94.70 to 95.70): VN058600.D (-1763) (-)

Ion 174.00 (173.70 to 174.70): VN058600.D (-1763) (-)

Ion 176.00 (175.70 to 176.70): VN058600.D (-1763) (-)



#8

Chlorobenzene-d5

Concen: 5.000 ug/l

RT: 11.41 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN058631.D

Acq: 9 Oct 2019 10:34

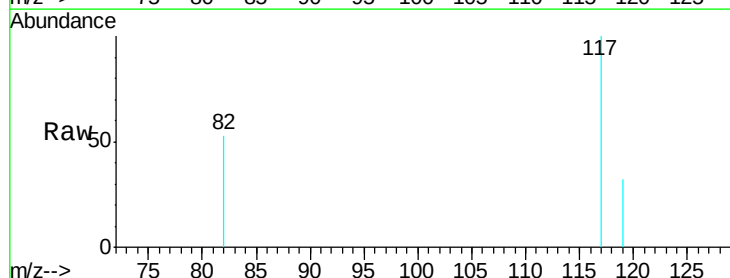
Tgt Ion: 117 Resp: 2521599

Ion Ratio Lower Upper

117 100

82 53.0 44.7 67.1

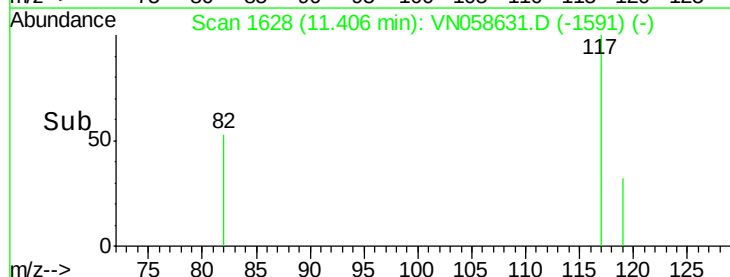
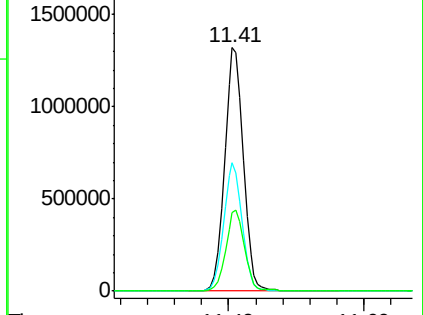
119 32.2 27.0 40.4

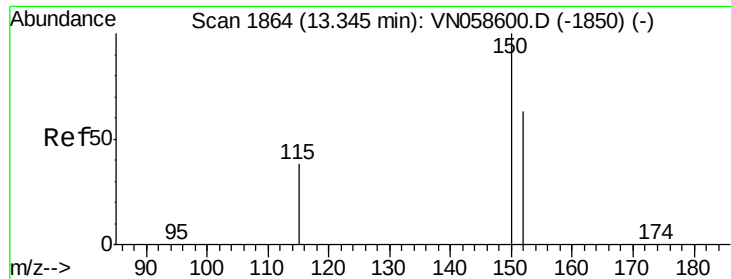


Abundance Ion 117.00 (116.70 to 117.70): VN058600.D (-1616) (-)

Ion 82.00 (81.70 to 82.70): VN058600.D (-1616) (-)

Ion 119.00 (118.70 to 119.70): VN058600.D (-1616) (-)





#9
 1,4-Dichlorobenzene-d4
 Concen: 5.000 ug/l
 RT: 13.35 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN058631.D
 Acq: 9 Oct 2019 10:34

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tgt Ion:152 Resp: 948823
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.9 89.8
 150 160.4 0.0 315.8

