

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053881.D
 Acq On : 21 Feb 2019 10:08
 Operator : JC/SP
 Sample : K1548-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-190219

Quant Time: Feb 22 00:59:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

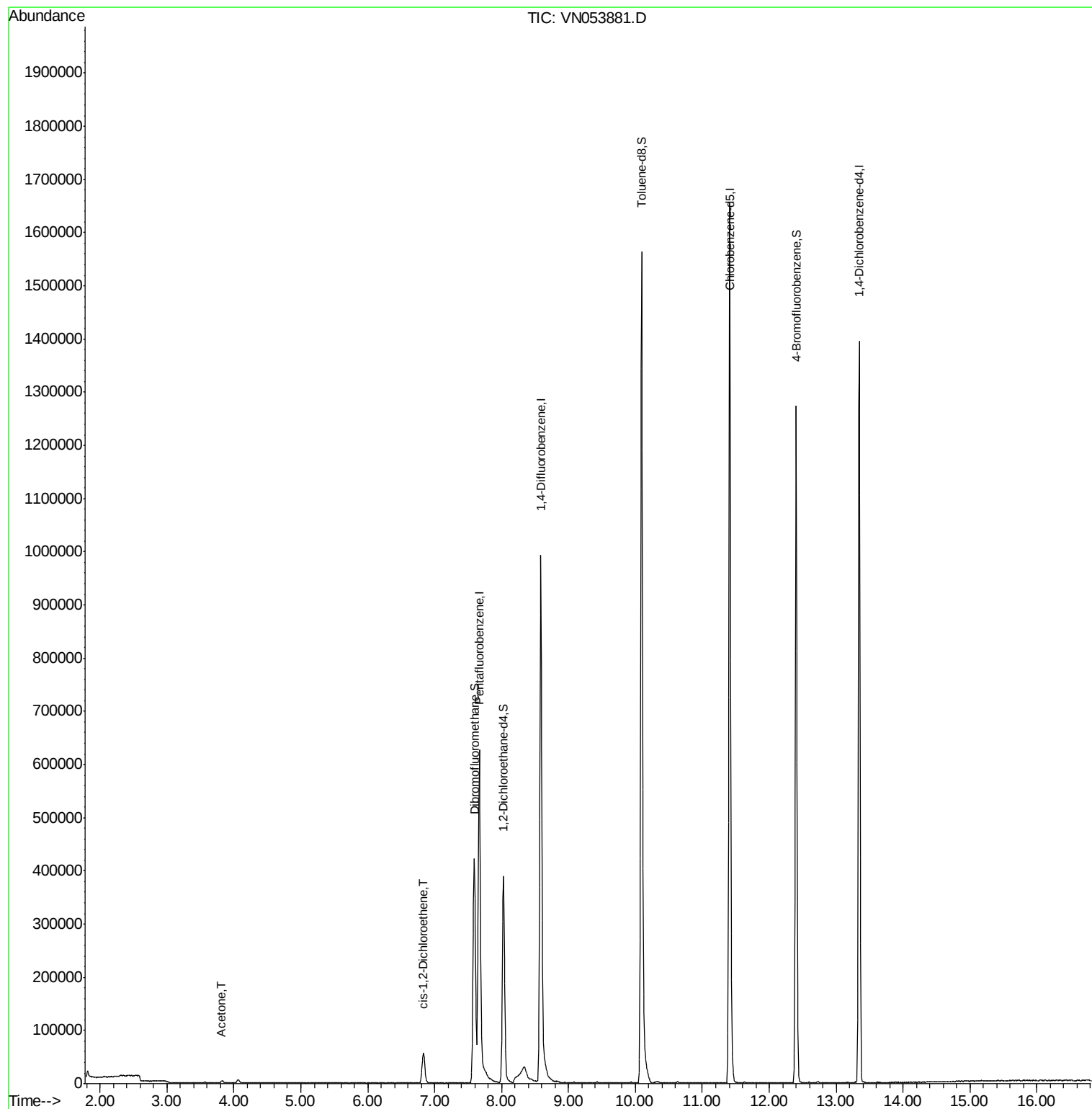
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	630522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1034324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1095083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	421419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	332741	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	331357	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	10.09	98	1271764	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.40	95	450762	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
Target Compounds						
16) Acetone	3.82	43	8152	4.600	ug/l #	86
27) cis-1,2-Dichloroethene	6.83	96	40971	5.955	ug/l	91

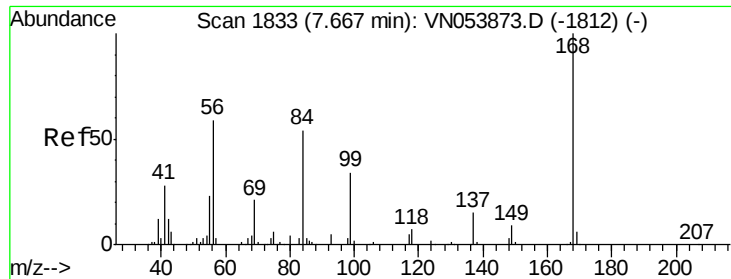
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053881.D
Acq On : 21 Feb 2019 10:08
Operator : JC/SP
Sample : K1548-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-190219

Quant Time: Feb 22 00:59:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

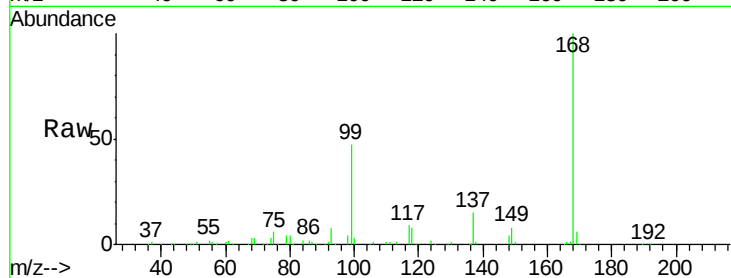
OUTFALL001-190219

Tot Ion:168 Resp: 630522

Ion Ratio Lower Upper

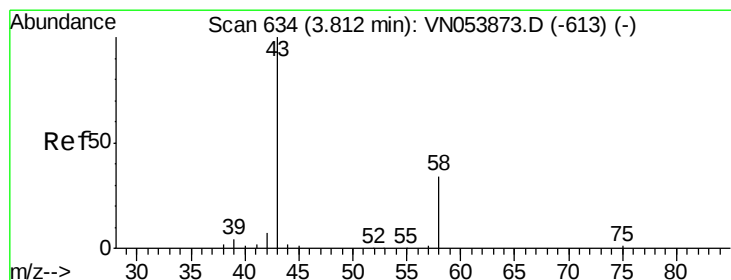
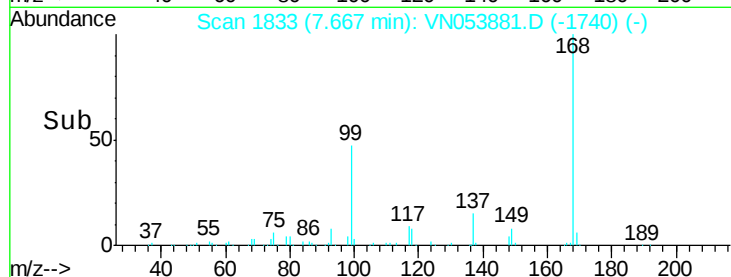
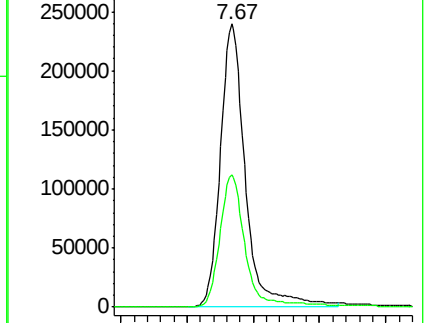
168 100

99 46.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.600 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053881.D

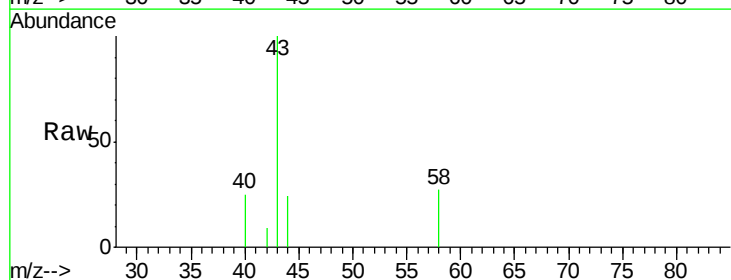
Acq: 21 Feb 2019 10:08

Tgt Ion: 43 Resp: 8152

Ion Ratio Lower Upper

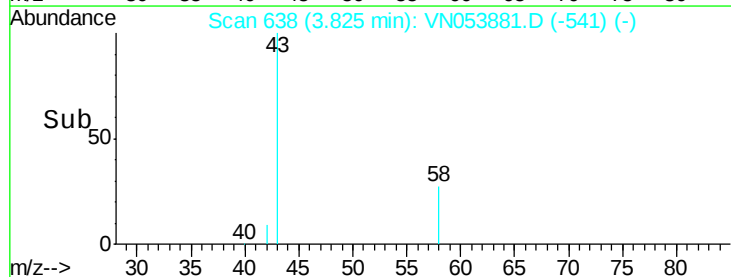
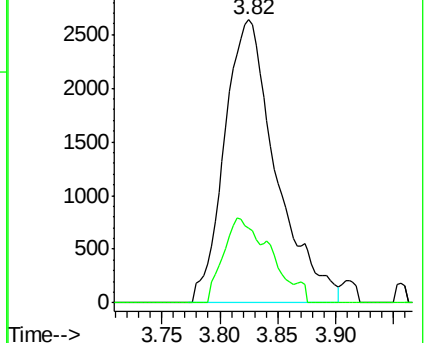
43 100

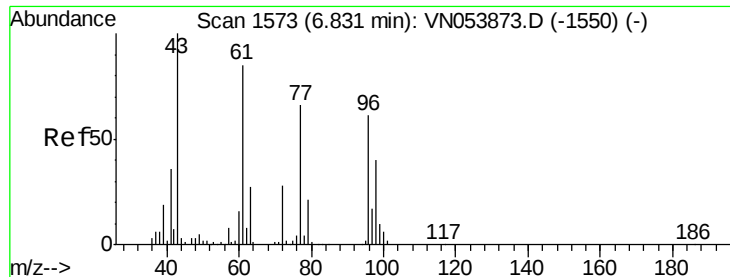
58 26.6 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#27

cis-1,2-Dichloroethene

Concen: 5.955 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190219

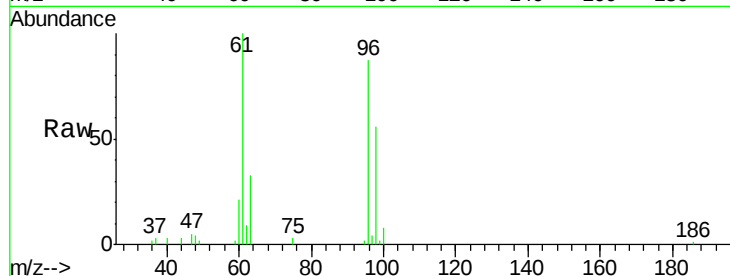
Tot Ion: 96 Resp: 40971

Ion Ratio Lower Upper

96 100

61 121.8 0.0 275.6

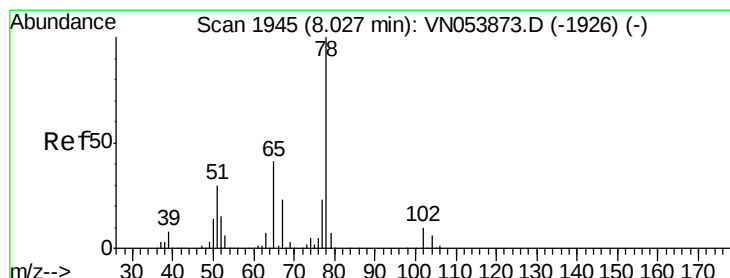
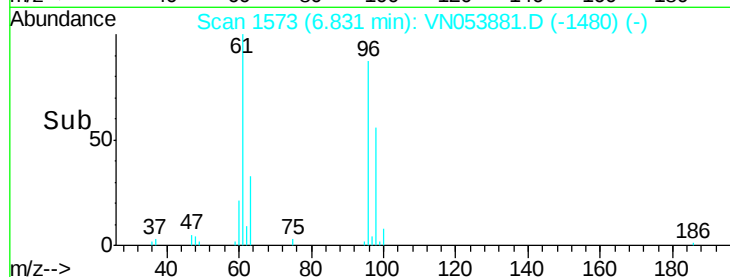
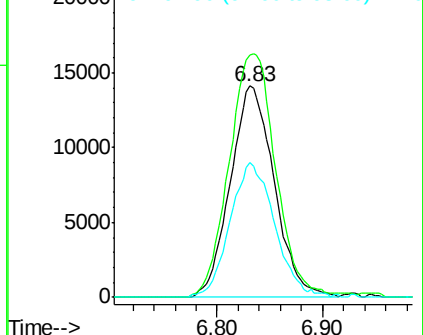
98 64.6 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053881.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN053881.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053881.D (-1480) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.637 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053881.D

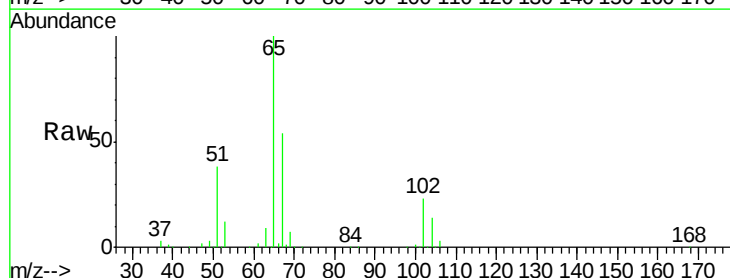
Acq: 21 Feb 2019 10:08

Tgt Ion: 65 Resp: 332741

Ion Ratio Lower Upper

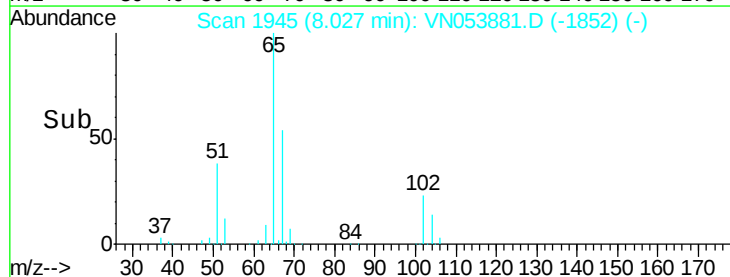
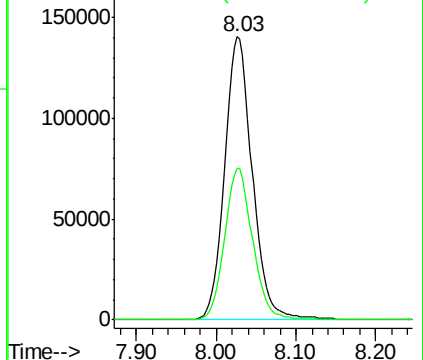
65 100

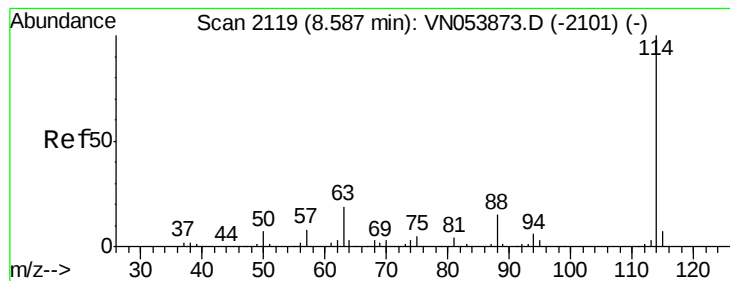
67 54.4 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053881.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053881.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190219

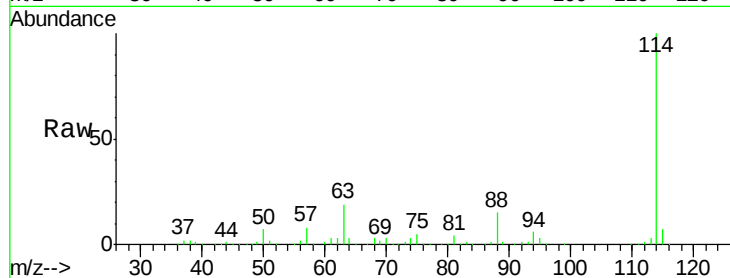
Tot Ion:114 Resp: 1034324

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

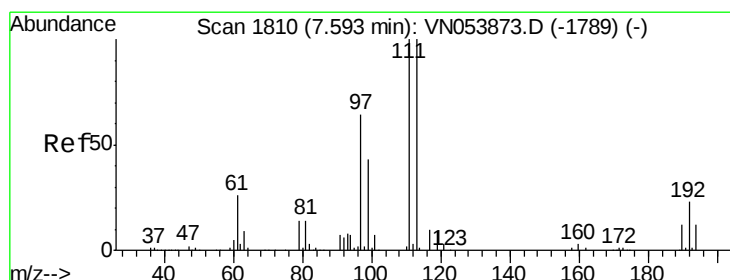
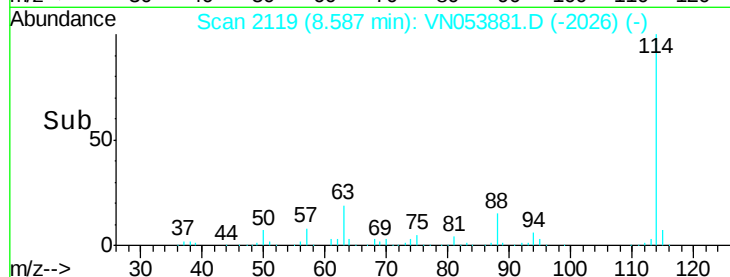
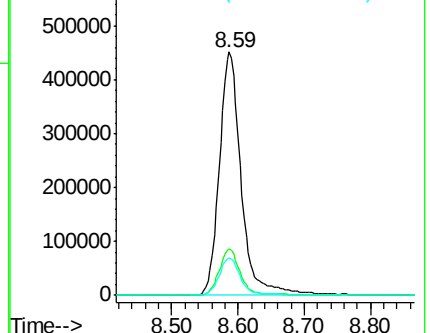
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.815 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

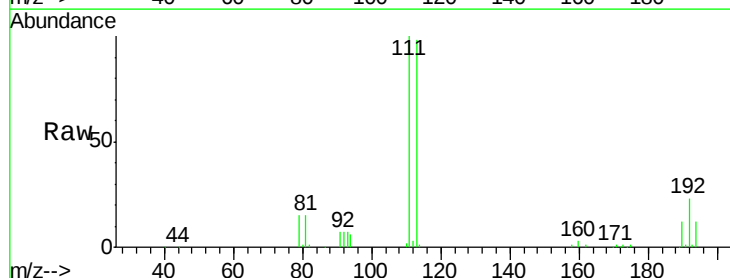
Tgt Ion:113 Resp: 331357

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

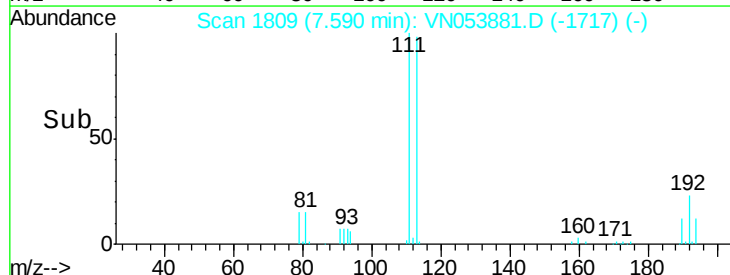
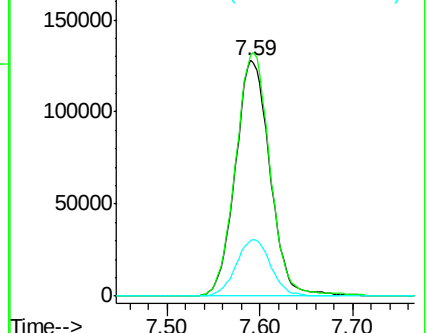
192 24.2 18.8 28.2

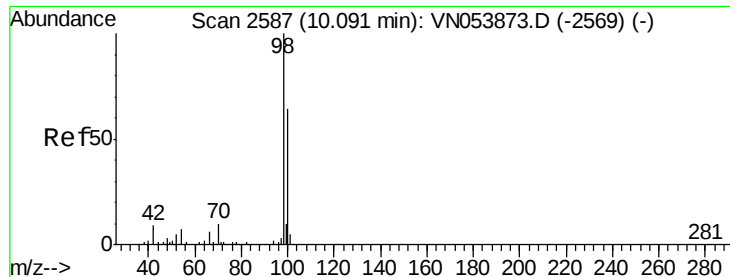


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.873 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

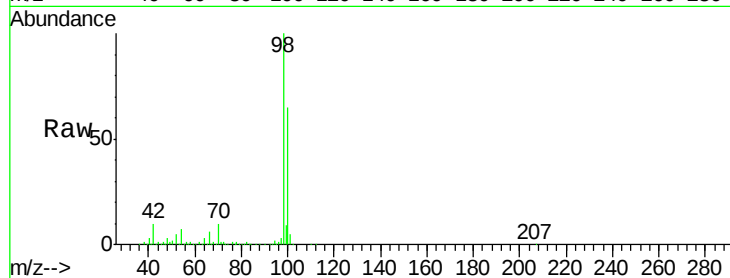
OUTFALL001-190219

Tot Ion: 98 Resp: 1271764

Ion Ratio Lower Upper

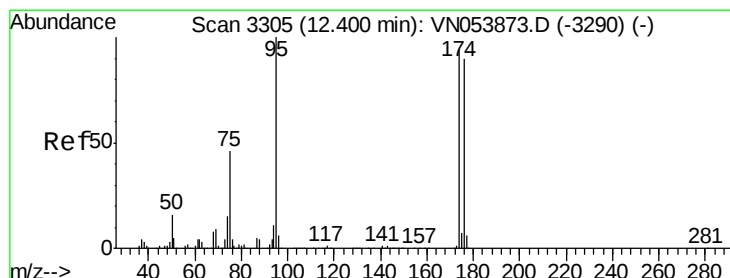
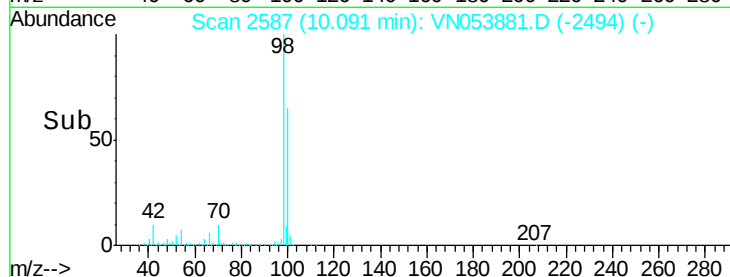
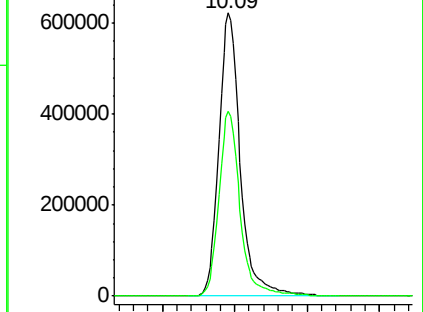
98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053873.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053873.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 55.691 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

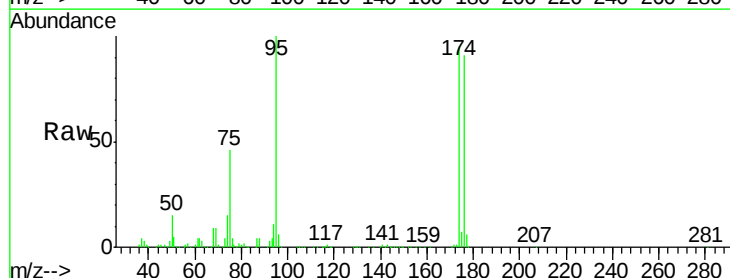
Tgt Ion: 95 Resp: 450762

Ion Ratio Lower Upper

95 100

174 94.6 0.0 188.8

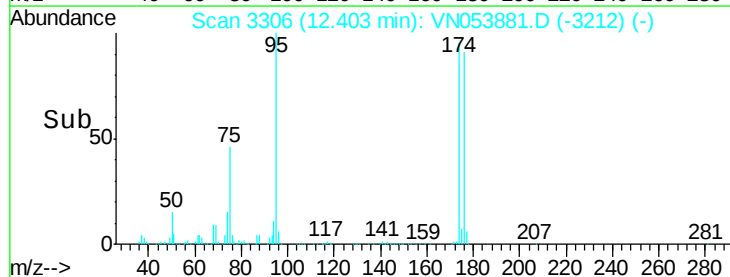
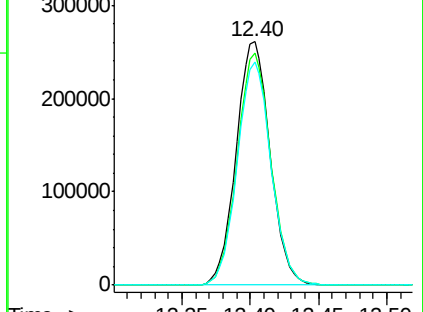
176 91.1 0.0 182.6

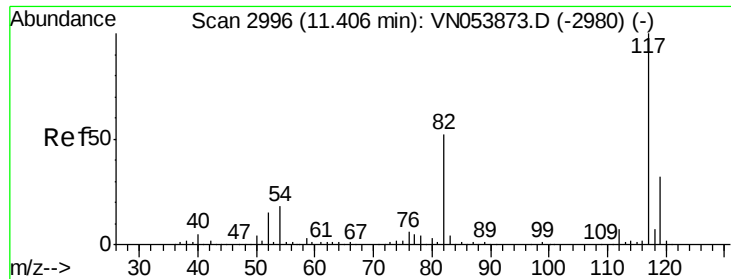


Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-190219

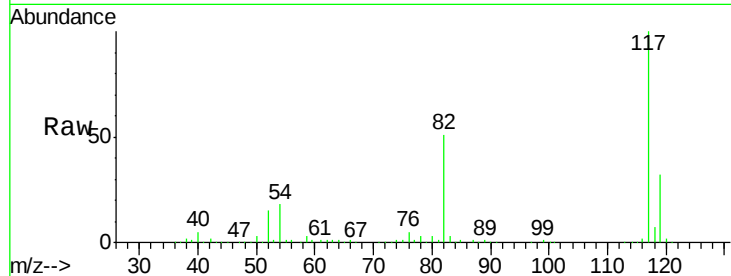
Tot Ion:117 Resp: 1095083

Ion Ratio Lower Upper

117 100

82 51.0 41.4 62.2

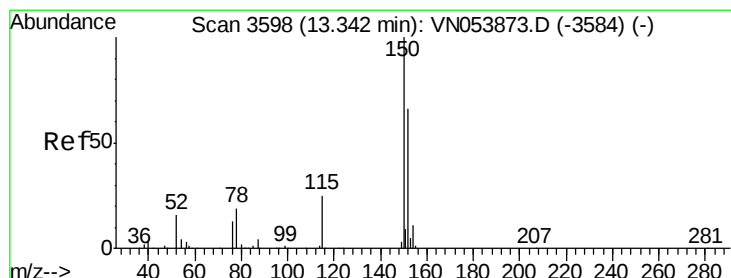
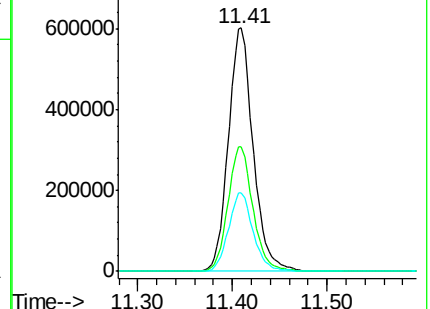
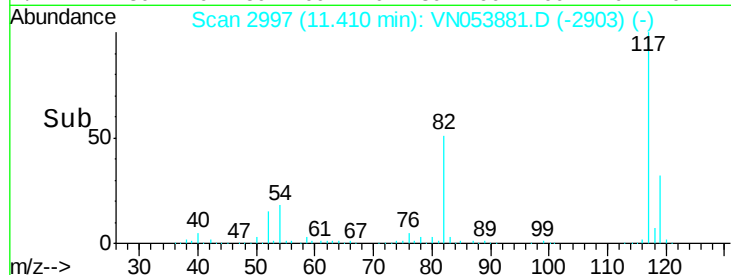
119 32.4 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053881.D

Acq: 21 Feb 2019 10:08

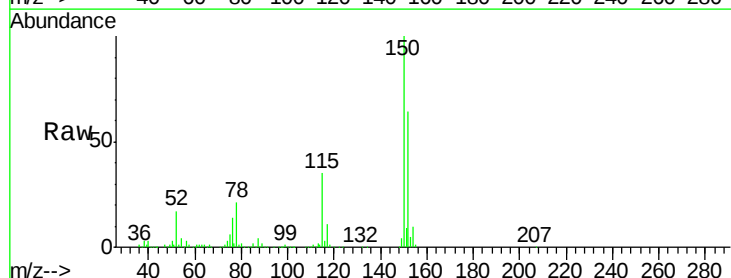
Tgt Ion:152 Resp: 421419

Ion Ratio Lower Upper

152 100

115 54.2 27.2 81.6

150 156.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

