

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058386.D
 Acq On : 26 Sep 2019 15:20
 Operator : JC/SP
 Sample : K5049-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Sep 27 04:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

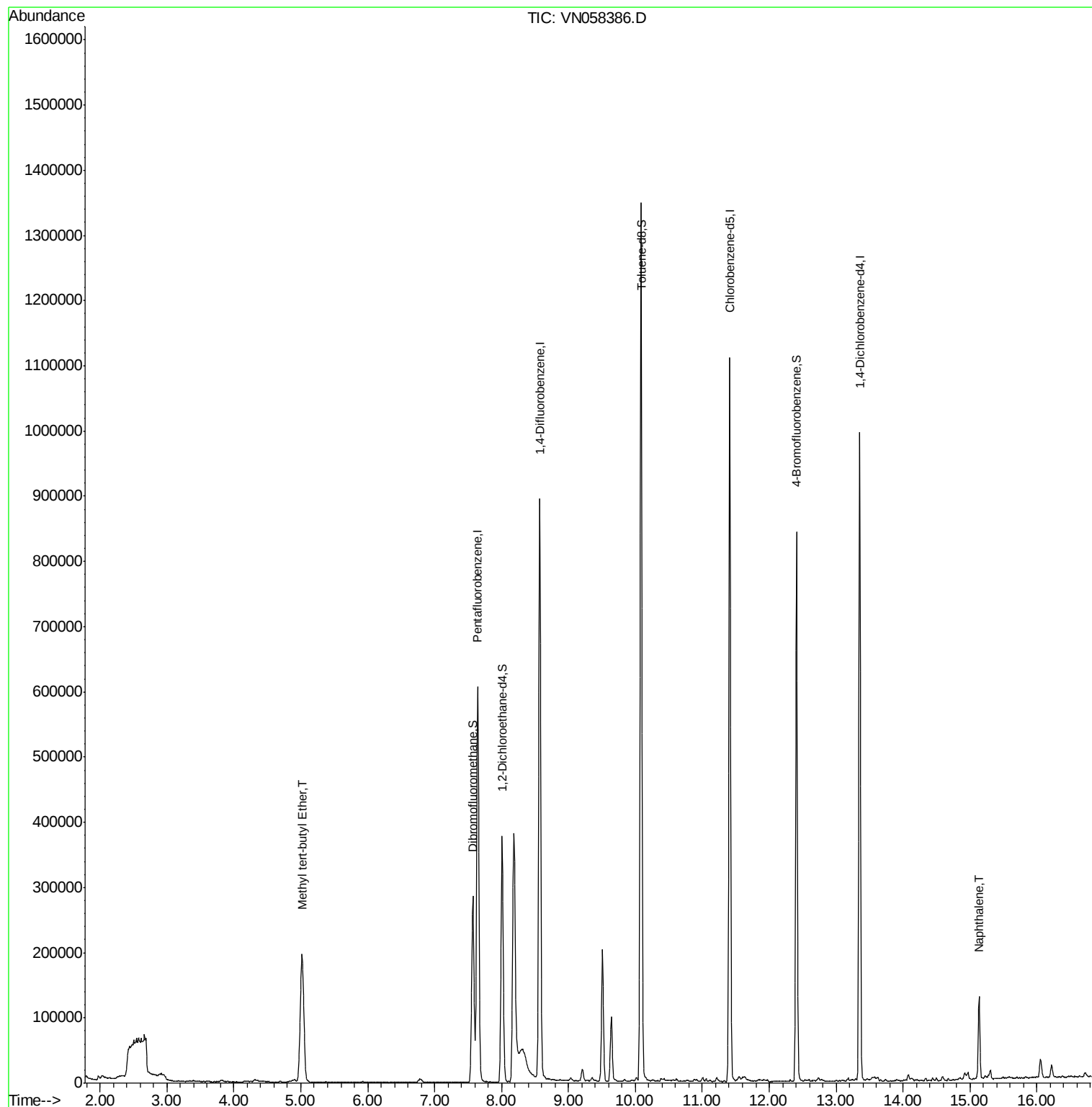
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	469971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	760767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	328041	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.57	113	212751	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
50) Toluene-d8	10.09	98	931399	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.41	95	282572	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.44%	
Target Compounds						
19) Methyl tert-butyl Ether	5.02	73	328112	22.897	ug/l	98
95) Naphthalene	15.14	128	100678	8.390	ug/l	100

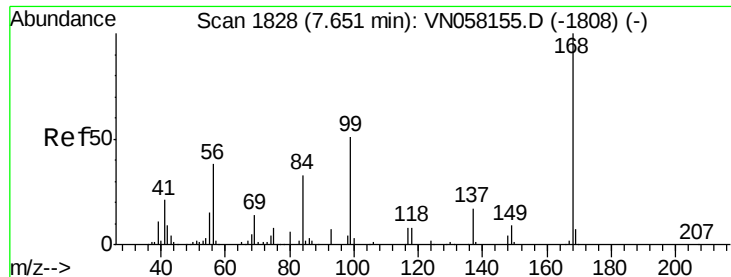
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092619\
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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN058386.D

Acq: 26 Sep 2019 15:20

Instrument :

MSVOA_N

ClientSampled :

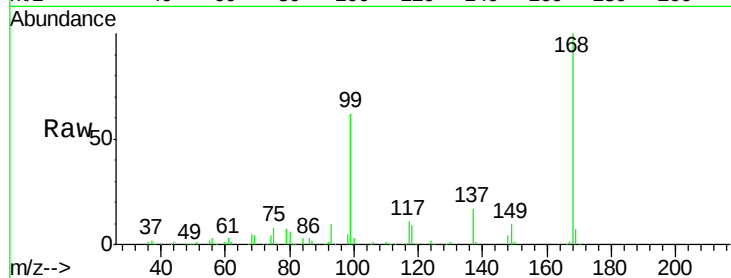
MW-6

Tot Ion:168 Resp: 469971

Ion Ratio Lower Upper

168 100

99 61.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

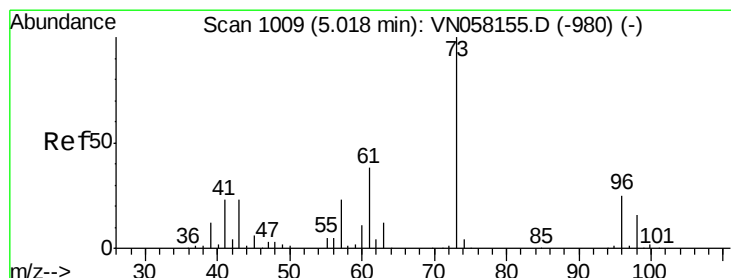
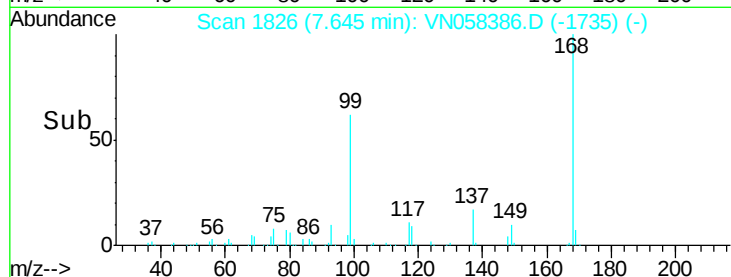
100000

50000

0

7.60 7.70

Time-->



#19

Methyl tert-butyl Ether

Concen: 22.897 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058386.D

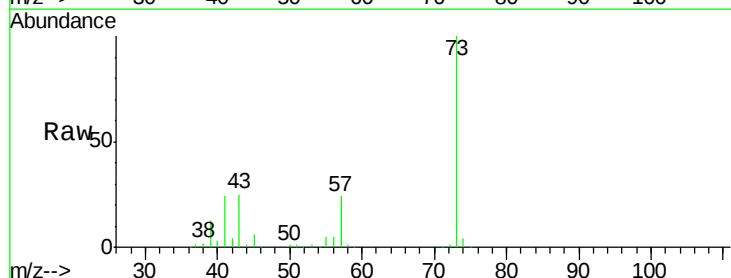
Acq: 26 Sep 2019 15:20

Tgt Ion: 73 Resp: 328112

Ion Ratio Lower Upper

73 100

57 23.7 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.02

100000

80000

60000

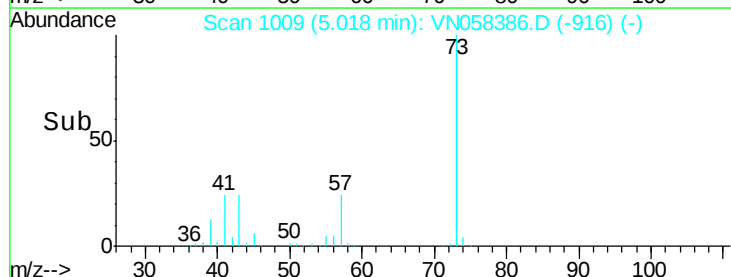
40000

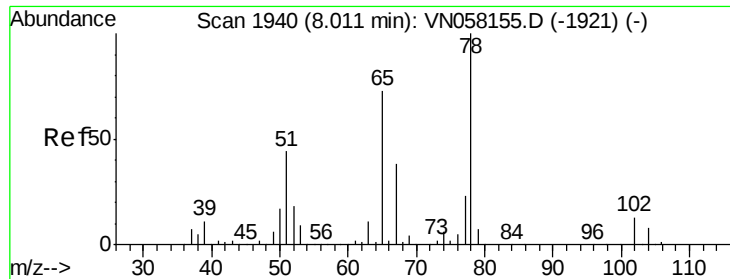
20000

0

4.90 5.00 5.10

Time-->

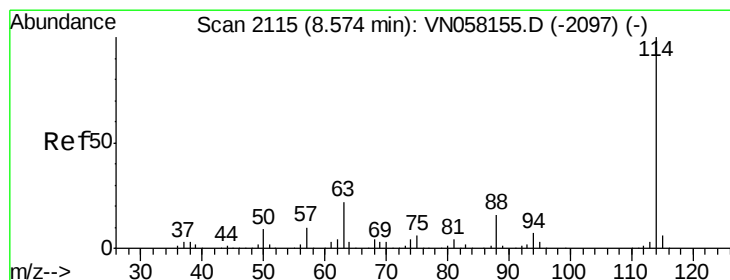
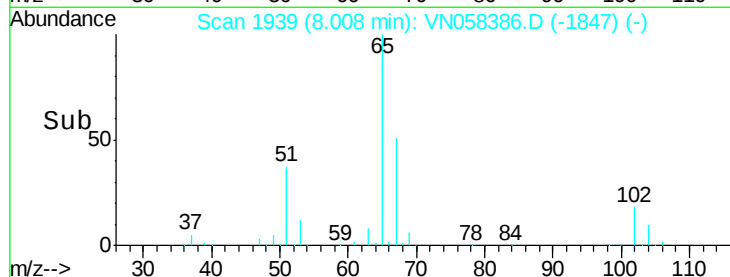
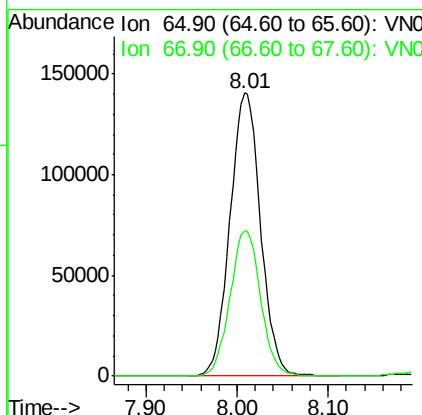
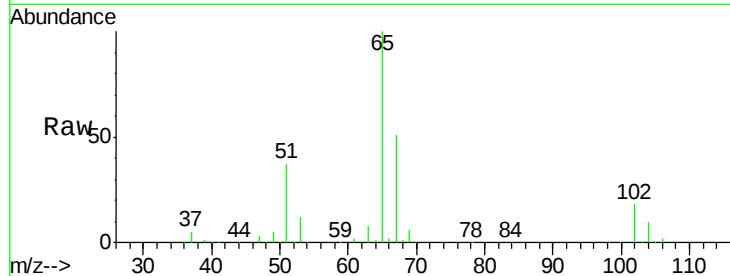




#33
 1,2-Dichloroethane-d4
 Concen: 50.115 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058386.D
 Acq: 26 Sep 2019 15:20

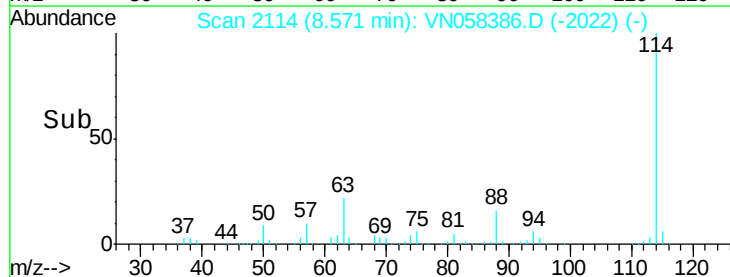
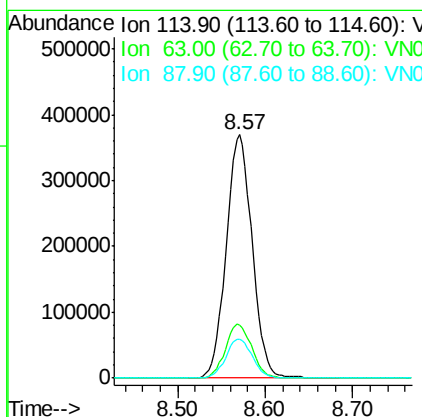
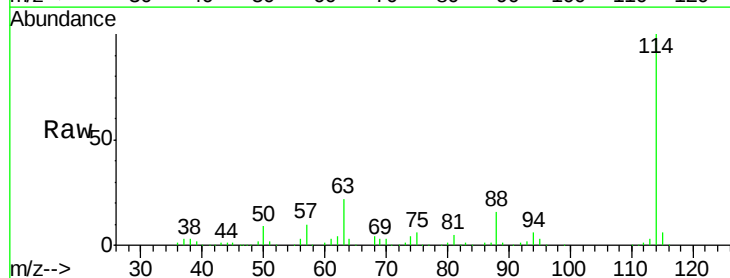
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

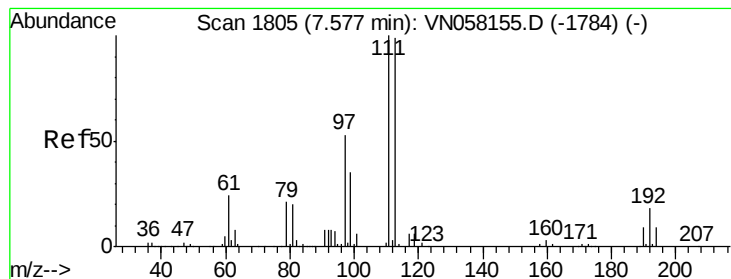
Tot Ion: 65 Resp: 328041
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058386.D
 Acq: 26 Sep 2019 15:20

Tgt Ion: 114 Resp: 760767
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.002 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VN058386.D

Acq: 26 Sep 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

MW-6

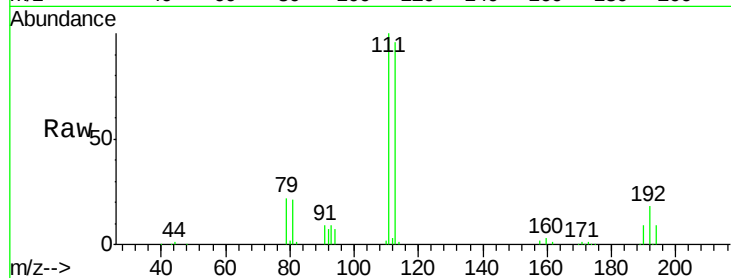
Tot Ion:113 Resp: 212751

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

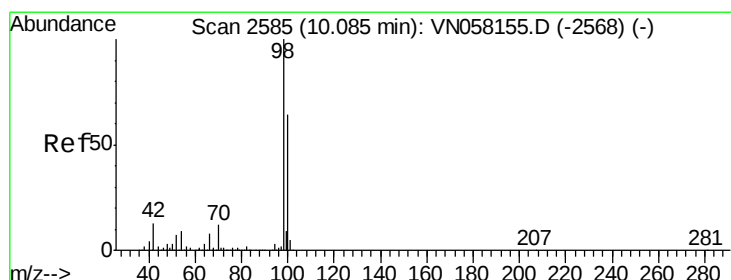
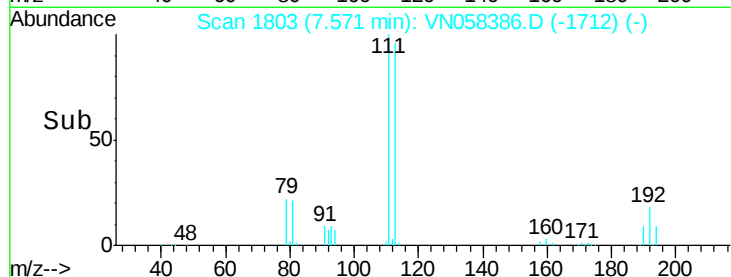
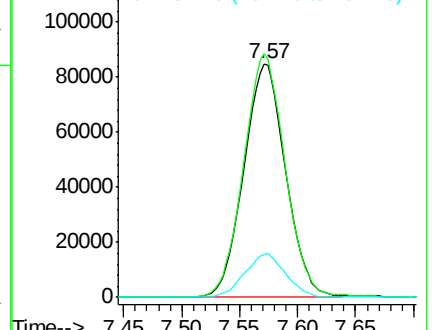
192 18.2 14.5 21.7



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: 51.689 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058386.D

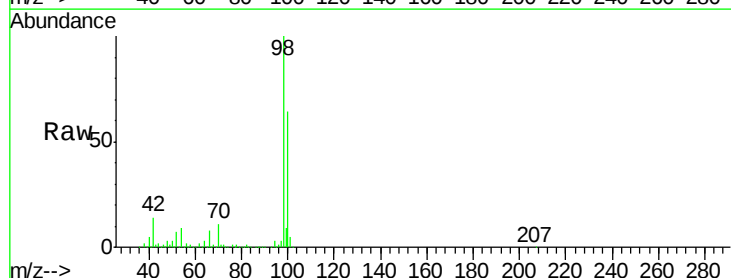
Acq: 26 Sep 2019 15:20

Tgt Ion: 98 Resp: 931399

Ion Ratio Lower Upper

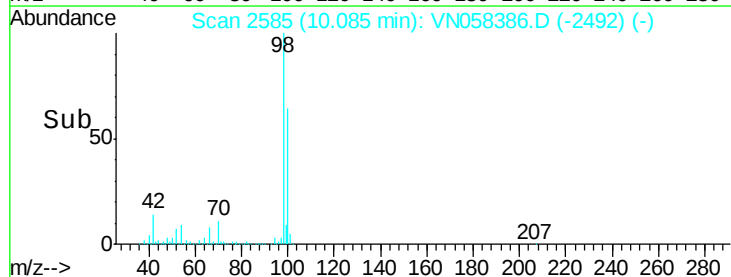
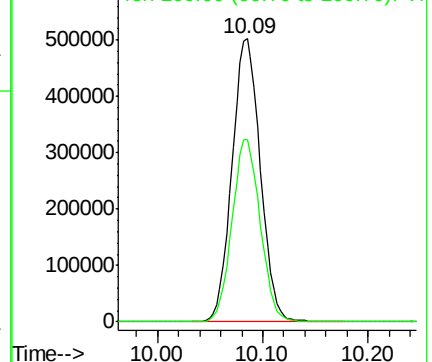
98 100

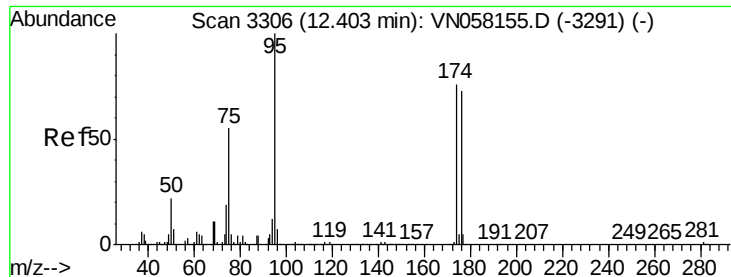
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.216 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058386.D

Acq: 26 Sep 2019 15:20

Instrument :

MSVOA_N

ClientSampled :

MW-6

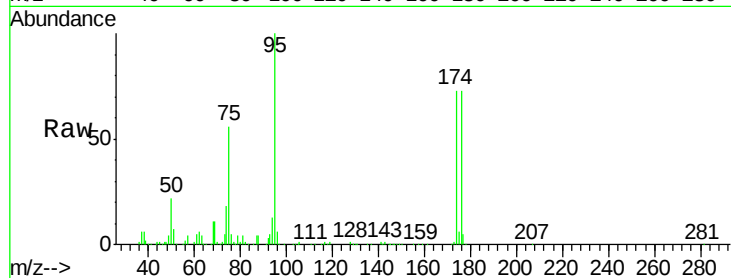
Tot Ion: 95 Resp: 282572

Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.2

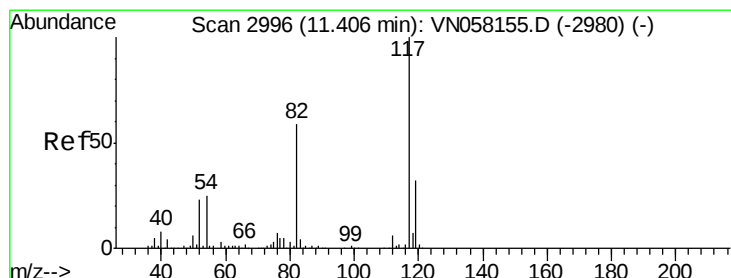
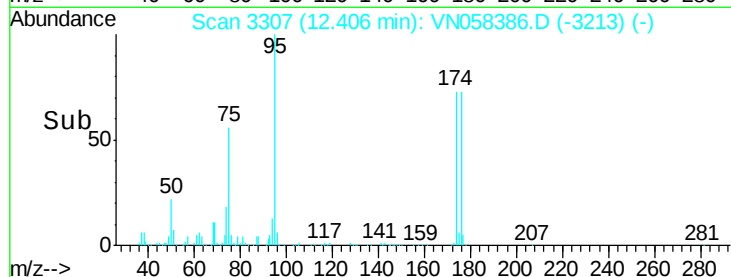
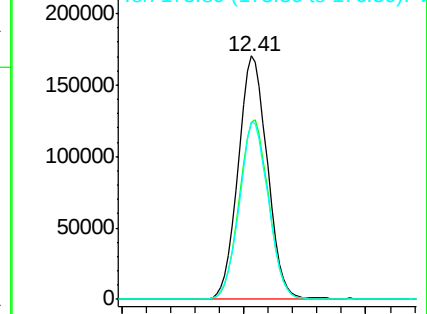
176 72.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058386.D

Acq: 26 Sep 2019 15:20

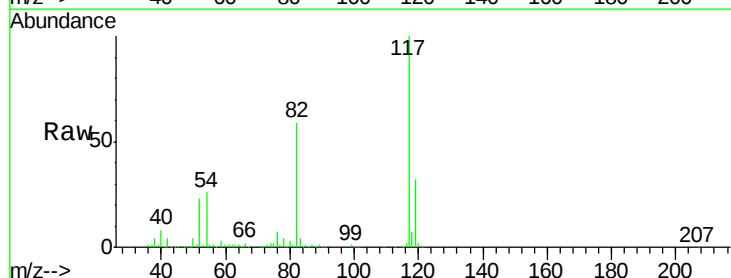
Tgt Ion: 117 Resp: 604109

Ion Ratio Lower Upper

117 100

82 59.3 46.9 70.3

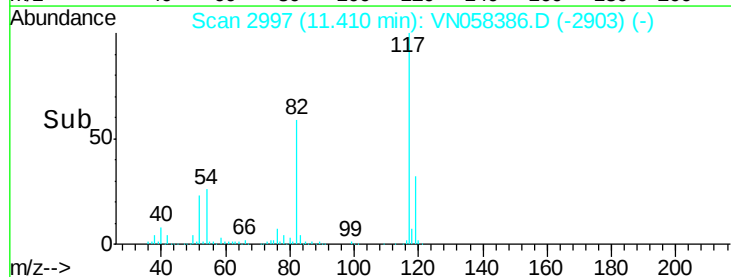
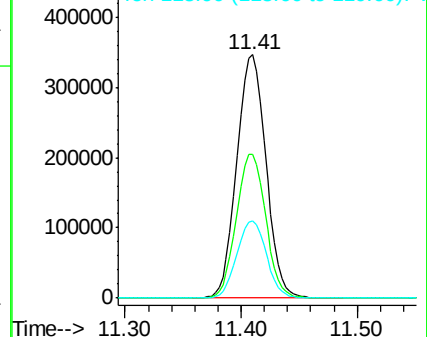
119 31.7 25.3 37.9

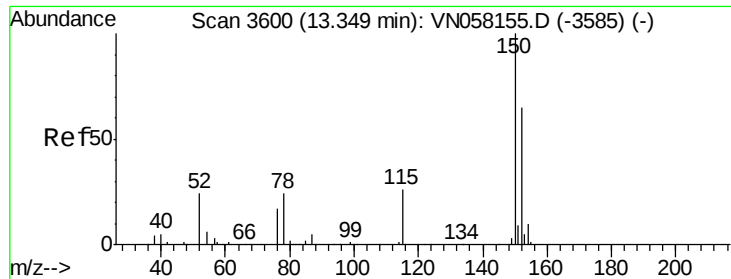


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)



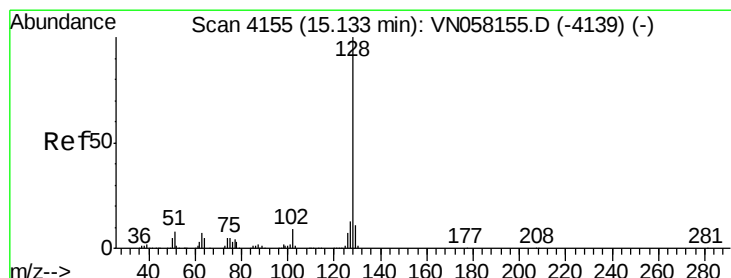
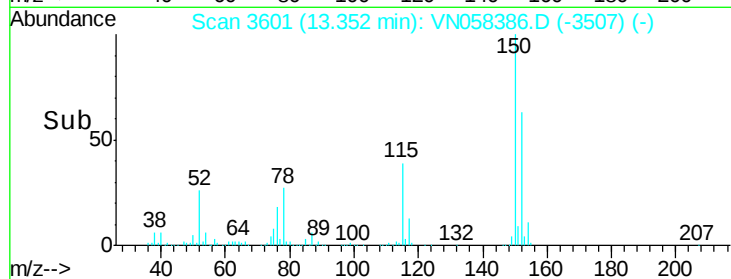
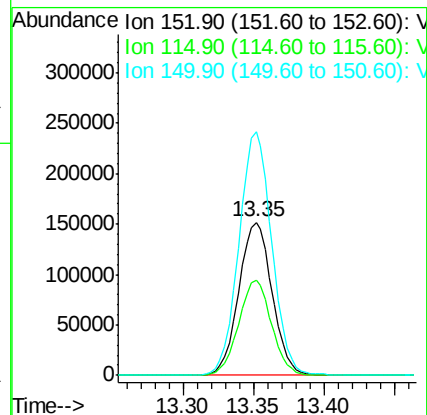
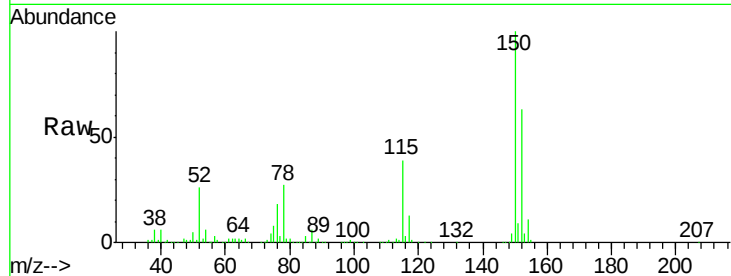


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058386.D
Acq: 26 Sep 2019 15:20

Instrument :
MSVOA_N
ClientSampled :
MW-6

Tot Ion:152 Resp: 251218
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.3
150 157.0 0.0 346.4



#95

Naphthalene
Concen: 8.390 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058386.D
Acq: 26 Sep 2019 15:20

Tgt Ion:128 Resp: 100678
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 12.8

