

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058512.D
 Acq On : 3 Oct 2019 16:06
 Operator : JC/SP
 Sample : K5143-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-100219

Quant Time: Oct 04 04:46:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

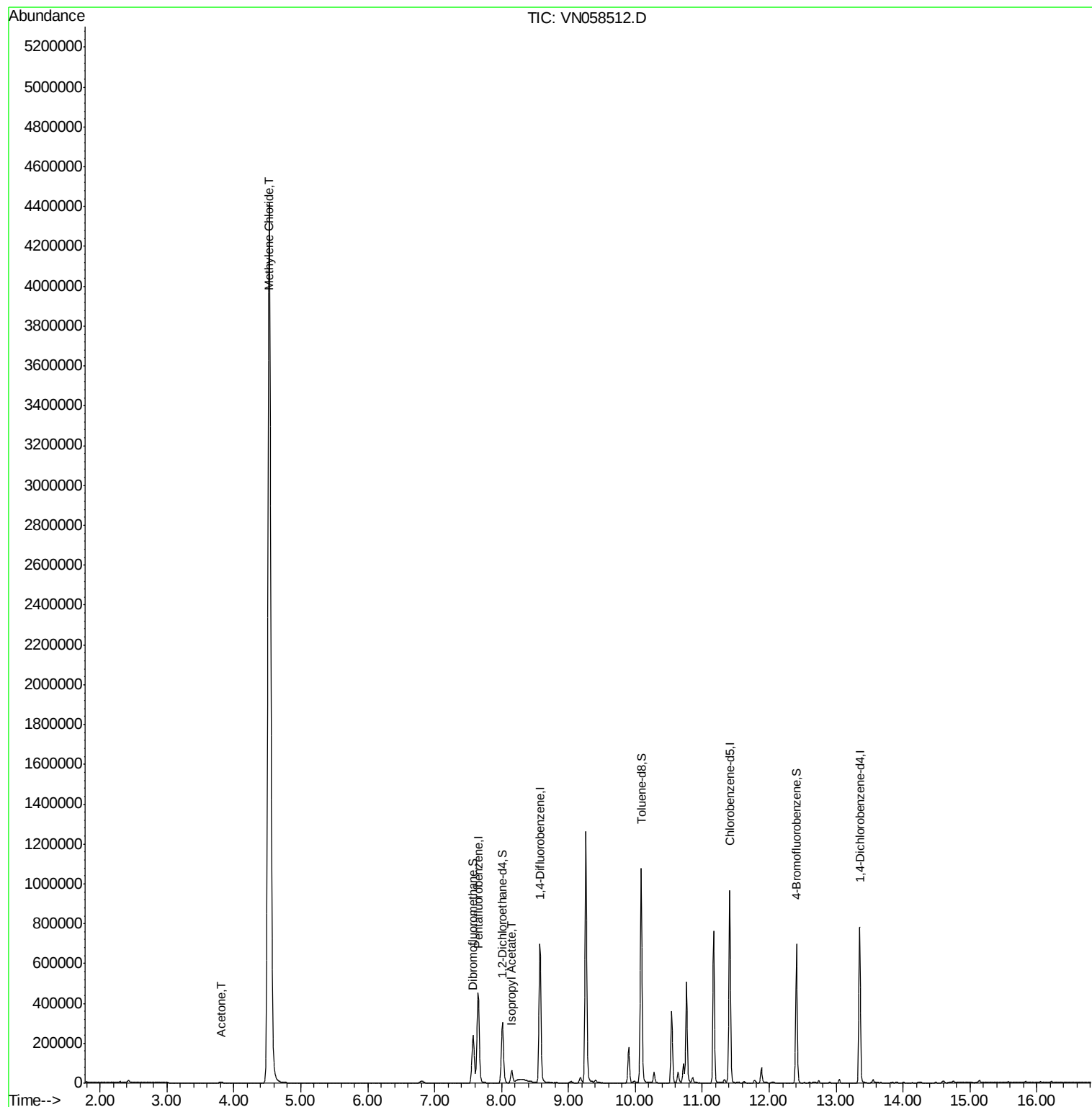
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	591036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	263725	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.57	113	184515	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	745909	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.41	95	231890	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
16) Acetone	3.80	43	11232	6.401	ug/l	97
20) Methylene Chloride	4.53	84	3240437	800.169	ug/l	97
43) Isopropyl Acetate	8.15	43	73309	8.136	ug/l	100

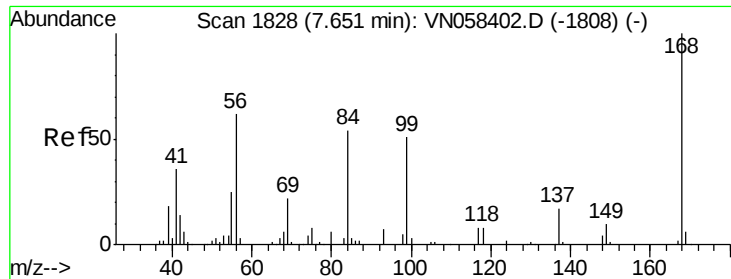
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

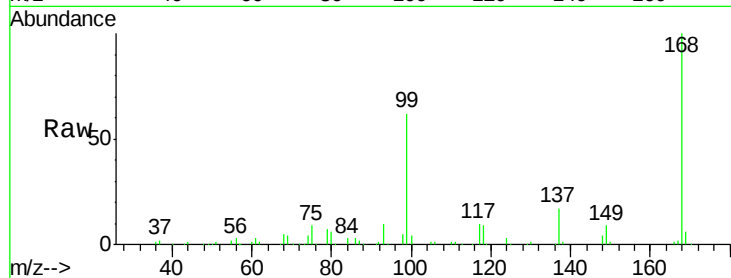
NB-08-100219

Tot Ion:168 Resp: 352266

Ion Ratio Lower Upper

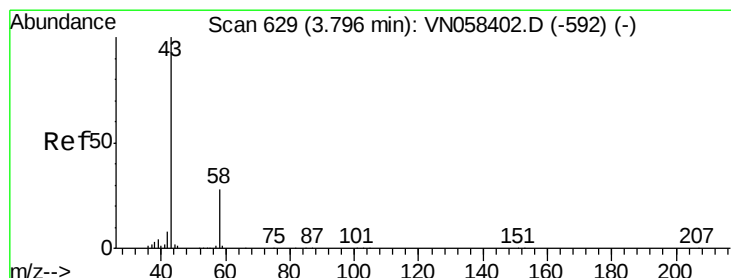
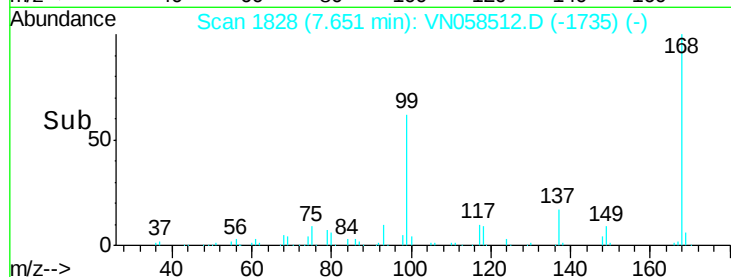
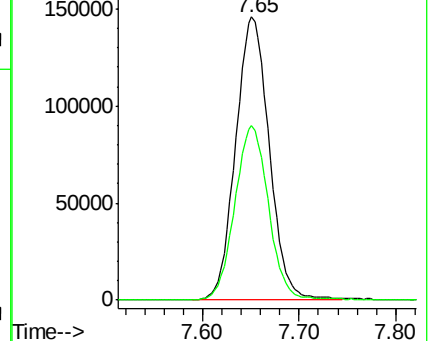
168 100

99 61.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.401 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058512.D

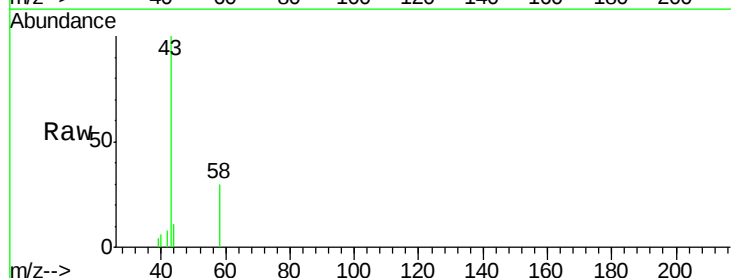
Acq: 3 Oct 2019 16:06

Tgt Ion: 43 Resp: 11232

Ion Ratio Lower Upper

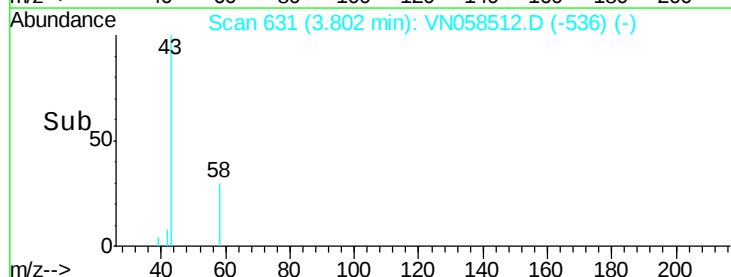
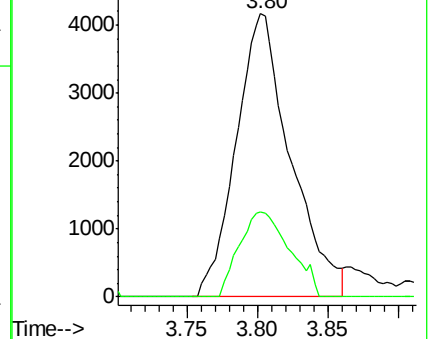
43 100

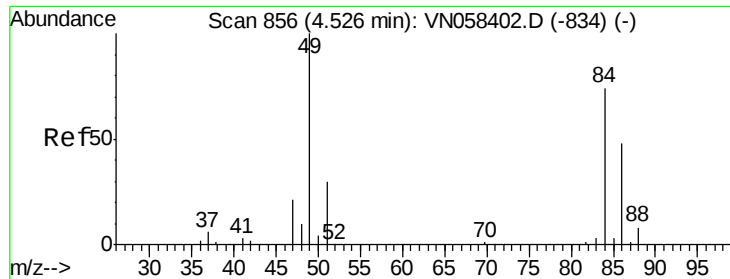
58 29.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



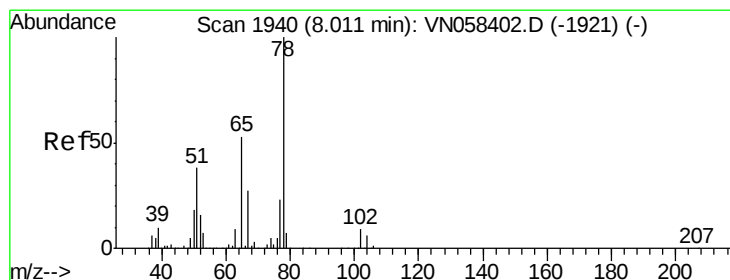
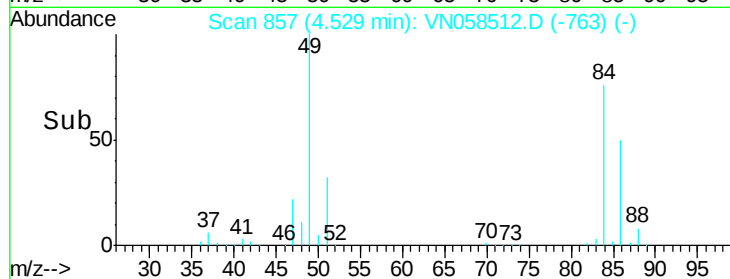
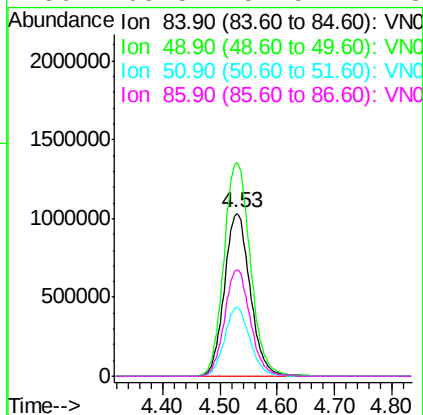
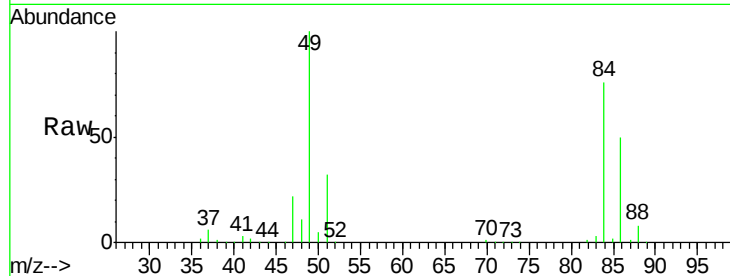


#20
Methylene Chloride
Concen: 800.169 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Instrument :
MSVOA_N
ClientSampleId :
NB-08-100219

Tot Ion: 84 Resp: 3240437

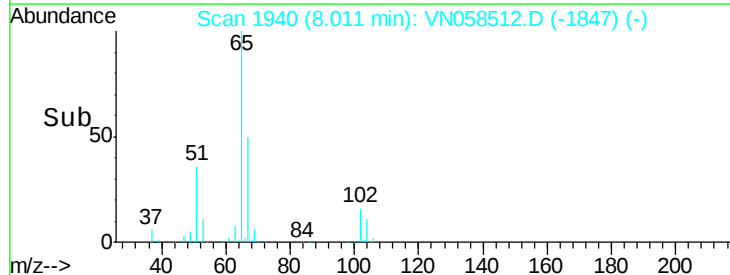
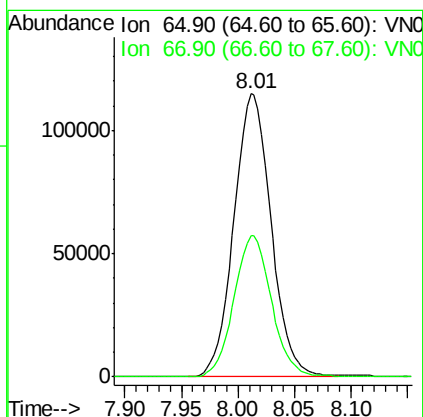
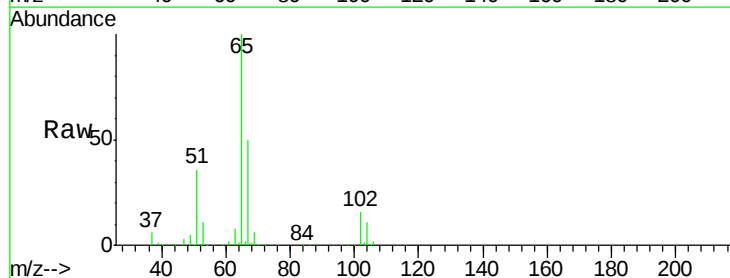
Ion	Ratio	Lower	Upper
84	100		
49	131.1	107.9	161.9
51	42.4	32.8	49.2
86	65.5	51.5	77.3

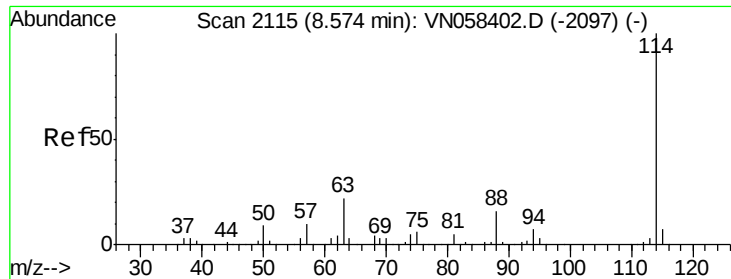


#33
1,2-Dichloroethane-d4
Concen: 51.231 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion: 65 Resp: 263725

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.4

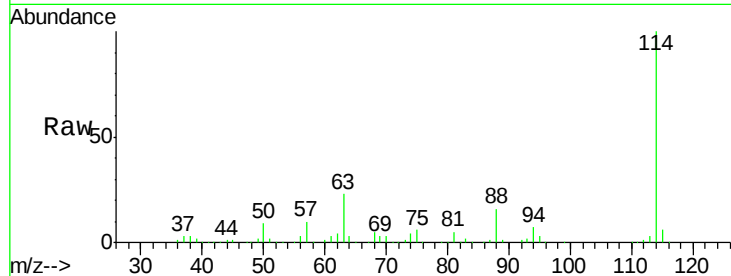




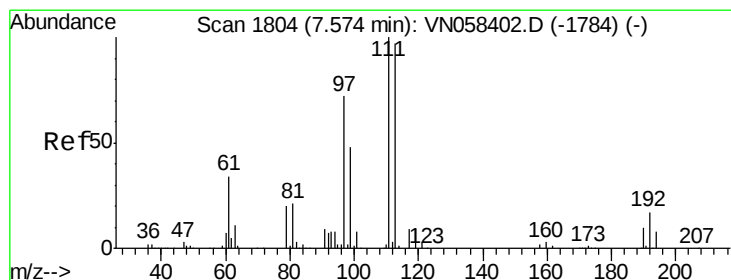
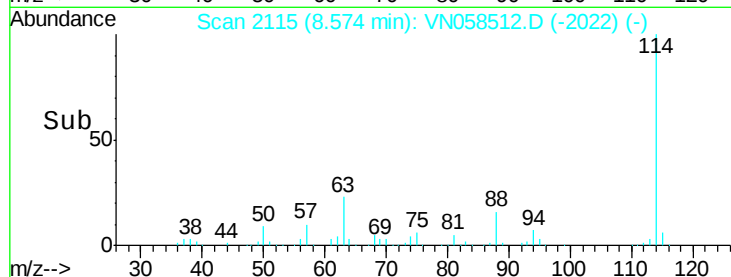
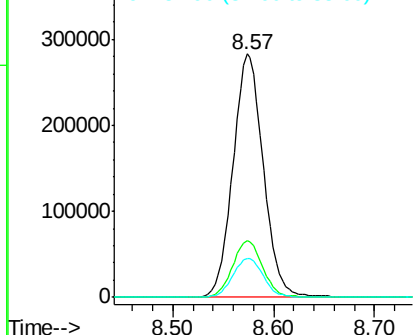
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Instrument :
MSVOA_N
ClientSampleId :
NB-08-100219

Tot Ion:114 Resp: 591036
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 16.1 0.0 32.2

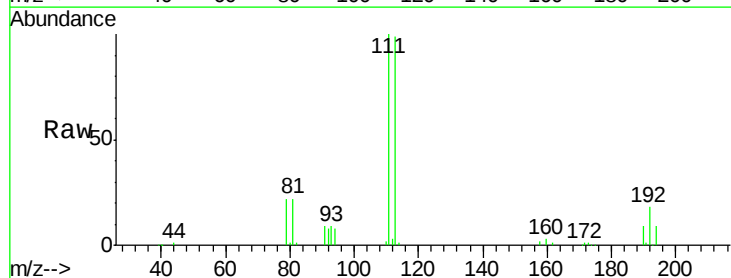


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VNO
Ion 87.90 (87.60 to 88.60): VNO

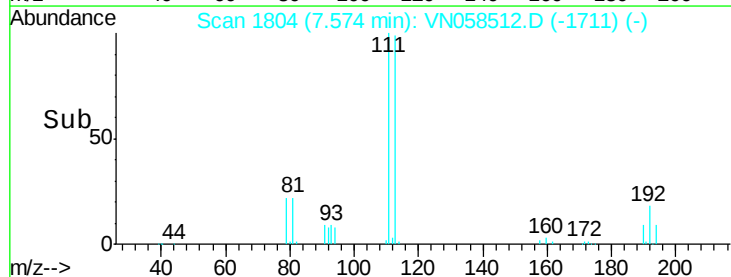
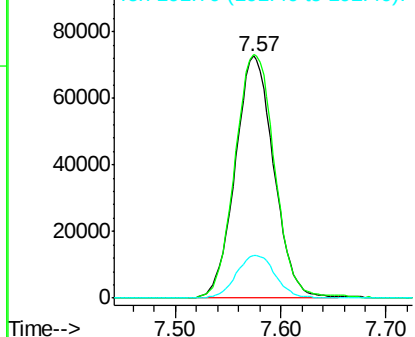


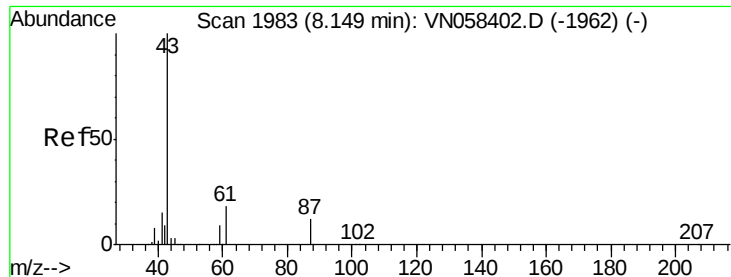
#35
Dibromofluoromethane
Concen: 50.937 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058512.D
Acq: 3 Oct 2019 16:06

Tgt Ion:113 Resp: 184515
Ion Ratio Lower Upper
113 100
111 104.0 83.4 125.2
192 17.8 14.9 22.3



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





#43

Isopropyl Acetate

Concen: 8.136 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

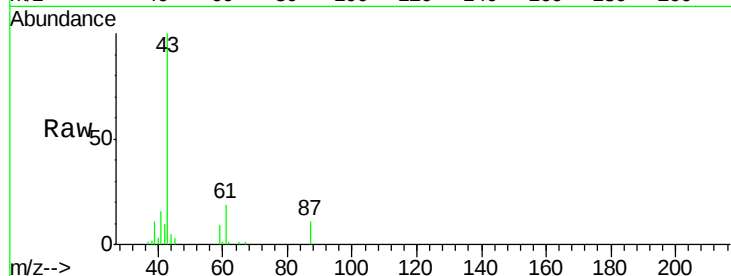
Tot Ion: 43 Resp: 73309

Ion Ratio Lower Upper

43 100

61 18.6 14.8 22.2

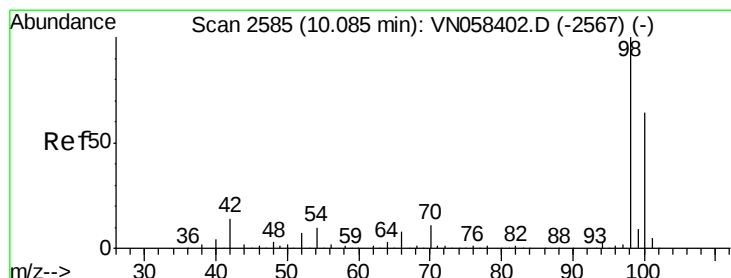
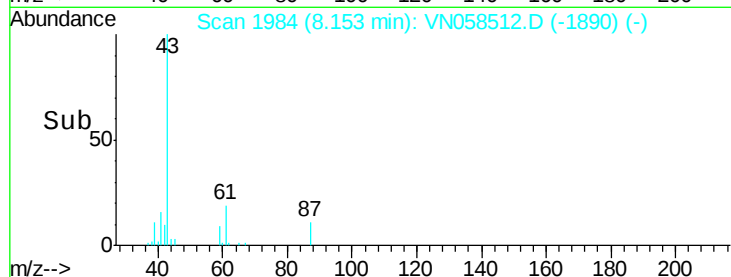
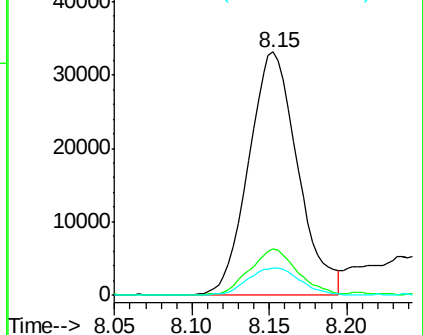
87 12.0 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.564 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058512.D

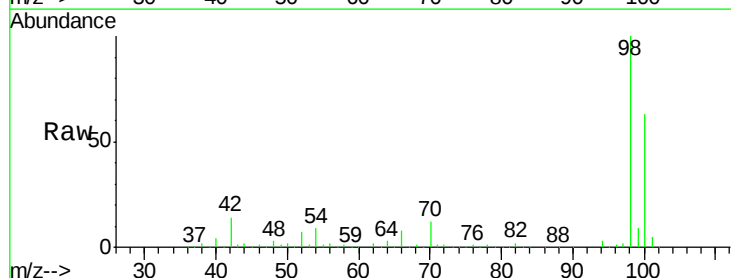
Acq: 3 Oct 2019 16:06

Tgt Ion: 98 Resp: 745909

Ion Ratio Lower Upper

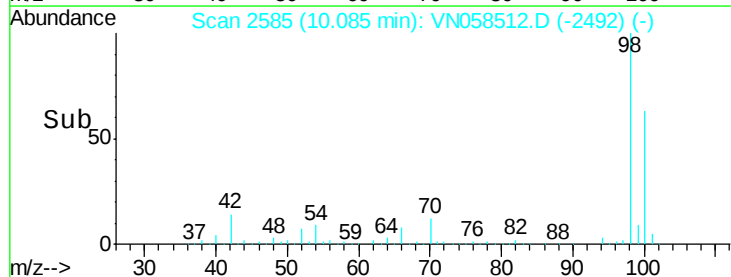
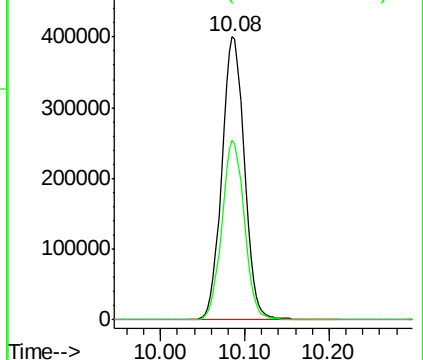
98 100

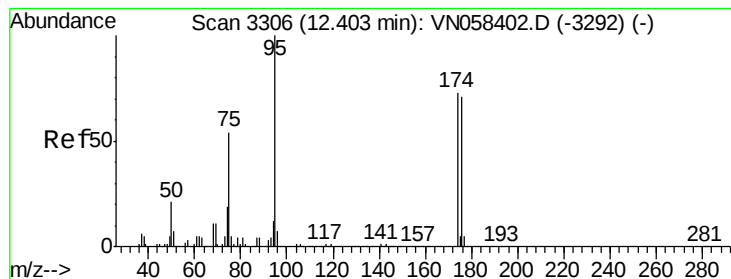
100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.194 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

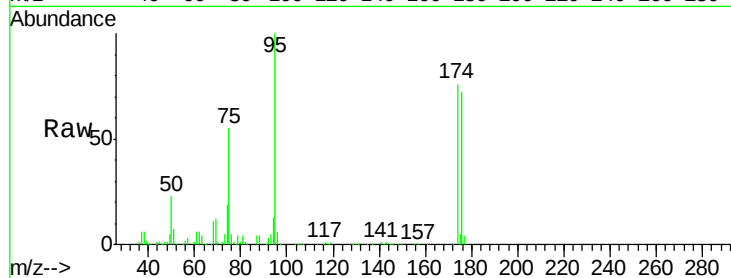
Tot Ion: 95 Resp: 231890

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

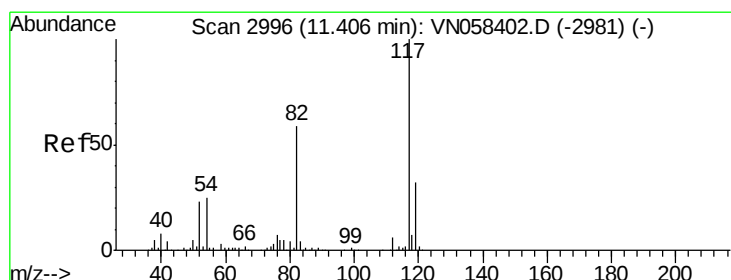
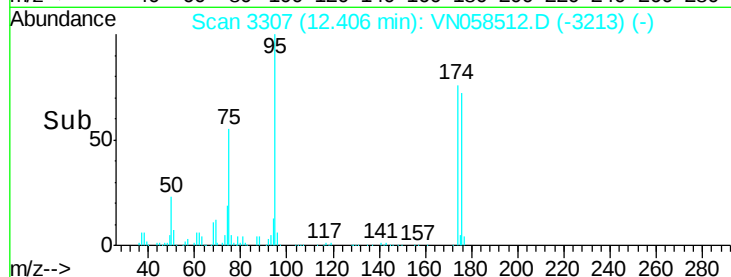
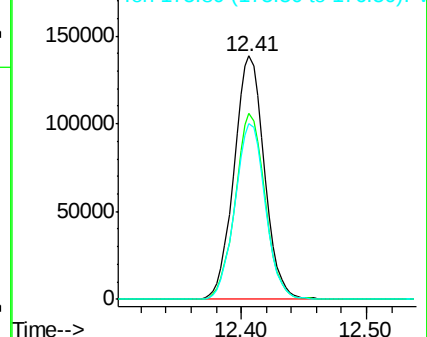
176 72.4 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058512.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058512.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058512.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

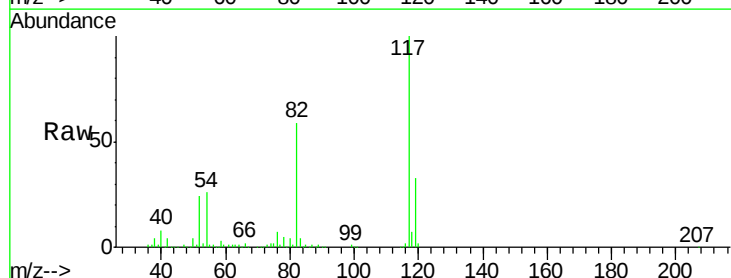
Tgt Ion: 117 Resp: 519932

Ion Ratio Lower Upper

117 100

82 59.2 47.4 71.0

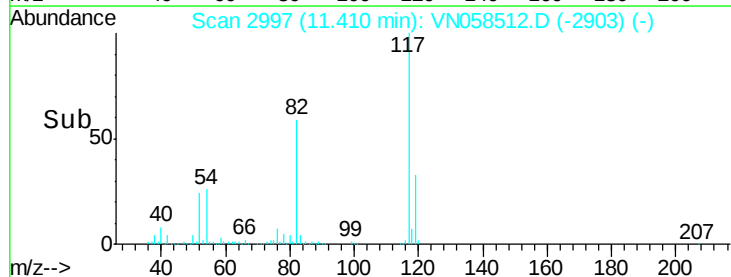
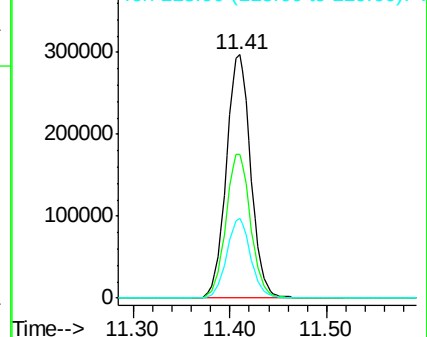
119 32.8 25.5 38.3

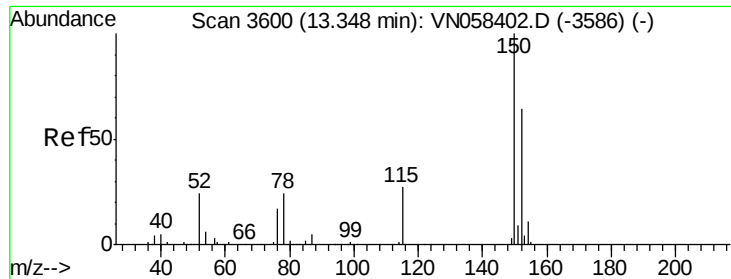


Abundance Ion 116.90 (116.60 to 117.60): VN058512.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058512.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058512.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058512.D

Acq: 3 Oct 2019 16:06

Instrument :

MSVOA_N

ClientSampleId :

NB-08-100219

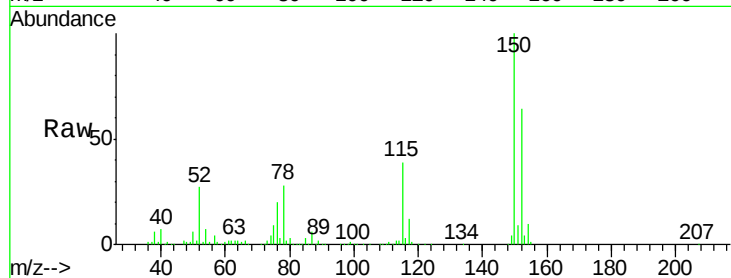
Tot Ion:152 Resp: 195475

Ion Ratio Lower Upper

152 100

115 62.2 30.0 90.0

150 158.5 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

