

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059031.D
 Acq On : 31 Oct 2019 12:04
 Operator : JC/SP
 Sample : K5143-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-103019

Quant Time: Nov 01 01:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

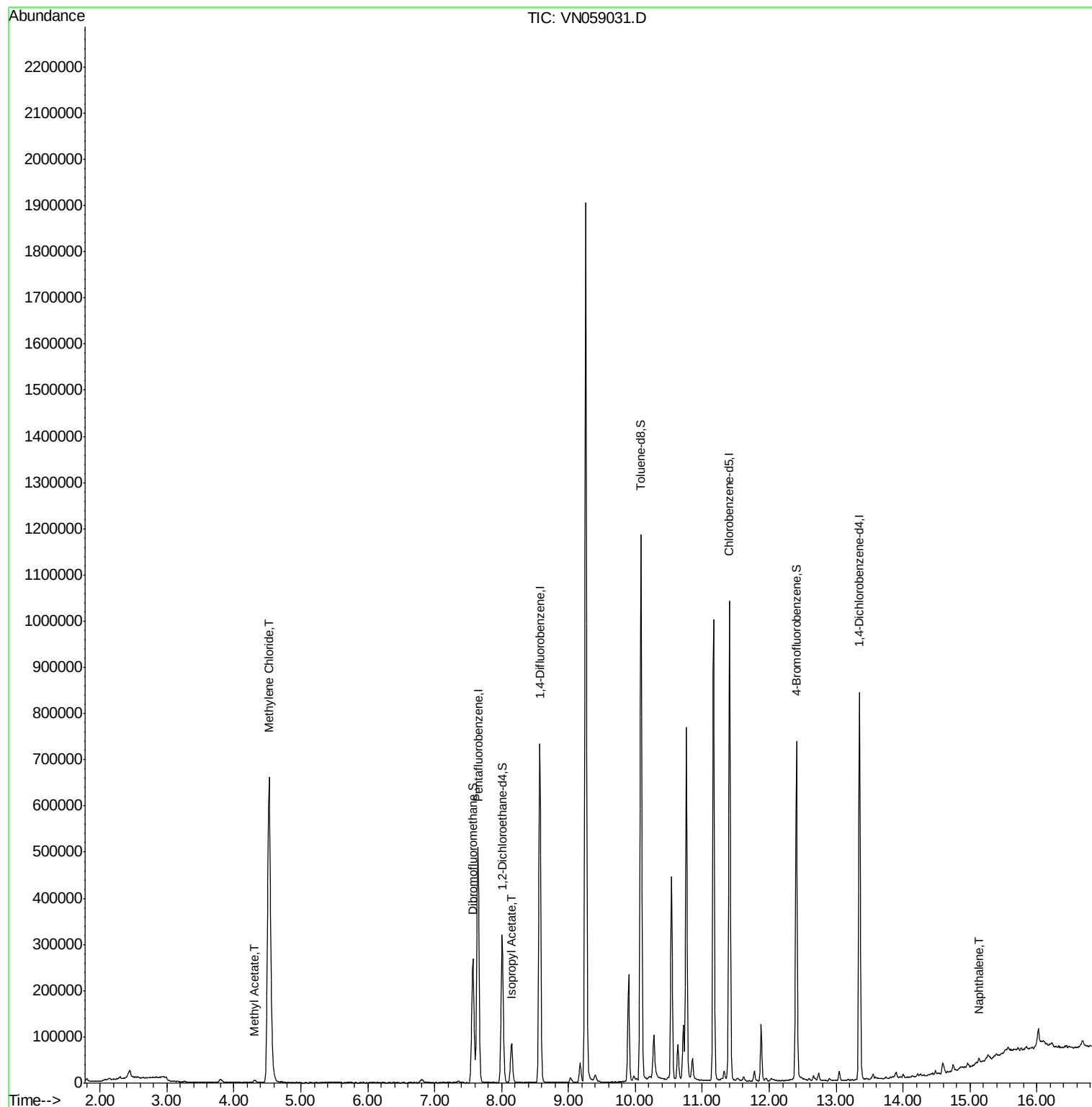
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	409838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	638687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275848	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.78%	
35) Dibromofluoromethane	7.57	113	205510	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.08	98	812735	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.41	95	265766	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
18) Methyl Acetate	4.31	43	9154	1.356	ug/l #	74
20) Methylene Chloride	4.53	84	522072	102.937	ug/l	97
43) Isopropyl Acetate	8.15	43	101750	8.905	ug/l #	93
95) Naphthalene	15.13	128	8688	2.898	ug/l #	95

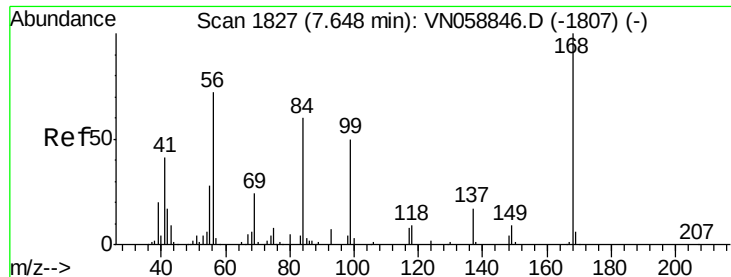
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
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Quant Time: Nov 01 01:06:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

Instrument :

MSVOA_N

ClientSampleId :

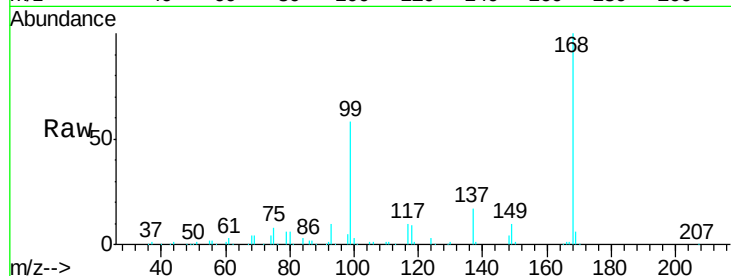
NB-08-103019

Tgt Ion:168 Resp: 409838

Ion Ratio Lower Upper

168 100

99 58.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

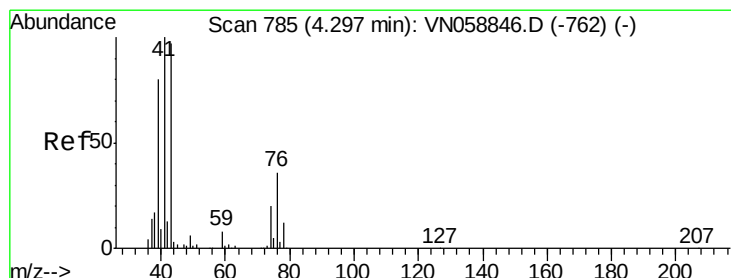
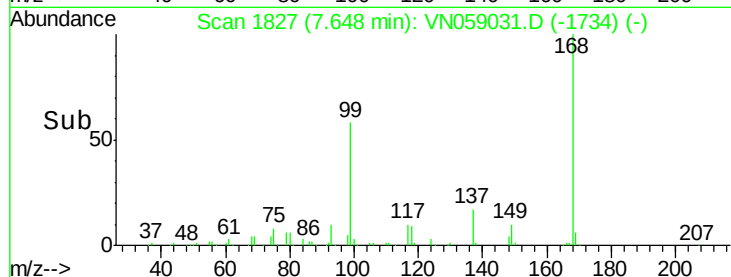
100000

50000

0

7.60 7.70 7.80

Time-->



#18

Methyl Acetate

Concen: 1.356 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN059031.D

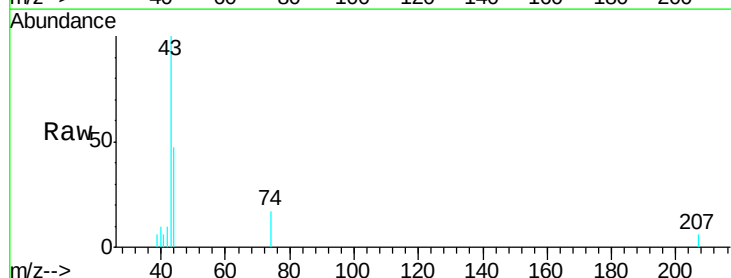
Acq: 31 Oct 2019 12:04

Tgt Ion: 43 Resp: 9154

Ion Ratio Lower Upper

43 100

74 9.1 17.1 25.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-762) (-)

Ion 74.00 (73.70 to 74.70): VN058846.D (-762) (-)

4.31

3000

2500

2000

1500

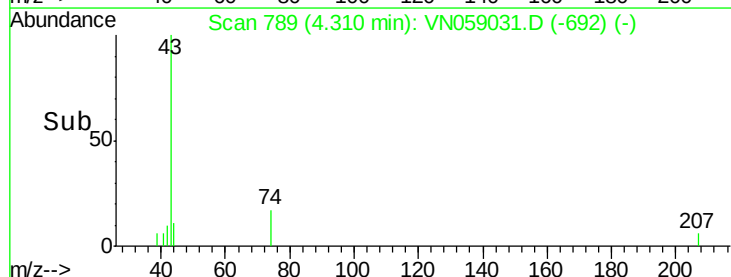
1000

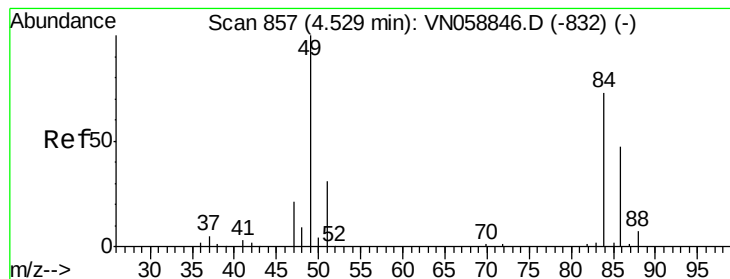
500

0

4.20 4.30 4.40

Time-->





#20

Methylene Chloride

Concen: 102.937 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

Instrument :

MSVOA_N

ClientSampleId :

NB-08-103019

Tgt Ion: 84 Resp: 522072

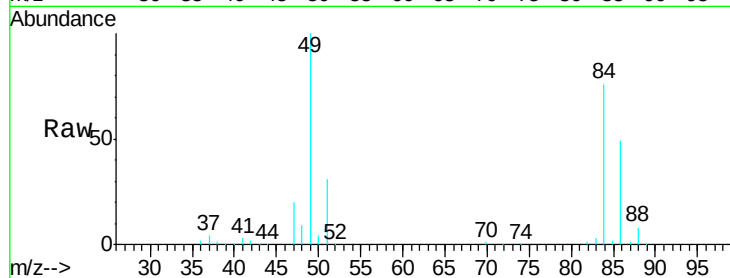
Ion Ratio Lower Upper

84 100

49 131.5 109.6 164.4

51 40.3 33.8 50.6

86 64.4 51.5 77.3

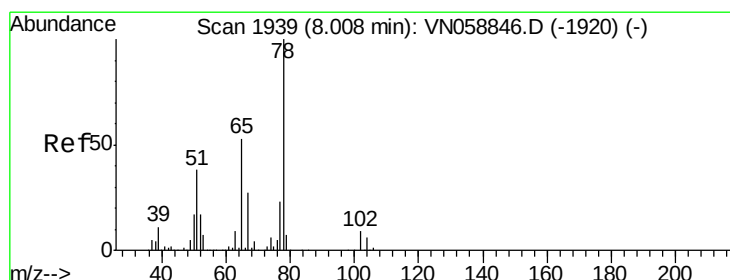
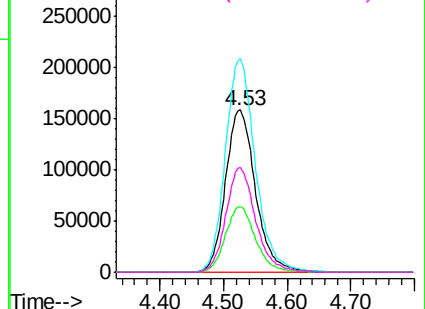
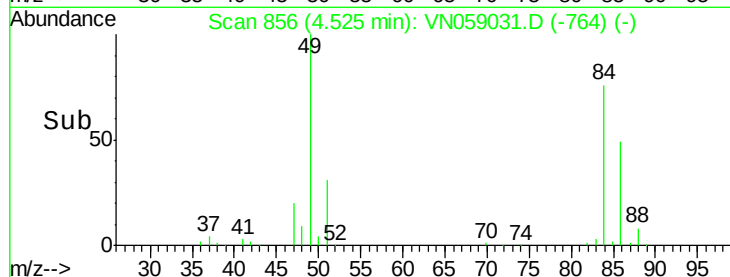


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 45.891 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059031.D

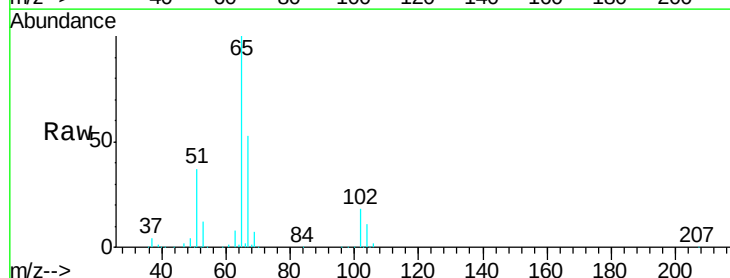
Acq: 31 Oct 2019 12:04

Tgt Ion: 65 Resp: 275848

Ion Ratio Lower Upper

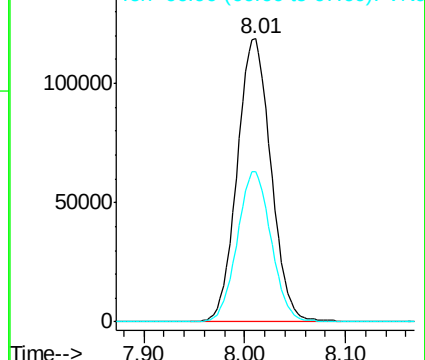
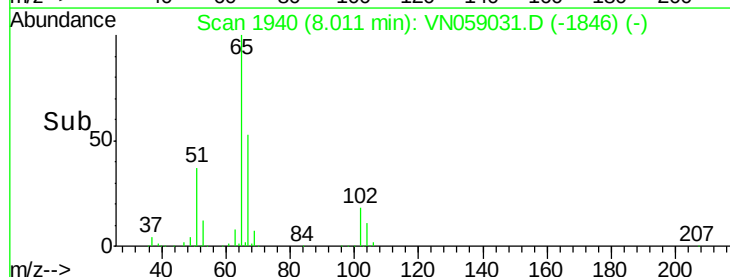
65 100

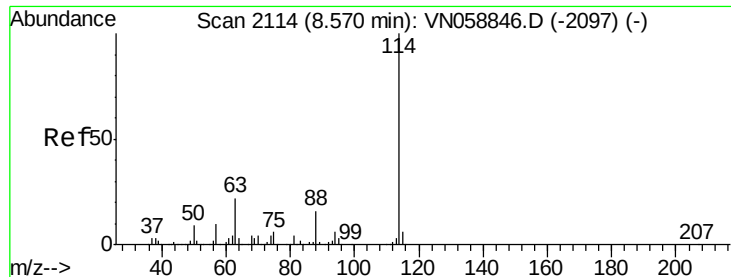
67 53.3 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

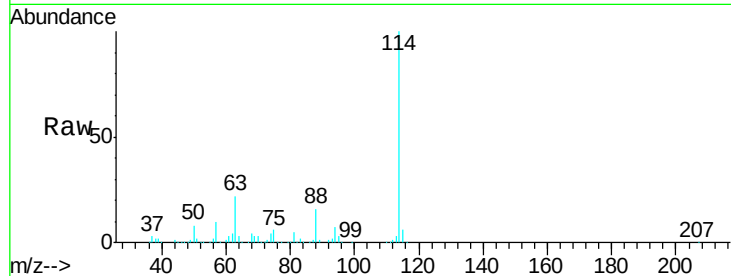




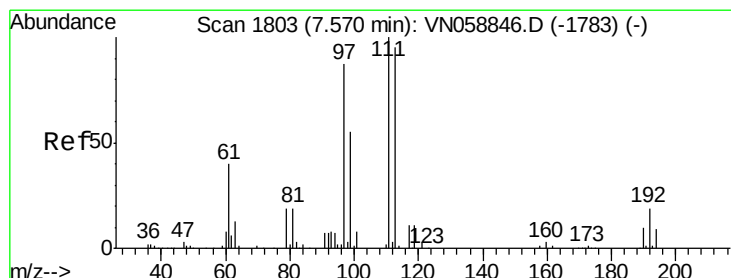
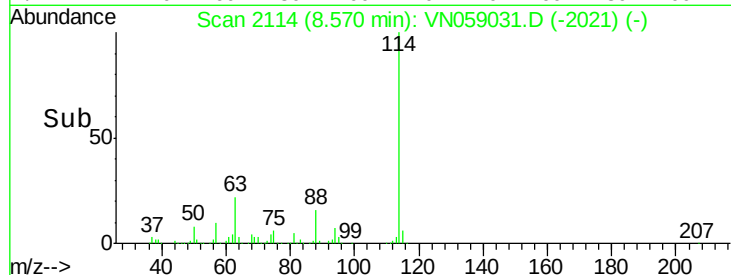
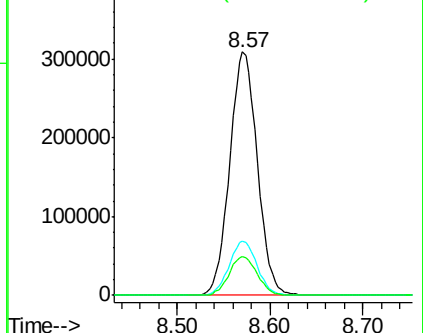
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059031.D
 Acq: 31 Oct 2019 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-08-103019

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	15.9	0.0	31.4

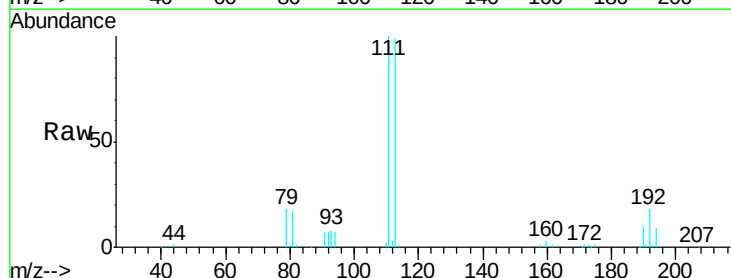


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

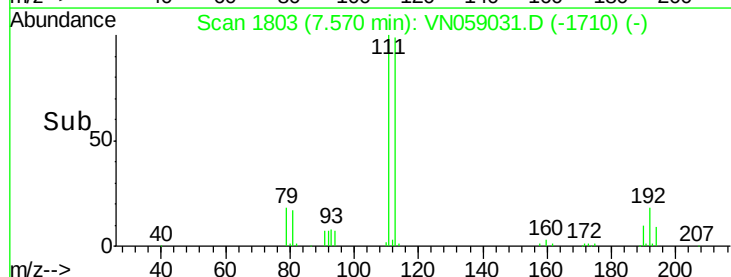
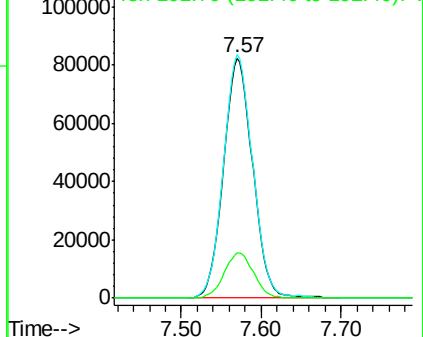


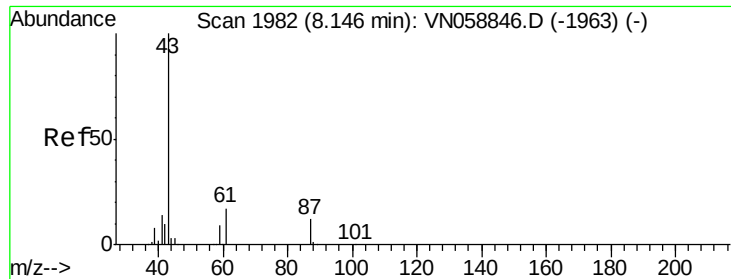
#35
 Dibromofluoromethane
 Concen: 48.940 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN059031.D
 Acq: 31 Oct 2019 12:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	19.0	15.0	22.6



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: 8.905 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

Instrument :

MSVOA_N

ClientSampleId :

NB-08-103019

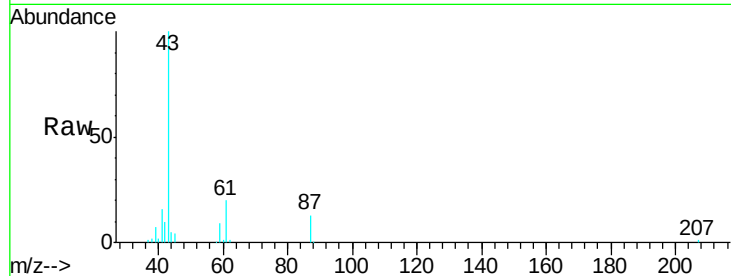
Tgt Ion: 43 Resp: 101750

Ion Ratio Lower Upper

43 100

61 20.1 20.2 30.2#

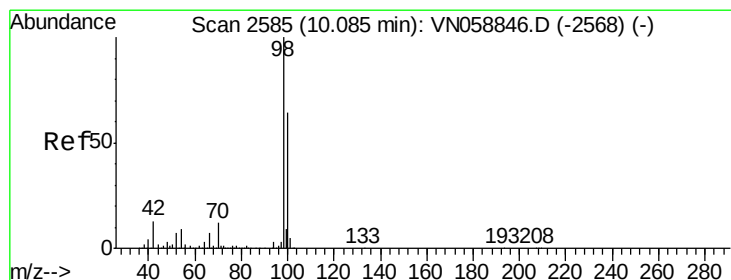
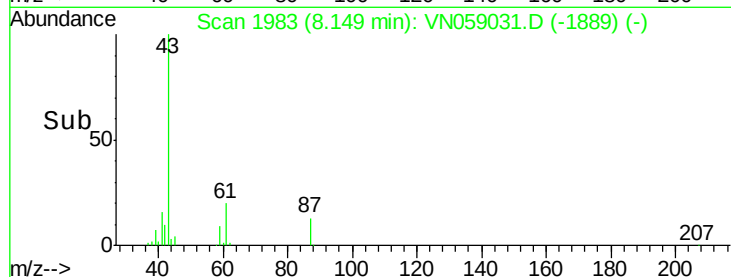
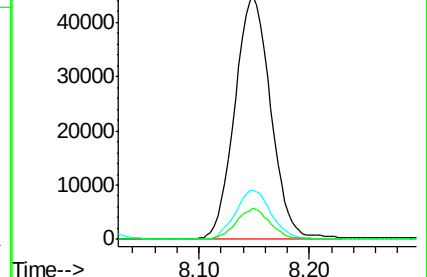
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN058846.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN058846.D (-1963) (-)



#50

Toluene-d8

Concen: 49.859 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059031.D

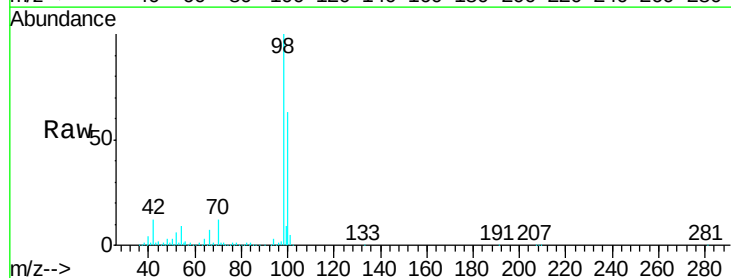
Acq: 31 Oct 2019 12:04

Tgt Ion: 98 Resp: 812735

Ion Ratio Lower Upper

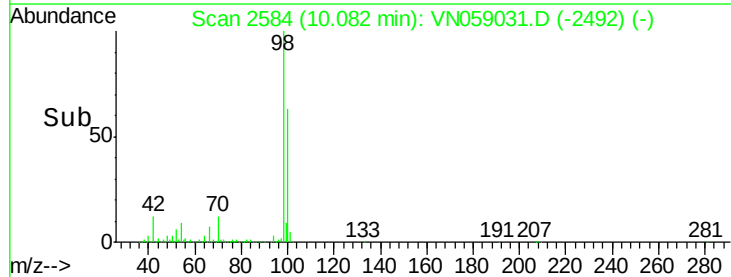
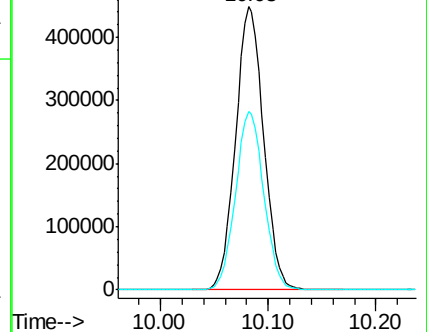
98 100

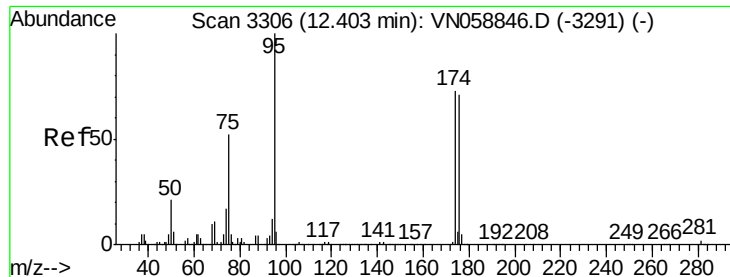
100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN058846.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 44.398 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

Instrument :

MSVOA_N

ClientSampleId :

NB-08-103019

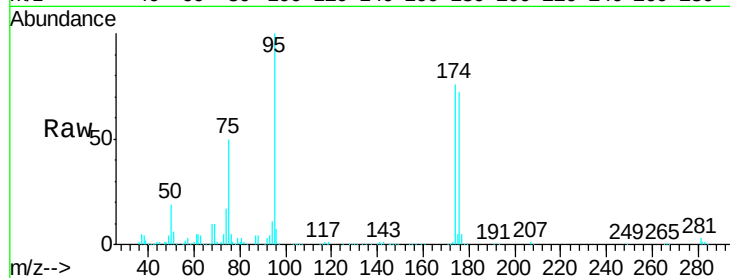
Tgt Ion: 95 Resp: 265766

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

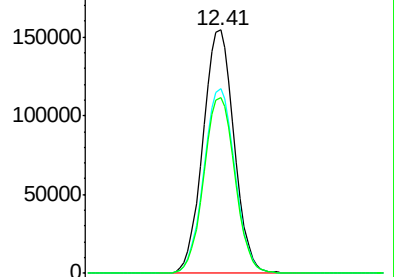
176 72.7 0.0 143.2



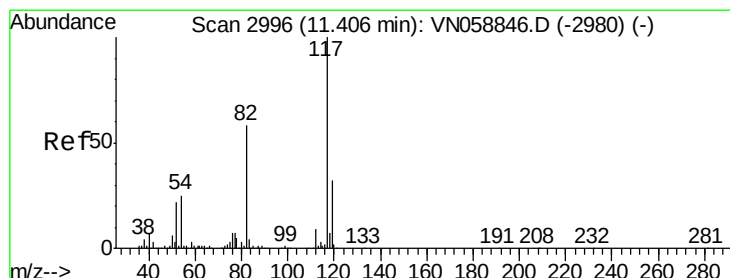
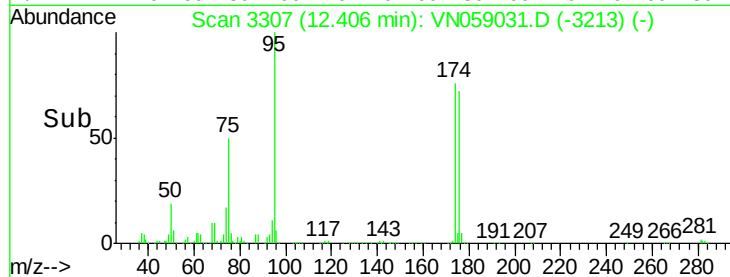
Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058846.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058846.D (-3291) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

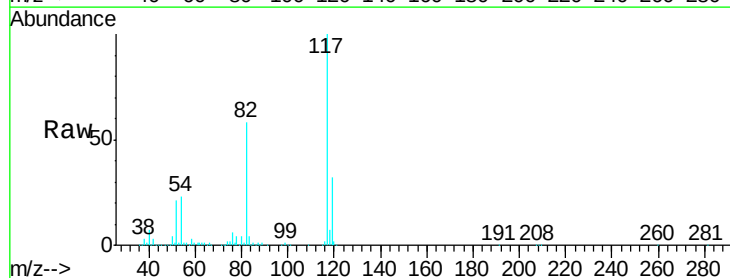
Tgt Ion: 117 Resp: 583672

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

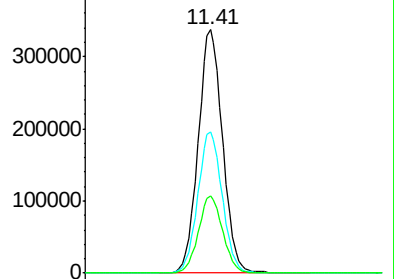
119 31.7 25.6 38.4



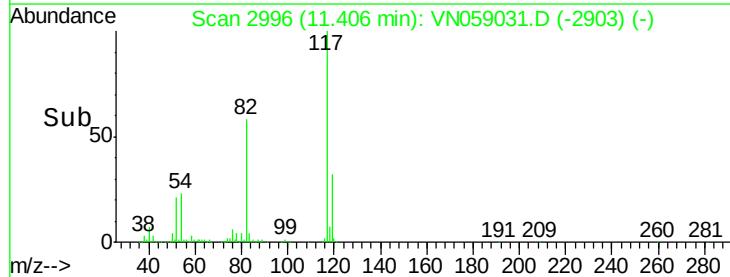
Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

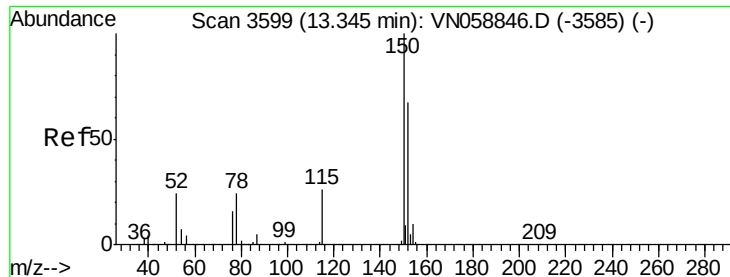
Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058846.D (-2980) (-)



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

Instrument :

MSVOA_N

ClientSampleId :

NB-08-103019

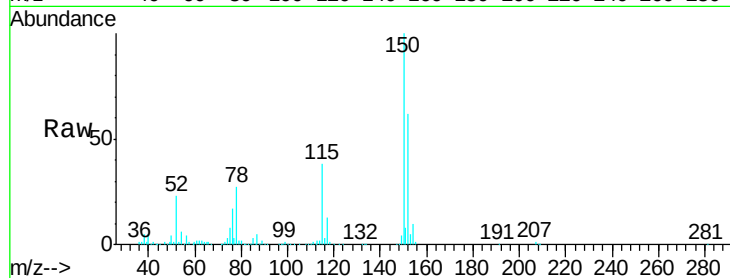
Tgt Ion:152 Resp: 215309

Ion Ratio Lower Upper

152 100

115 61.4 30.5 91.5

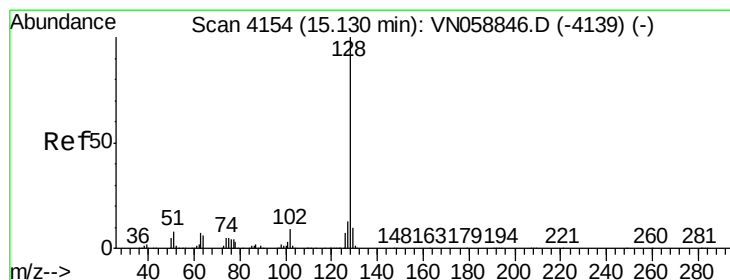
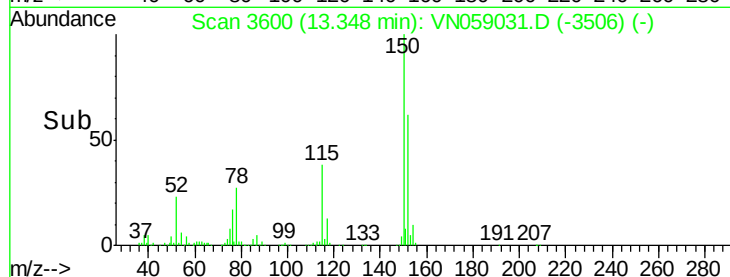
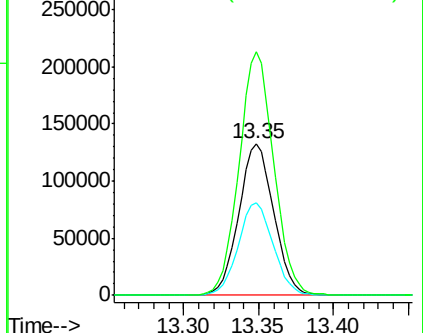
150 160.2 0.0 344.4



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



#95

Naphthalene

Concen: 2.898 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059031.D

Acq: 31 Oct 2019 12:04

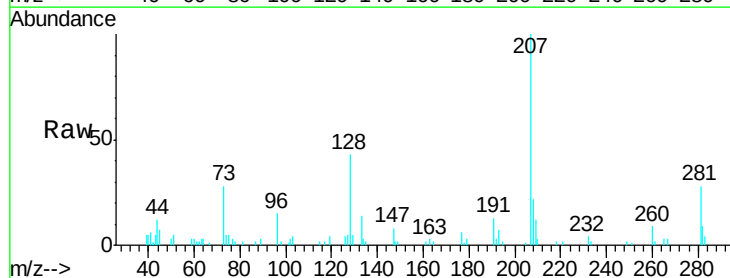
Tgt Ion:128 Resp: 8688

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 14.6 8.4 12.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

