

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058852.D
 Acq On : 18 Oct 2019 13:01
 Operator : JC/SP
 Sample : K5439-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33RD-ST-7TH-AVE-EAST-COMP

Quant Time: Oct 21 07:55:11 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

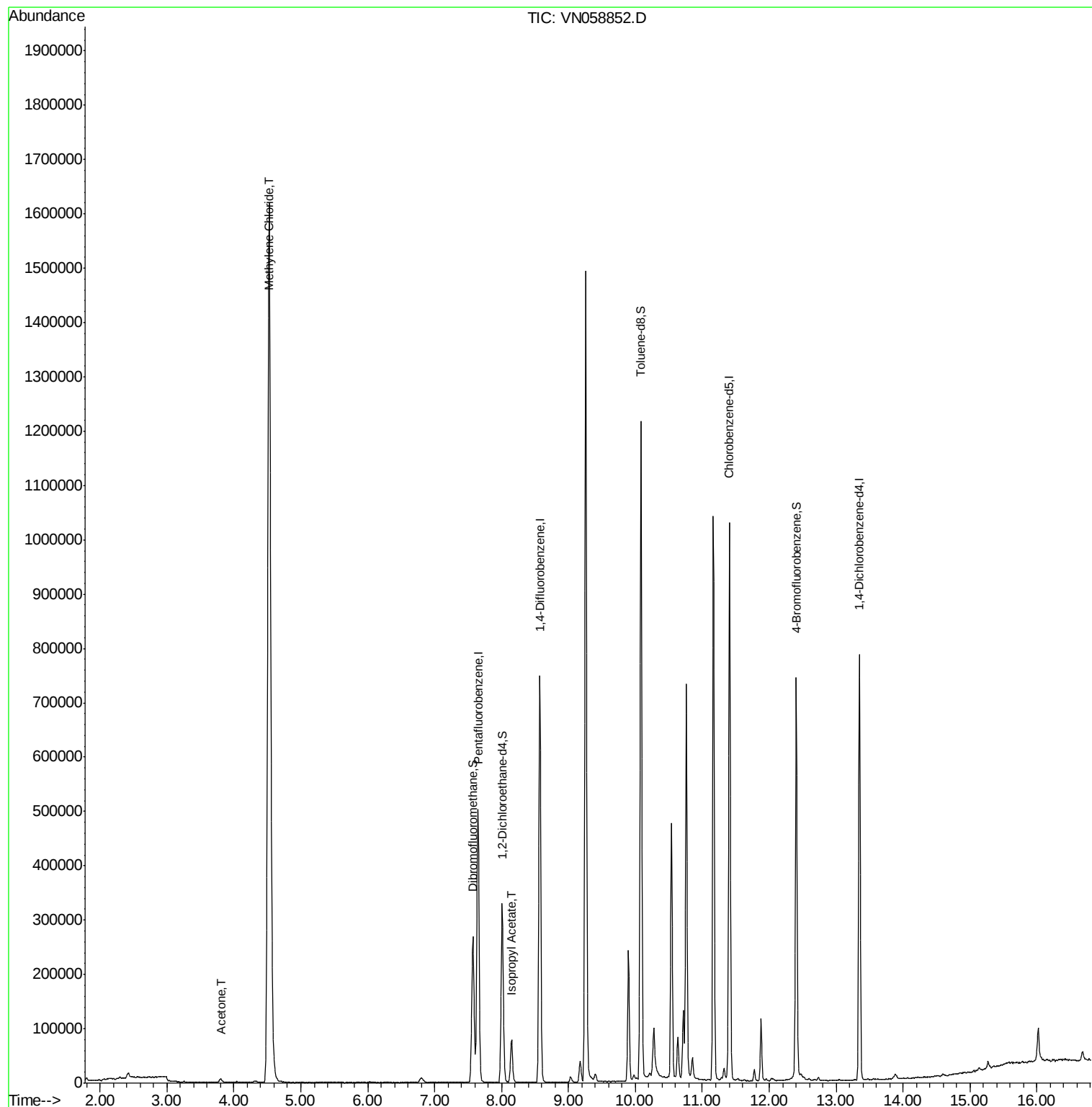
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	629572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	286930	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	203892	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	10.08	98	808985	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	249731	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
16) Acetone	3.80	43	11981	4.186	ug/l	99
20) Methylene Chloride	4.53	84	1217658	249.179	ug/l	100
43) Isopropyl Acetate	8.15	43	91235	8.100	ug/l #	91

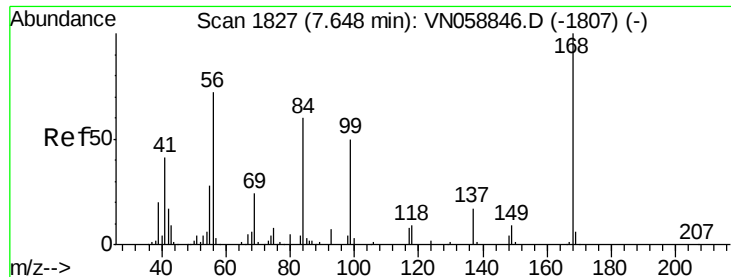
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058852.D

Acq: 18 Oct 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

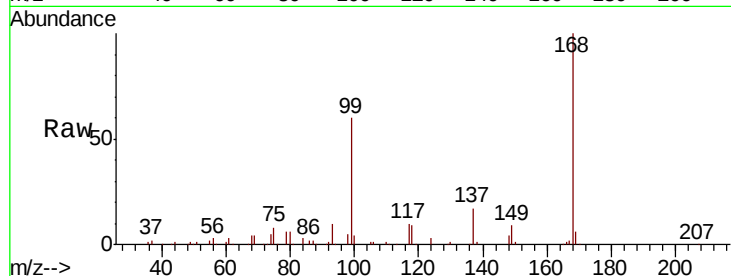
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion:168 Resp: 394882

Ion Ratio Lower Upper

168 100

99 59.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

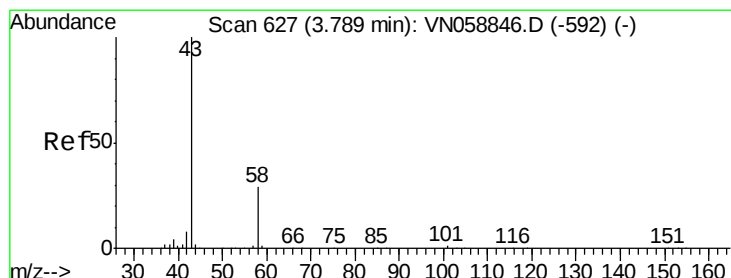
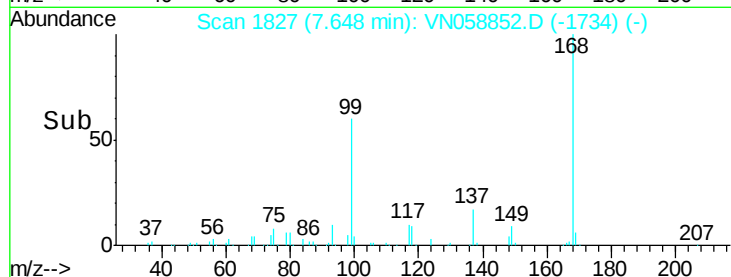
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.186 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058852.D

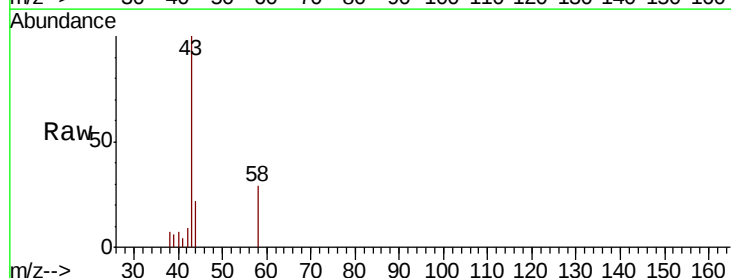
Acq: 18 Oct 2019 13:01

Tgt Ion: 43 Resp: 11981

Ion Ratio Lower Upper

43 100

58 28.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

4000

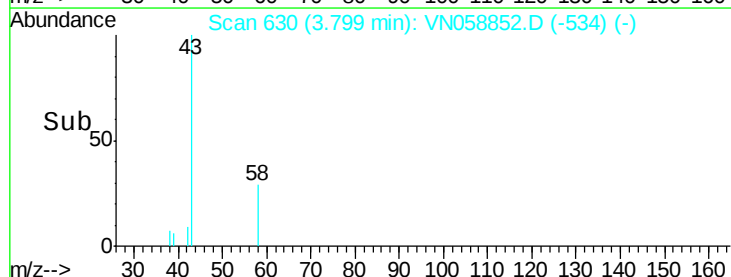
3000

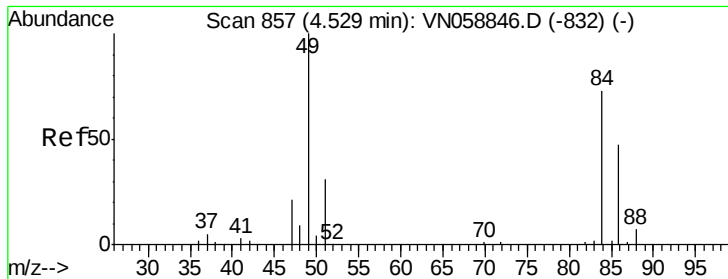
2000

1000

0

Time-->



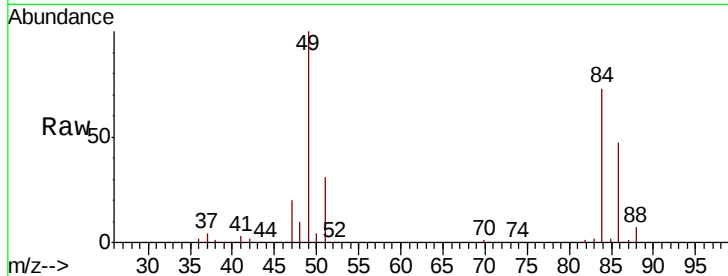


#20
Methylene Chloride
Concen: 249.179 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058852.D
Acq: 18 Oct 2019 13:01

Instrument :
MSVOA_N
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

Tot Ion: 84 Resp: 1217658

Ion	Ratio	Lower	Upper
84	100		
49	136.7	109.6	164.4
51	42.0	33.8	50.6
86	64.3	51.5	77.3



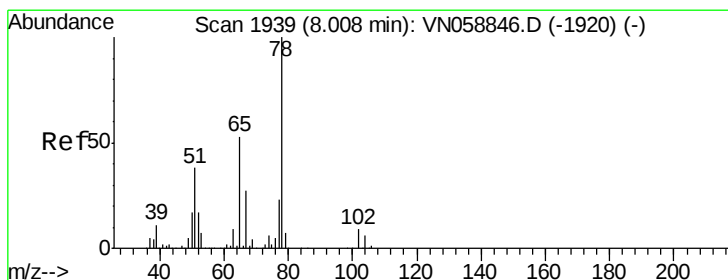
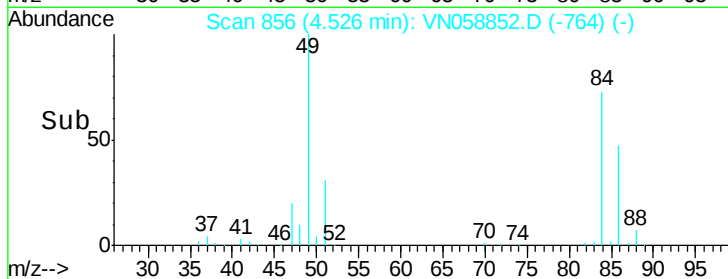
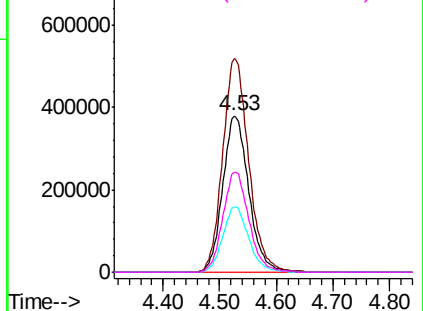
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

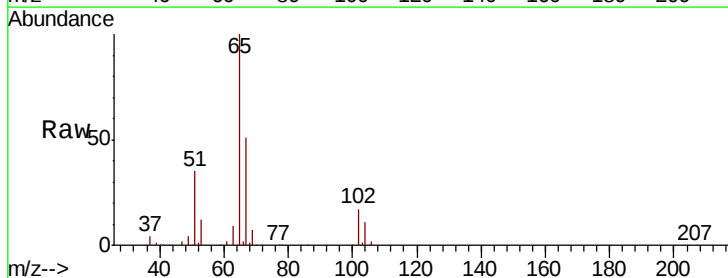
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 49.543 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN058852.D
Acq: 18 Oct 2019 13:01

Tgt Ion: 65 Resp: 286930

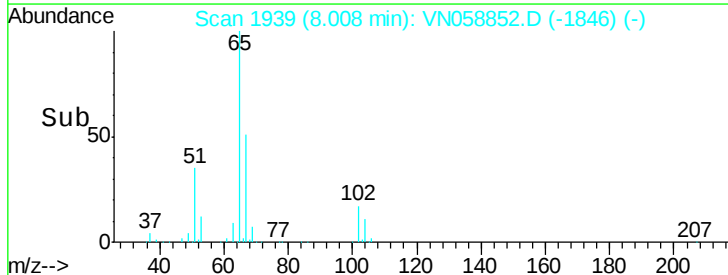
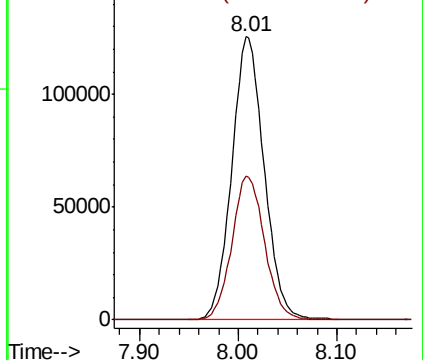
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

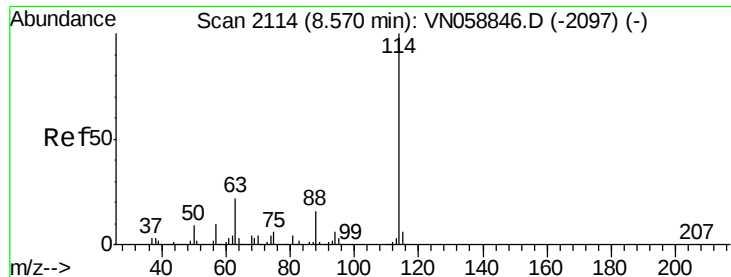


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

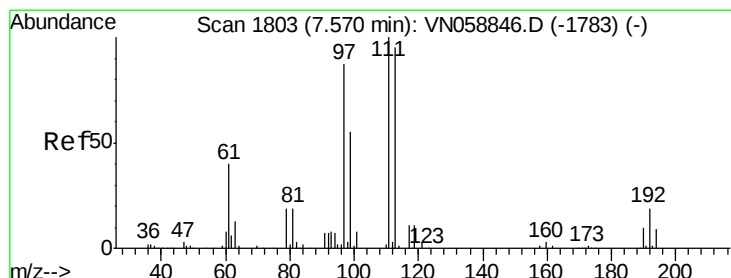
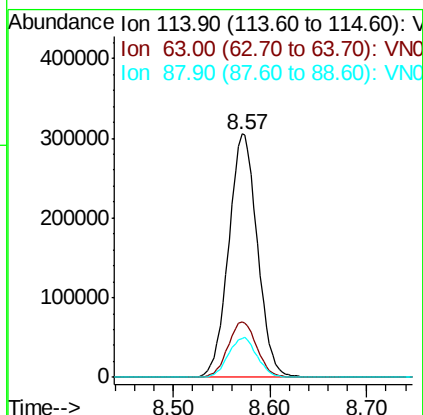
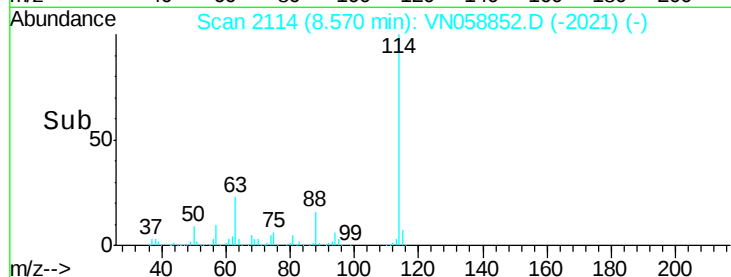
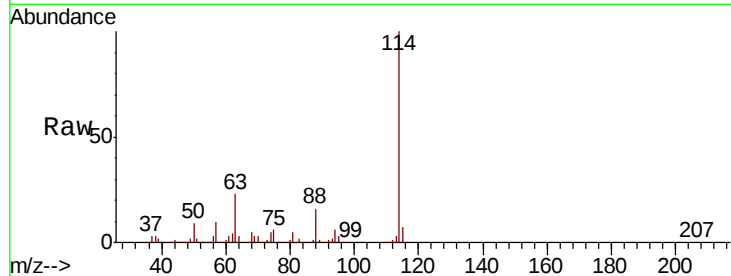




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN058852.D
Acq: 18 Oct 2019 13:01

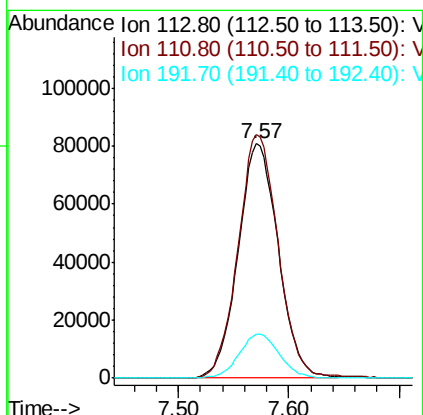
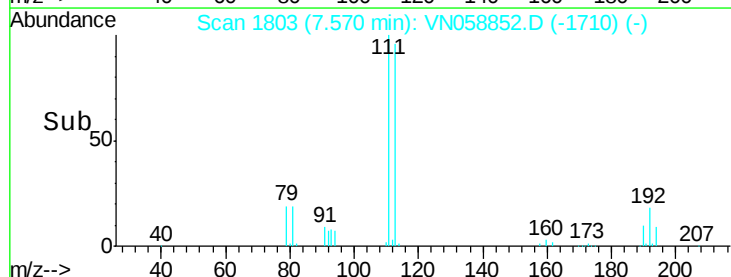
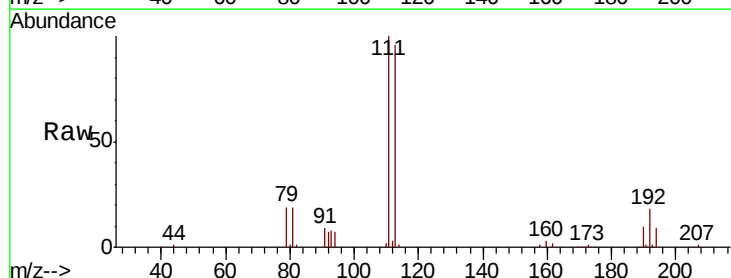
Instrument :
MSVOA_N
ClientSampleId :
33RD-ST-7TH-AVE-EAST-COMP

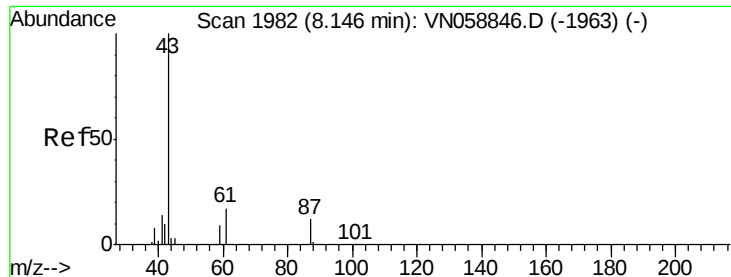
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.4
88	16.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 49.258 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058852.D
Acq: 18 Oct 2019 13:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.0	123.0
192	18.8	15.0	22.6





#43

Isopropyl Acetate

Concen: 8.100 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058852.D

Acq: 18 Oct 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

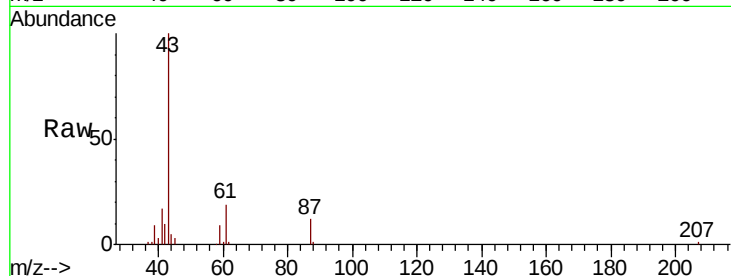
Tot Ion: 43 Resp: 91235

Ion Ratio Lower Upper

43 100

61 18.9 20.2 30.2#

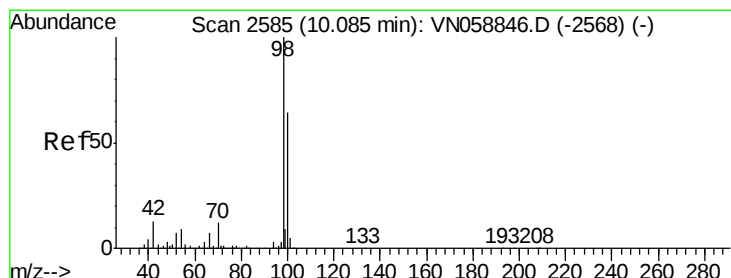
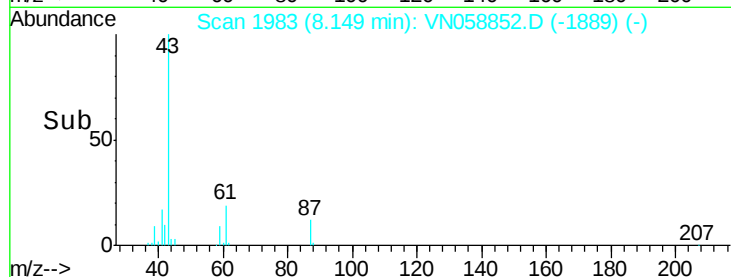
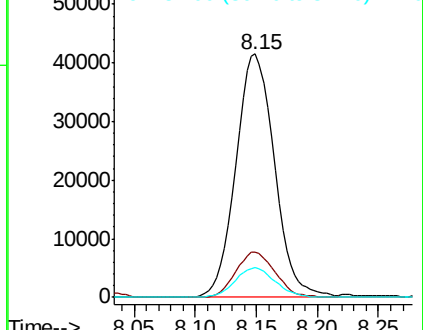
87 12.5 9.5 14.3



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: 50.347 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058852.D

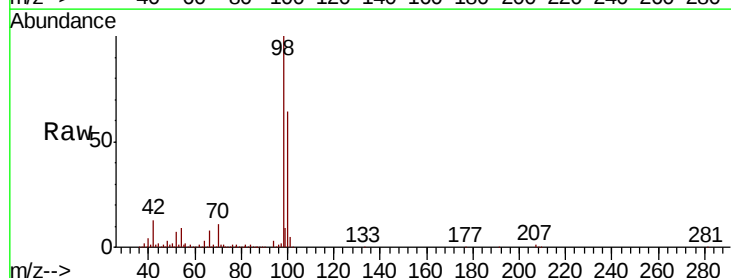
Acq: 18 Oct 2019 13:01

Tgt Ion: 98 Resp: 808985

Ion Ratio Lower Upper

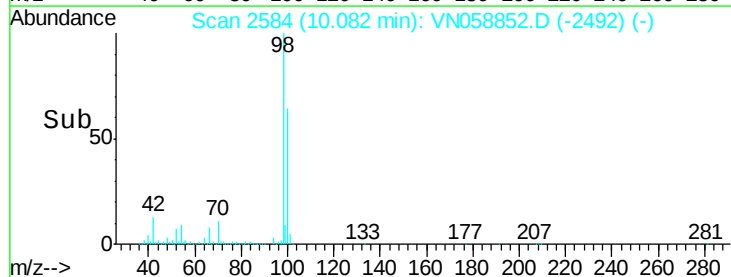
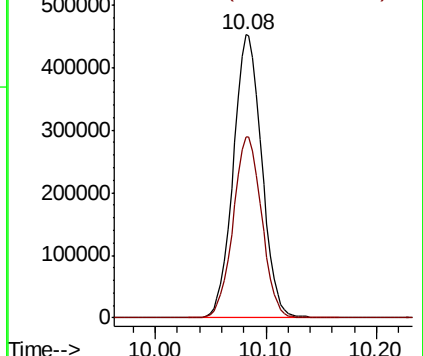
98 100

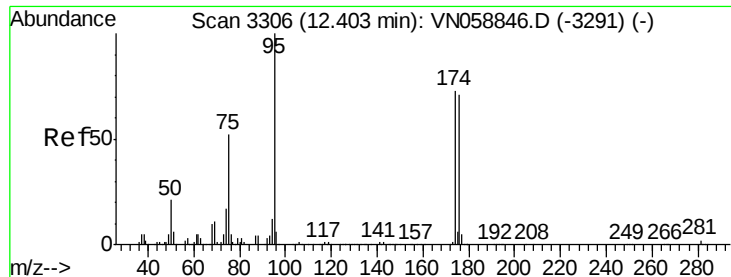
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 42.323 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058852.D

Acq: 18 Oct 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

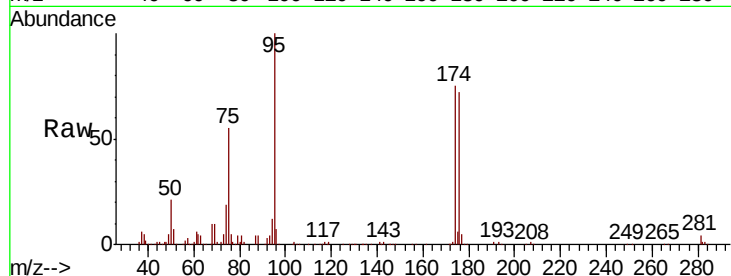
Tot Ion: 95 Resp: 249731

Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.6

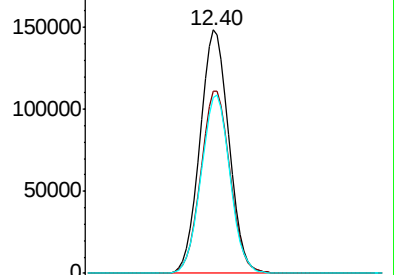
176 73.3 0.0 143.2



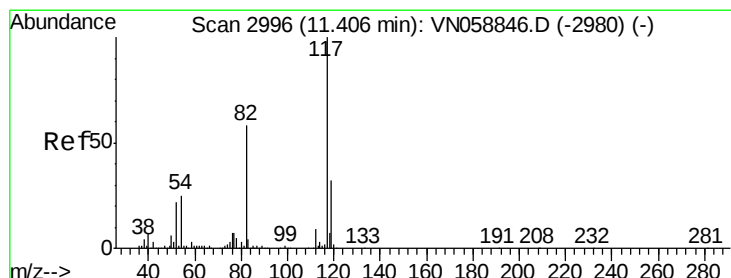
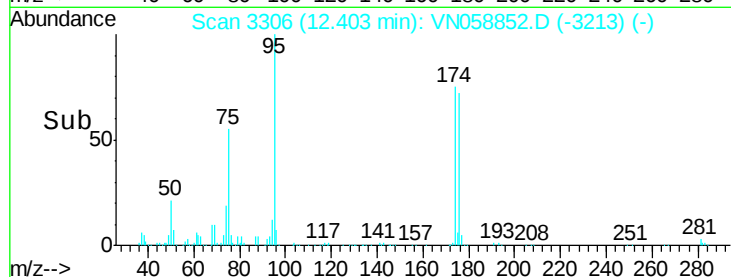
Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)

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: VN058852.D

Acq: 18 Oct 2019 13:01

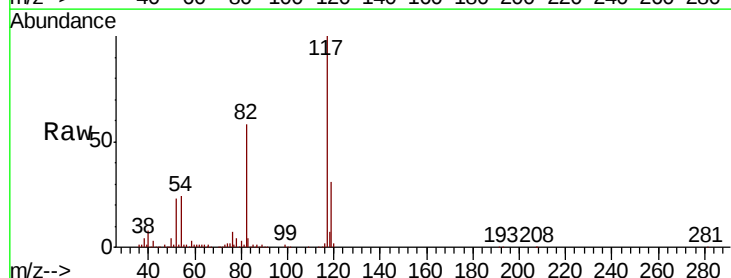
Tgt Ion: 117 Resp: 576323

Ion Ratio Lower Upper

117 100

82 58.1 46.6 69.8

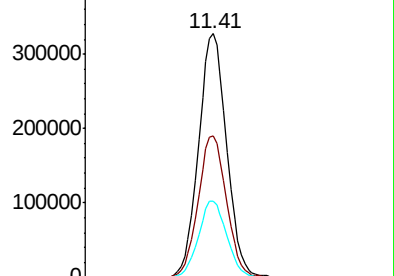
119 31.3 25.6 38.4



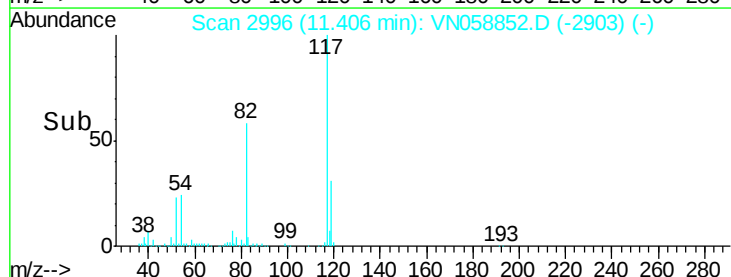
Abundance Ion 116.90 (116.60 to 117.60): VN058846.D (-2980) (-)

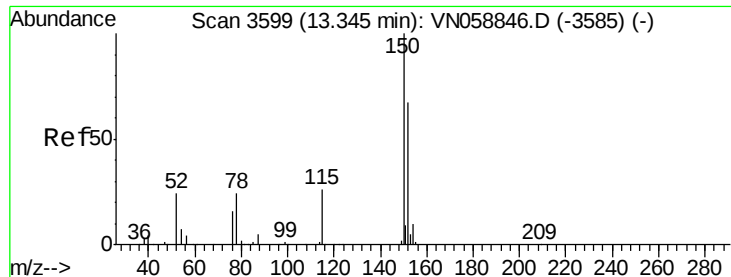
Ion 82.00 (81.70 to 82.70): VN058846.D (-2980) (-)

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: VN058852.D

Acq: 18 Oct 2019 13:01

Instrument :

MSVOA_N

ClientSampleId :

33RD-ST-7TH-AVE-EAST-COMP

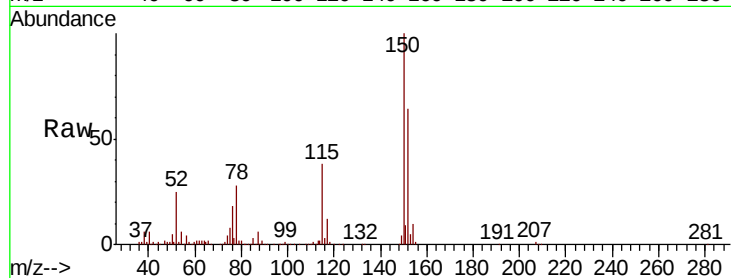
Tot Ion:152 Resp: 200693

Ion Ratio Lower Upper

152 100

115 60.2 30.5 91.5

150 157.9 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

