

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022620\
 Data File : VN060256.D
 Acq On : 26 Feb 2020 17:05
 Operator : JC/MD
 Sample : PB127076ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127076ZHE#02

Quant Time: Feb 27 05:48:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

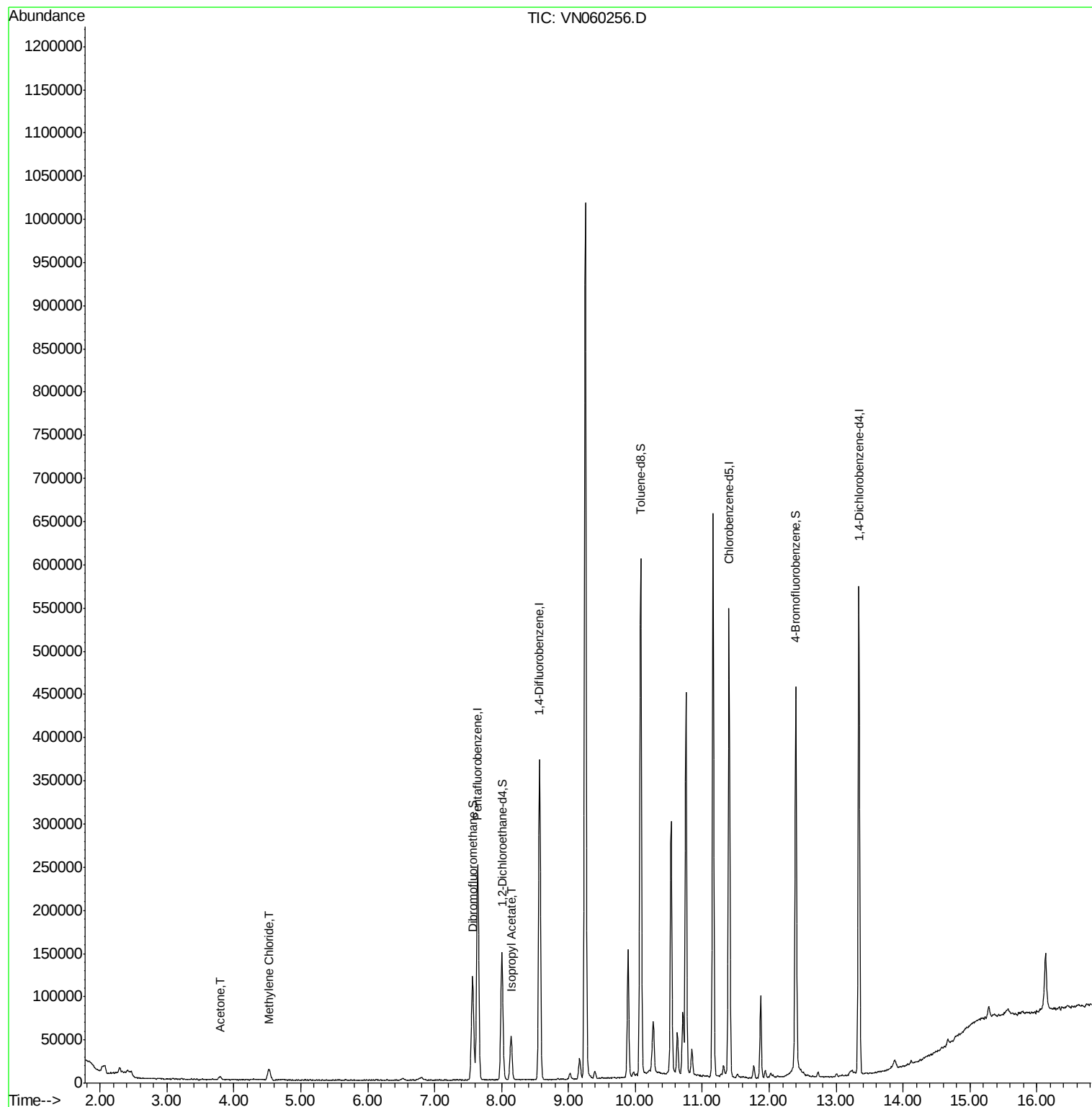
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128407	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.57	113	90795	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
50) Toluene-d8	10.08	98	399138	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.40	95	150064	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
16) Acetone	3.79	43	5959	5.540	ug/l	95
20) Methylene Chloride	4.53	84	9999	4.659	ug/l	94
43) Isopropyl Acetate	8.14	43	61225	13.089	ug/l #	88

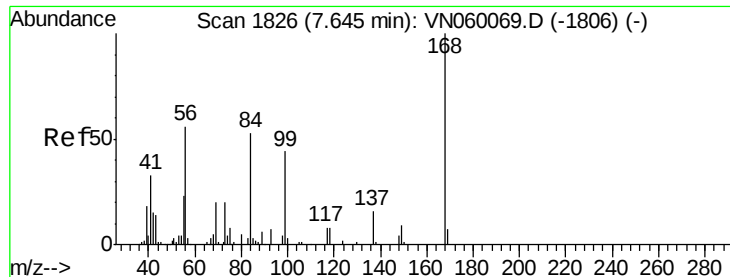
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

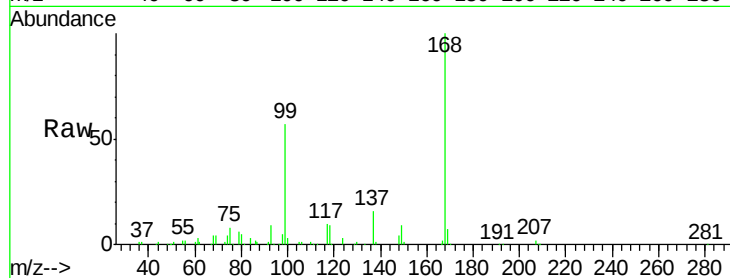
PB127076ZHE#02

Tot Ion:168 Resp: 202658

Ion Ratio Lower Upper

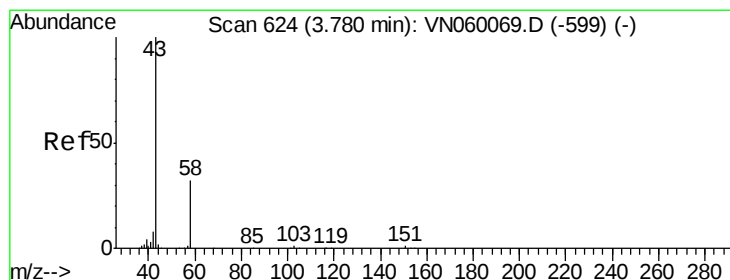
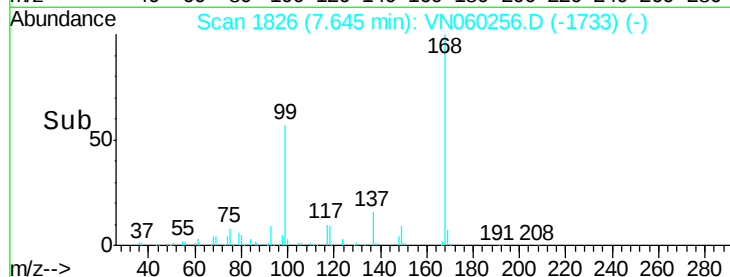
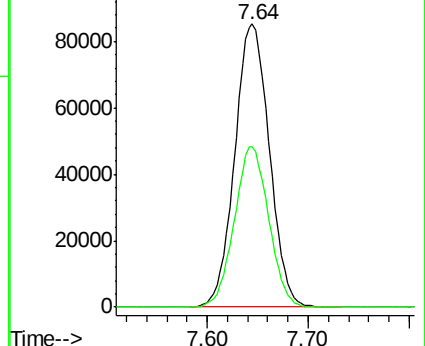
168 100

99 56.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.540 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060256.D

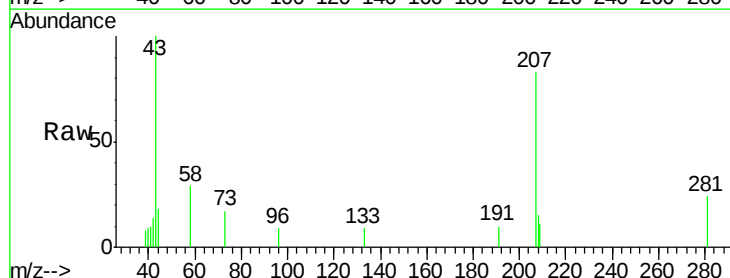
Acq: 26 Feb 2020 17:05

Tgt Ion: 43 Resp: 5959

Ion Ratio Lower Upper

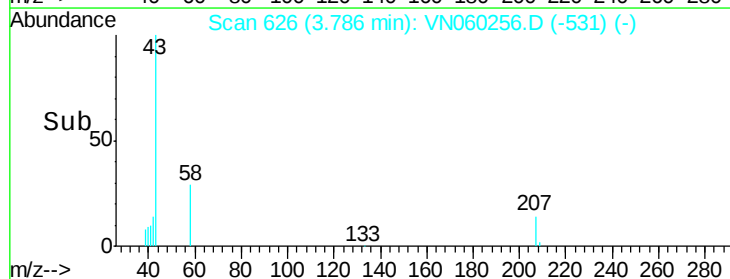
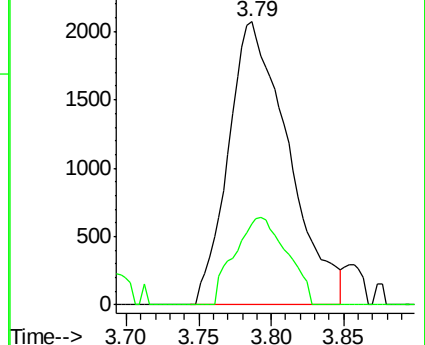
43 100

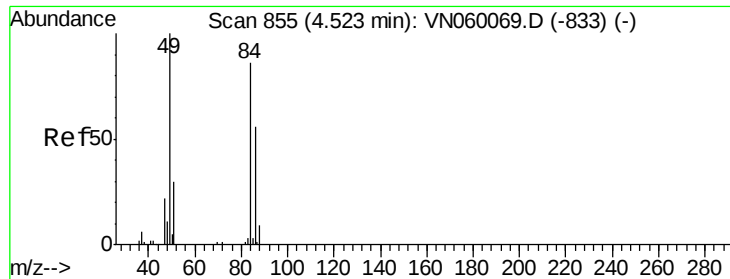
58 28.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

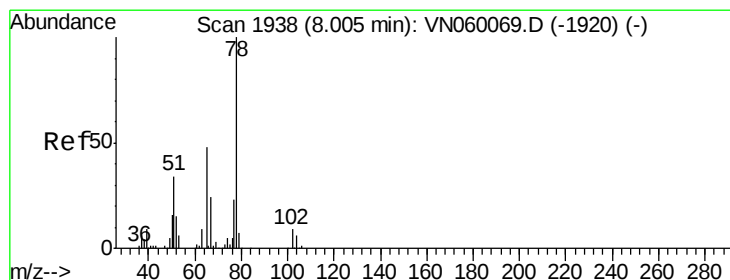
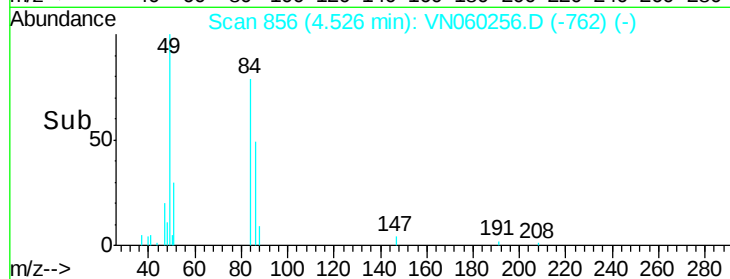
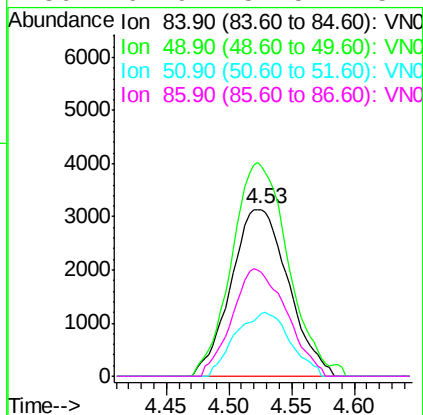
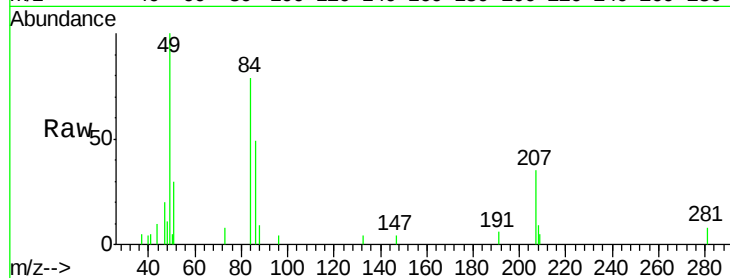




#20
Methylene Chloride
Concen: 4.659 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060256.D
Acq: 26 Feb 2020 17:05

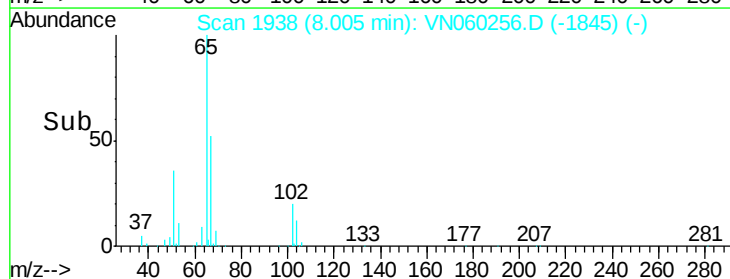
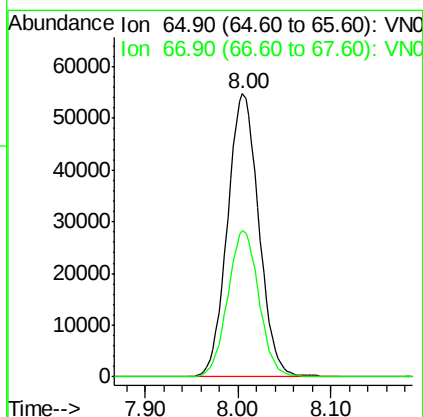
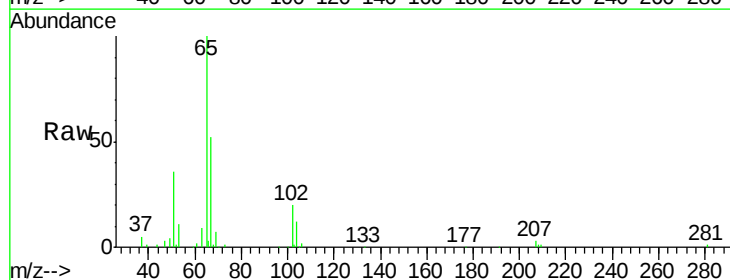
Instrument :
MSVOA_N
ClientSampleId :
PB127076ZHE#02

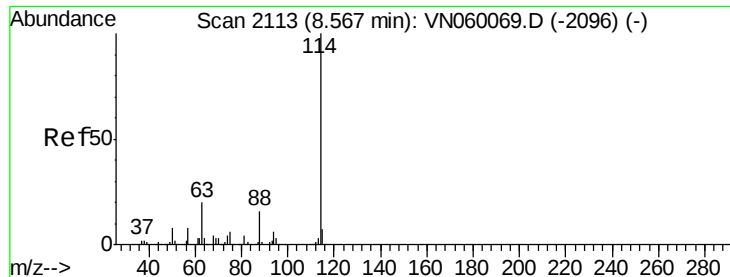
Tot Ion:	84	Resp:	9999
Ion	Ratio	Lower	Upper
84	100		
49	125.9	93.4	140.0
51	37.4	28.4	42.6
86	61.9	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 52.071 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060256.D
Acq: 26 Feb 2020 17:05

Tgt Ion:	65	Resp:	128407
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB127076ZHE#02

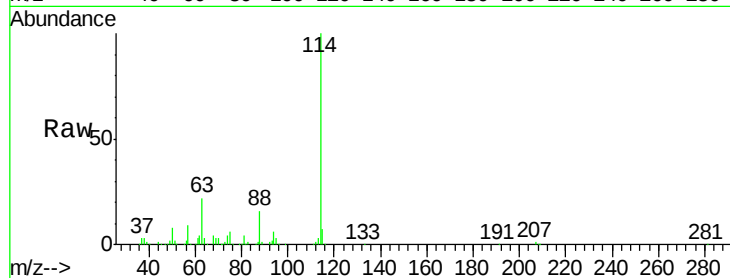
Tot Ion:114 Resp: 326892

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.8 0.0 31.6



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

200000

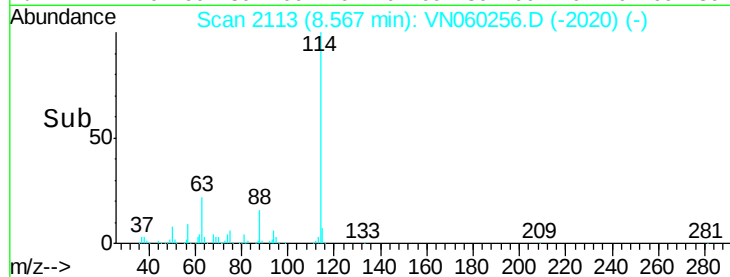
150000

100000

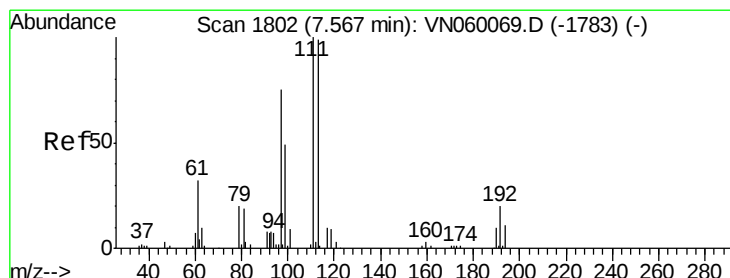
50000

0

8.50 8.57 8.60 8.70



Time-->



#35

Dibromofluoromethane

Concen: 45.185 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

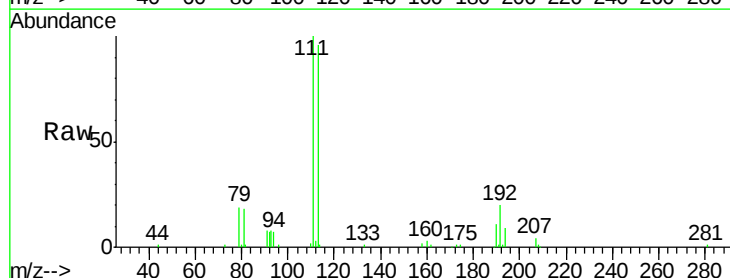
Tgt Ion:113 Resp: 90795

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.2

192 20.3 16.2 24.2



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

50000

40000

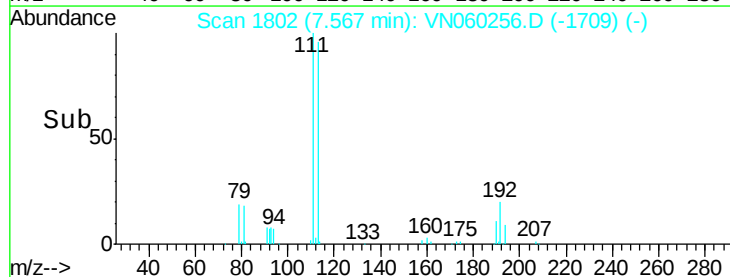
30000

20000

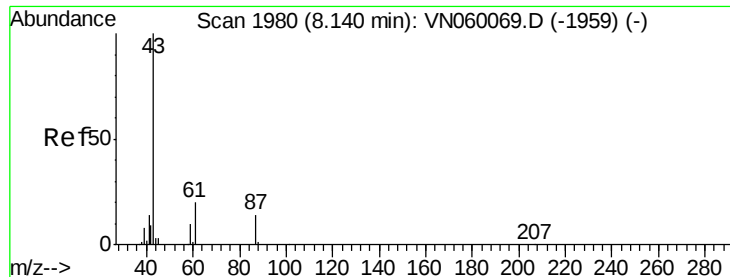
10000

0

7.50 7.57 7.60 7.70



Time-->



#43

Isopropyl Acetate

Concen: 13.089 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB127076ZHE#02

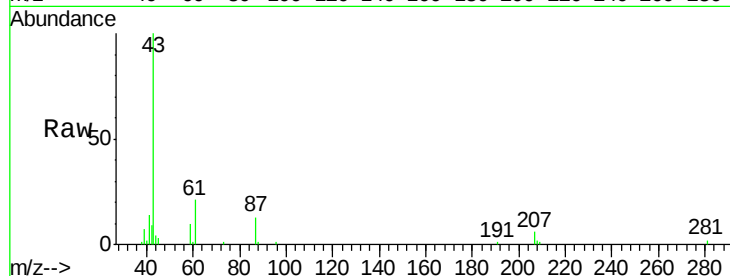
Tot Ion: 43 Resp: 61225

Ion Ratio Lower Upper

43 100

61 19.4 21.8 32.6#

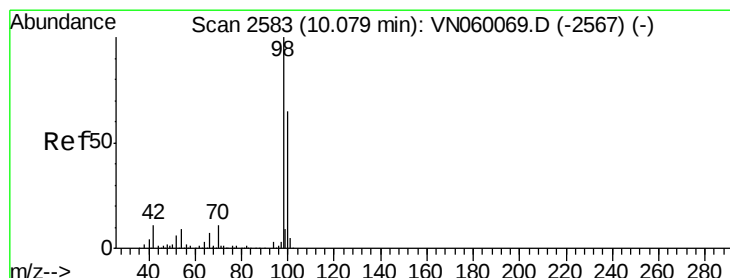
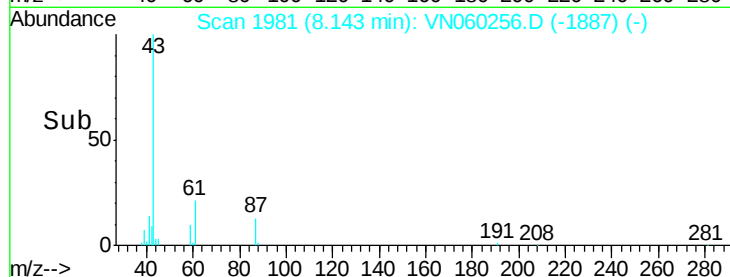
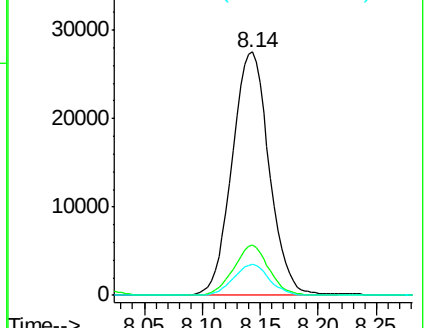
87 12.2 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 50.441 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060256.D

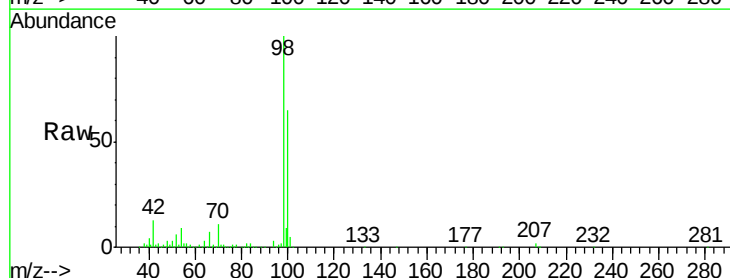
Acq: 26 Feb 2020 17:05

Tgt Ion: 98 Resp: 399138

Ion Ratio Lower Upper

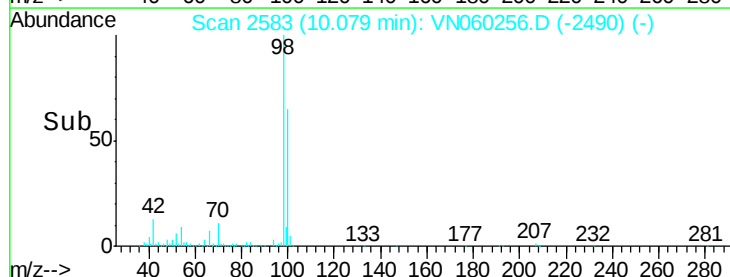
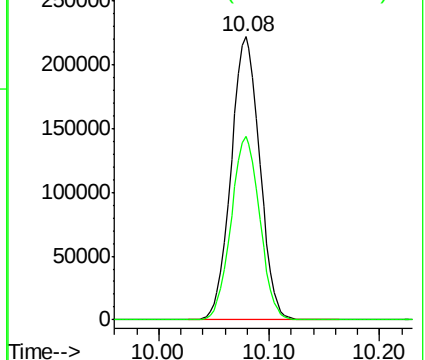
98 100

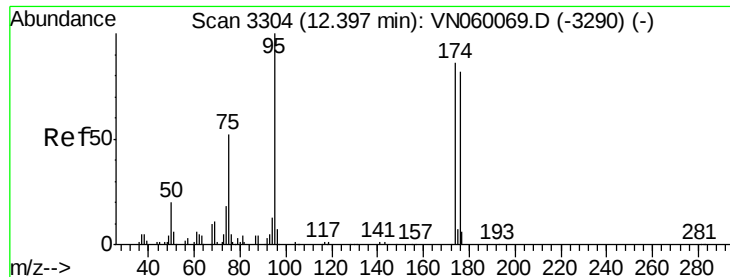
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.610 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB127076ZHE#02

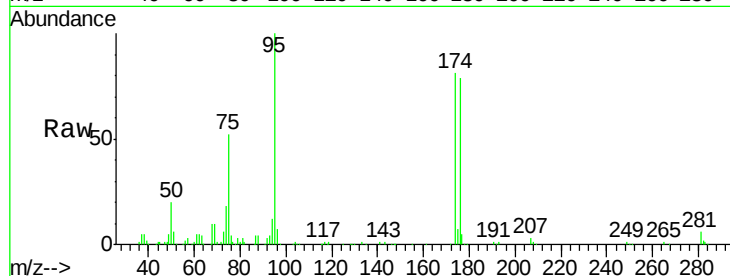
Tot Ion: 95 Resp: 150064

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.8

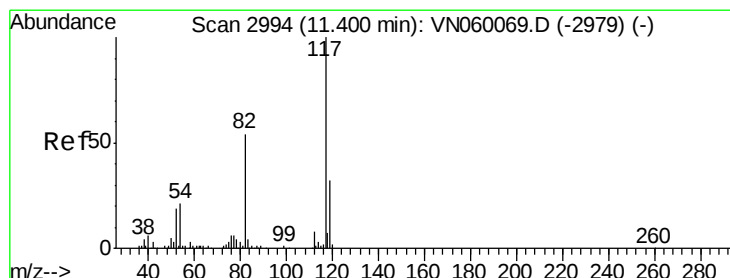
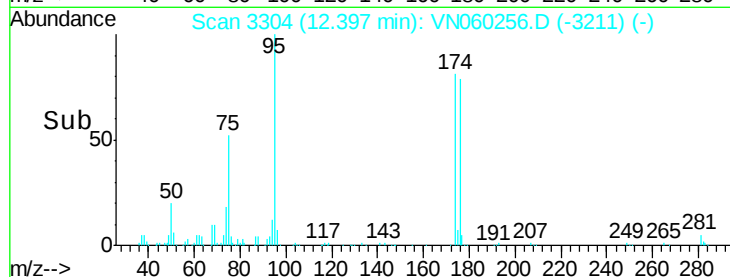
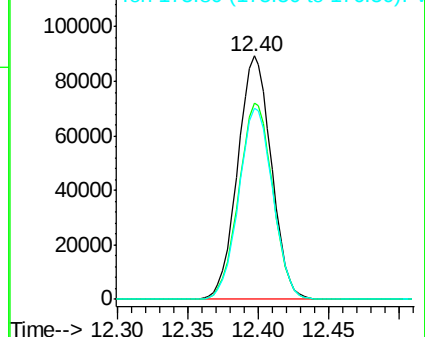
176 79.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060069.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060069.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

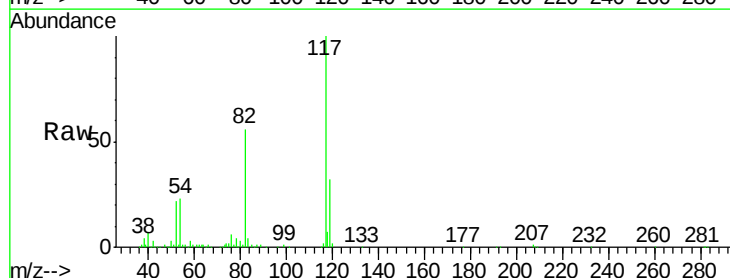
Tgt Ion: 117 Resp: 305112

Ion Ratio Lower Upper

117 100

82 56.4 43.4 65.0

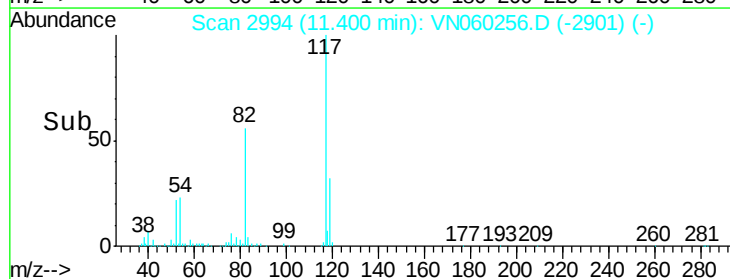
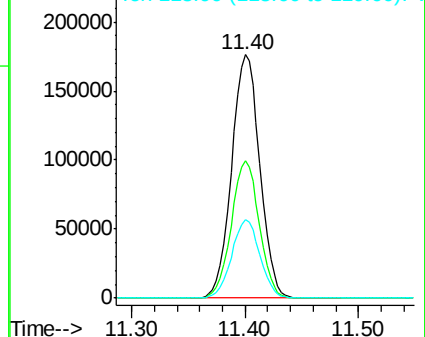
119 32.0 25.8 38.6

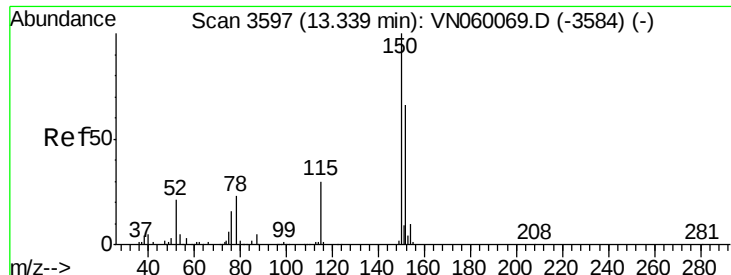


Abundance Ion 116.90 (116.60 to 117.60): VN060069.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060069.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060069.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060256.D

Acq: 26 Feb 2020 17:05

Instrument :

MSVOA_N

ClientSampleId :

PB127076ZHE#02

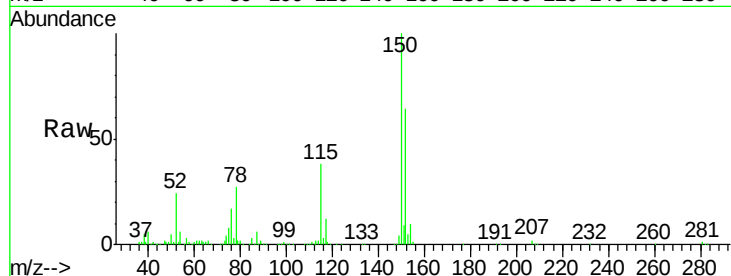
Tot Ion:152 Resp: 147785

Ion Ratio Lower Upper

152 100

115 59.3 28.9 86.8

150 157.1 0.0 342.4



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

