

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060122.D
 Acq On : 17 Feb 2020 16:15
 Operator : JC/MD
 Sample : PB126834ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#07

Quant Time: Feb 17 17:45:52 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

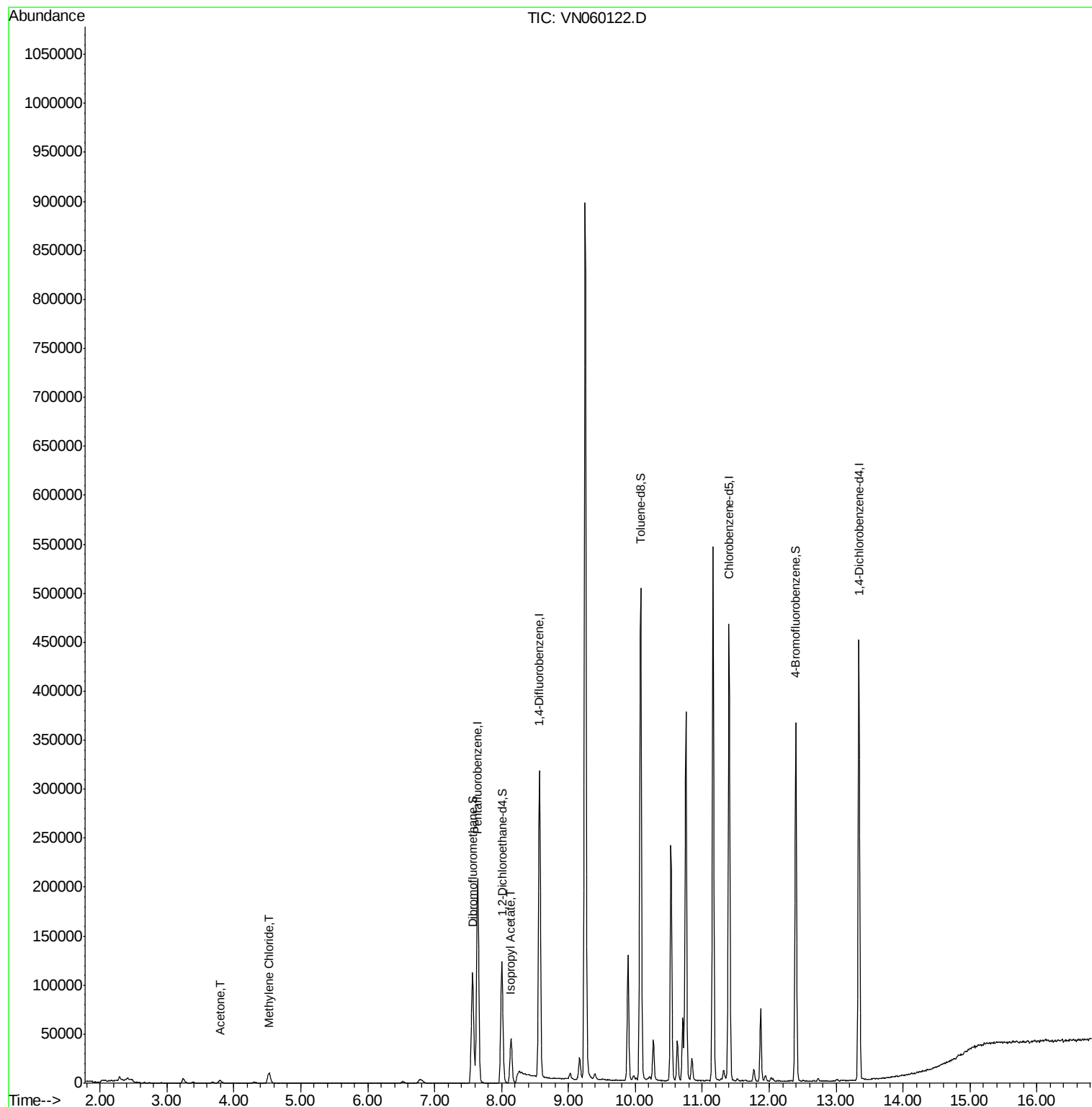
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	171288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	277987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108360	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	7.57	113	85744	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.08	98	341315	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	126635	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
16) Acetone	3.79	43	5776	6.353	ug/l	93
20) Methylene Chloride	4.53	84	8281	4.565	ug/l	92
43) Isopropyl Acetate	8.14	43	53604	13.475	ug/l #	90

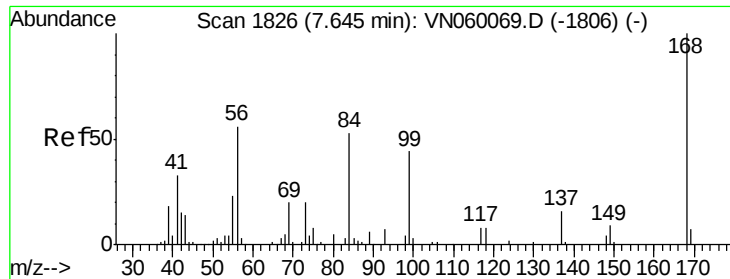
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 17:45:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

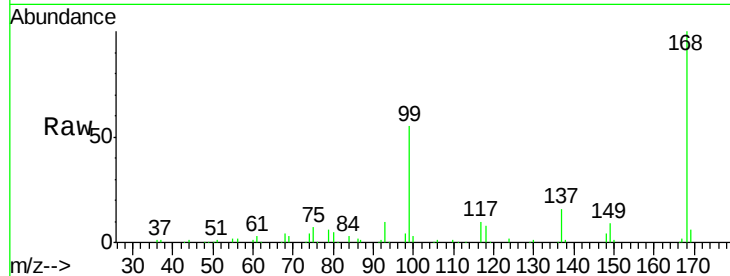
PB126834ZHE#07

Tot Ion:168 Resp: 171288

Ion Ratio Lower Upper

168 100

99 54.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

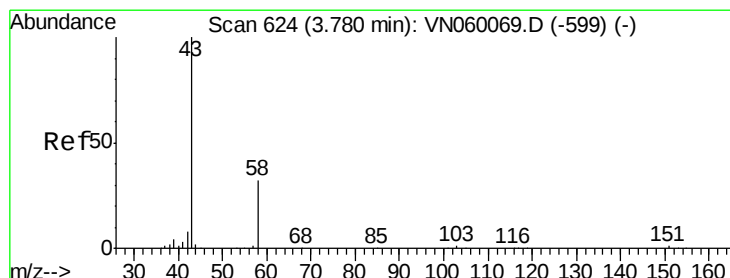
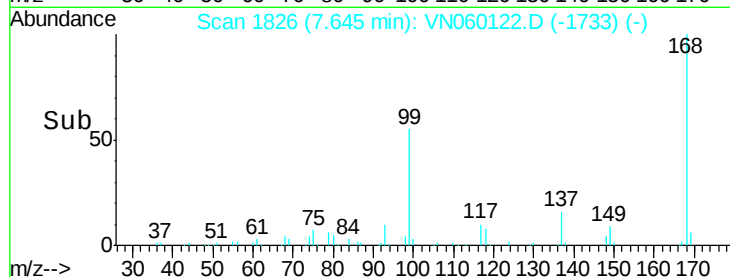
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.353 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060122.D

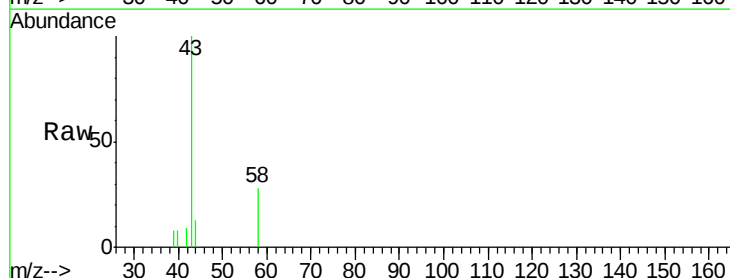
Acq: 17 Feb 2020 16:15

Tgt Ion: 43 Resp: 5776

Ion Ratio Lower Upper

43 100

58 27.6 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2000

1500

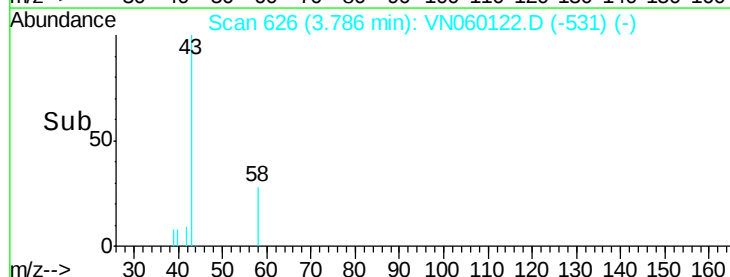
1000

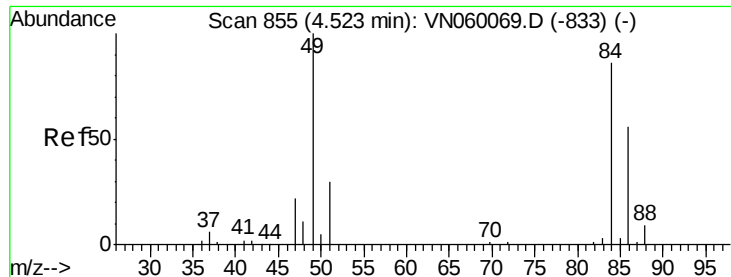
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

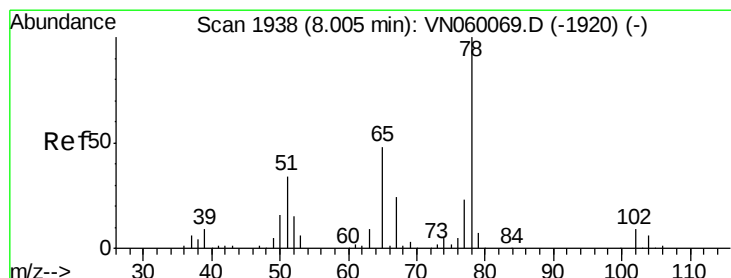
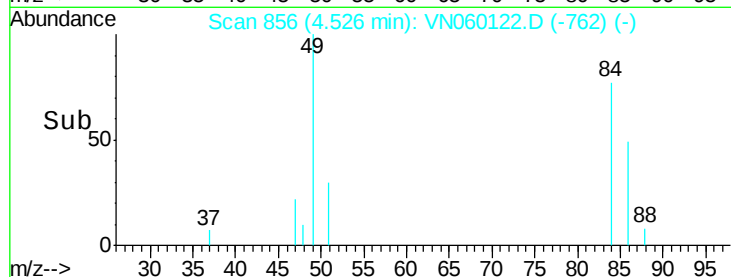
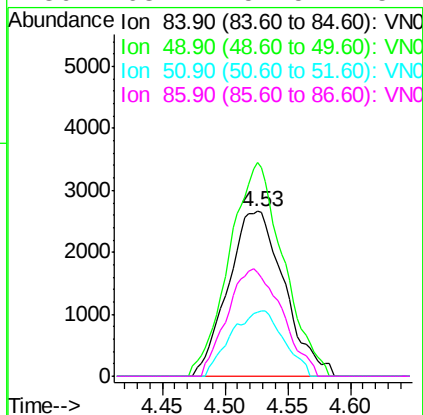
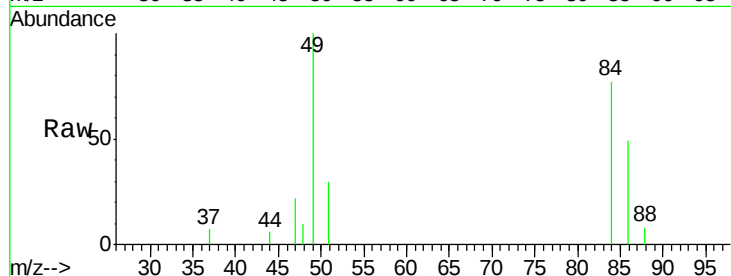




#20
Methylene Chloride
Concen: 4.565 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060122.D
Acq: 17 Feb 2020 16:15

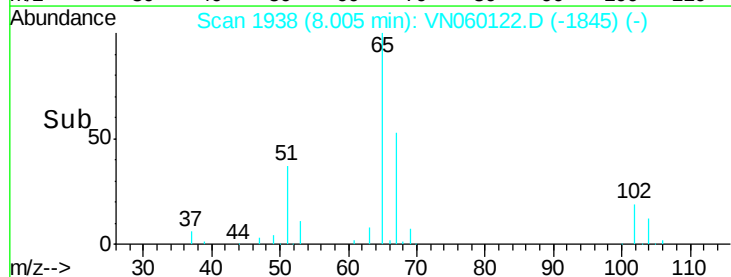
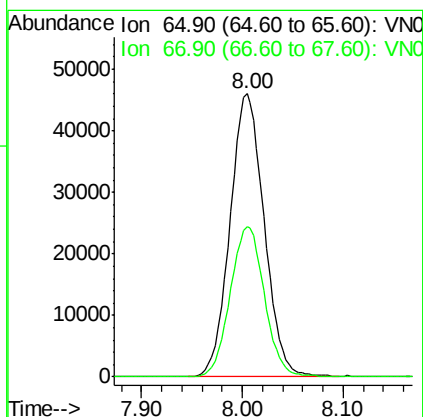
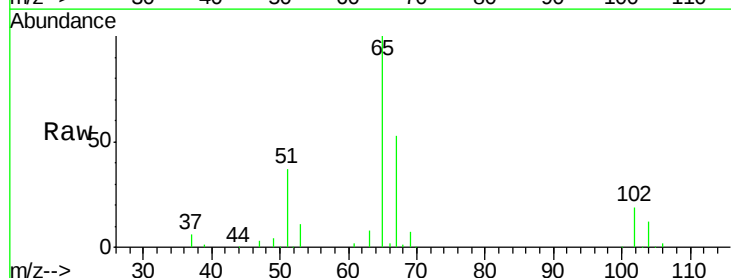
Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#07

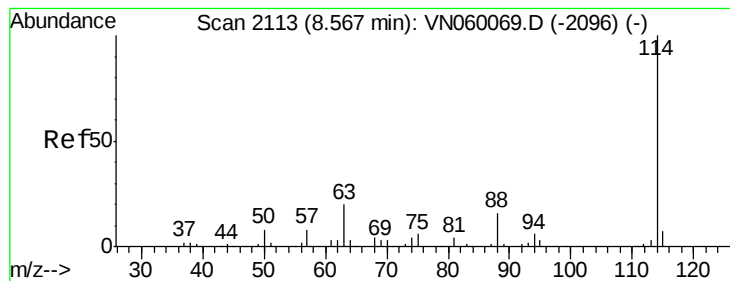
Tot Ion: 84 Resp: 8281
Ion Ratio Lower Upper
84 100
49 129.4 93.4 140.0
51 39.1 28.4 42.6
86 63.2 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.989 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060122.D
Acq: 17 Feb 2020 16:15

Tgt Ion: 65 Resp: 108360
Ion Ratio Lower Upper
65 100
67 52.9 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: VN060122.D

Acq: 17 Feb 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#07

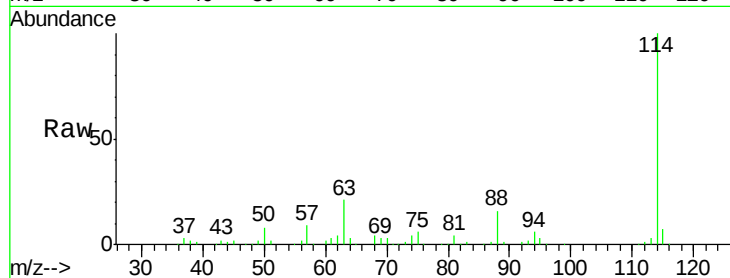
Tot Ion:114 Resp: 277987

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

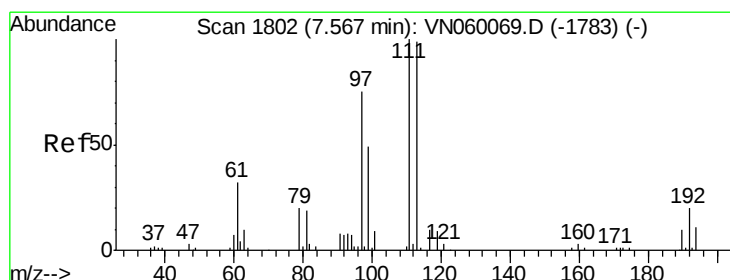
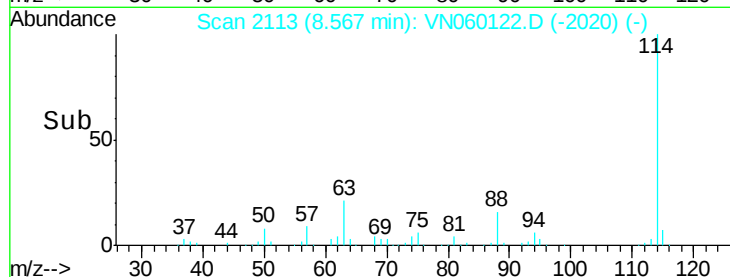
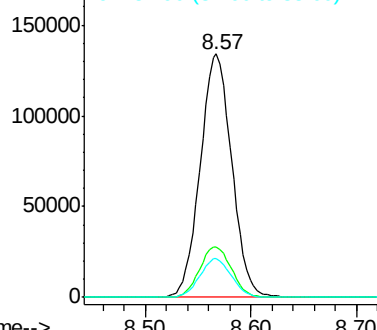
88 15.8 0.0 31.6



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



#35

Dibromofluoromethane

Concen: 50.178 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

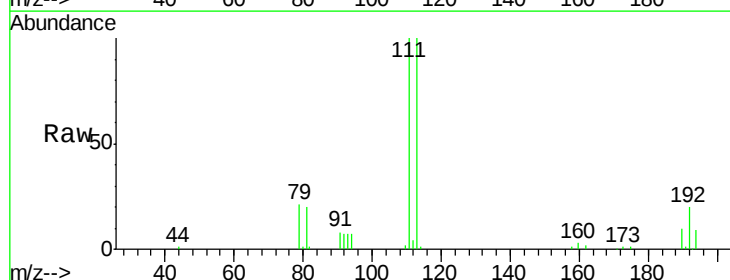
Tgt Ion:113 Resp: 85744

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.2

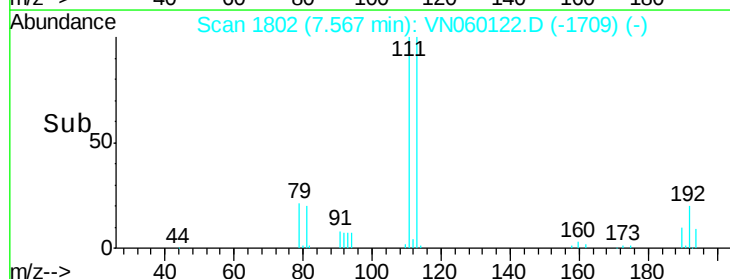
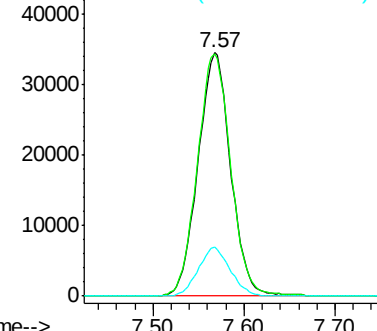
192 19.6 16.2 24.2

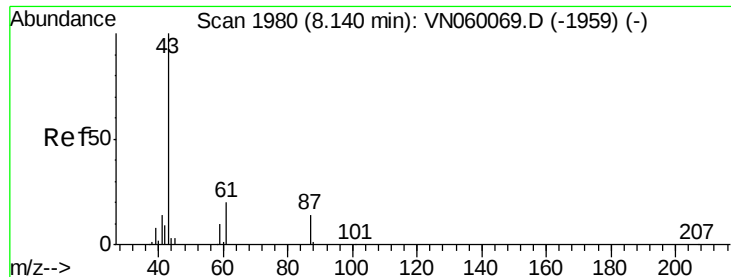


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.475 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#07

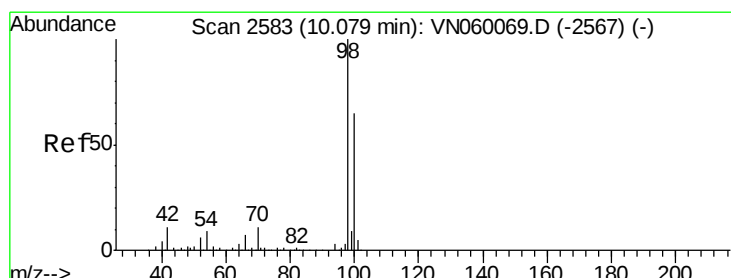
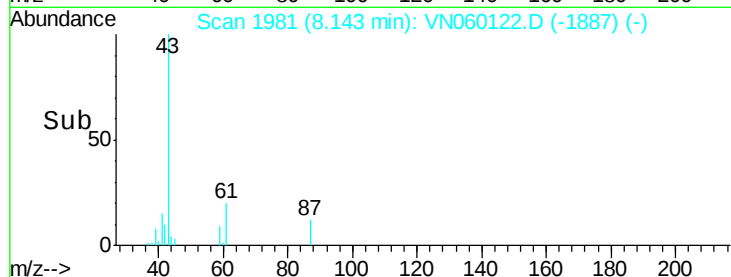
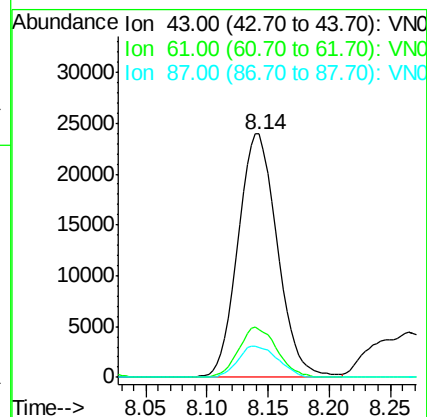
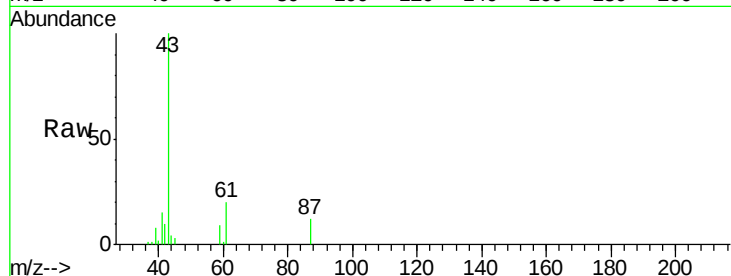
Tot Ion: 43 Resp: 53604

Ion Ratio Lower Upper

43 100

61 20.1 21.8 32.6#

87 12.8 11.4 17.2



#50

Toluene-d8

Concen: 50.722 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060122.D

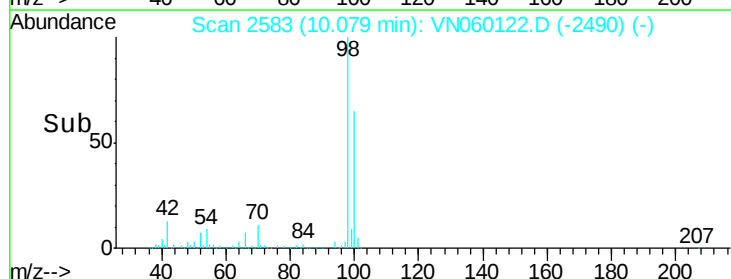
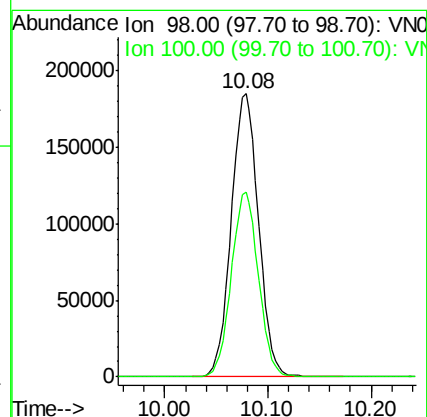
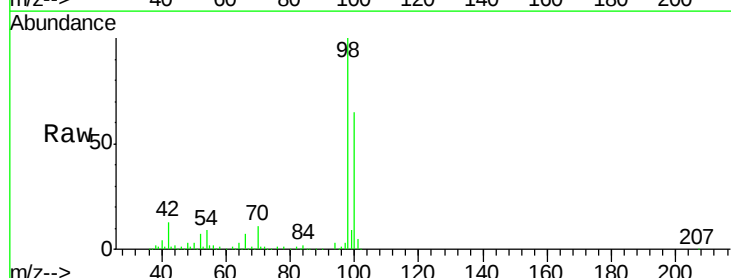
Acq: 17 Feb 2020 16:15

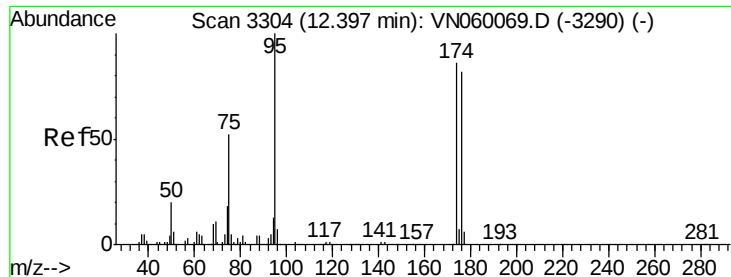
Tgt Ion: 98 Resp: 341315

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 51.215 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#07

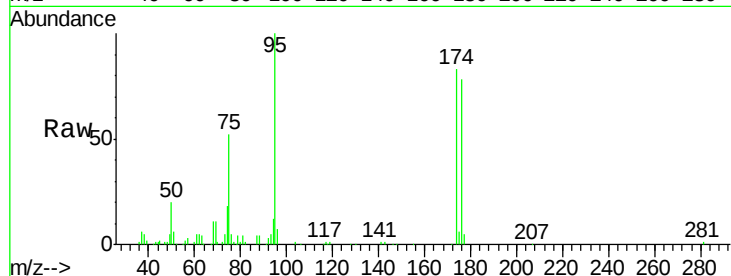
Tot Ion: 95 Resp: 126635

Ion Ratio Lower Upper

95 100

174 82.1 0.0 169.8

176 78.5 0.0 164.8

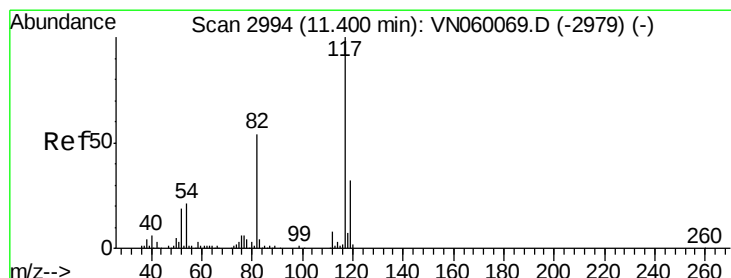
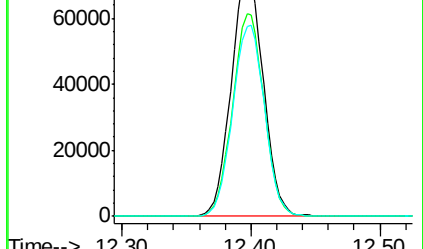
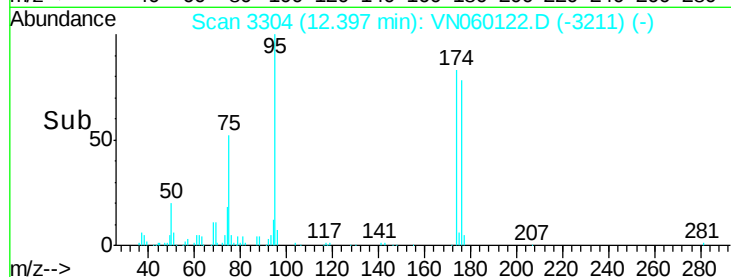


Abundance Ion 94.90 (94.60 to 95.60): VN060122.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060122.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060122.D (-3211) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

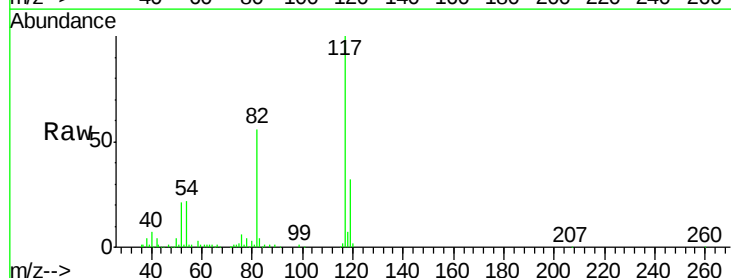
Tgt Ion: 117 Resp: 266546

Ion Ratio Lower Upper

117 100

82 55.6 43.4 65.0

119 32.1 25.8 38.6

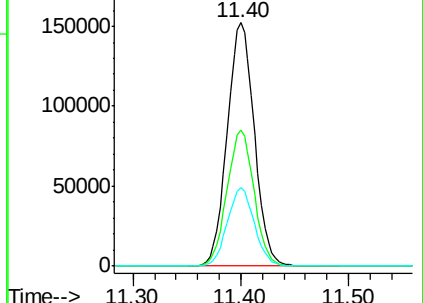
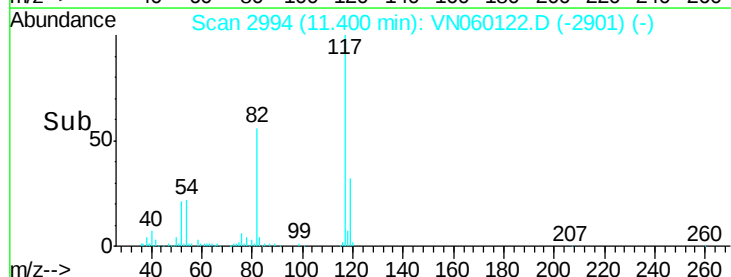


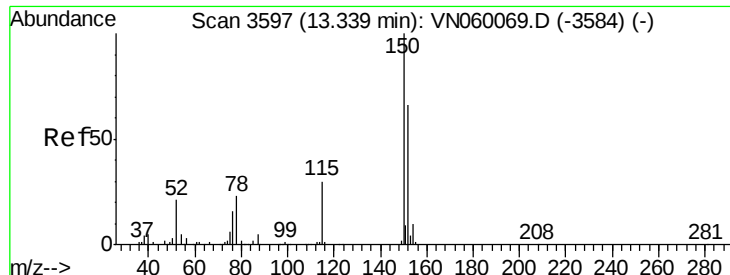
Abundance Ion 116.90 (116.60 to 117.60): VN060122.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060122.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060122.D (-2901) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060122.D

Acq: 17 Feb 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#07

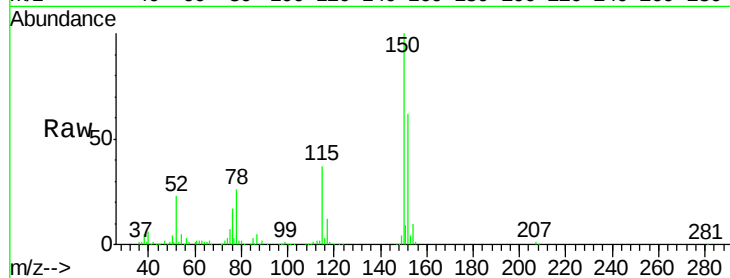
Tot Ion:152 Resp: 119794

Ion Ratio Lower Upper

152 100

115 58.5 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

