

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060117.D
 Acq On : 17 Feb 2020 14:22
 Operator : JC/MD
 Sample : PB126834ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#02

Quant Time: Feb 17 15:24:08 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

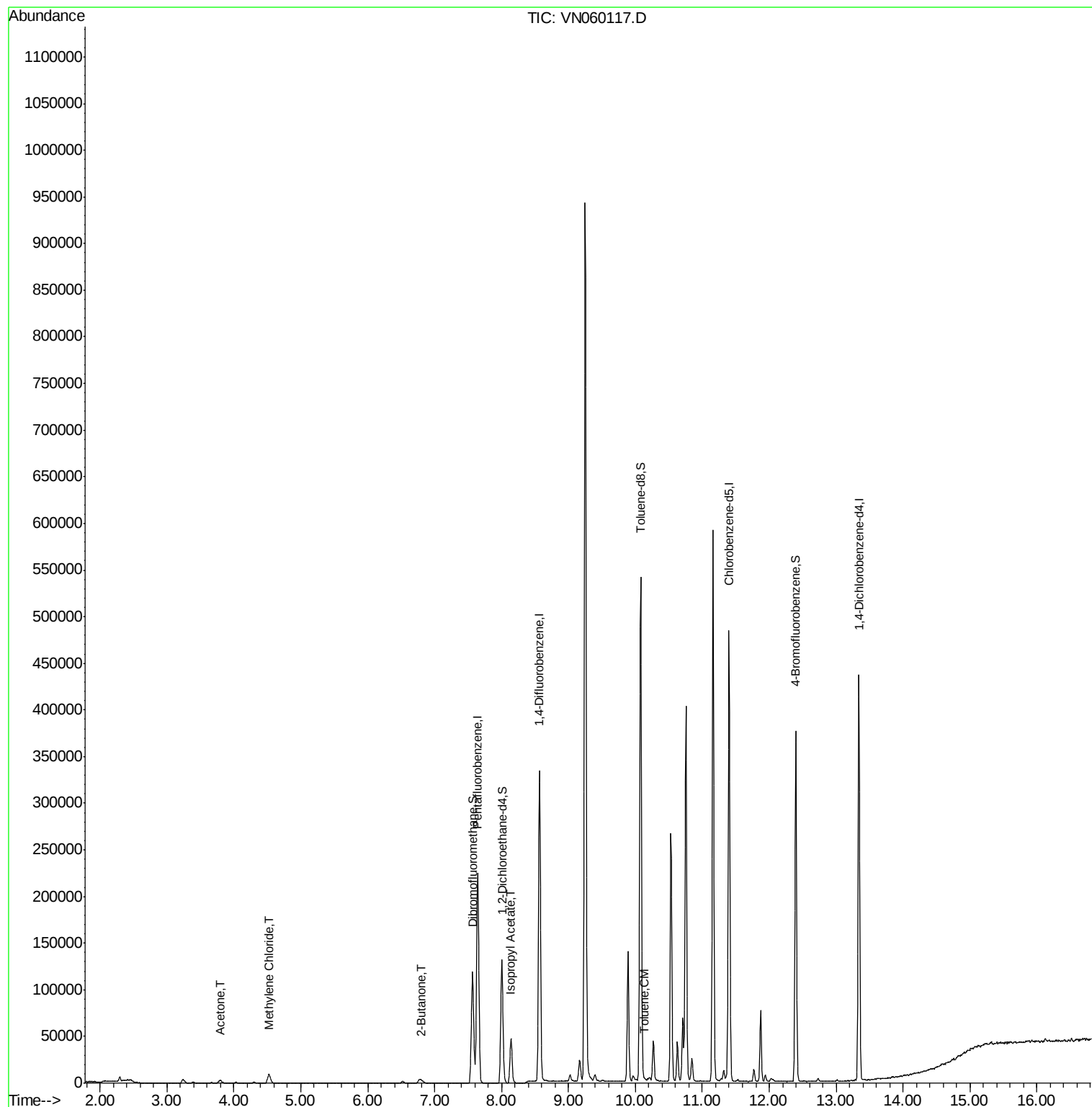
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	299503	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	115486	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	7.57	113	90625	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.08	98	365718	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.40	95	125839	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
Target Compounds						
16) Acetone	3.79	43	6188	6.265	ug/l	99
20) Methylene Chloride	4.53	84	7601	3.857	ug/l #	93
25) 2-Butanone	6.82	43	4174	3.360	ug/l	97
43) Isopropyl Acetate	8.14	43	56649	13.218	ug/l #	89
52) Toluene	10.14	92	1106	0.210	ug/l	92

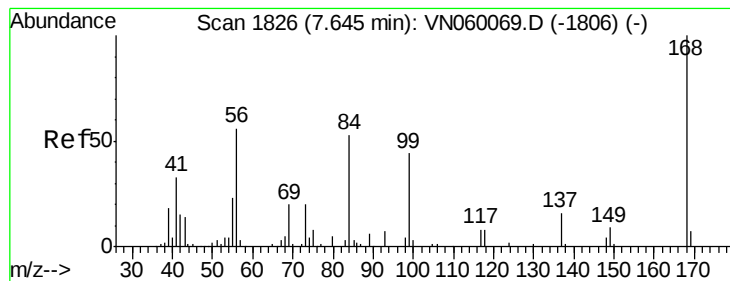
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
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Quant Time: Feb 17 15:24:08 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: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

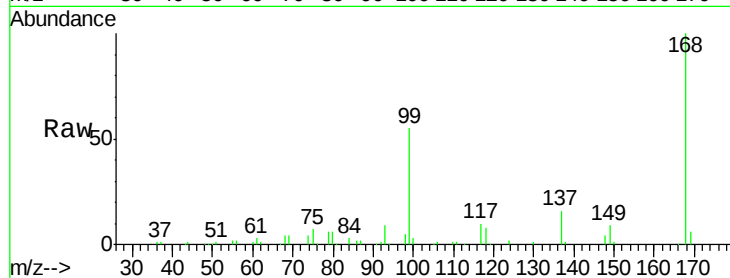
PB126834ZHE#02

Tot Ion:168 Resp: 186103

Ion Ratio Lower Upper

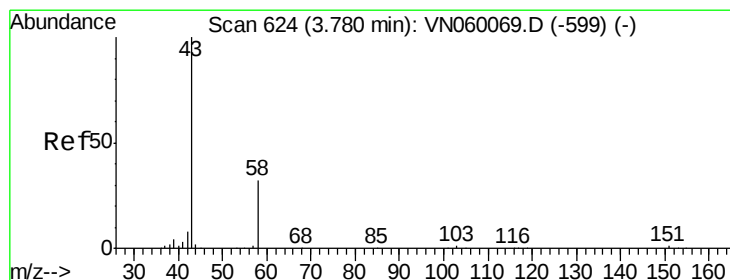
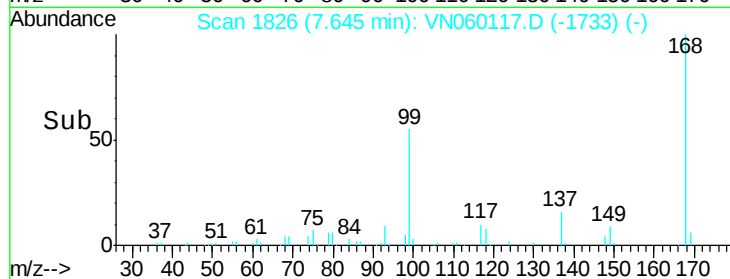
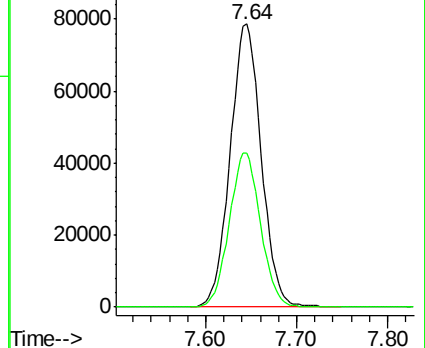
168 100

99 54.6 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: 6.265 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060117.D

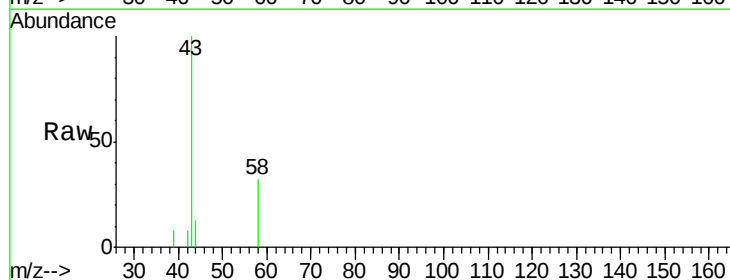
Acq: 17 Feb 2020 14:22

Tgt Ion: 43 Resp: 6188

Ion Ratio Lower Upper

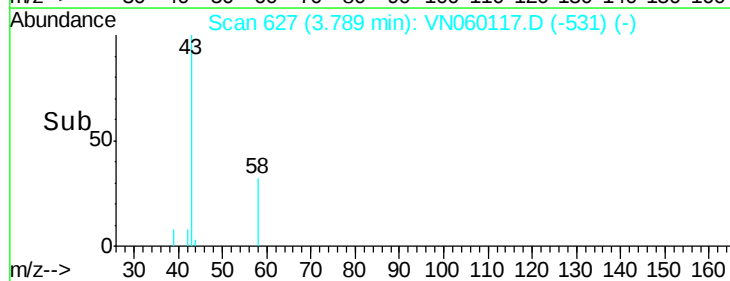
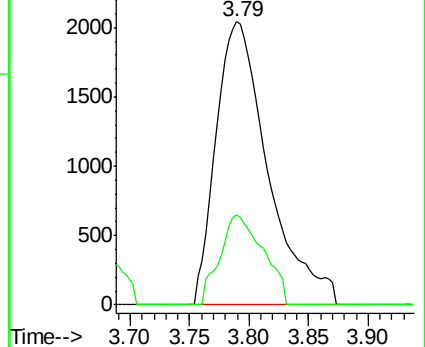
43 100

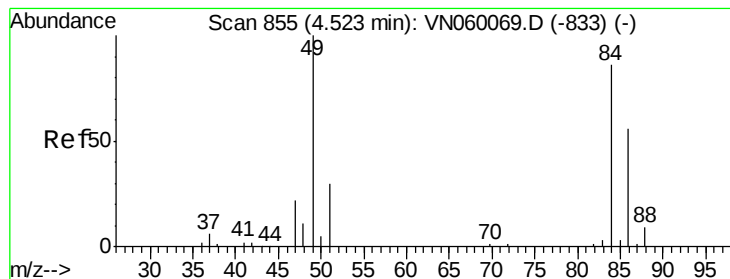
58 32.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 3.857 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#02

Tot Ion: 84 Resp: 7601

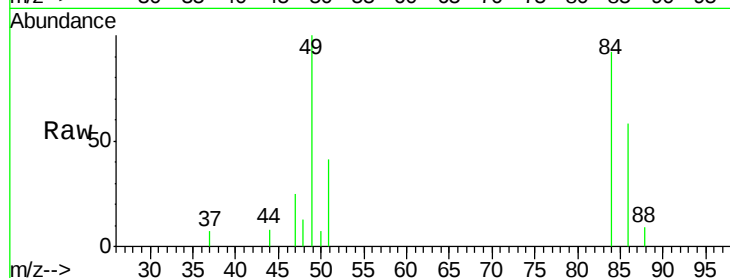
Ion Ratio Lower Upper

84 100

49 108.6 93.4 140.0

51 44.4 28.4 42.6#

86 63.5 52.5 78.7

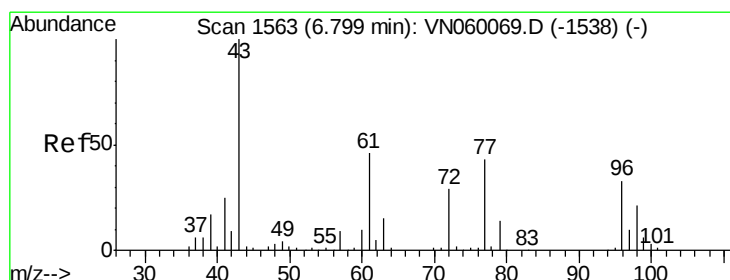
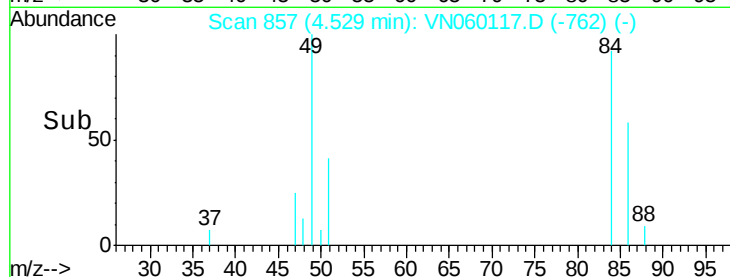
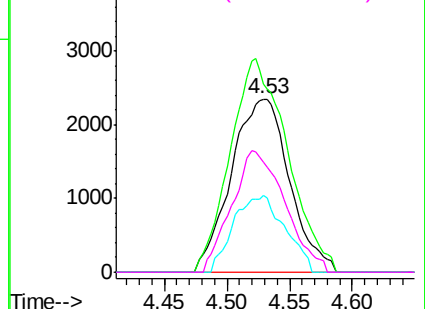


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#25

2-Butanone

Concen: 3.360 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.02 min

Lab File: VN060117.D

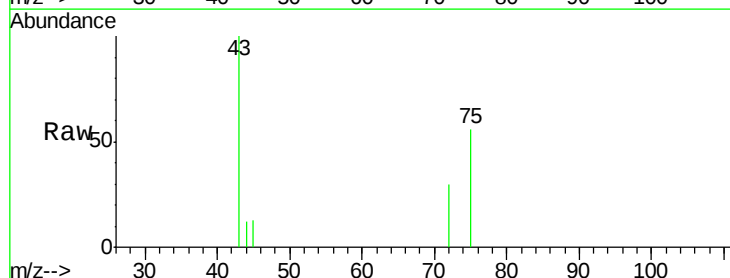
Acq: 17 Feb 2020 14:22

Tgt Ion: 43 Resp: 4174

Ion Ratio Lower Upper

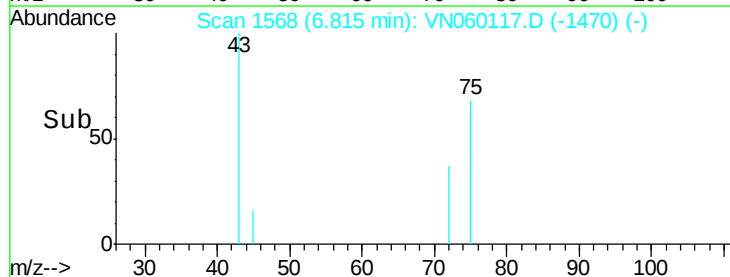
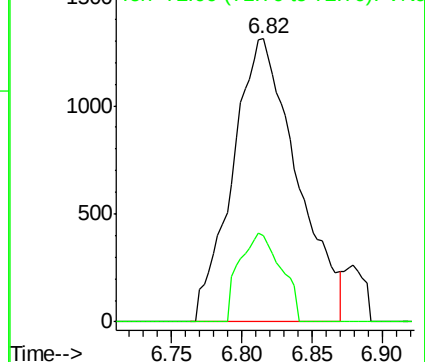
43 100

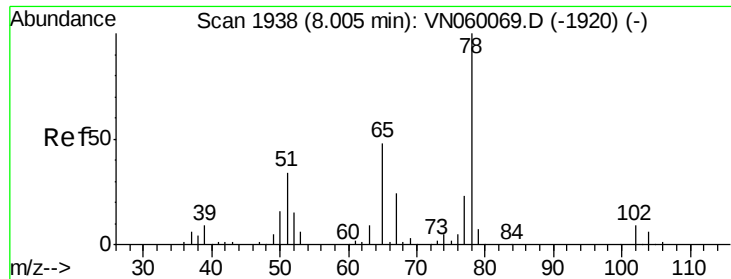
72 30.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

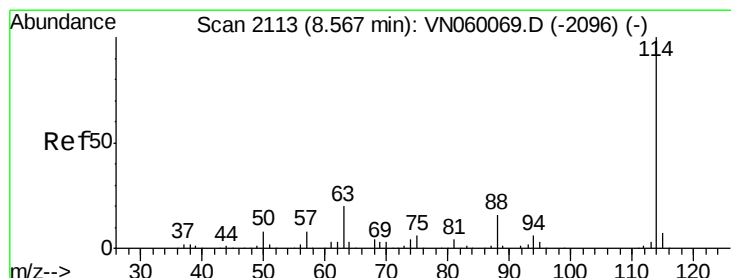
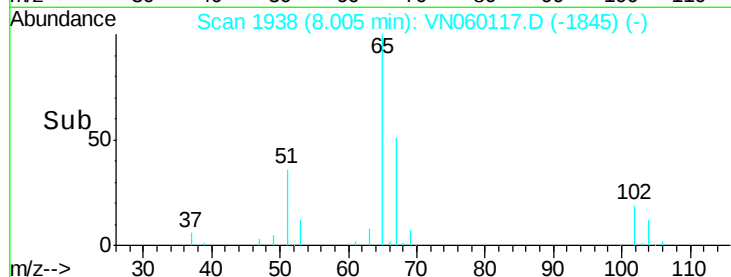
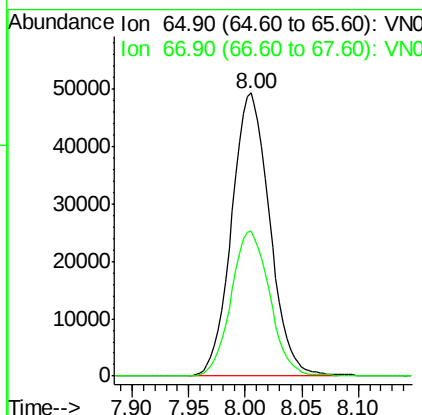
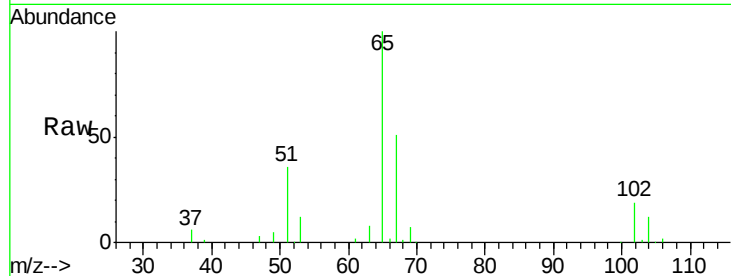




#33
 1,2-Dichloroethane-d4
 Concen: 50.997 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060117.D
 Acq: 17 Feb 2020 14:22

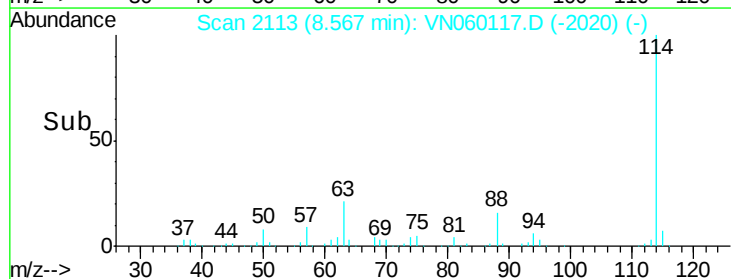
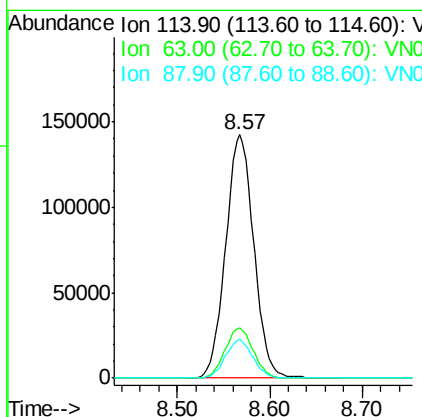
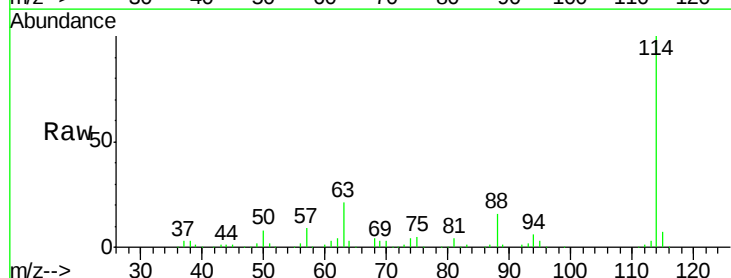
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#02

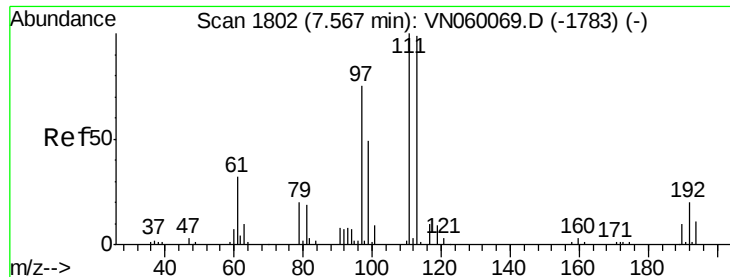
Tot Ion: 65 Resp: 115486
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060117.D
 Acq: 17 Feb 2020 14:22

Tgt Ion: 114 Resp: 299503
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.0
 88 15.8 0.0 31.6

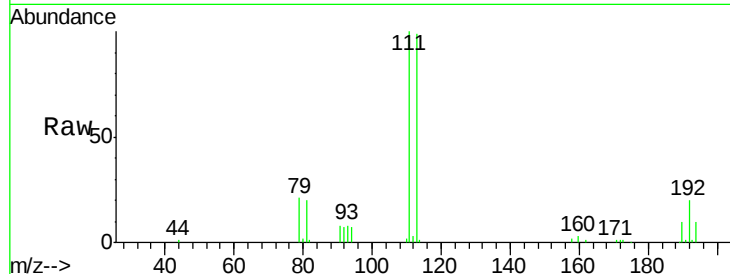




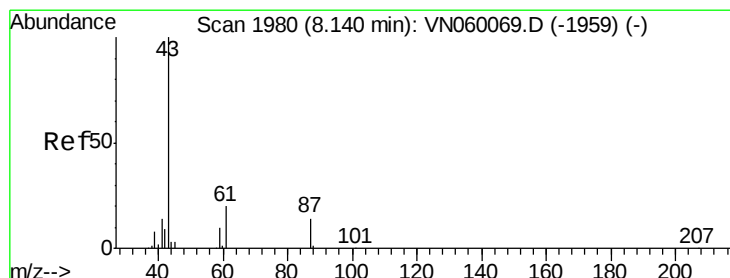
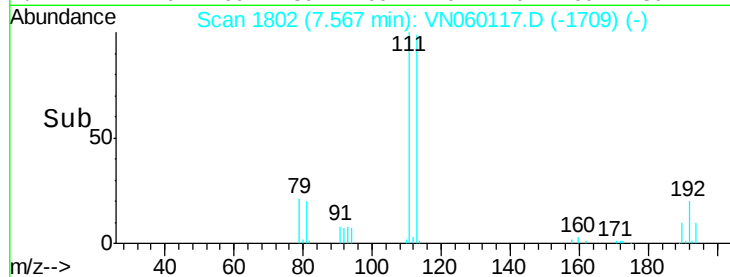
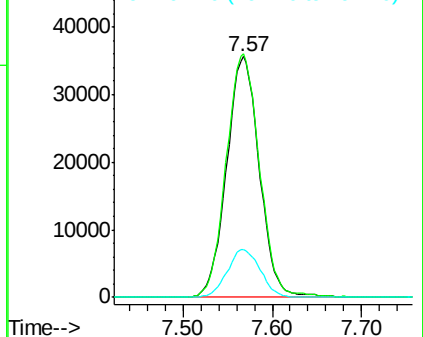
#35
 Dibromofluoromethane
 Concen: 49.225 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060117.D
 Acq: 17 Feb 2020 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.2
192	20.0	16.2	24.2

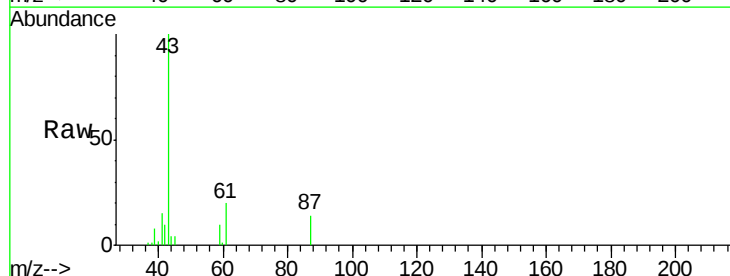


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

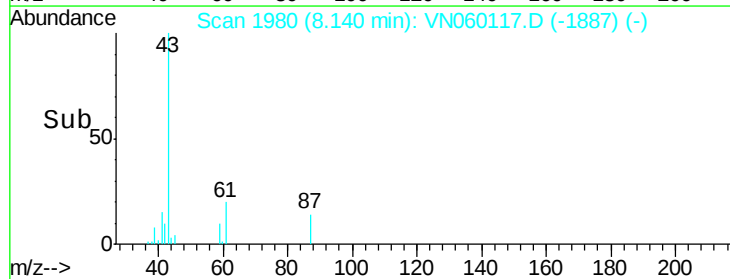
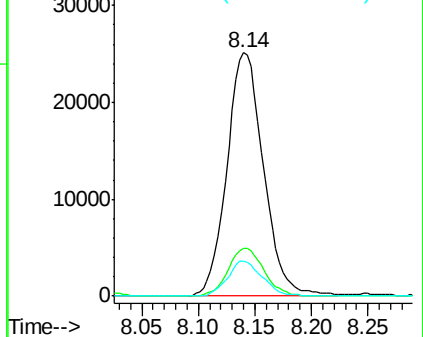


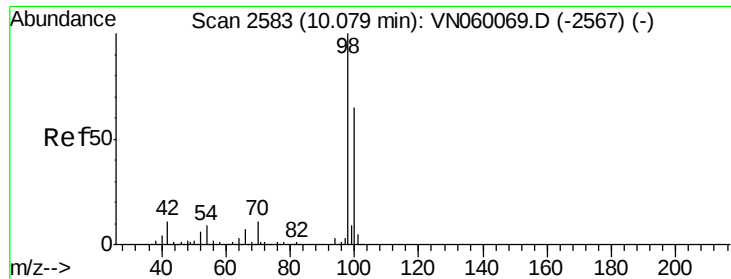
#43
 Isopropyl Acetate
 Concen: 13.218 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060117.D
 Acq: 17 Feb 2020 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	21.8	32.6#
87	13.5	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.444 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

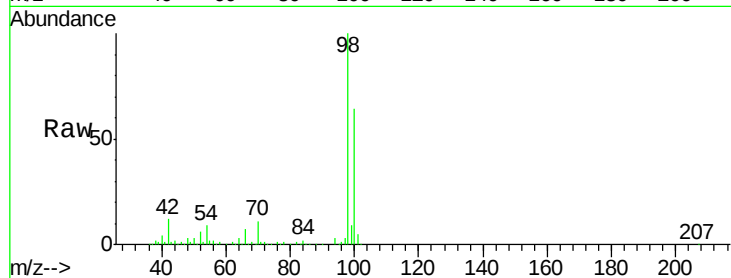
PB126834ZHE#02

Tot Ion: 98 Resp: 365718

Ion Ratio Lower Upper

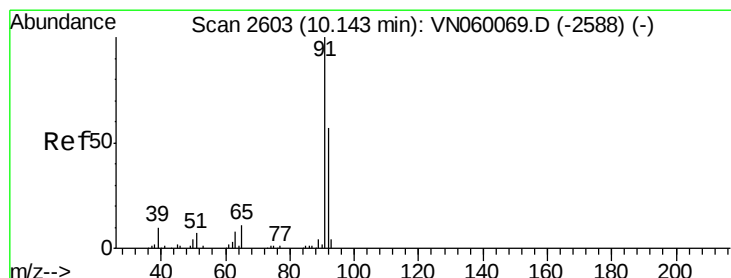
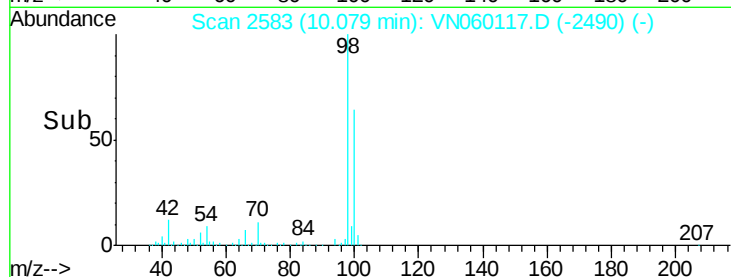
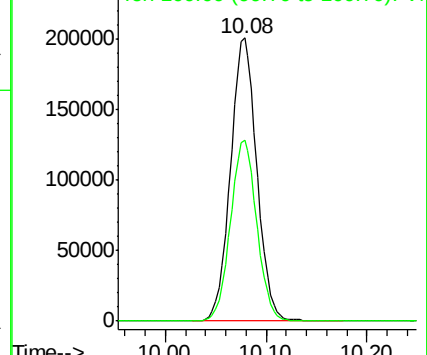
98 100

100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#52

Toluene

Concen: 0.210 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060117.D

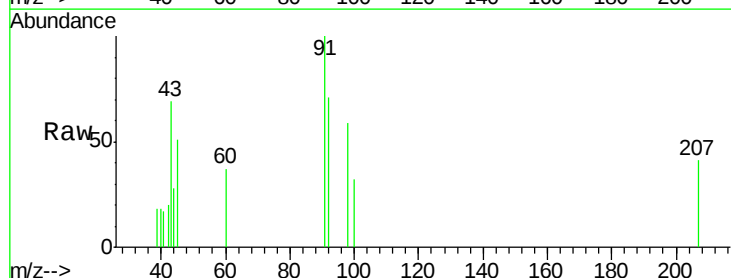
Acq: 17 Feb 2020 14:22

Tgt Ion: 92 Resp: 1106

Ion Ratio Lower Upper

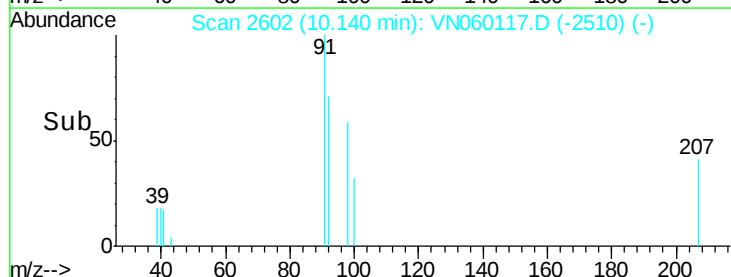
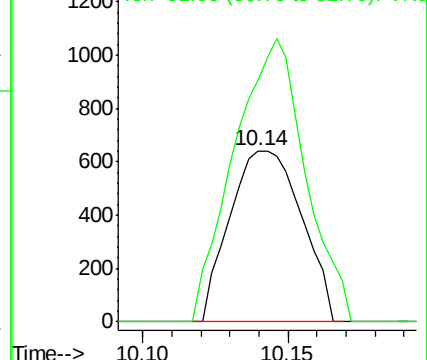
92 100

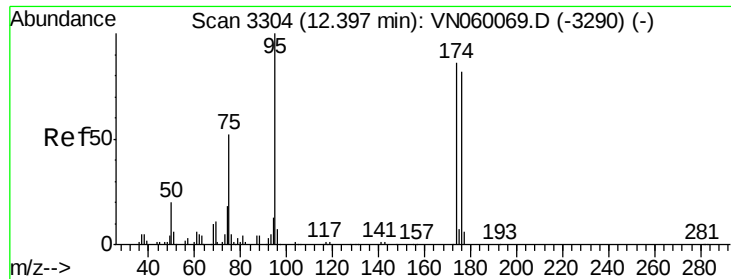
91 164.5 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.237 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#02

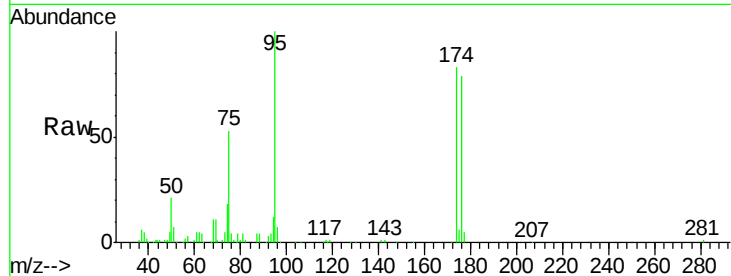
Tot Ion: 95 Resp: 125839

Ion Ratio Lower Upper

95 100

174 83.4 0.0 169.8

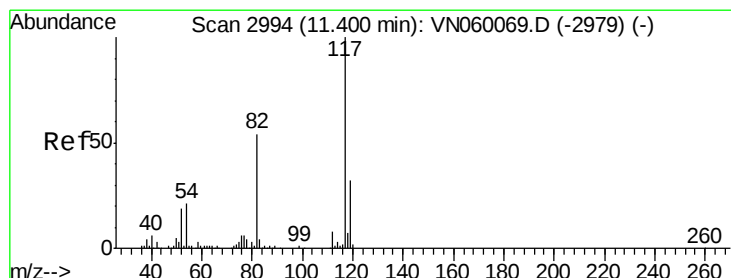
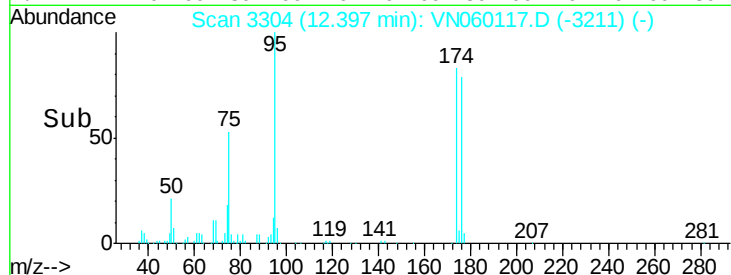
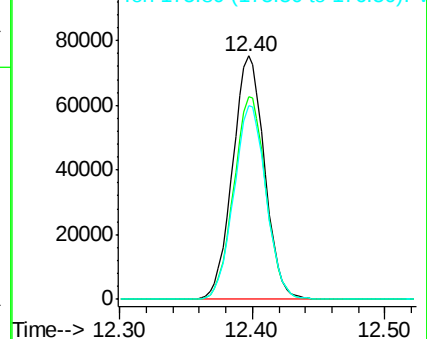
176 80.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060117.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060117.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060117.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

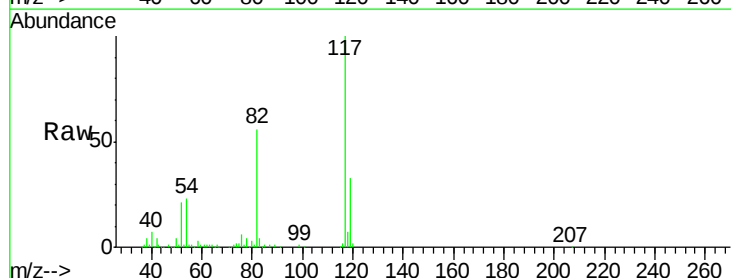
Tgt Ion: 117 Resp: 272909

Ion Ratio Lower Upper

117 100

82 56.1 43.4 65.0

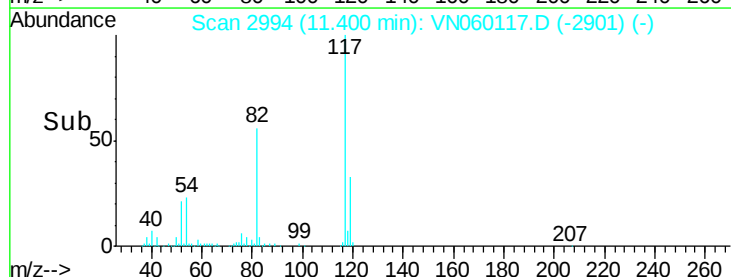
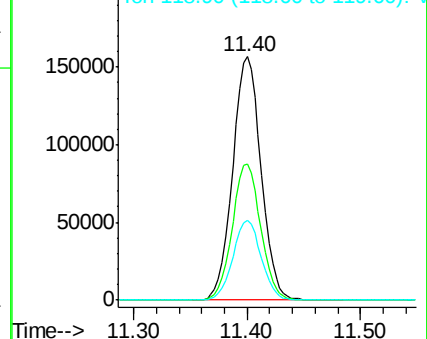
119 32.7 25.8 38.6

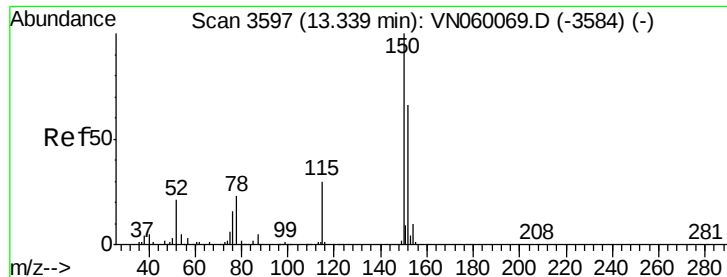


Abundance Ion 116.90 (116.60 to 117.60): VN060117.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060117.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060117.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060117.D

Acq: 17 Feb 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#02

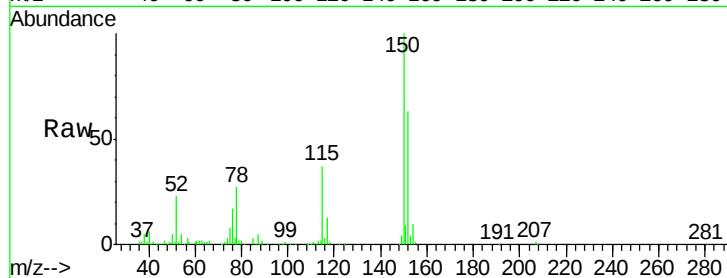
Tot Ion:152 Resp: 115192

Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.8

150 158.3 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

