

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060119.D
 Acq On : 17 Feb 2020 15:07
 Operator : JC/MD
 Sample : PB126834ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#04

Quant Time: Feb 17 17:08:08 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

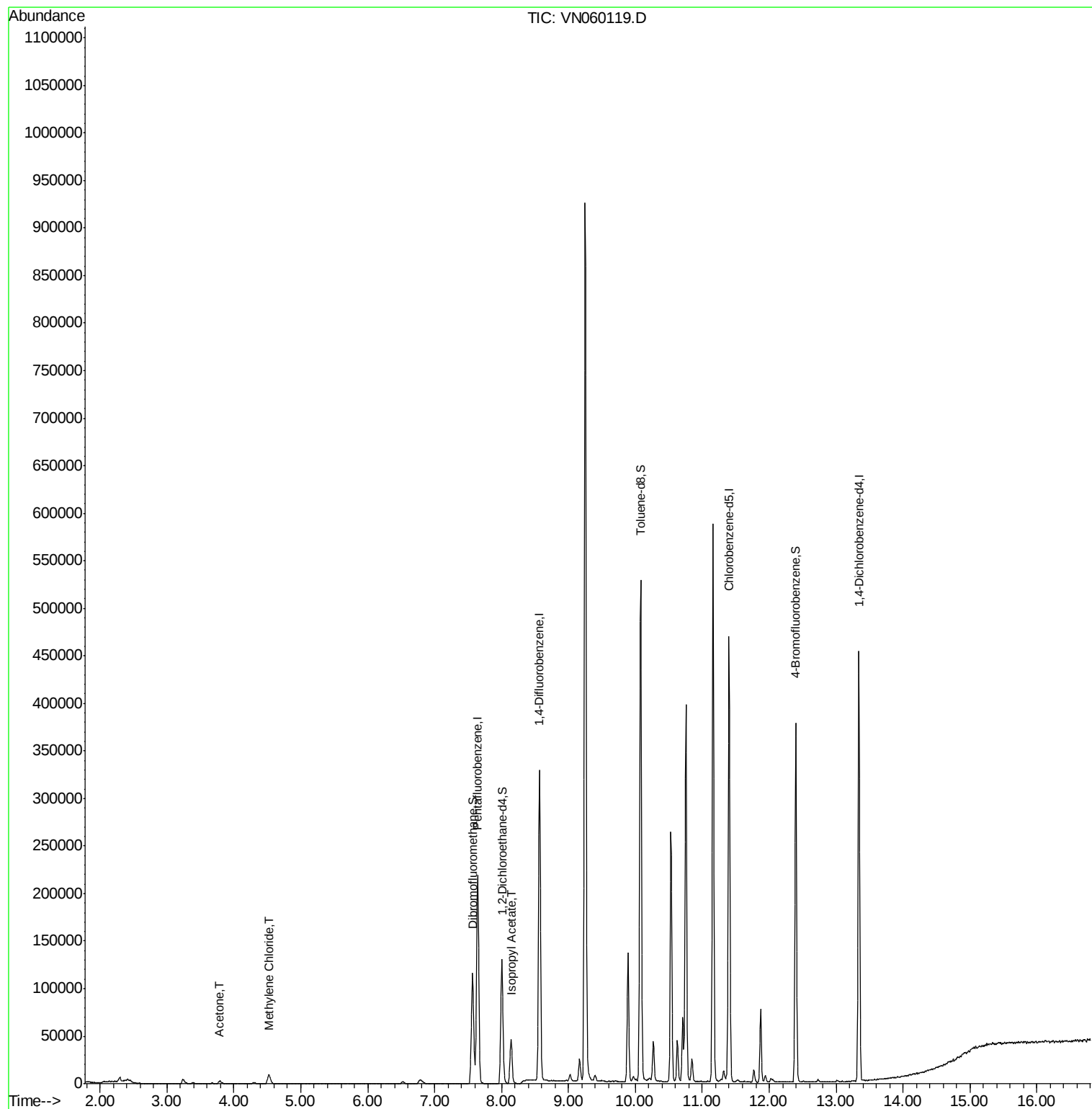
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	290748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111935	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
35) Dibromofluoromethane	7.57	113	88082	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	10.08	98	354531	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	127657	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
Target Compounds						
16) Acetone	3.79	43	5439	5.671	ug/l	100
20) Methylene Chloride	4.53	84	7510	3.925	ug/l	95
43) Isopropyl Acetate	8.14	43	55809	13.414	ug/l #	90

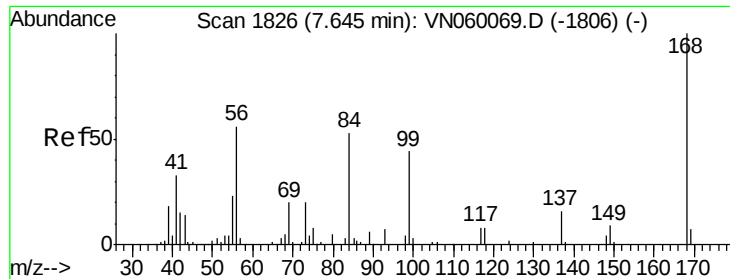
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060119.D

Acq: 17 Feb 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

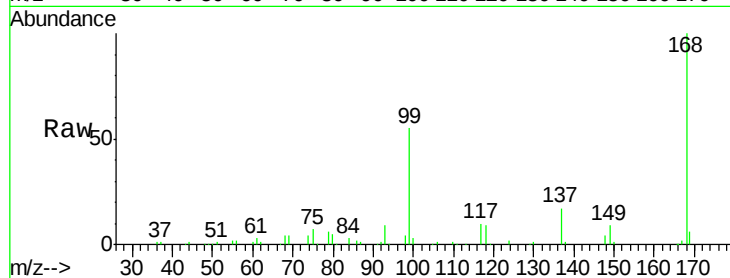
PB126834ZHE#04

Tot Ion:168 Resp: 180682

Ion Ratio Lower Upper

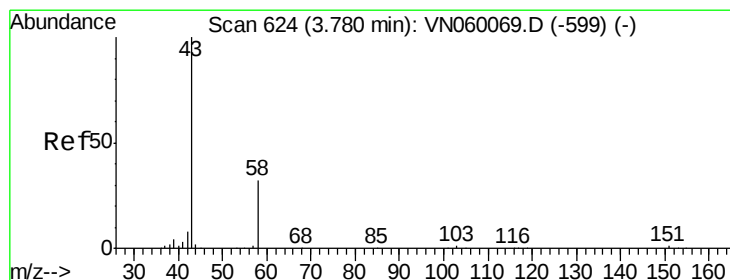
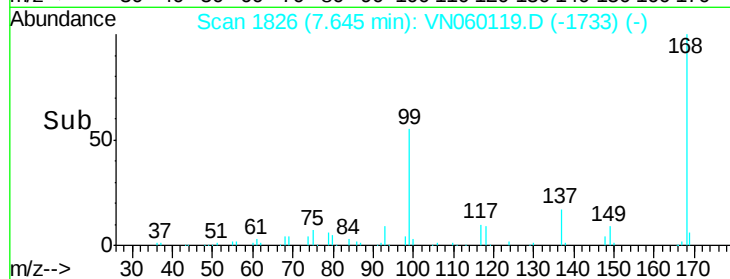
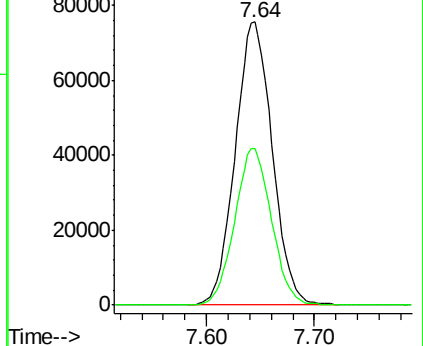
168 100

99 55.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.671 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060119.D

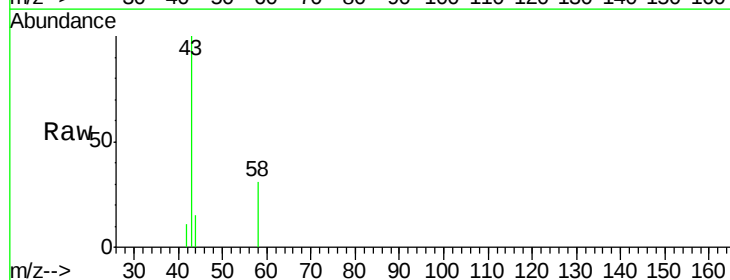
Acq: 17 Feb 2020 15:07

Tgt Ion: 43 Resp: 5439

Ion Ratio Lower Upper

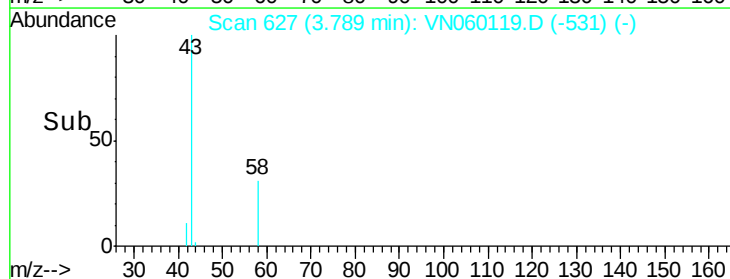
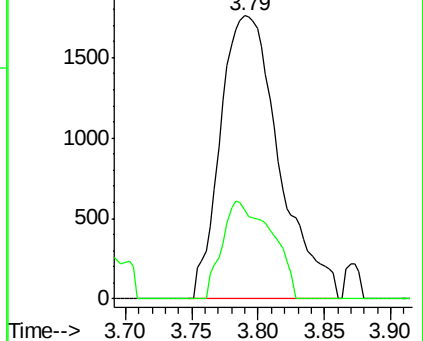
43 100

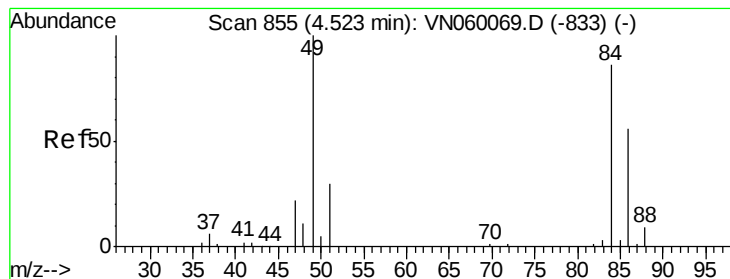
58 31.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 3.925 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060119.D

Acq: 17 Feb 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#04

Tot Ion: 84 Resp: 7510

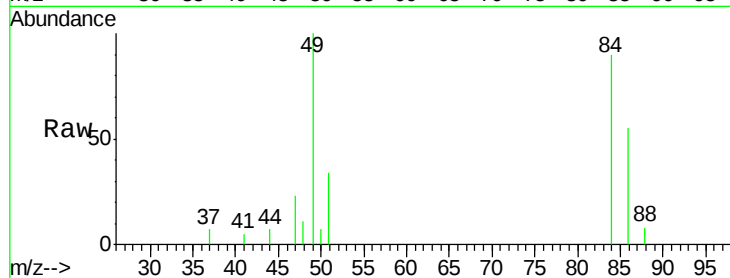
Ion Ratio Lower Upper

84 100

49 111.1 93.4 140.0

51 37.4 28.4 42.6

86 61.4 52.5 78.7

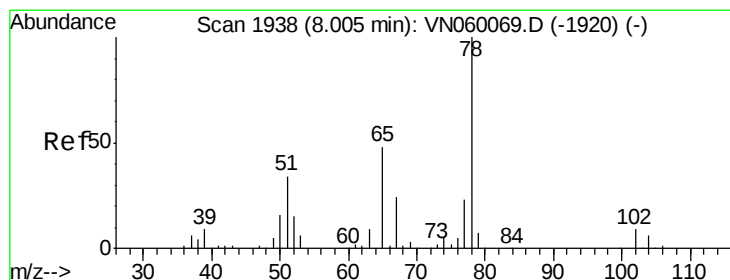
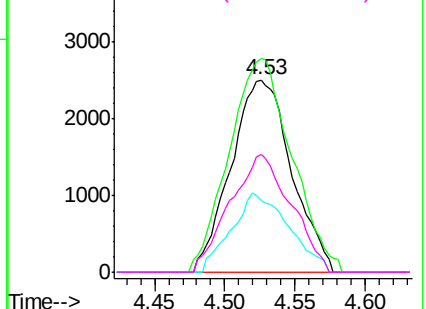
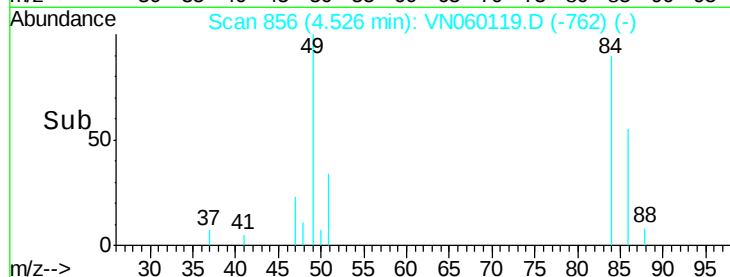


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 50.912 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060119.D

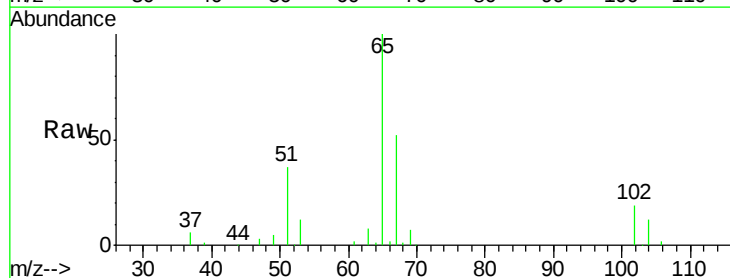
Acq: 17 Feb 2020 15:07

Tgt Ion: 65 Resp: 111935

Ion Ratio Lower Upper

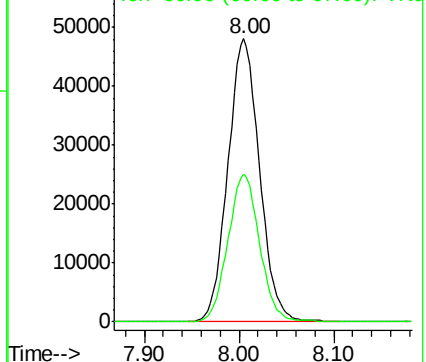
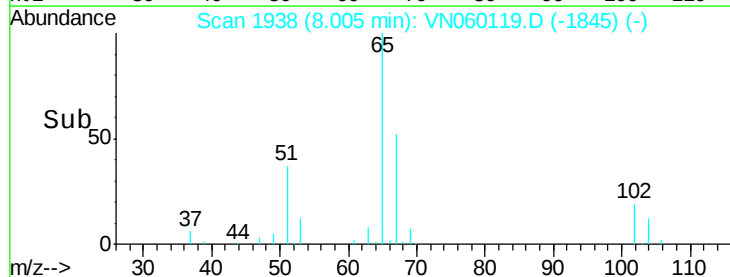
65 100

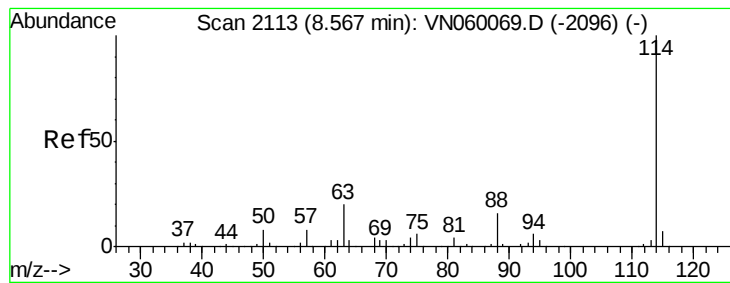
67 52.0 0.0 104.0



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# 2113

Delta R.T. 0.00 min

Lab File: VN060119.D

Acq: 17 Feb 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#04

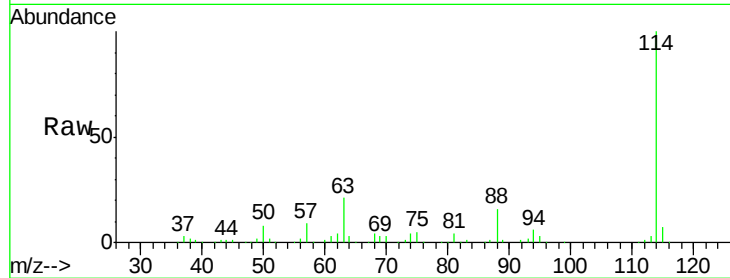
Tot Ion:114 Resp: 290748

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

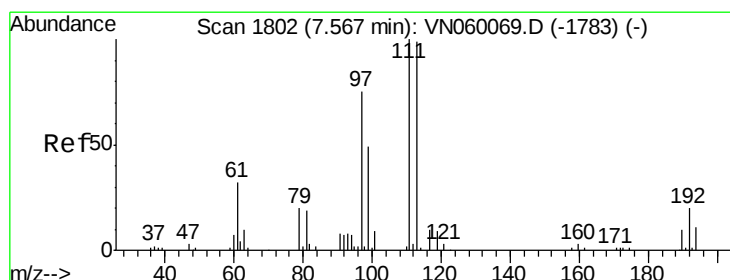
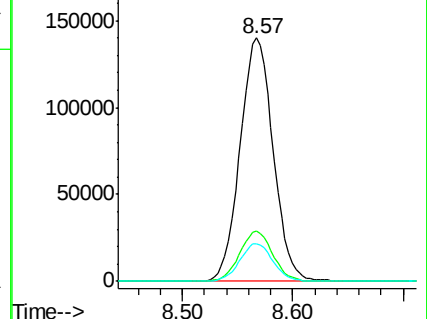
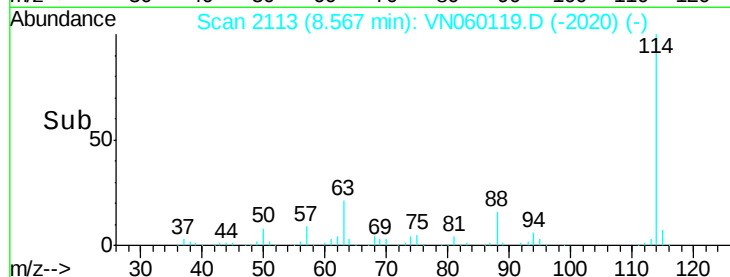
88 15.6 0.0 31.6



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: 49.284 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060119.D

Acq: 17 Feb 2020 15:07

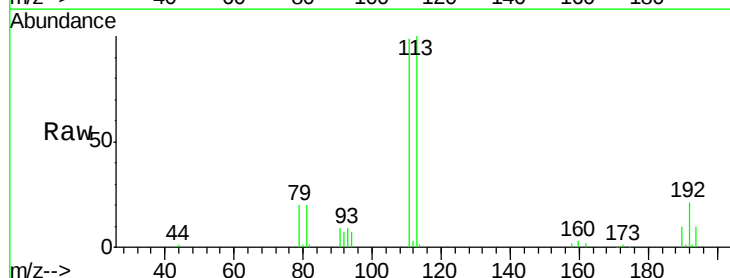
Tgt Ion:113 Resp: 88082

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

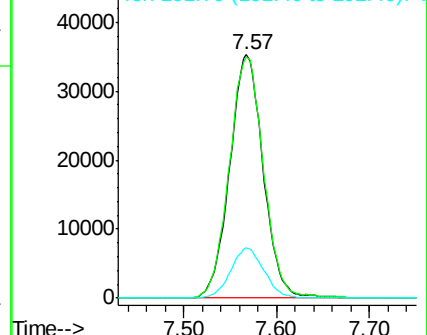
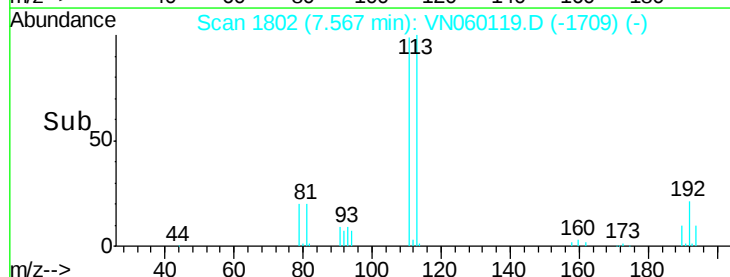
192 20.4 16.2 24.2

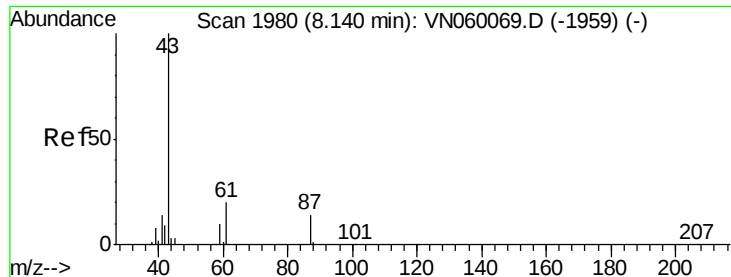


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.414 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060119.D

Acq: 17 Feb 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#04

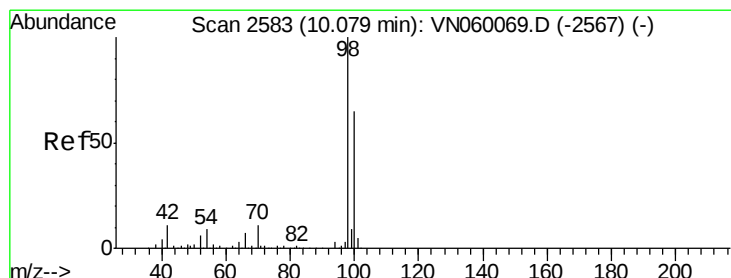
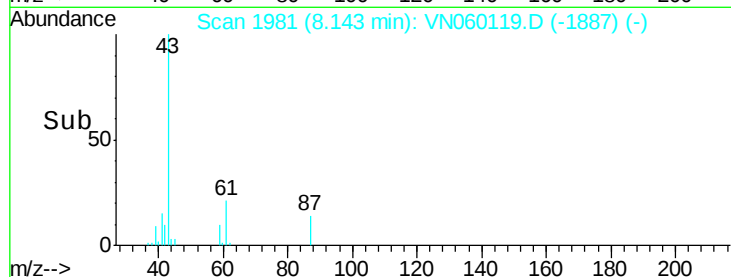
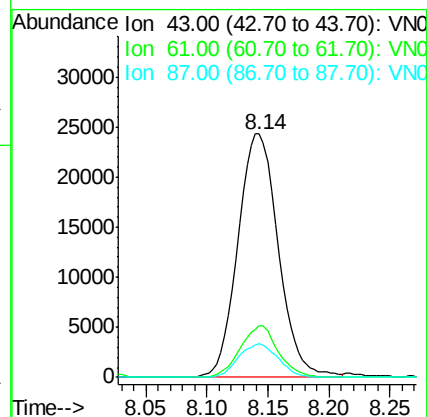
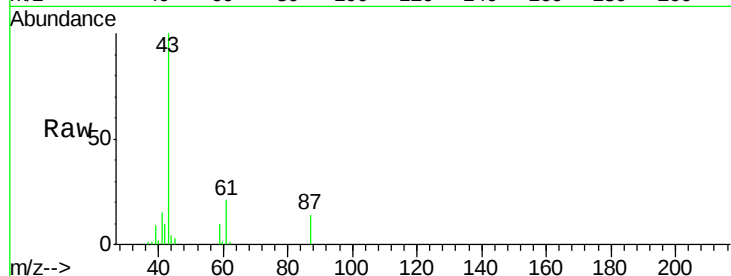
Tot Ion: 43 Resp: 55809

Ion Ratio Lower Upper

43 100

61 19.7 21.8 32.6#

87 13.3 11.4 17.2



#50

Toluene-d8

Concen: 50.374 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060119.D

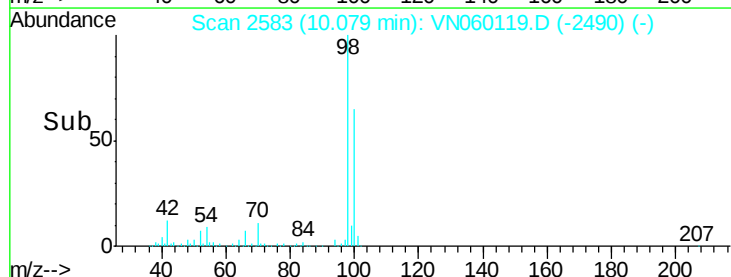
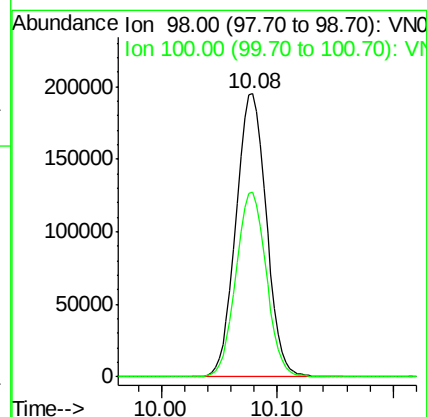
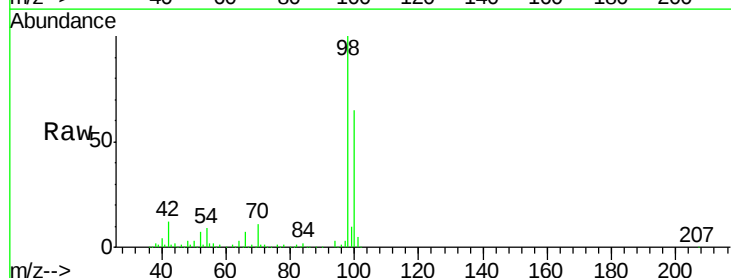
Acq: 17 Feb 2020 15:07

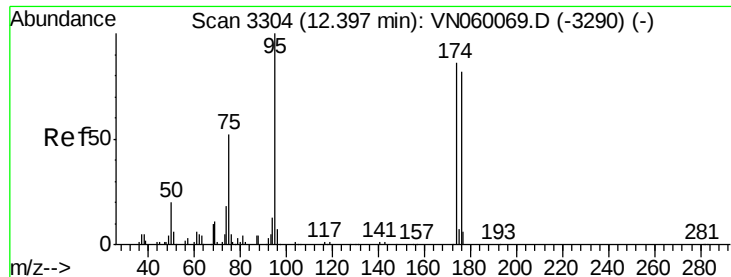
Tgt Ion: 98 Resp: 354531

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5

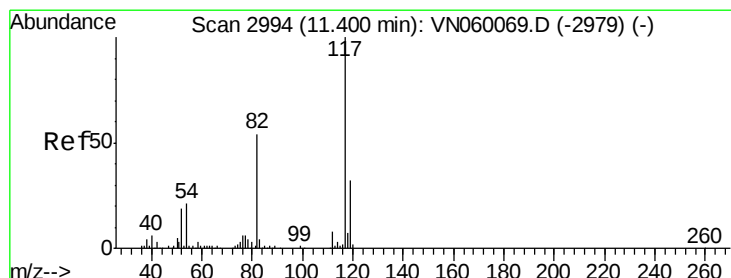
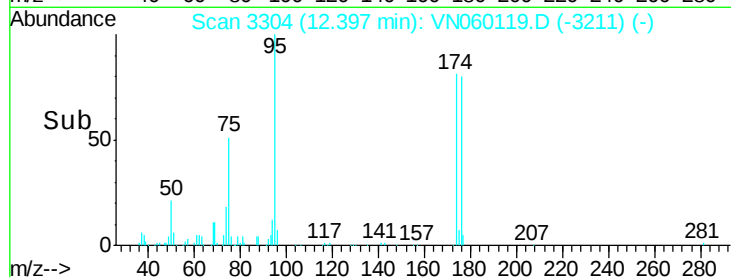
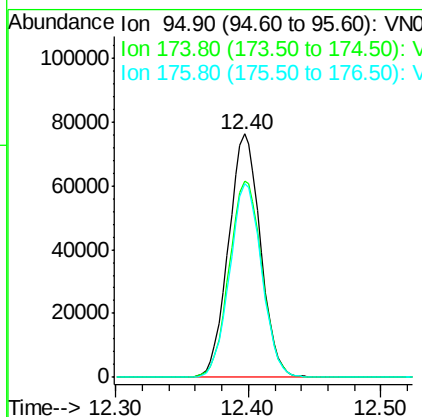
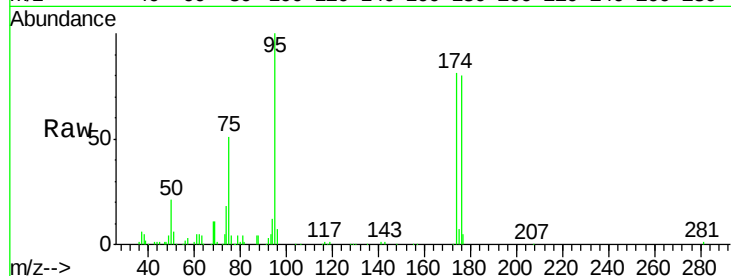




#62
4-Bromofluorobenzene
Concen: 49.362 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060119.D
Acq: 17 Feb 2020 15:07

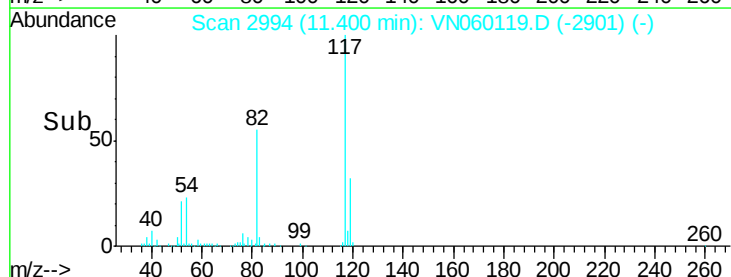
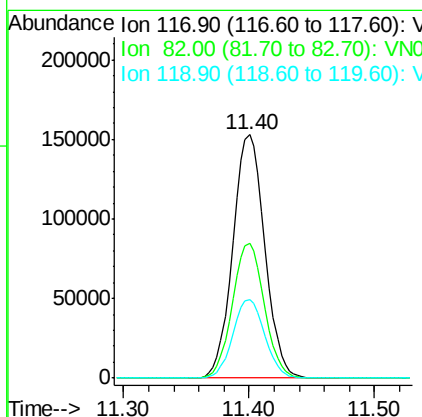
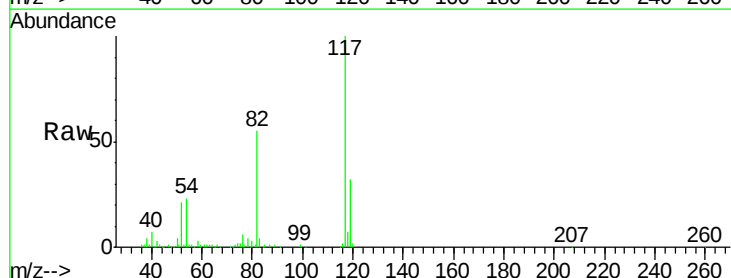
Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#04

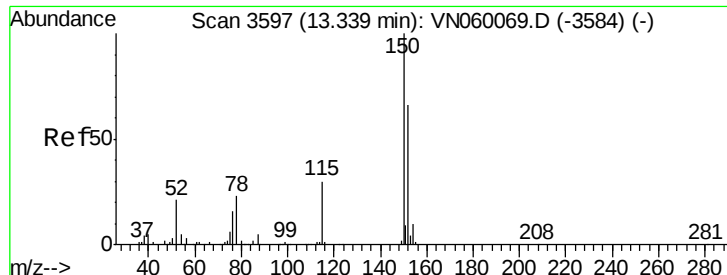
Tot Ion	95	Resp	127657
Ion Ratio	Lower	Upper	
95	100		
174	82.6	0.0	169.8
176	79.7	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060119.D
Acq: 17 Feb 2020 15:07

Tgt Ion	117	Resp	269928
Ion Ratio	Lower	Upper	
117	100		
82	55.4	43.4	65.0
119	32.1	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060119.D

Acq: 17 Feb 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#04

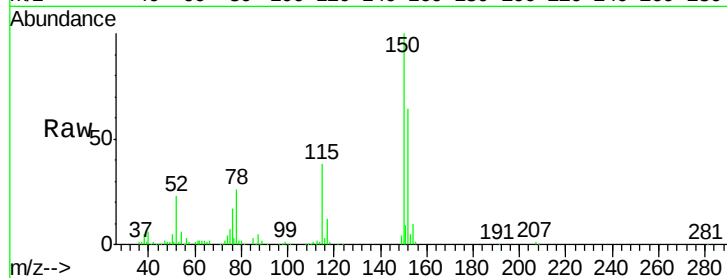
Tot Ion:152 Resp: 119817

Ion Ratio Lower Upper

152 100

115 58.8 28.9 86.8

150 158.2 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

