

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060201.D
 Acq On : 24 Feb 2020 11:52
 Operator : JC/MD
 Sample : PB127001TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127001TB

Quant Time: Feb 24 16:18:49 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

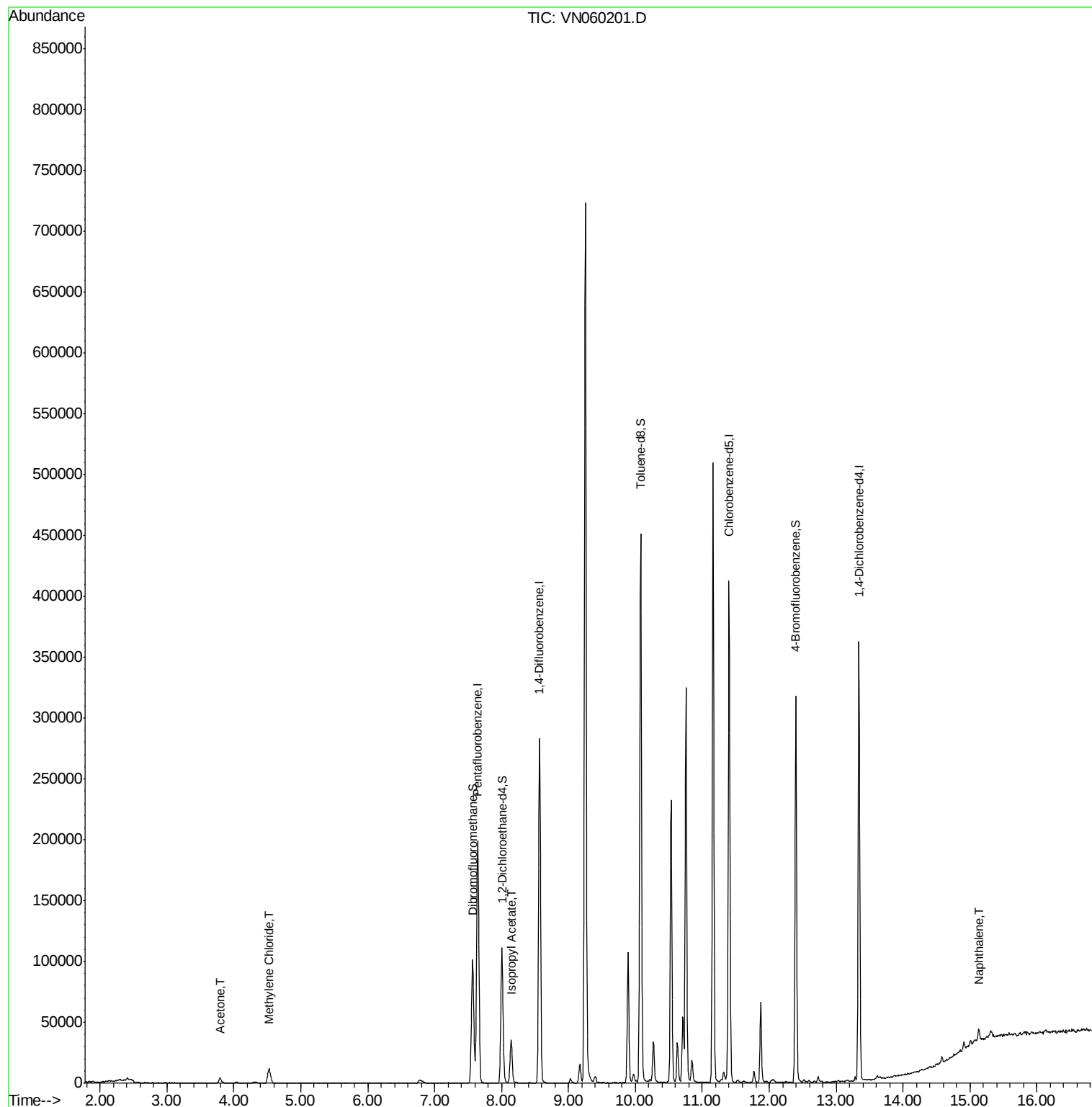
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	167995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	259863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	237305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97509	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	7.57	113	76879	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	10.08	98	309782	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	106965	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
16) Acetone	3.79	43	7203	8.078	ug/l	97
20) Methylene Chloride	4.53	84	9261	5.206	ug/l	93
43) Isopropyl Acetate	8.14	43	42857	11.525	ug/l #	89
95) Naphthalene	15.13	128	8683	1.692	ug/l	96

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

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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: VN060201.D

Acq: 24 Feb 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

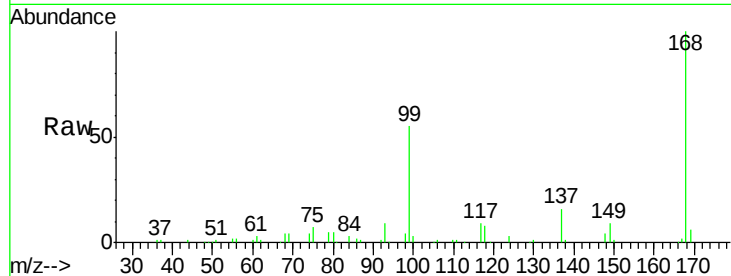
PB127001TB

Tot Ion:168 Resp: 167995

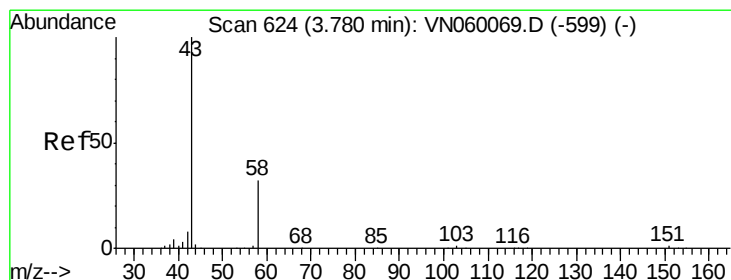
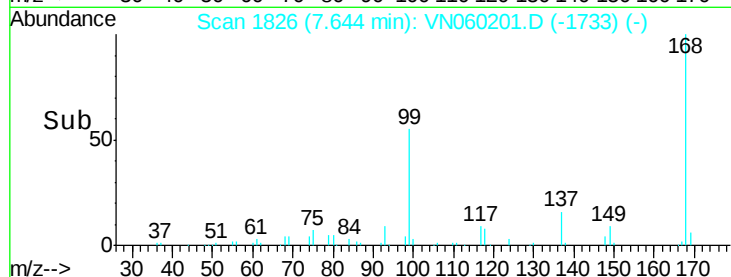
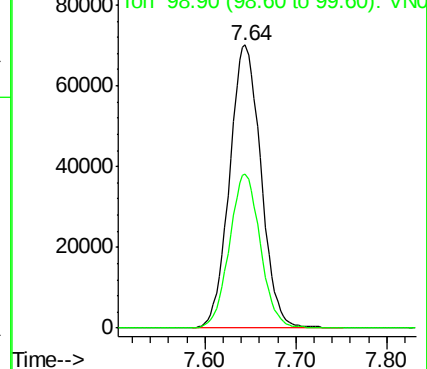
Ion Ratio Lower Upper

168 100

99 54.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): VN060069.D (-1806) (-)



#16

Acetone

Concen: 8.078 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060201.D

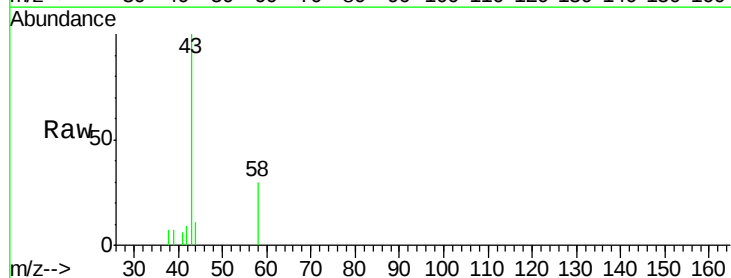
Acq: 24 Feb 2020 11:52

Tgt Ion: 43 Resp: 7203

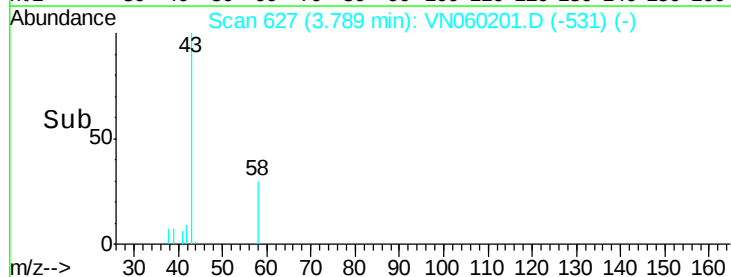
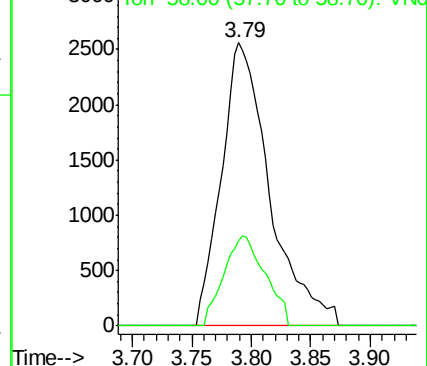
Ion Ratio Lower Upper

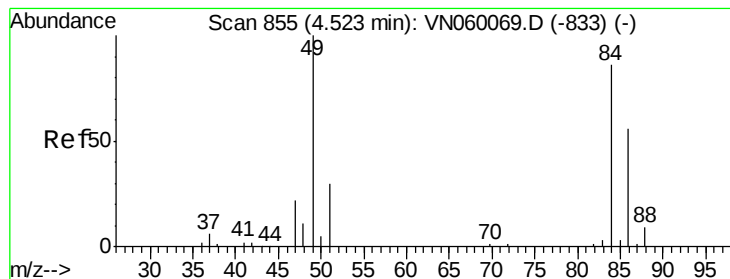
43 100

58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-599) (-)





#20

Methylene Chloride

Concen: 5.206 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060201.D

Acq: 24 Feb 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB127001TB

Tot Ion: 84 Resp: 9261

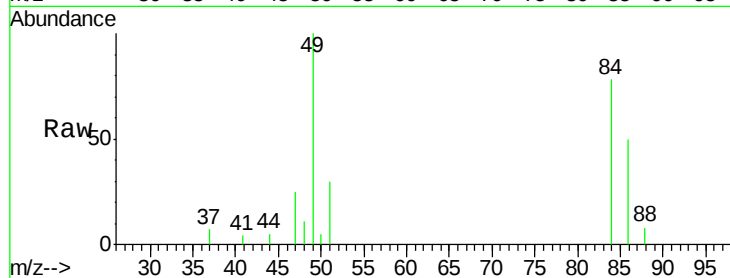
Ion Ratio Lower Upper

84 100

49 127.5 93.4 140.0

51 38.1 28.4 42.6

86 63.5 52.5 78.7

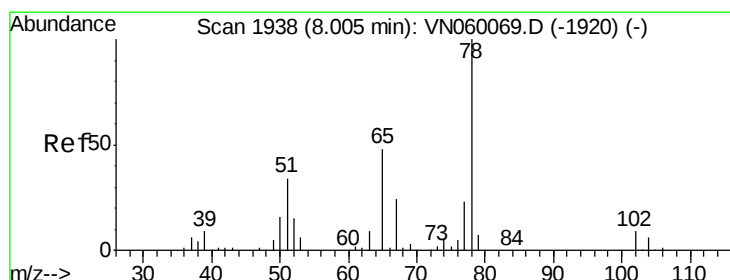
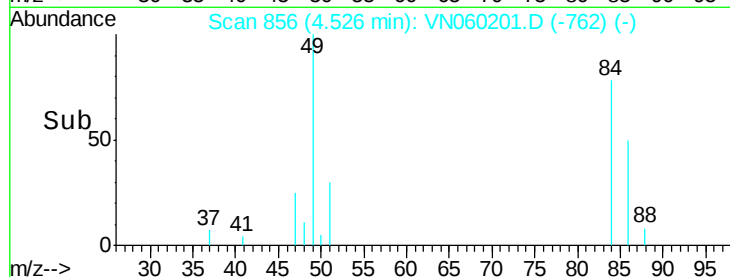
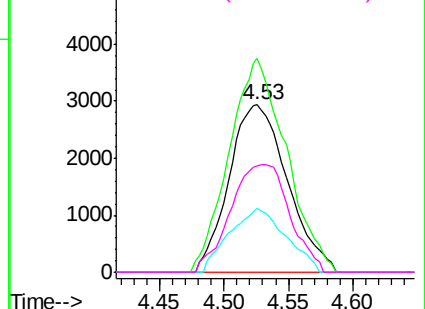


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 47.700 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060201.D

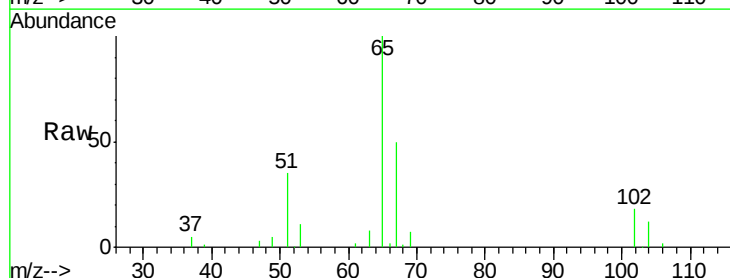
Acq: 24 Feb 2020 11:52

Tgt Ion: 65 Resp: 97509

Ion Ratio Lower Upper

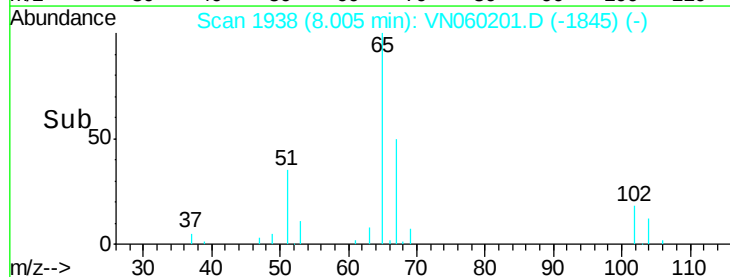
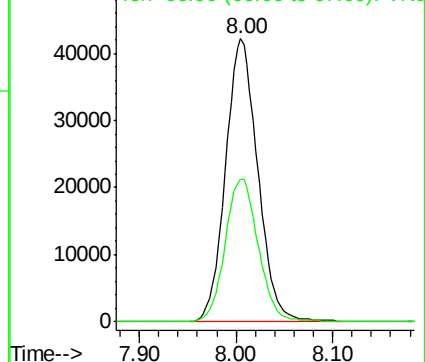
65 100

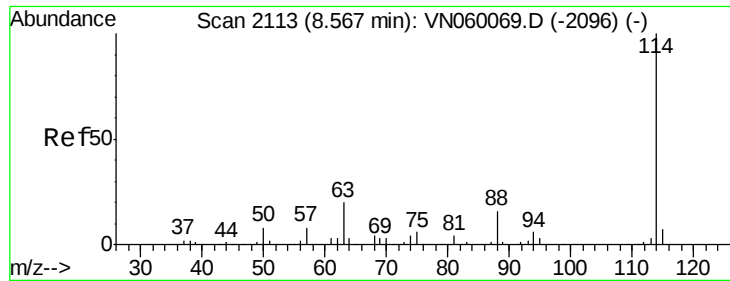
67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

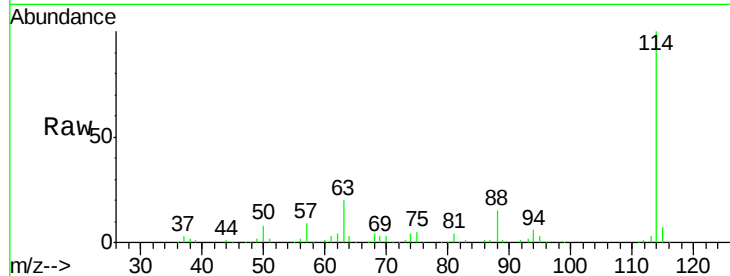




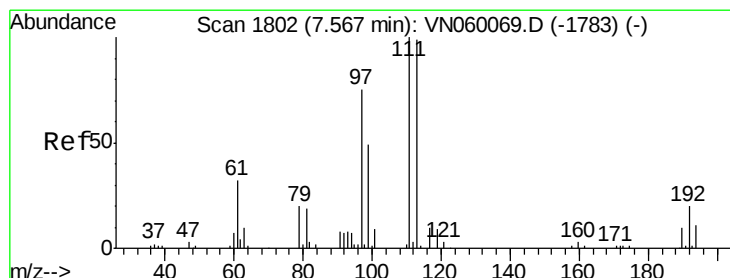
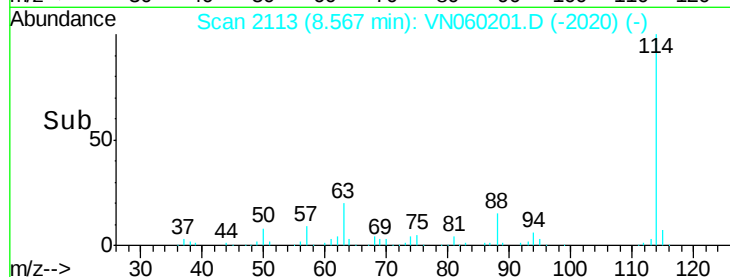
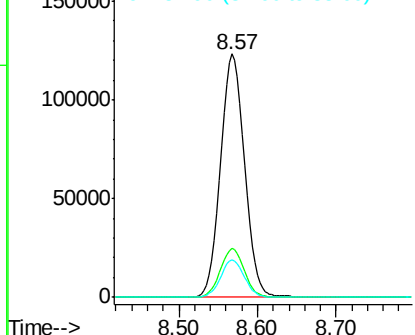
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060201.D
Acq: 24 Feb 2020 11:52

Instrument :
MSVOA_N
ClientSampleId :
PB127001TB

Tot Ion:114 Resp: 259863
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 15.5 0.0 31.6

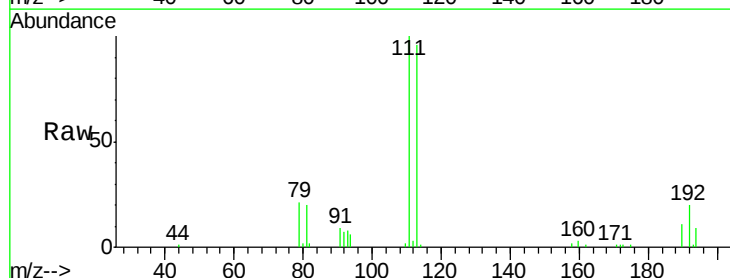


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

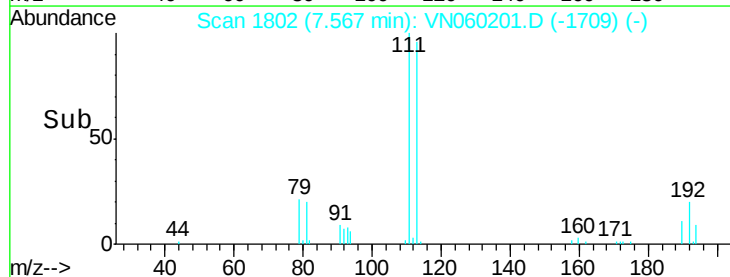
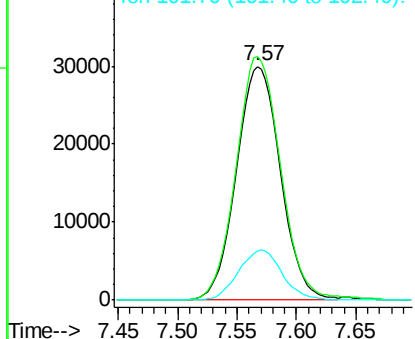


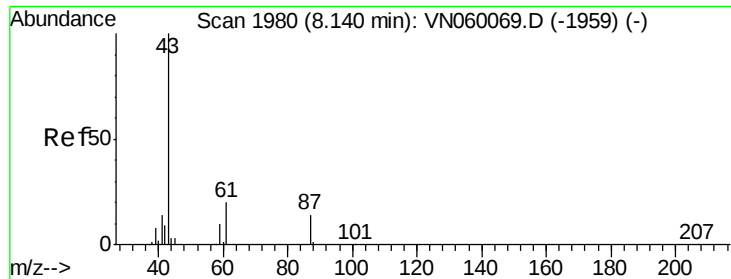
#35
Dibromofluoromethane
Concen: 48.128 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060201.D
Acq: 24 Feb 2020 11:52

Tgt Ion:113 Resp: 76879
Ion Ratio Lower Upper
113 100
111 105.7 81.4 122.2
192 21.2 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



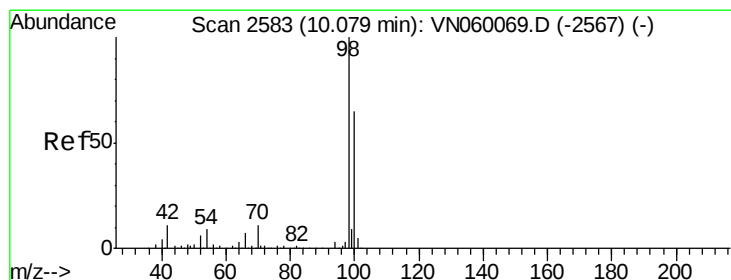
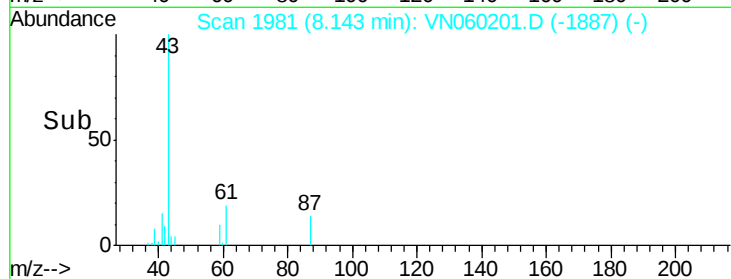
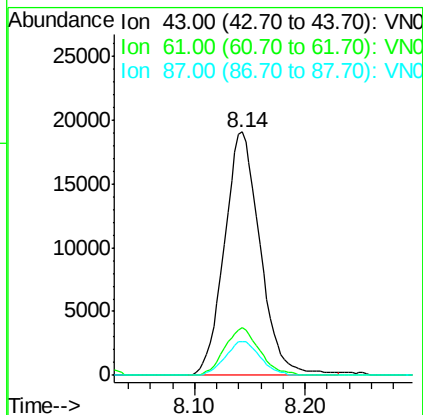
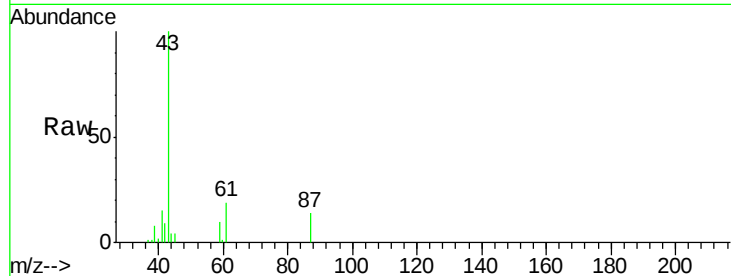


#43

Isopropyl Acetate
 Concen: 11.525 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060201.D
 Acq: 24 Feb 2020 11:52

Instrument :
 MSVOA_N
 ClientSampleID :
 PB127001TB

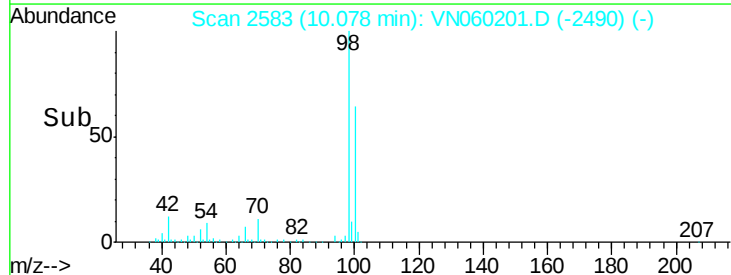
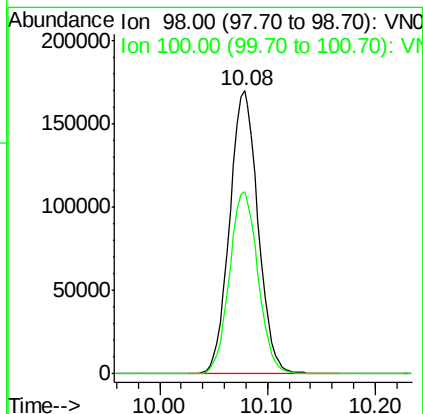
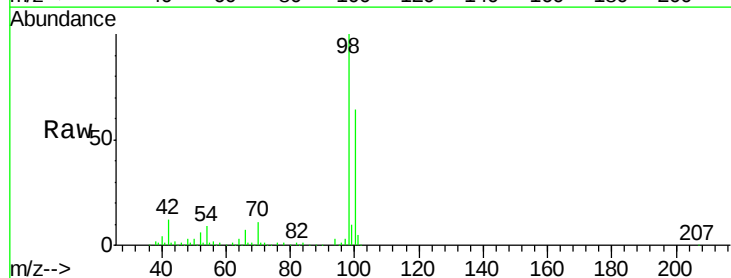
Tot Ion	43	Resp	42857
Ion Ratio	Lower	Upper	
43	100		
61	19.0	21.8	32.6#
87	13.4	11.4	17.2

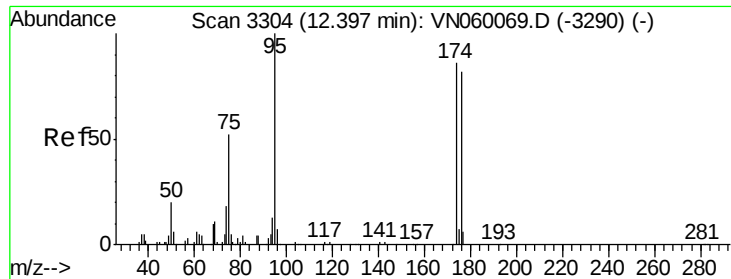


#50

Toluene-d8
 Concen: 49.247 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060201.D
 Acq: 24 Feb 2020 11:52

Tgt Ion	98	Resp	309782
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 46.277 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060201.D

Acq: 24 Feb 2020 11:52

Instrument :

MSVOA_N

ClientSampleId :

PB127001TB

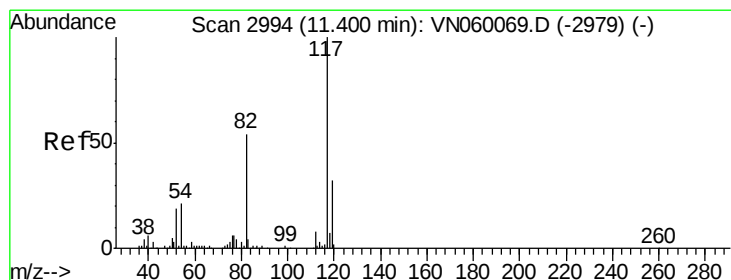
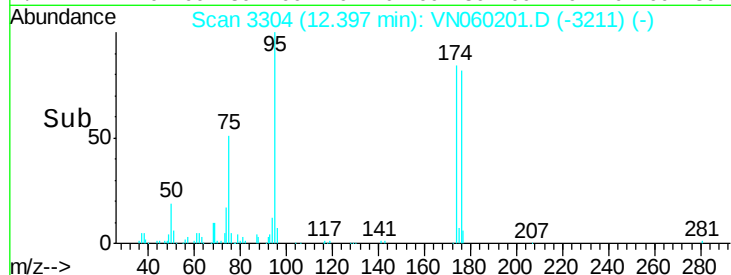
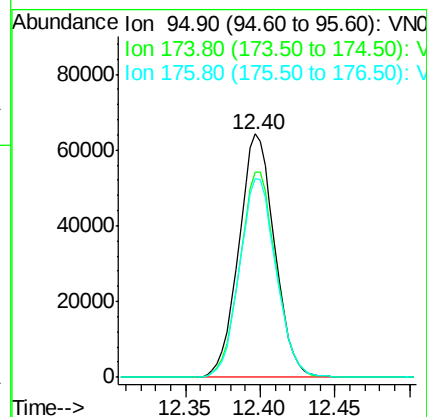
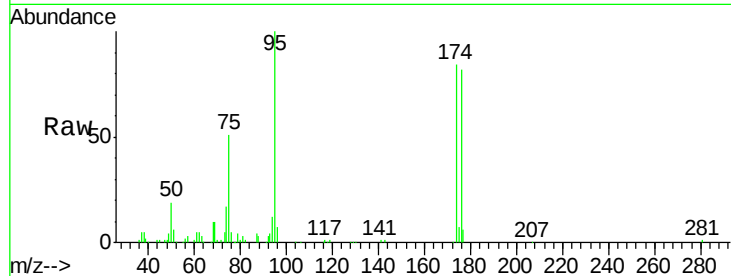
Tot Ion: 95 Resp: 106965

Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.8

176 83.3 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: VN060201.D

Acq: 24 Feb 2020 11:52

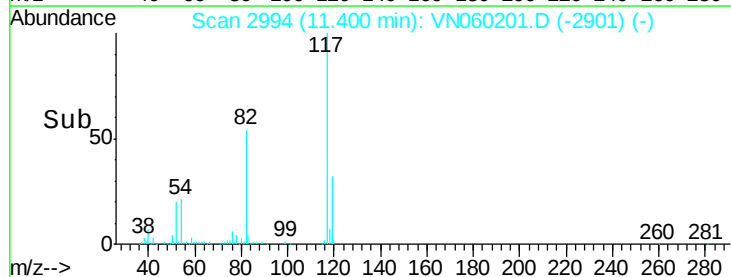
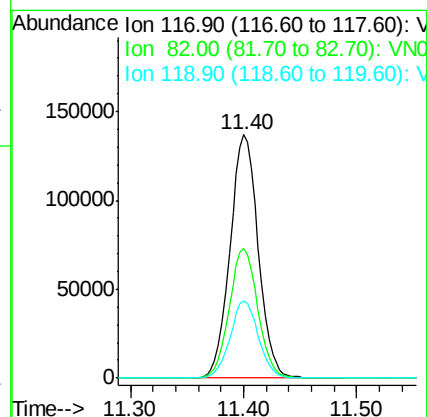
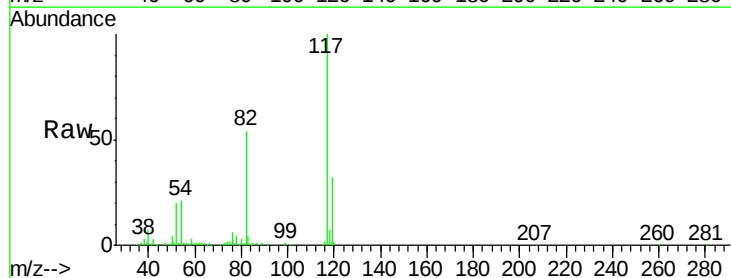
Tgt Ion: 117 Resp: 237305

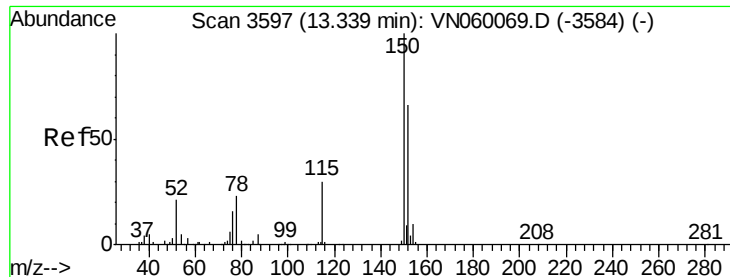
Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.0 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: VN060201.D

Acq: 24 Feb 2020 11:52

Instrument :

MSVOA_N

ClientSampled :

PB127001TB

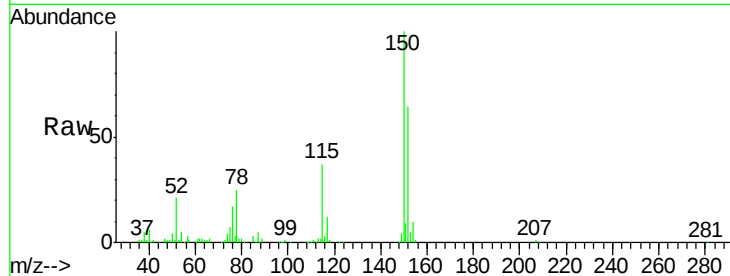
Tot Ion:152 Resp: 100719

Ion Ratio Lower Upper

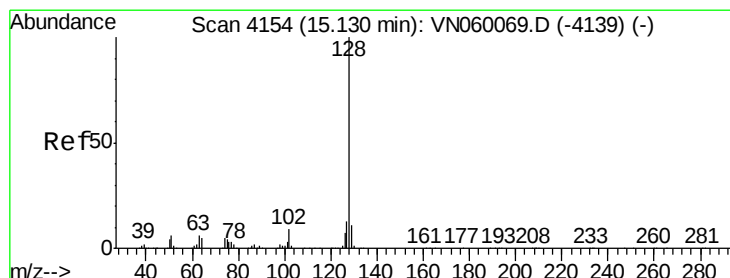
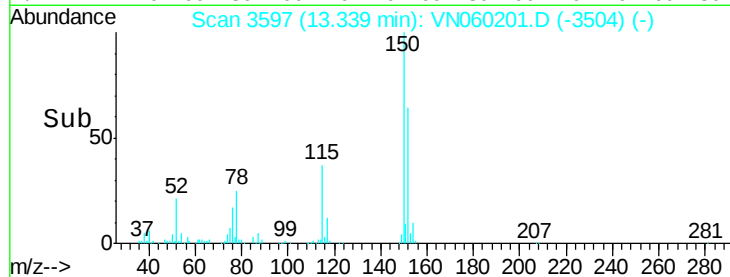
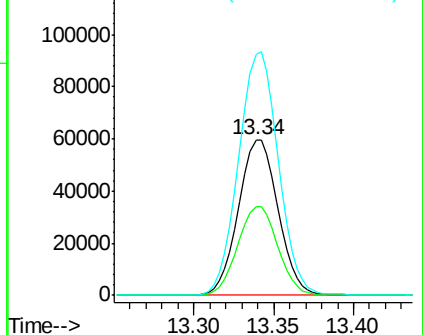
152 100

115 57.7 28.9 86.8

150 157.8 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



#95

Naphthalene

Concen: 1.692 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060201.D

Acq: 24 Feb 2020 11:52

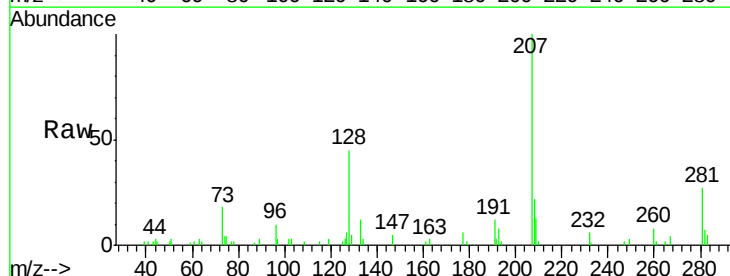
Tgt Ion:128 Resp: 8683

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 9.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

