

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060231.D
 Acq On : 25 Feb 2020 14:05
 Operator : JC/MD
 Sample : PB127055ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127055ZHE#12

Quant Time: Feb 25 22:25:09 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

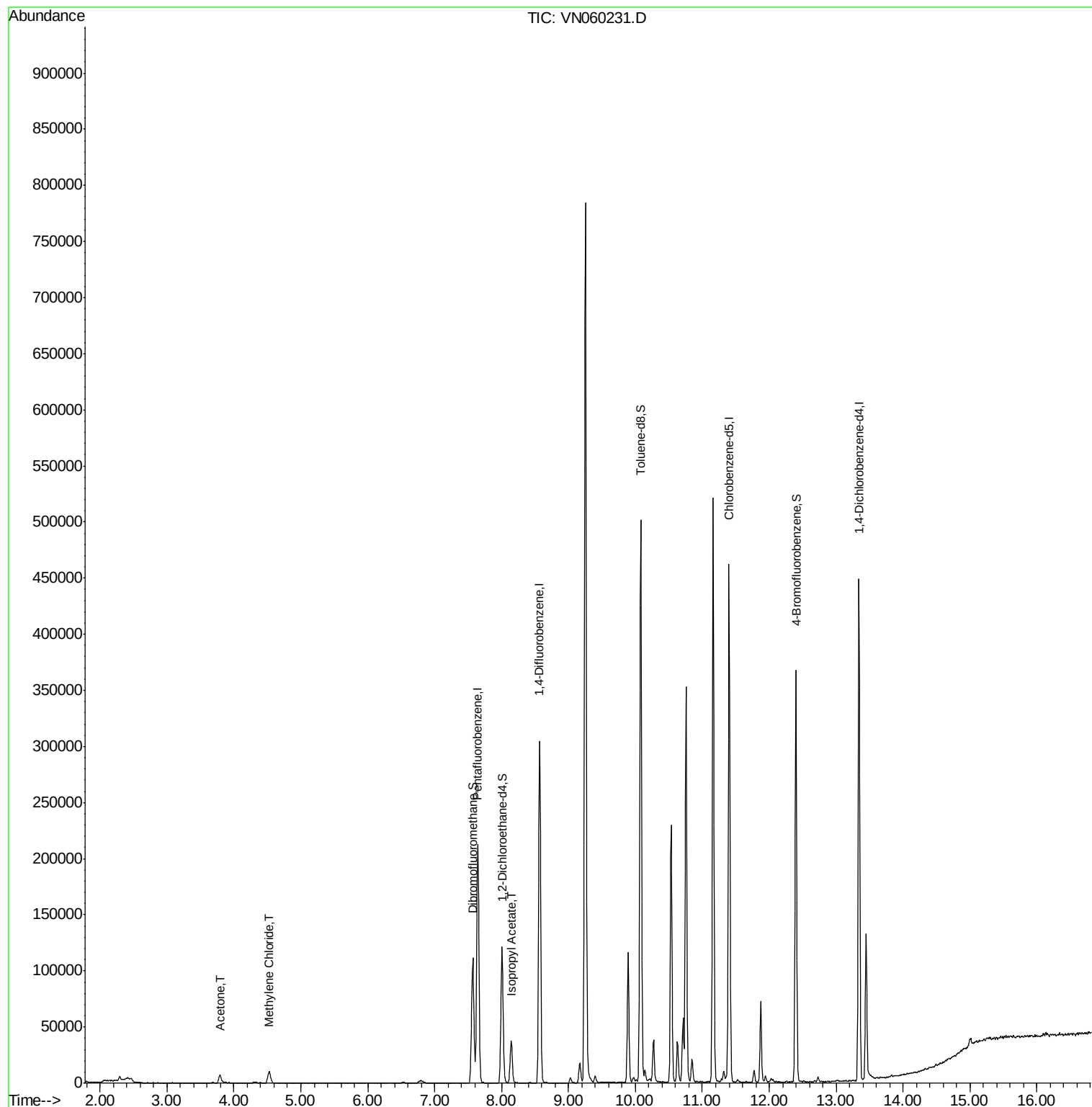
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	283359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	106517	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
35) Dibromofluoromethane	7.57	113	85756	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.08	98	343098	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	124781	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
Target Compounds						
16) Acetone	3.79	43	13503	14.038	ug/l	97
20) Methylene Chloride	4.53	84	8404	4.379	ug/l	99
43) Isopropyl Acetate	8.14	43	45325	11.178	ug/l #	90

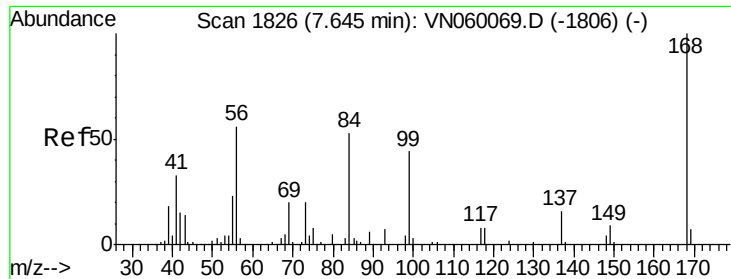
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060231.D

Acq: 25 Feb 2020 14:05

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MSVOA_N

ClientSampleId :

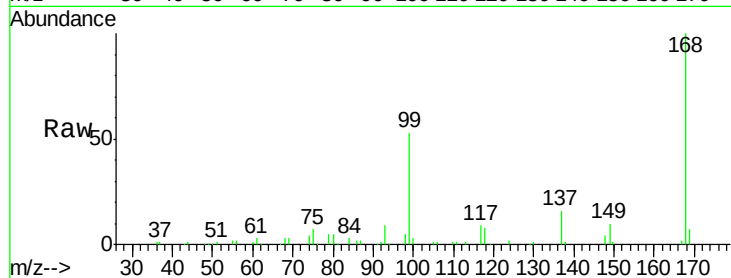
PB127055ZHE#12

Tot Ion:168 Resp: 181230

Ion Ratio Lower Upper

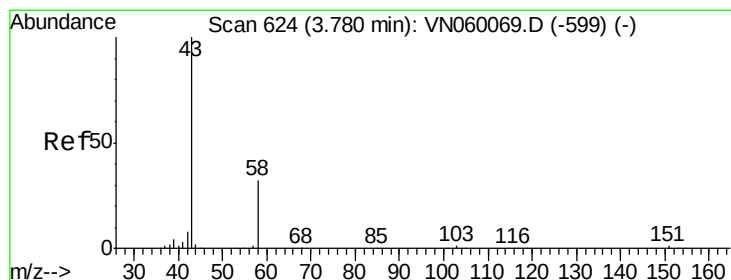
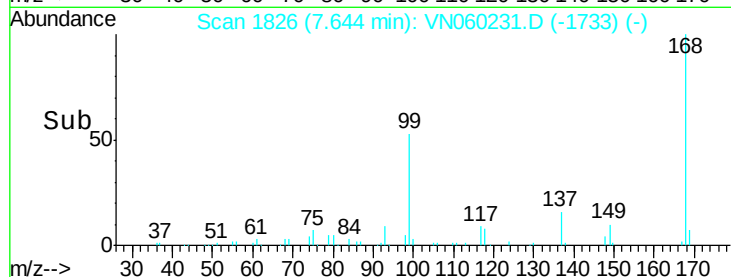
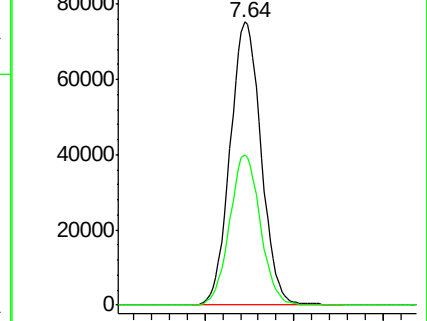
168 100

99 53.1 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: 14.038 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060231.D

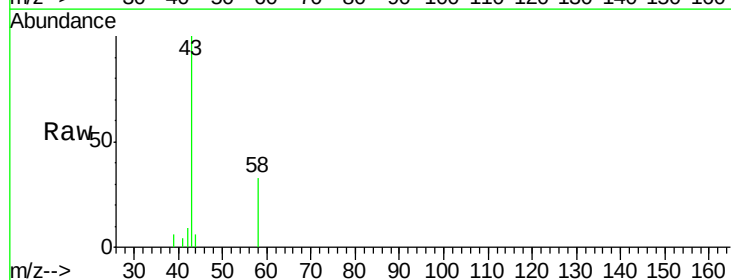
Acq: 25 Feb 2020 14:05

Tgt Ion: 43 Resp: 13503

Ion Ratio Lower Upper

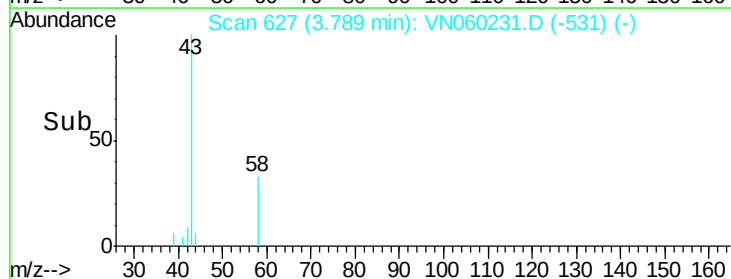
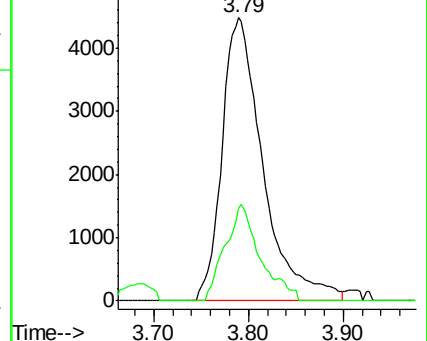
43 100

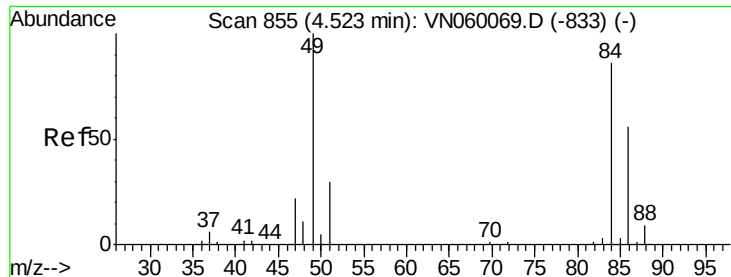
58 32.9 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

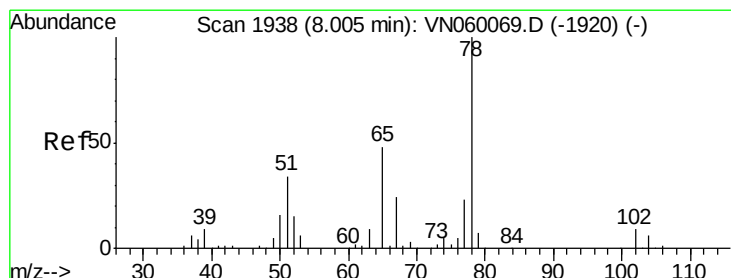
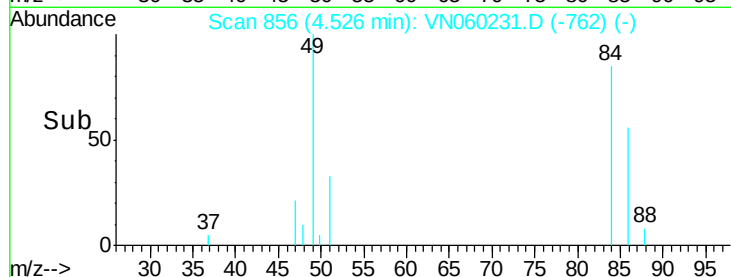
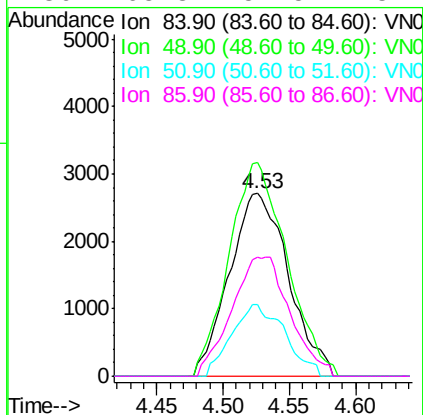
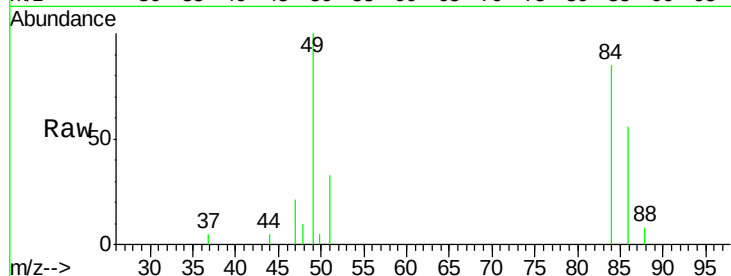




#20
Methylene Chloride
Concen: 4.379 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060231.D
Acq: 25 Feb 2020 14:05

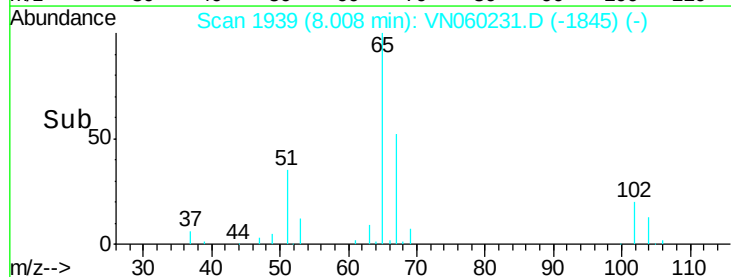
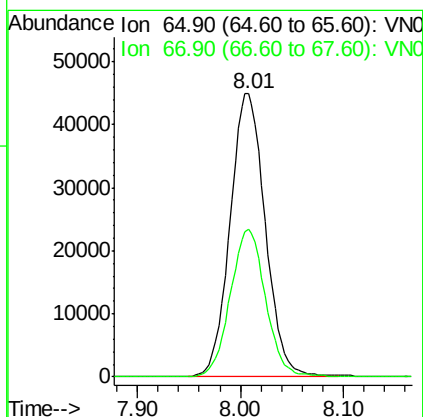
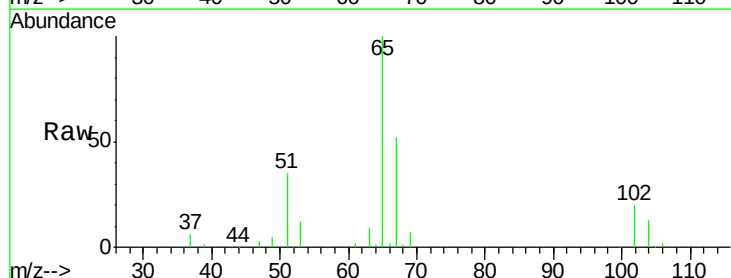
Instrument :
MSVOA_N
ClientSampleId :
PB127055ZHE#12

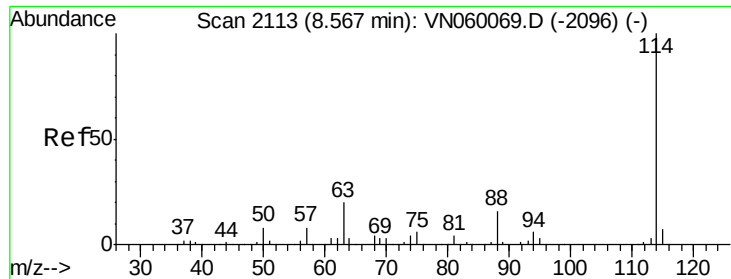
Tot Ion: 84 Resp: 8404
Ion Ratio Lower Upper
84 100
49 117.1 93.4 140.0
51 39.1 28.4 42.6
86 65.3 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 48.301 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN060231.D
Acq: 25 Feb 2020 14:05

Tgt Ion: 65 Resp: 106517
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

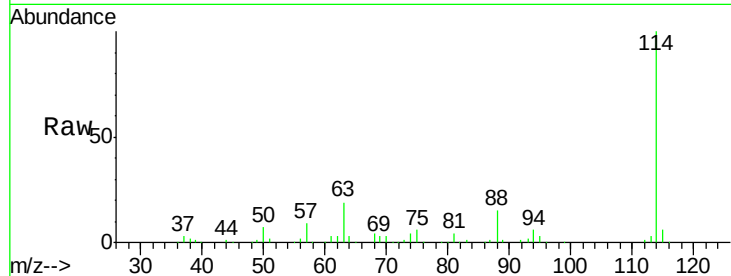




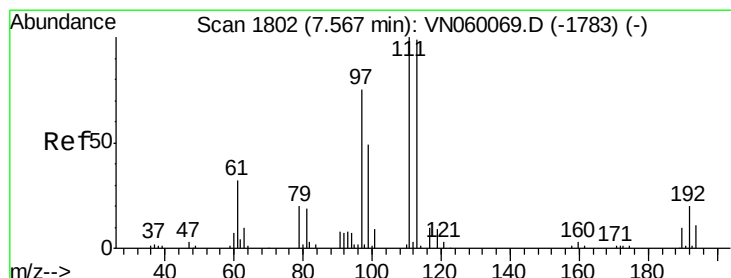
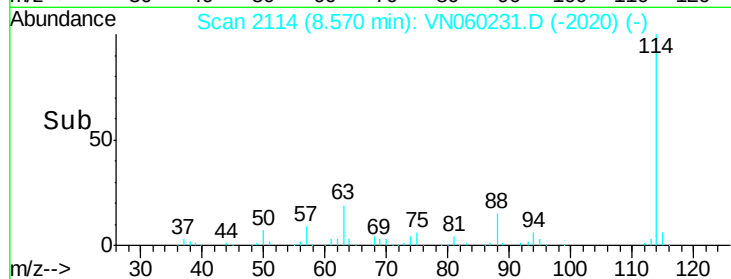
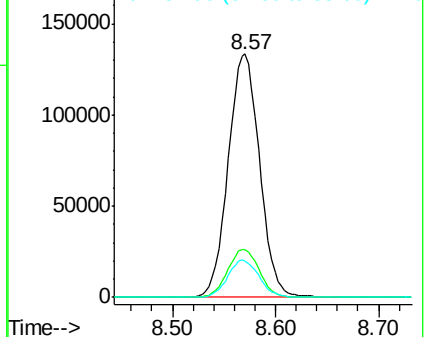
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN060231.D
Acq: 25 Feb 2020 14:05

Instrument :
MSVOA_N
ClientSampleId :
PB127055ZHE#12

Tot Ion:114 Resp: 283359
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 14.9 0.0 31.6

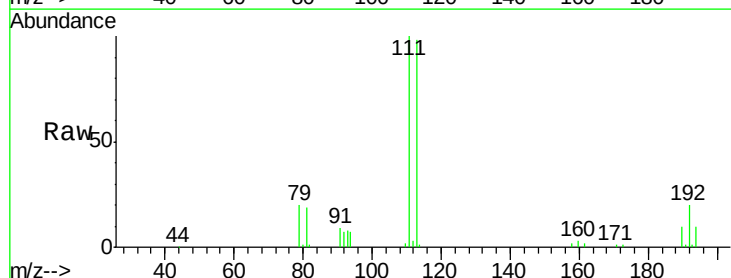


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

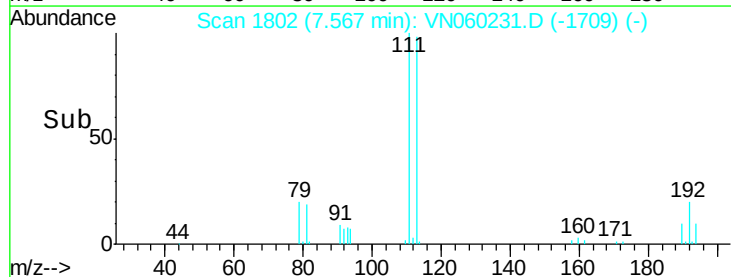
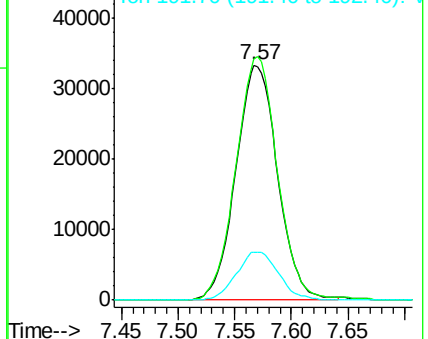


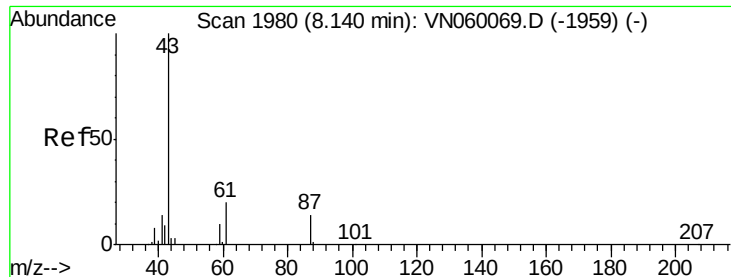
#35
Dibromofluoromethane
Concen: 49.234 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060231.D
Acq: 25 Feb 2020 14:05

Tgt Ion:113 Resp: 85756
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 20.6 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: 11.178 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060231.D

Acq: 25 Feb 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#12

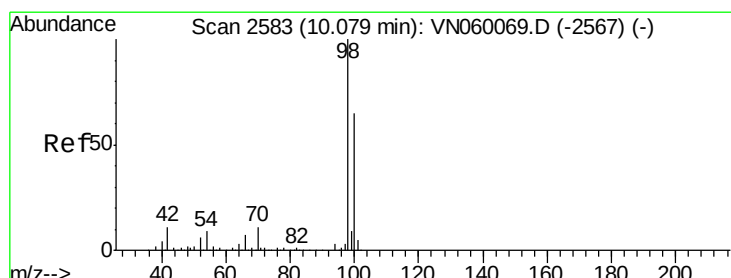
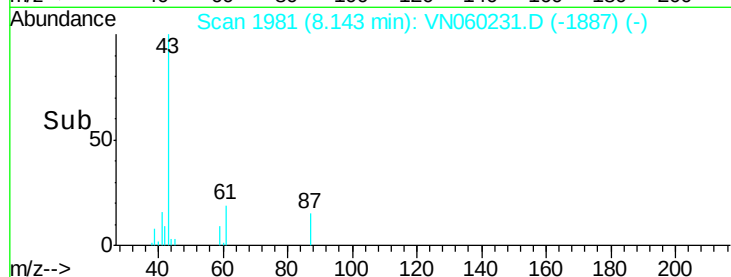
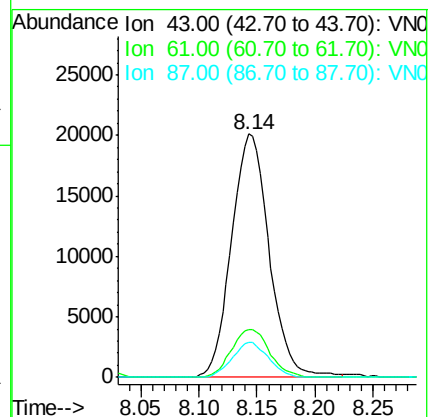
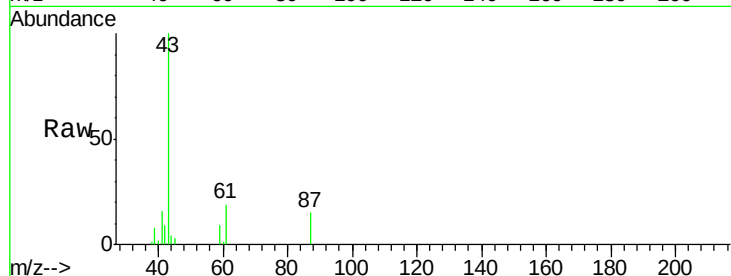
Tot Ion: 43 Resp: 45325

Ion Ratio Lower Upper

43 100

61 19.8 21.8 32.6#

87 13.6 11.4 17.2



#50

Toluene-d8

Concen: 50.020 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060231.D

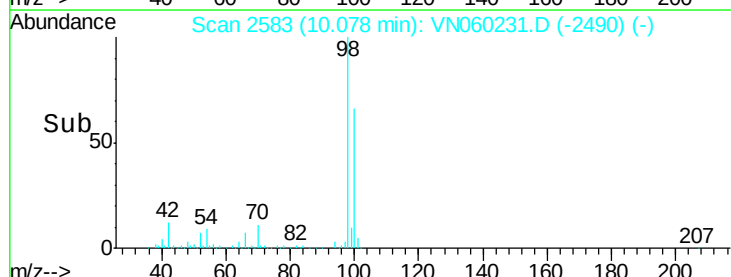
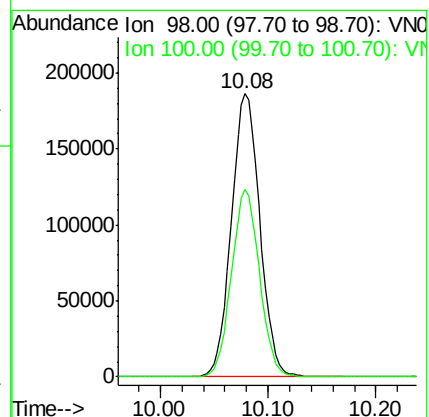
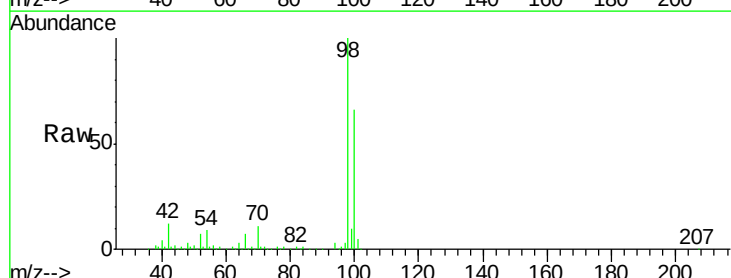
Acq: 25 Feb 2020 14:05

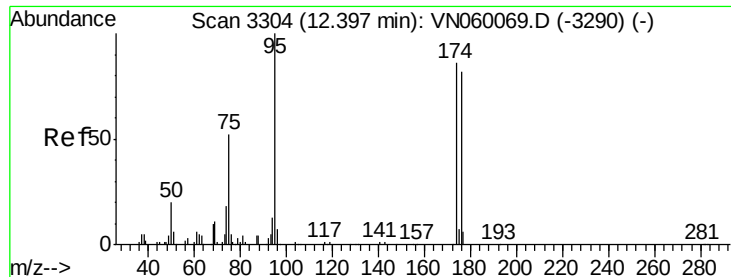
Tgt Ion: 98 Resp: 343098

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 49.508 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060231.D

Acq: 25 Feb 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#12

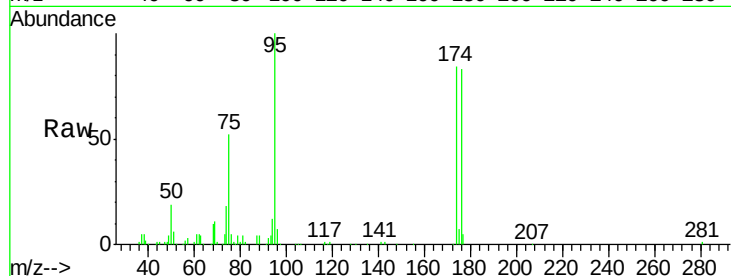
Tot Ion: 95 Resp: 124781

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.8

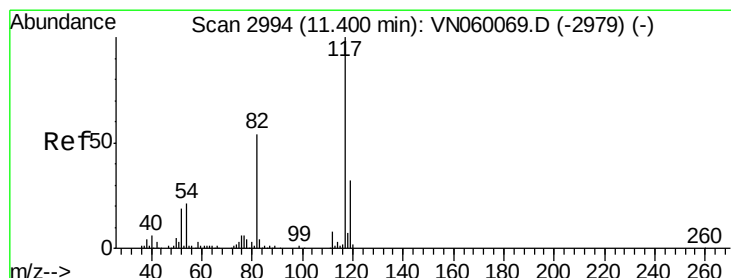
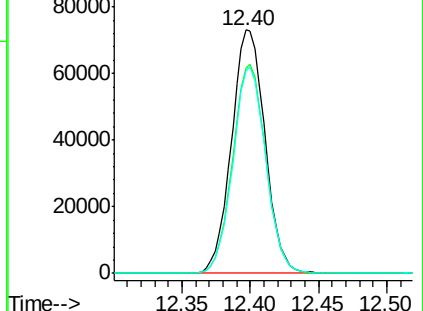
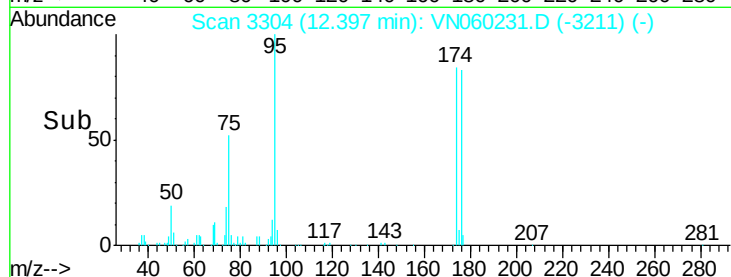
176 83.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060231.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060231.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060231.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060231.D

Acq: 25 Feb 2020 14:05

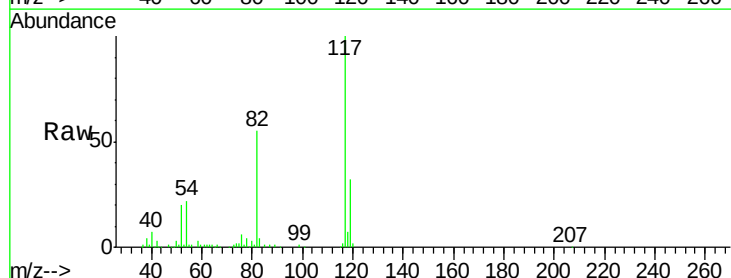
Tgt Ion: 117 Resp: 266010

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

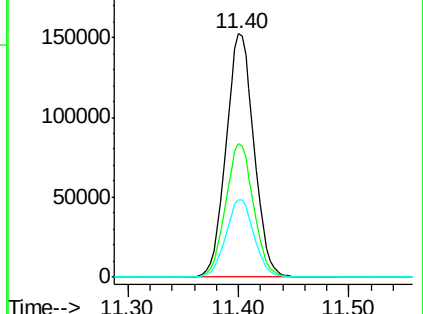
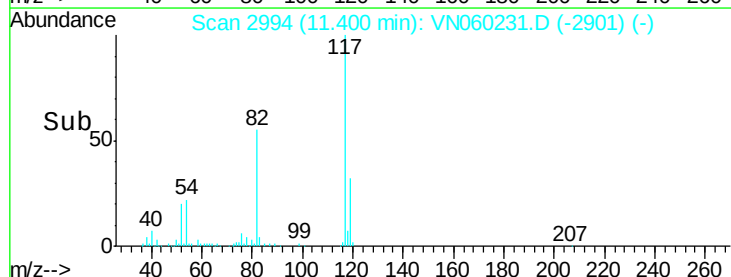
119 31.8 25.8 38.6

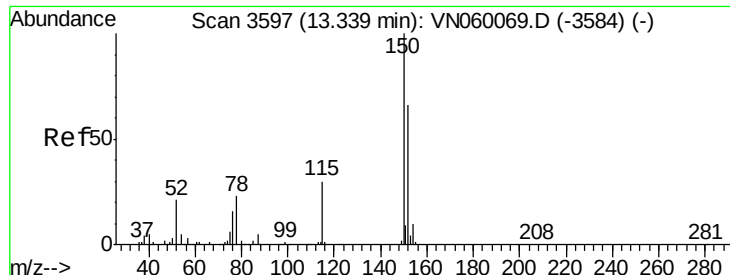


Abundance Ion 116.90 (116.60 to 117.60): VN060231.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060231.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060231.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060231.D

Acq: 25 Feb 2020 14:05

Instrument :

MSVOA_N

ClientSampleId :

PB127055ZHE#12

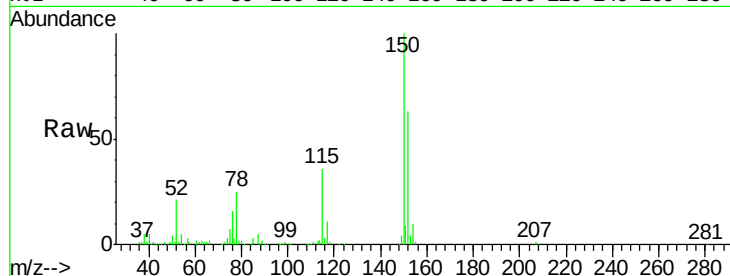
Tot Ion:152 Resp: 122087

Ion Ratio Lower Upper

152 100

115 57.7 28.9 86.8

150 155.9 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

