

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060208.D
 Acq On : 24 Feb 2020 14:32
 Operator : JC/MD
 Sample : PB127001ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127001ZHE#01

Quant Time: Feb 24 16:57:25 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

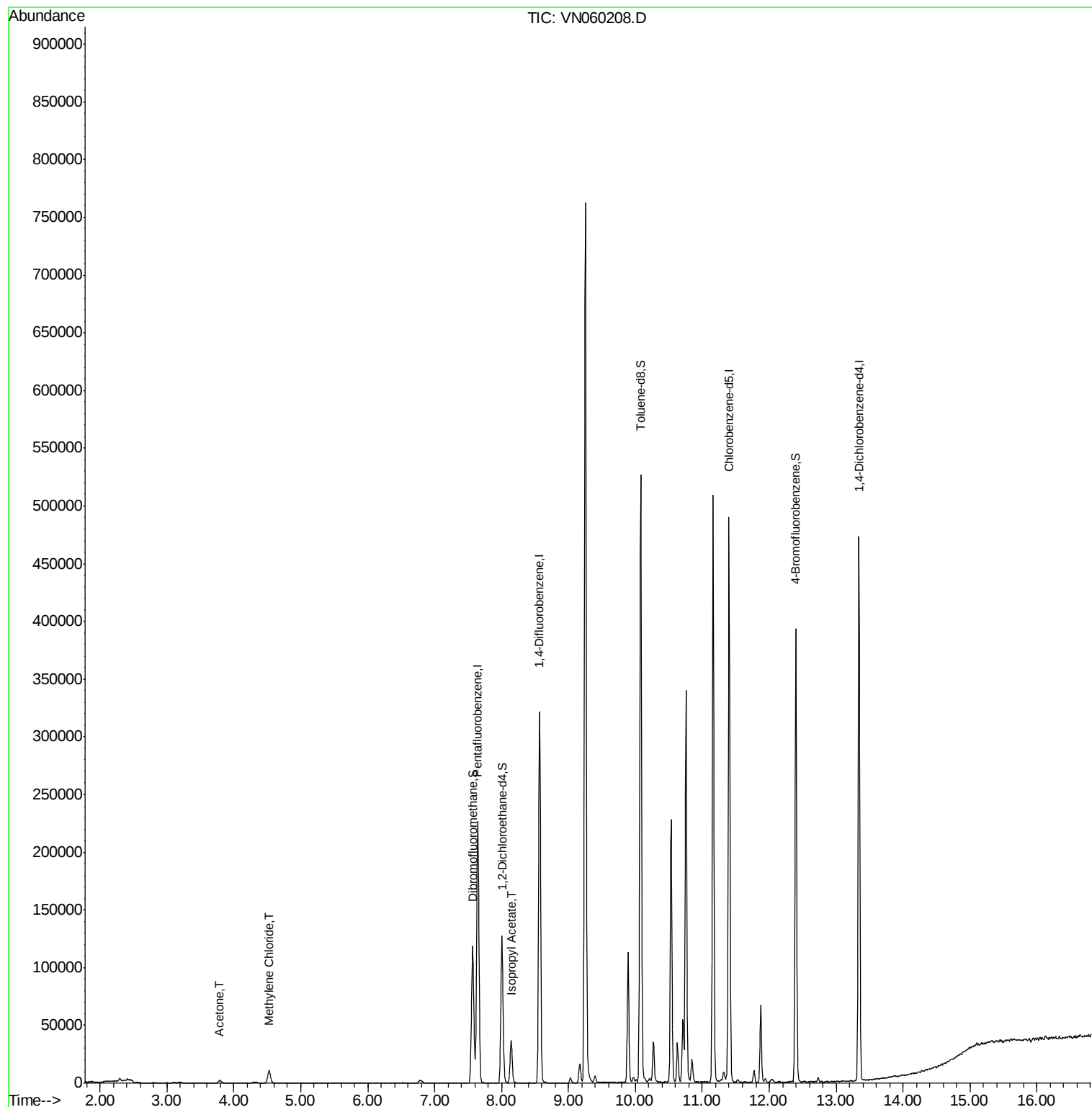
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	298044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110869	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
35) Dibromofluoromethane	7.57	113	88511	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	10.08	98	361619	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.40	95	130195	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
16) Acetone	3.79	43	4839	4.818	ug/l	96
20) Methylene Chloride	4.52	84	8935	4.459	ug/l	99
43) Isopropyl Acetate	8.14	43	43499	10.199	ug/l #	91

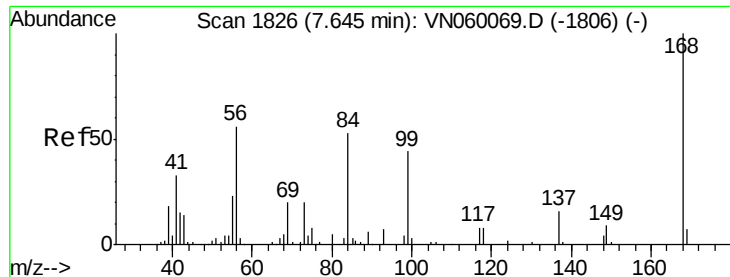
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060208.D

Acq: 24 Feb 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

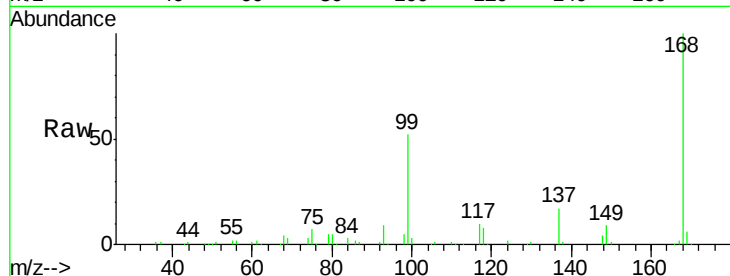
PB127001ZHE#01

Tot Ion:168 Resp: 189212

Ion Ratio Lower Upper

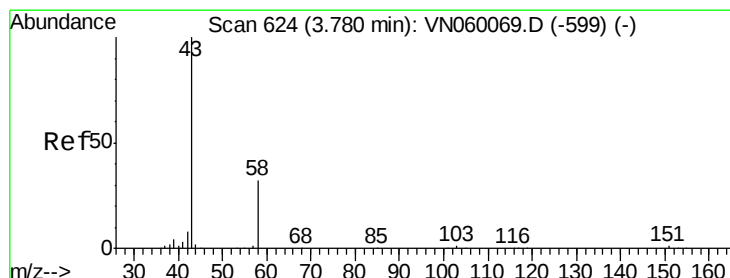
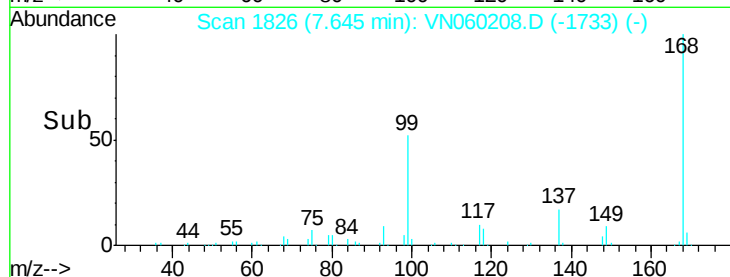
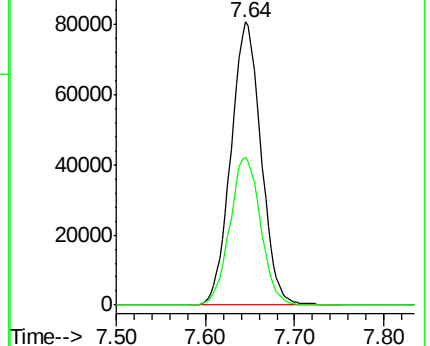
168 100

99 52.1 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.818 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060208.D

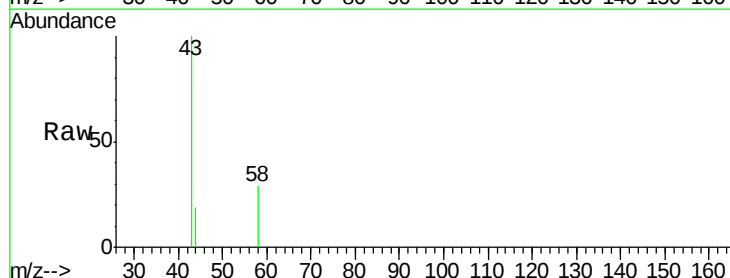
Acq: 24 Feb 2020 14:32

Tgt Ion: 43 Resp: 4839

Ion Ratio Lower Upper

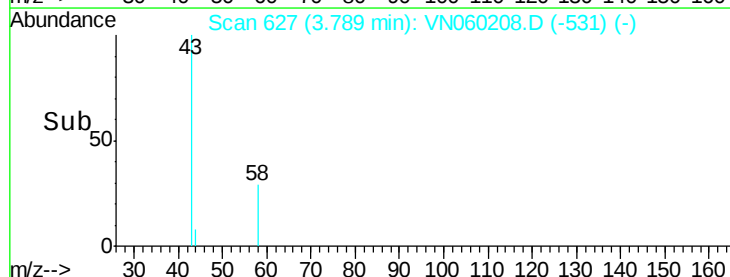
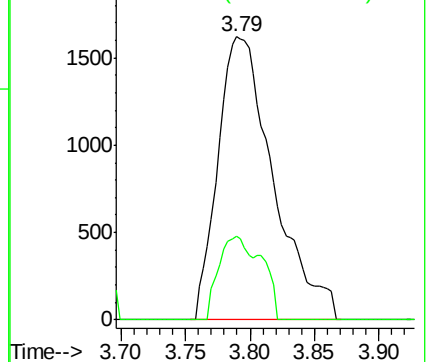
43 100

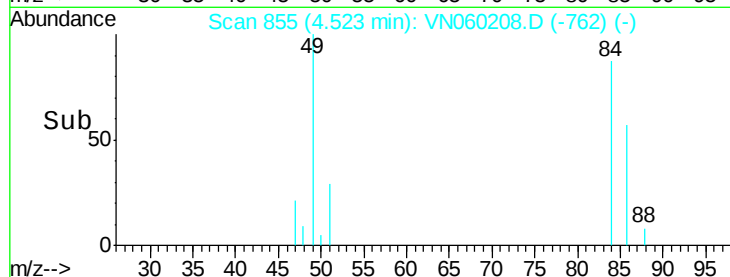
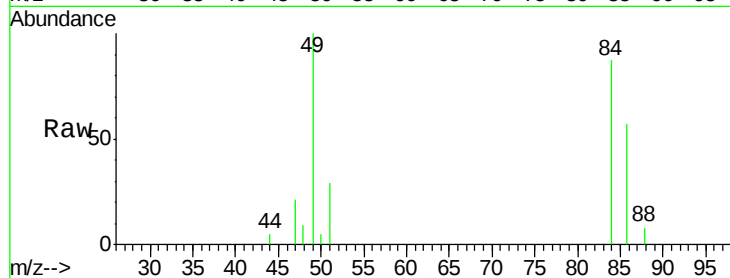
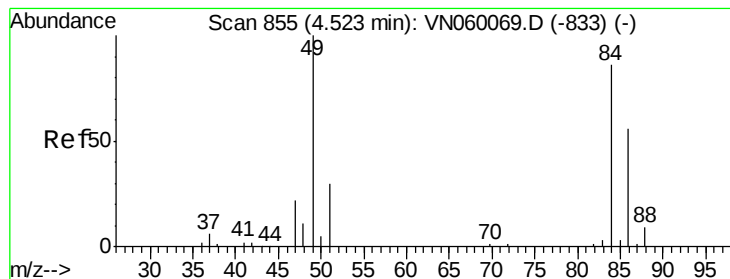
58 29.4 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 4.459 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060208.D

Acq: 24 Feb 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#01

Tot Ion: 84 Resp: 8935

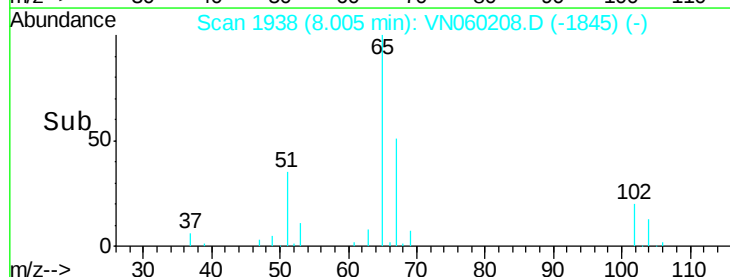
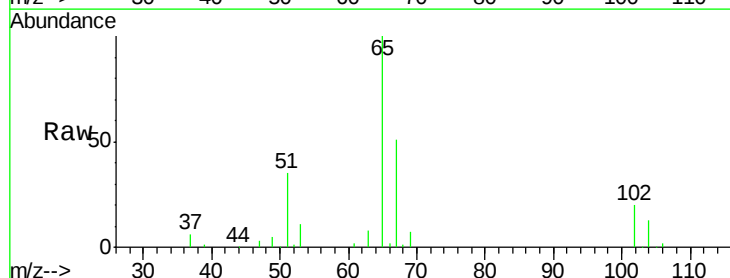
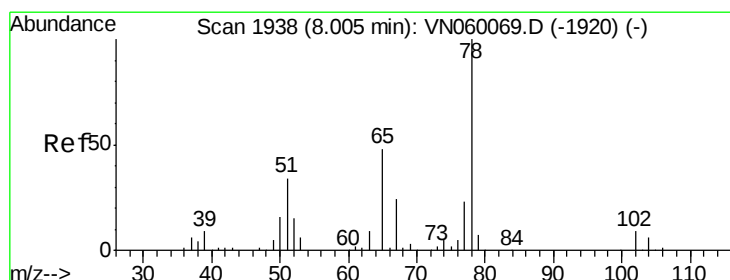
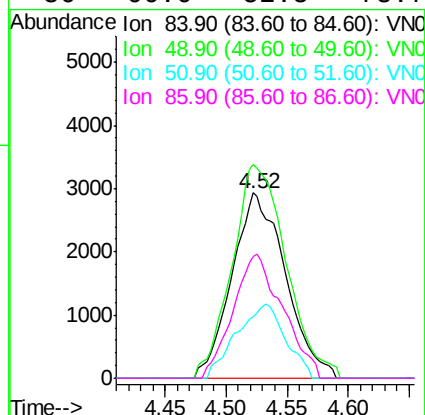
Ion Ratio Lower Upper

84 100

49 115.4 93.4 140.0

51 33.5 28.4 42.6

86 66.0 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 48.154 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060208.D

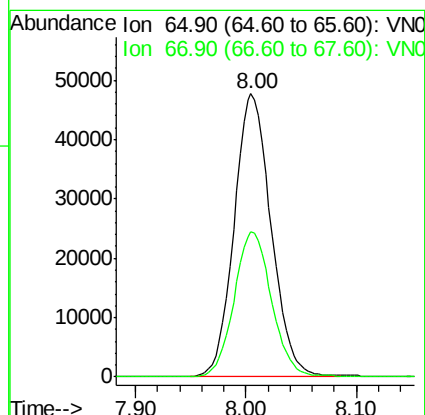
Acq: 24 Feb 2020 14:32

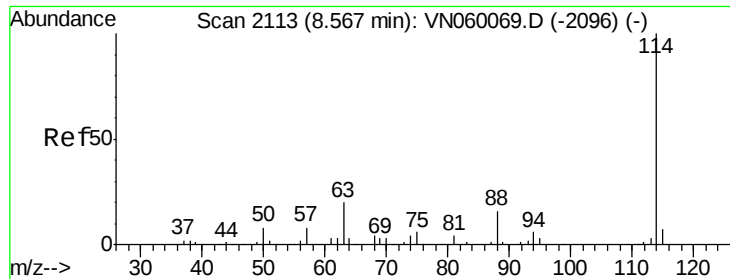
Tgt Ion: 65 Resp: 110869

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0

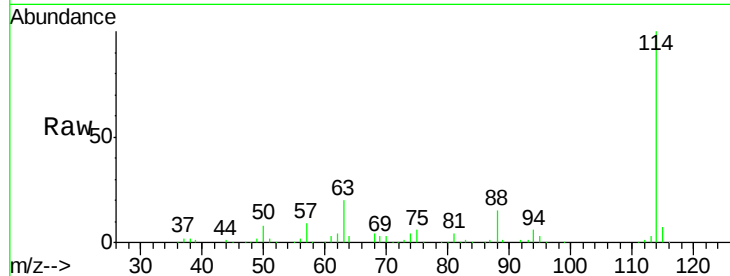




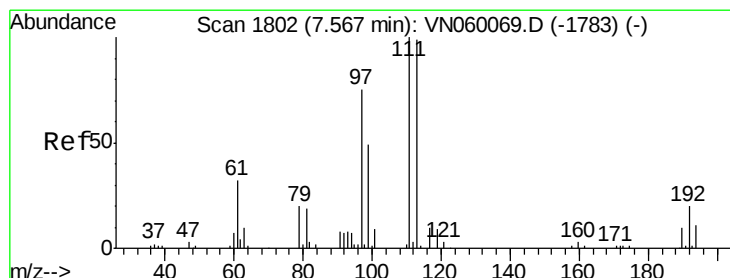
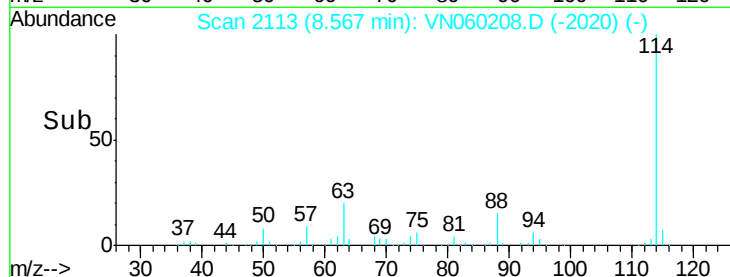
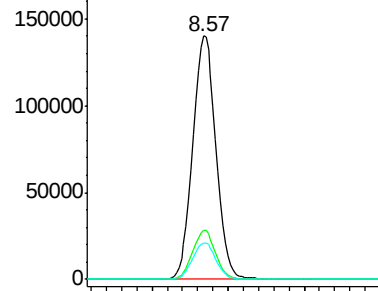
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060208.D
Acq: 24 Feb 2020 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB127001ZHE#01

Tot Ion:114 Resp: 298044
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 15.1 0.0 31.6

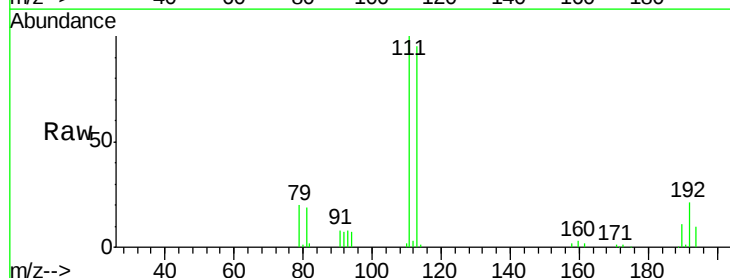


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

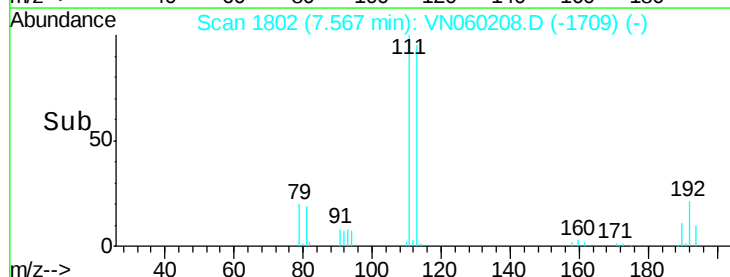
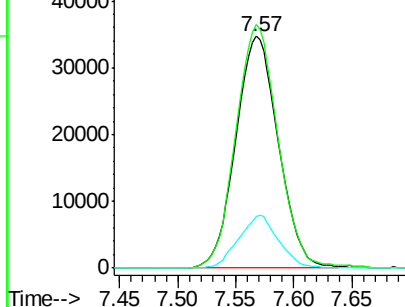


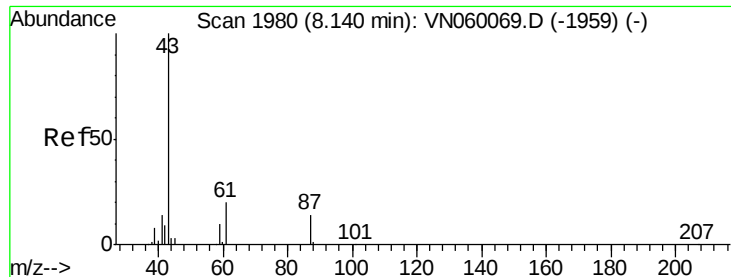
#35
Dibromofluoromethane
Concen: 48.312 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060208.D
Acq: 24 Feb 2020 14:32

Tgt Ion:113 Resp: 88511
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 21.4 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: 10.199 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060208.D

Acq: 24 Feb 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#01

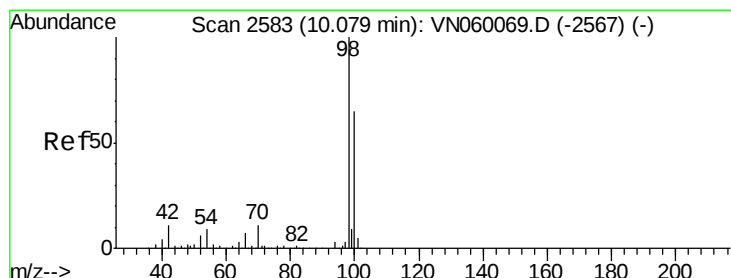
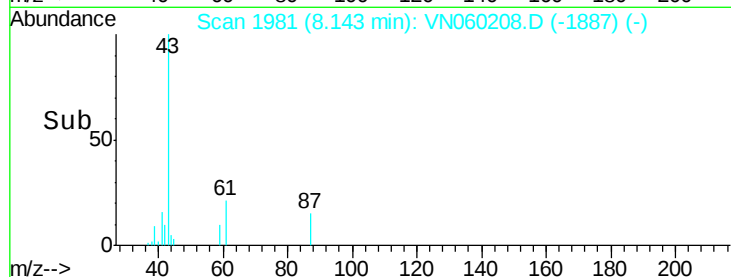
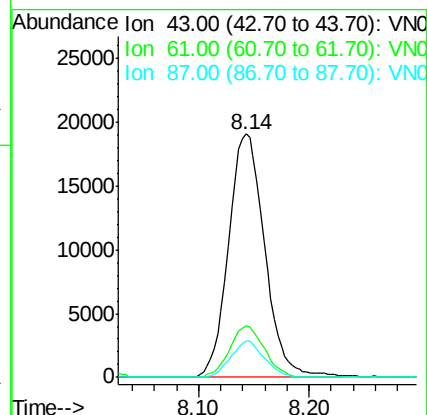
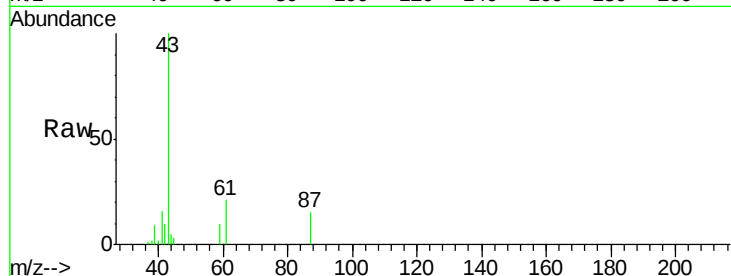
Tot Ion: 43 Resp: 43499

Ion Ratio Lower Upper

43 100

61 20.4 21.8 32.6#

87 13.8 11.4 17.2



#50

Toluene-d8

Concen: 50.123 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060208.D

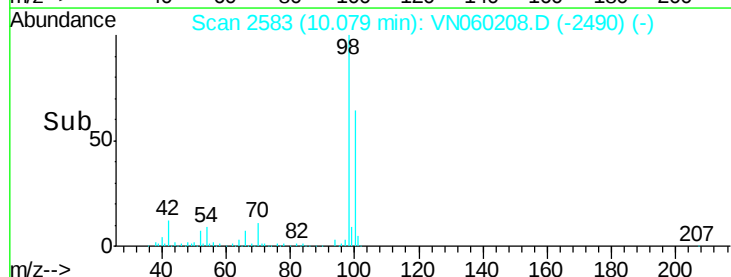
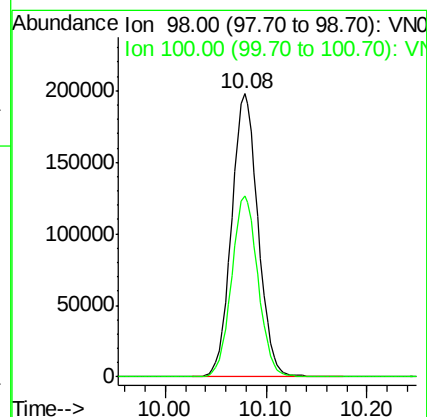
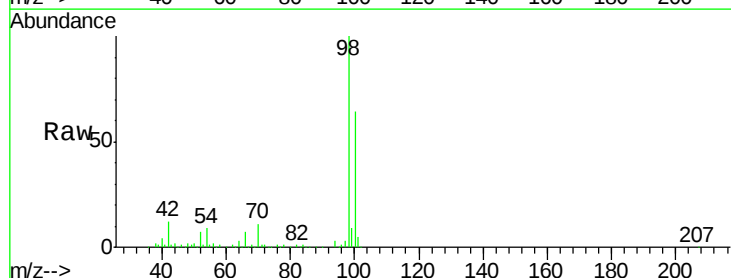
Acq: 24 Feb 2020 14:32

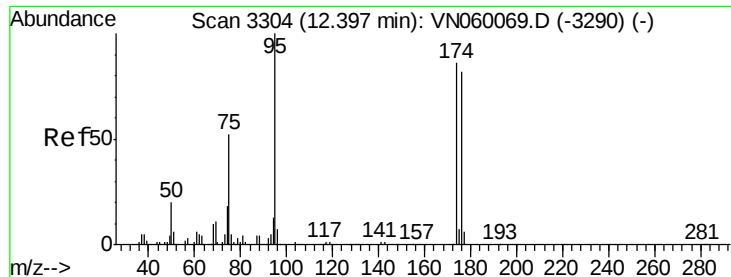
Tgt Ion: 98 Resp: 361619

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 49.111 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN060208.D

Acq: 24 Feb 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#01

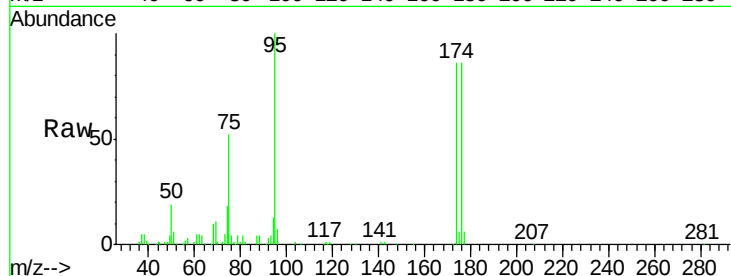
Tot Ion: 95 Resp: 130195

Ion Ratio Lower Upper

95 100

174 85.8 0.0 169.8

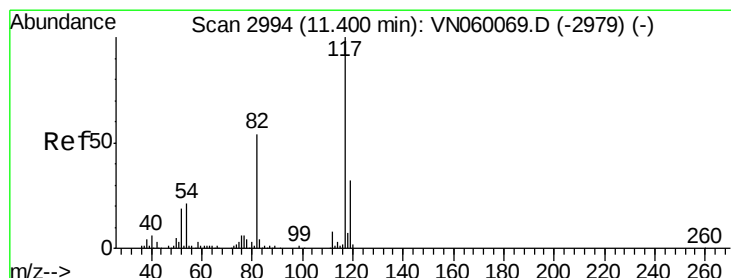
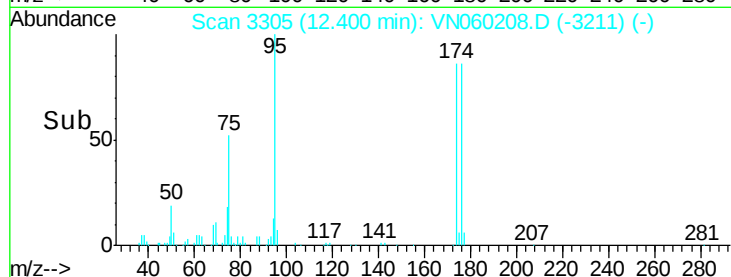
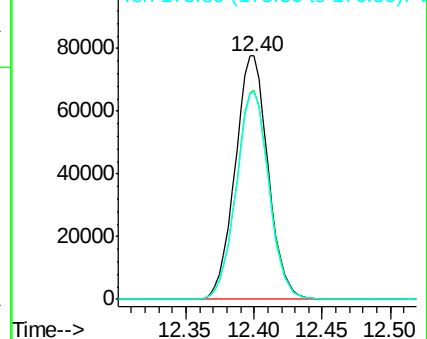
176 84.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060208.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060208.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060208.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060208.D

Acq: 24 Feb 2020 14:32

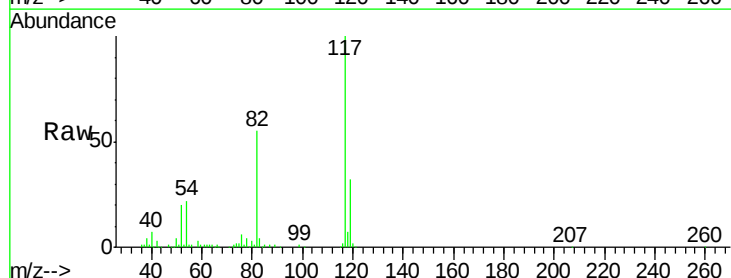
Tgt Ion: 117 Resp: 281959

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

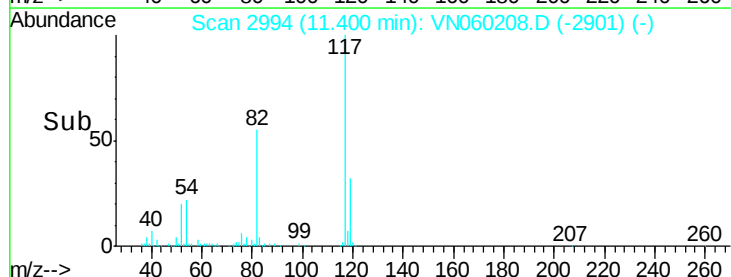
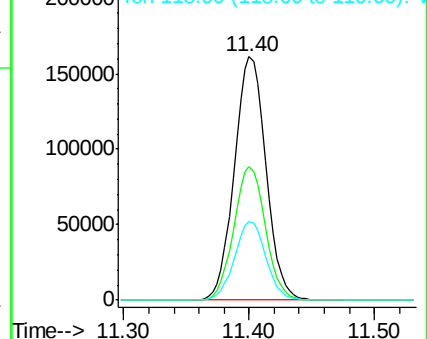
119 32.4 25.8 38.6

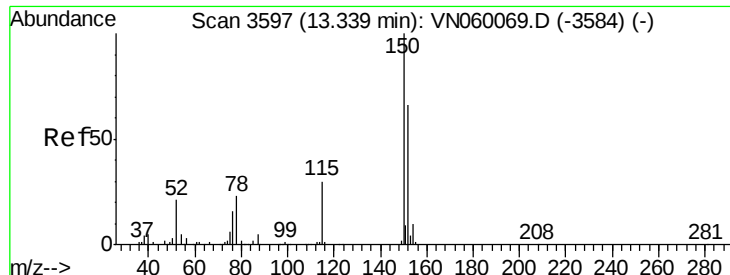


Abundance Ion 116.90 (116.60 to 117.60): VN060208.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060208.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060208.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060208.D

Acq: 24 Feb 2020 14:32

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#01

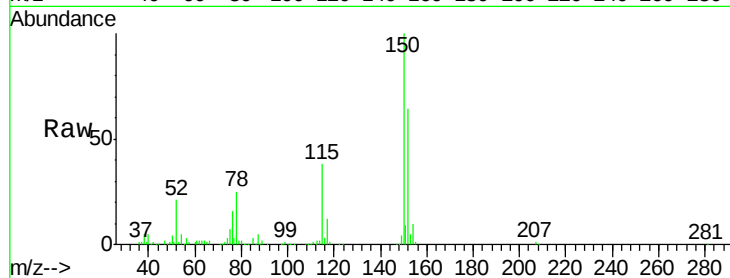
Tot Ion:152 Resp: 128985

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.8

150 157.2 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

