

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060210.D
 Acq On : 24 Feb 2020 15:17
 Operator : JC/MD
 Sample : PB127001ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127001ZHE#03

Quant Time: Feb 24 17:00:50 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

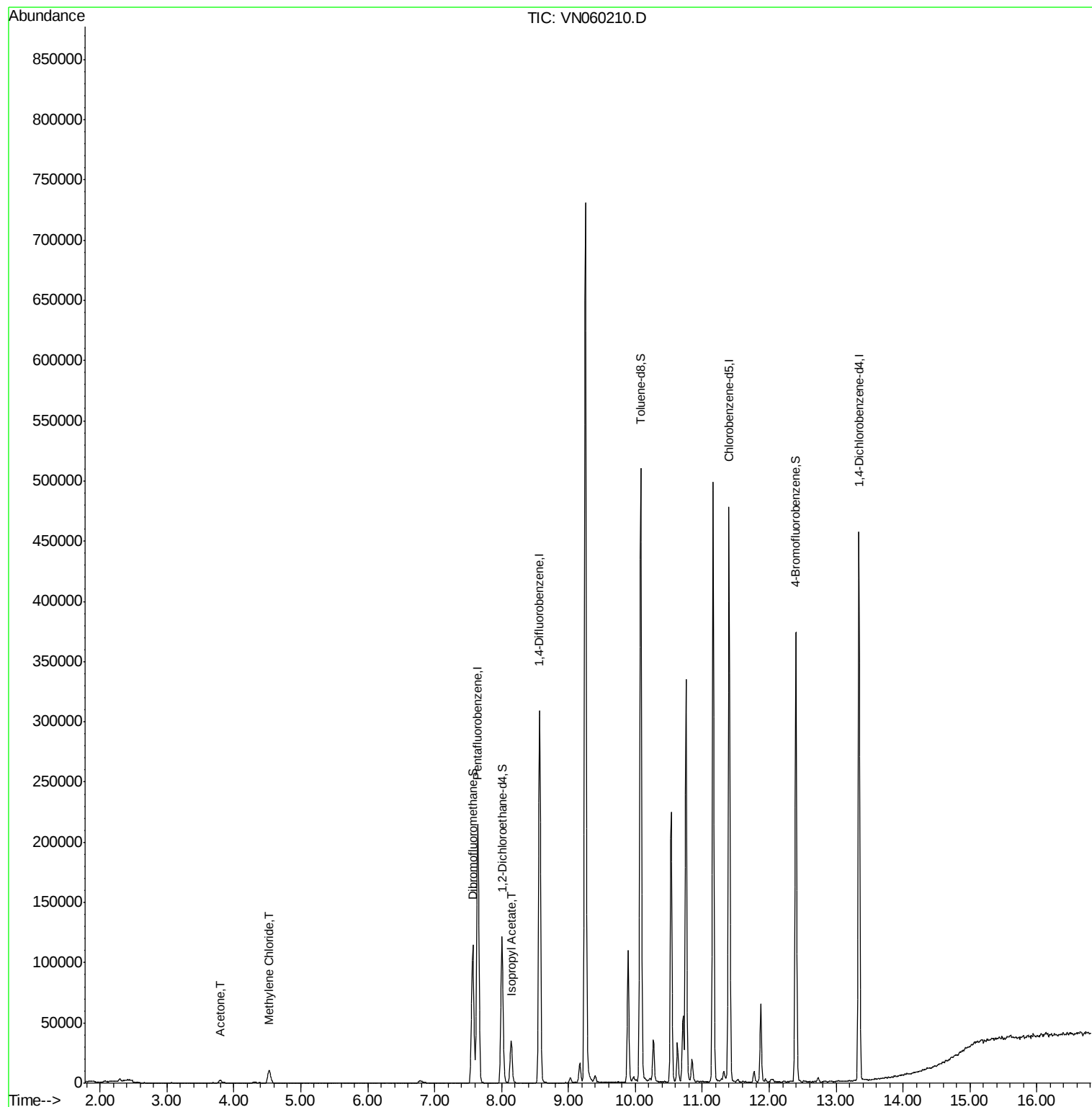
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105844	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.57	113	86305	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	351367	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	127513	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
16) Acetone	3.79	43	4333	4.487	ug/l	99
20) Methylene Chloride	4.53	84	8677	4.504	ug/l	94
43) Isopropyl Acetate	8.14	43	42580	10.408	ug/l #	88

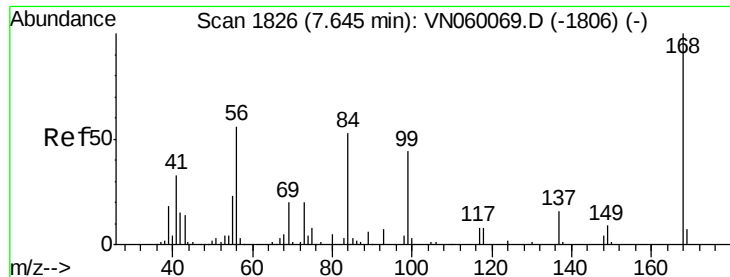
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060210.D

Acq: 24 Feb 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

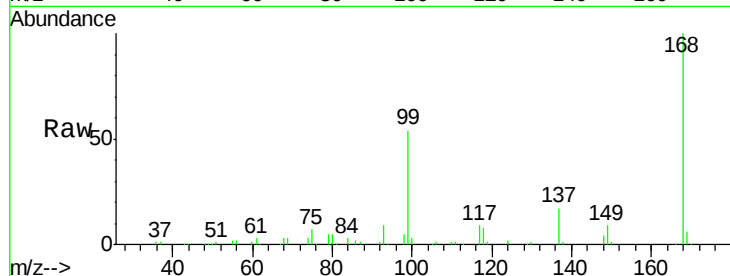
PB127001ZHE#03

Tot Ion:168 Resp: 181927

Ion Ratio Lower Upper

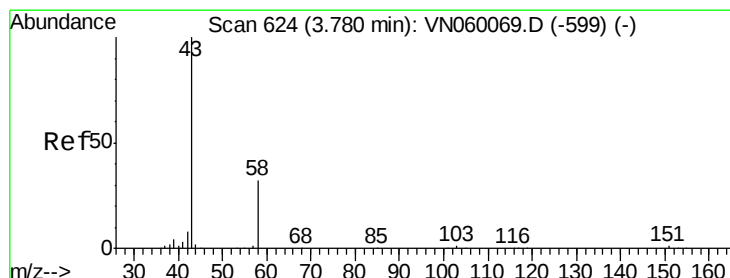
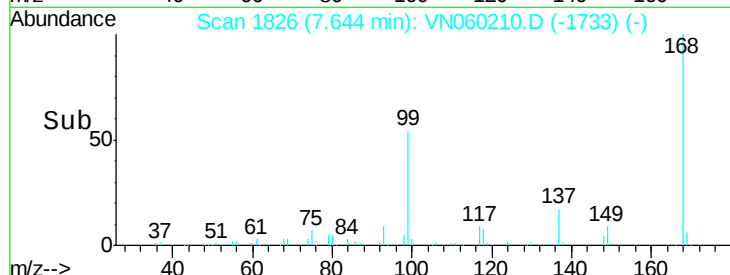
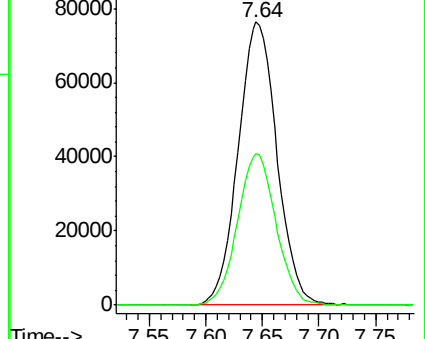
168 100

99 53.6 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: 4.487 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060210.D

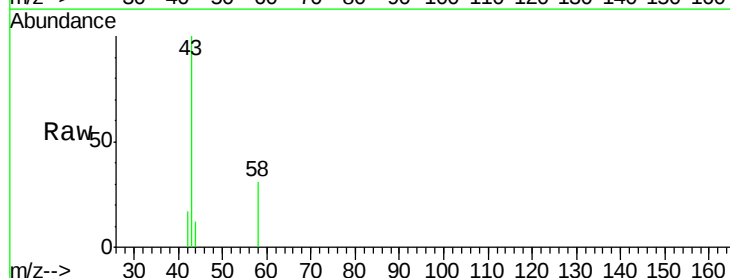
Acq: 24 Feb 2020 15:17

Tgt Ion: 43 Resp: 4333

Ion Ratio Lower Upper

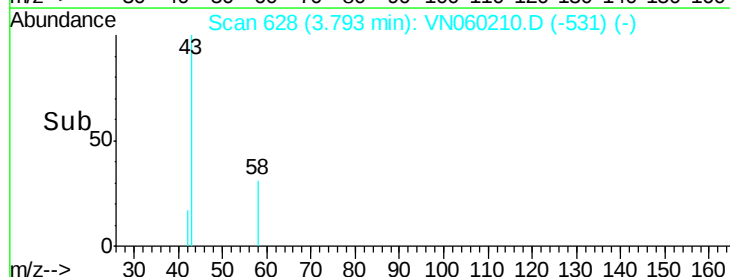
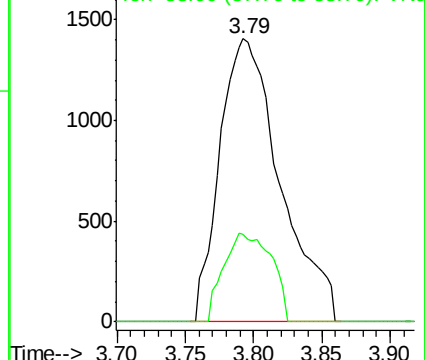
43 100

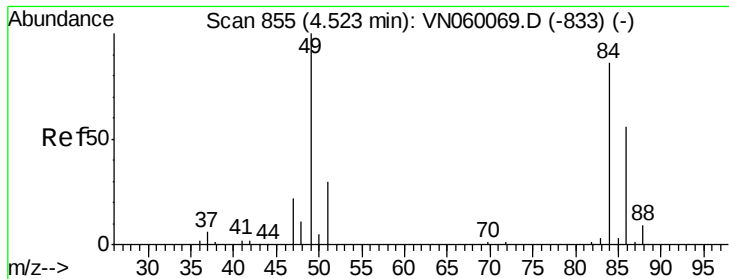
58 30.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

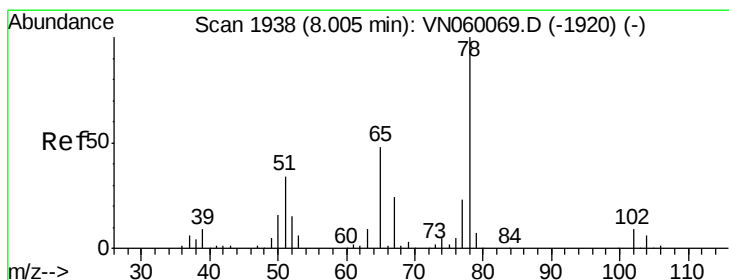
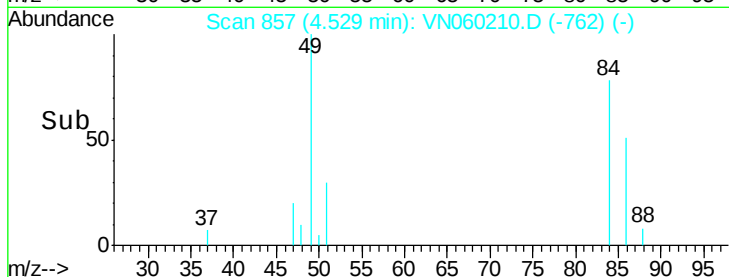
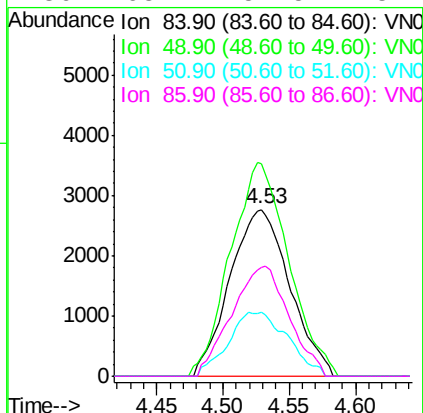
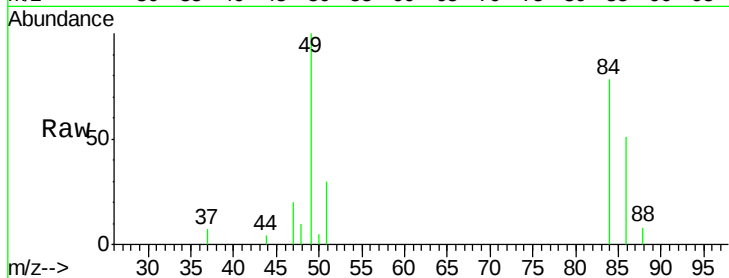




#20
Methylene Chloride
Concen: 4.504 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060210.D
Acq: 24 Feb 2020 15:17

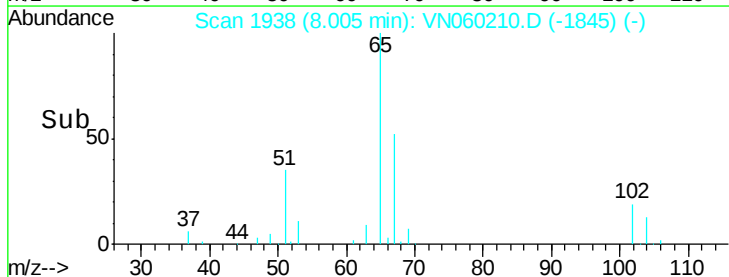
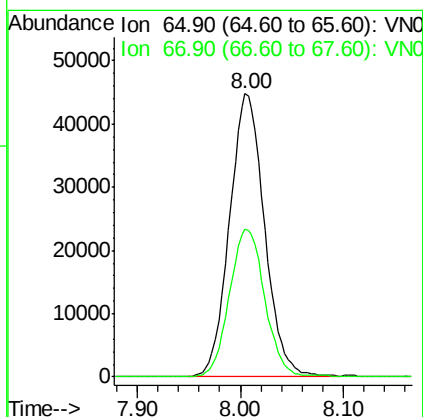
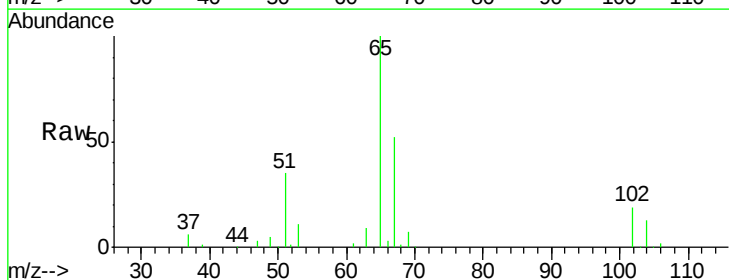
Instrument :
MSVOA_N
ClientSampleId :
PB127001ZHE#03

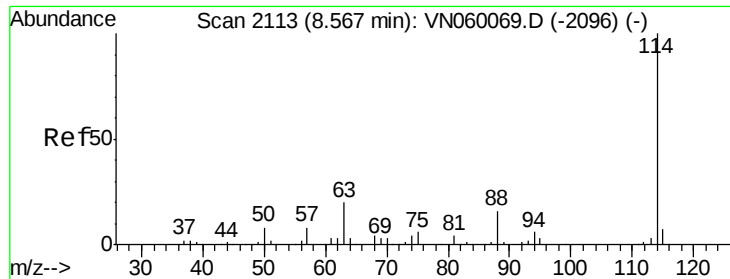
Tot Ion: 84 Resp: 8677
Ion Ratio Lower Upper
84 100
49 127.7 93.4 140.0
51 38.2 28.4 42.6
86 65.4 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 47.812 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060210.D
Acq: 24 Feb 2020 15:17

Tgt Ion: 65 Resp: 105844
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

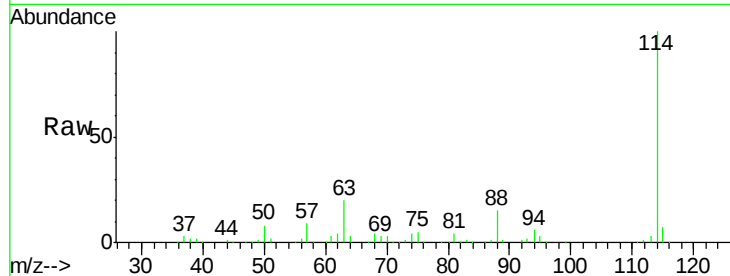




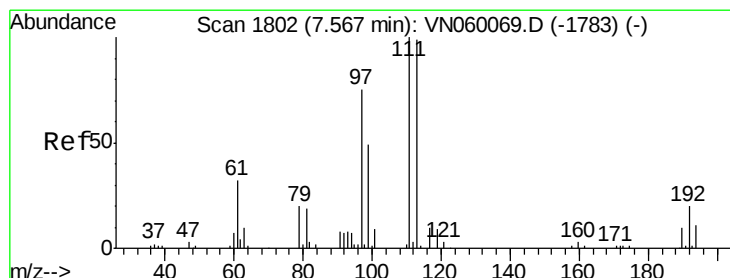
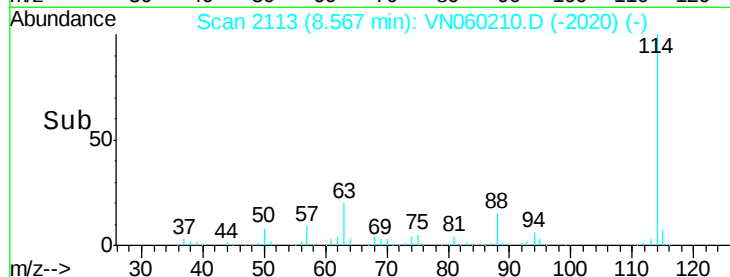
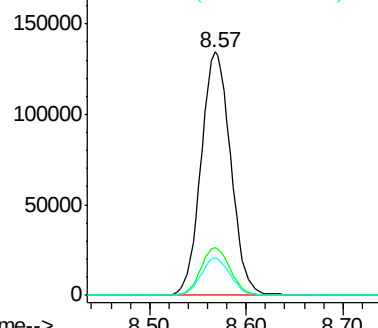
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060210.D
Acq: 24 Feb 2020 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB127001ZHE#03

Tot Ion:114 Resp: 285907
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.4 0.0 31.6

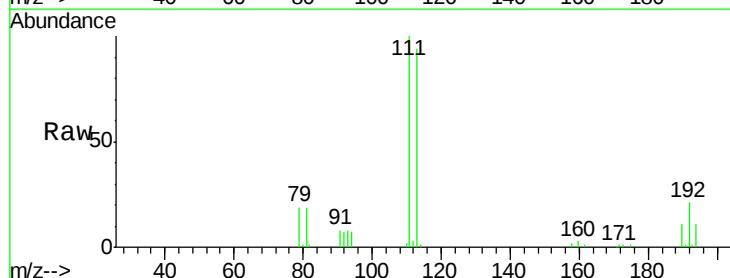


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

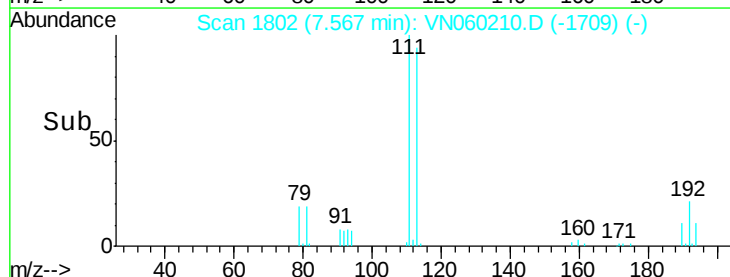
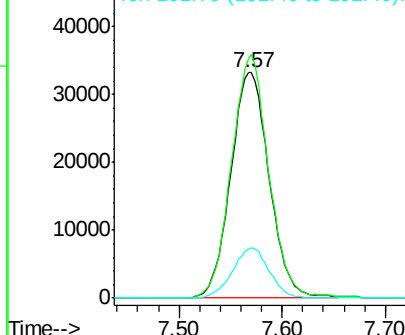


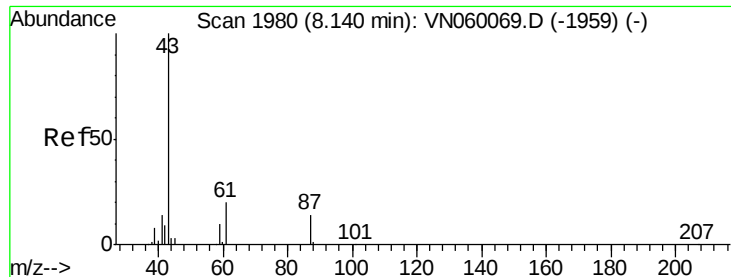
#35
Dibromofluoromethane
Concen: 49.107 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060210.D
Acq: 24 Feb 2020 15:17

Tgt Ion:113 Resp: 86305
Ion Ratio Lower Upper
113 100
111 104.1 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: 10.408 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060210.D

Acq: 24 Feb 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#03

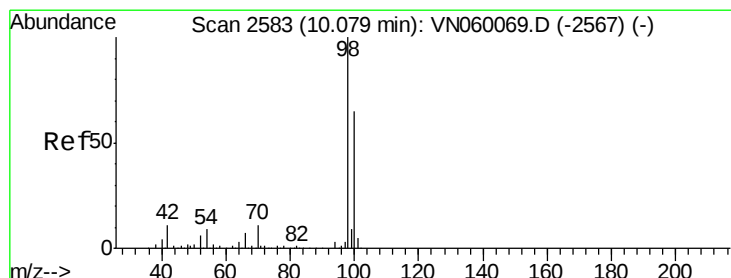
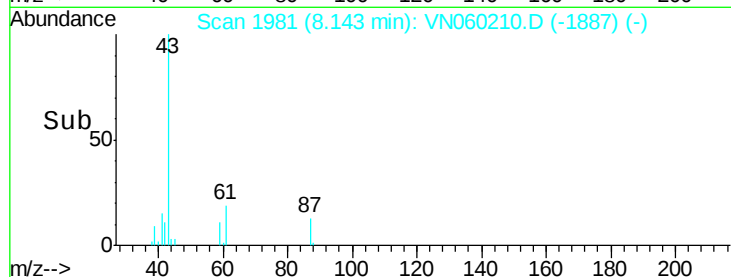
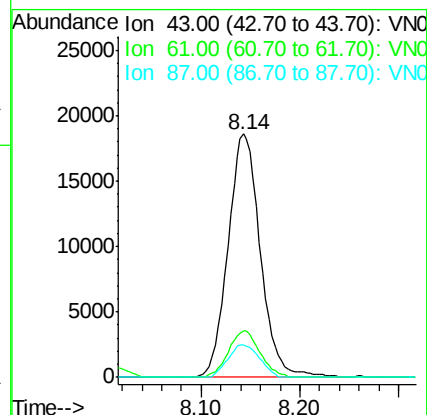
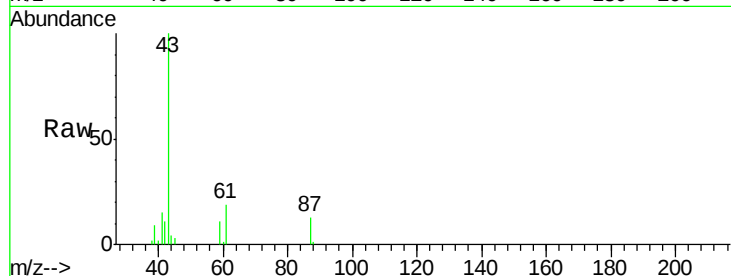
Tot Ion: 43 Resp: 42580

Ion Ratio Lower Upper

43 100

61 18.6 21.8 32.6#

87 12.9 11.4 17.2



#50

Toluene-d8

Concen: 50.769 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060210.D

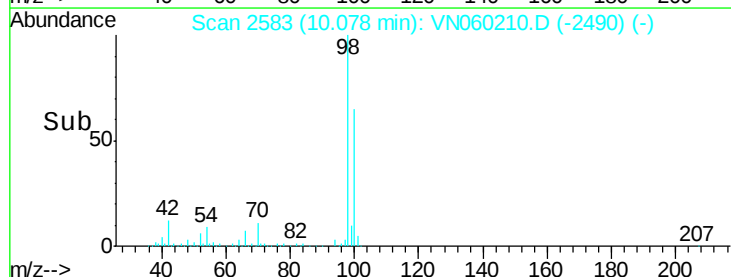
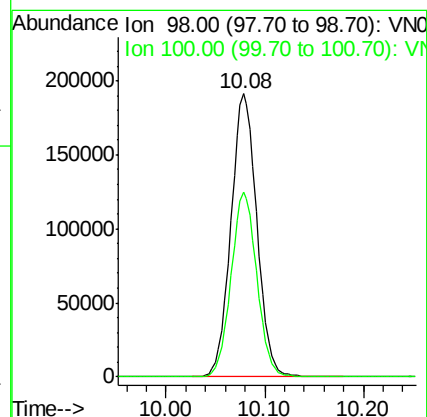
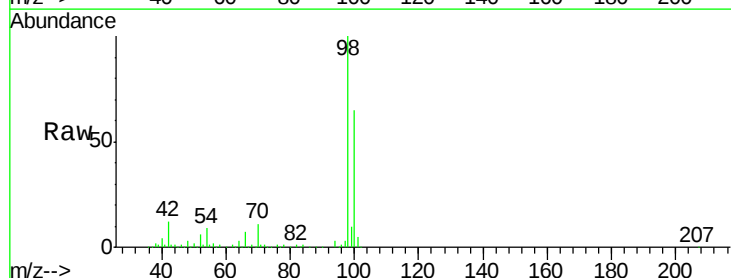
Acq: 24 Feb 2020 15:17

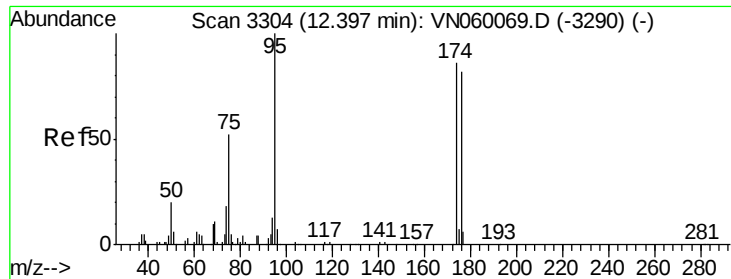
Tgt Ion: 98 Resp: 351367

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.141 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060210.D

Acq: 24 Feb 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#03

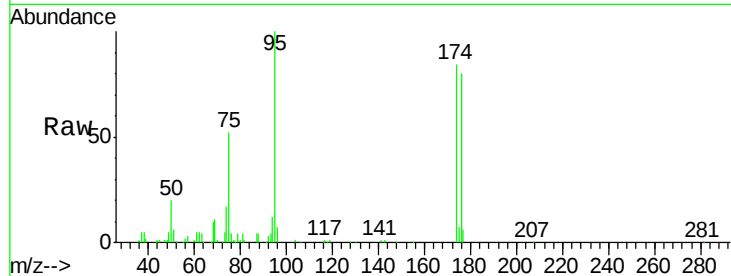
Tot Ion: 95 Resp: 127513

Ion Ratio Lower Upper

95 100

174 84.7 0.0 169.8

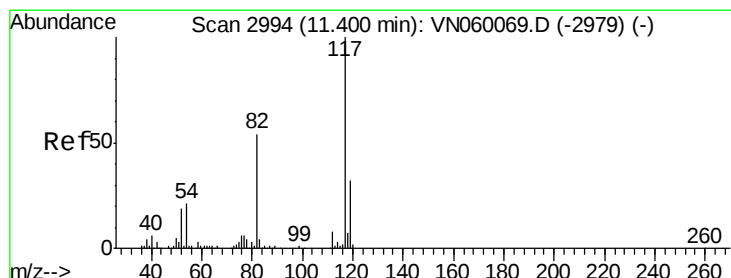
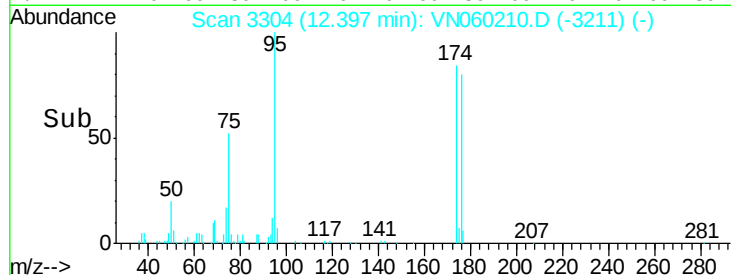
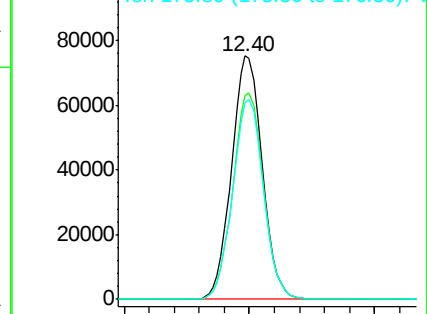
176 82.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060210.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060210.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060210.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060210.D

Acq: 24 Feb 2020 15:17

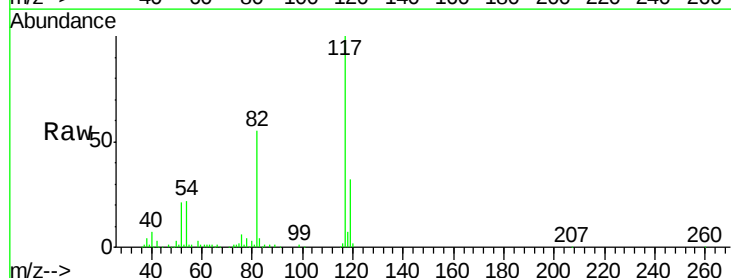
Tgt Ion: 117 Resp: 272396

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

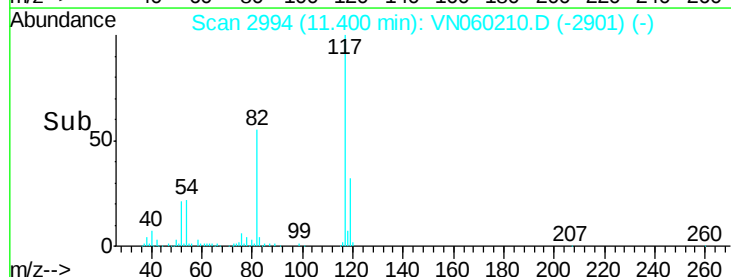
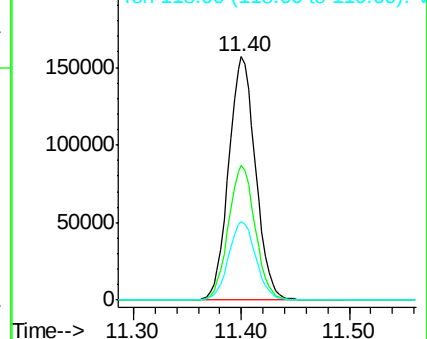
119 32.4 25.8 38.6

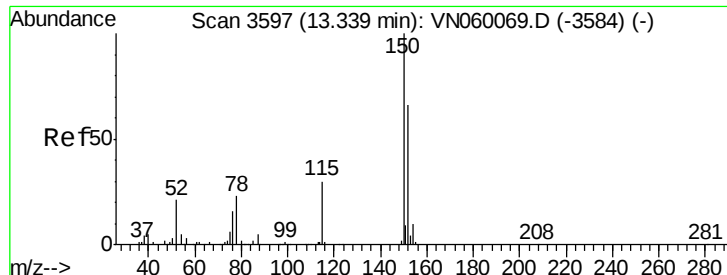


Abundance Ion 116.90 (116.60 to 117.60): VN060210.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060210.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060210.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: VN060210.D

Acq: 24 Feb 2020 15:17

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#03

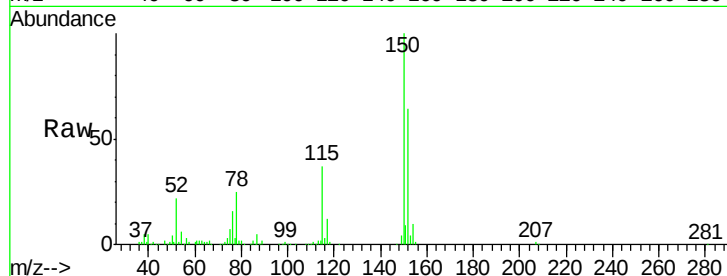
Tot Ion:152 Resp: 123589

Ion Ratio Lower Upper

152 100

115 57.5 28.9 86.8

150 156.7 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

