

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060127.D
 Acq On : 17 Feb 2020 18:08
 Operator : JC/MD
 Sample : L1365-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-021420

Quant Time: Feb 18 02:48:57 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

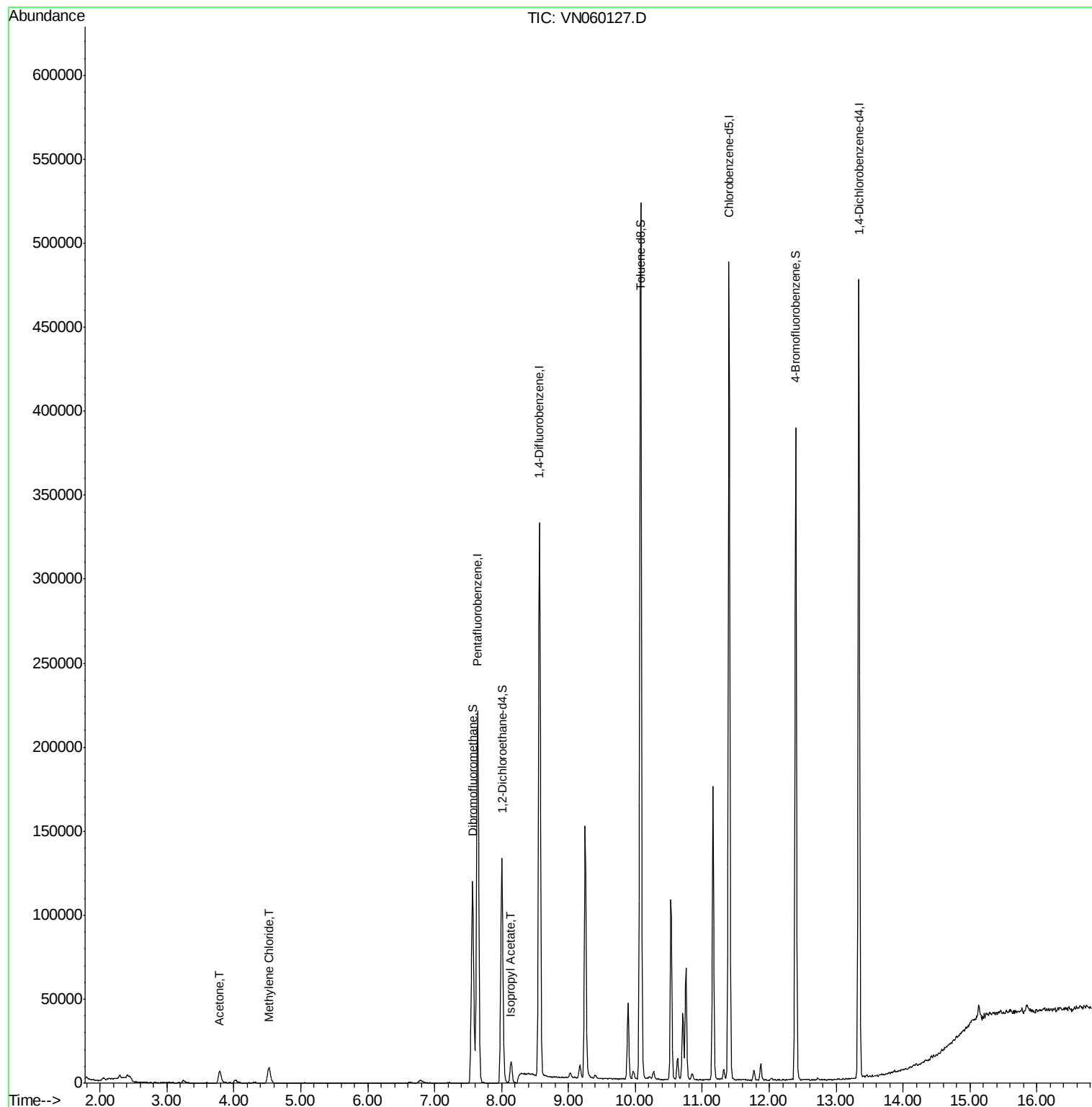
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114062	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	7.57	113	90214	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.08	98	362918	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	129884	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
Target Compounds						
16) Acetone	3.79	43	13877	14.339	ug/l	96
20) Methylene Chloride	4.52	84	7405	3.835	ug/l	97
43) Isopropyl Acetate	8.14	43	15518	3.660	ug/l #	89

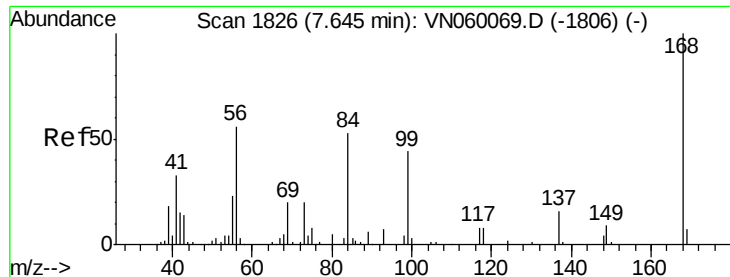
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060127.D

Acq: 17 Feb 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

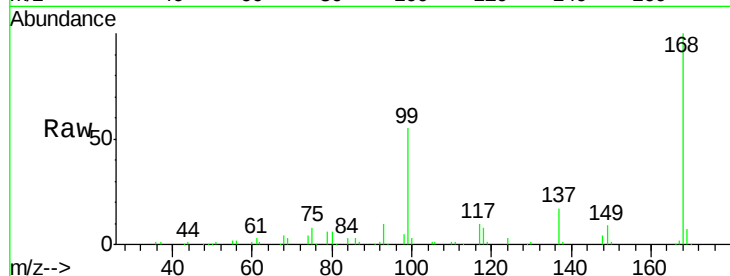
CL-02-021420

Tot Ion:168 Resp: 182330

Ion Ratio Lower Upper

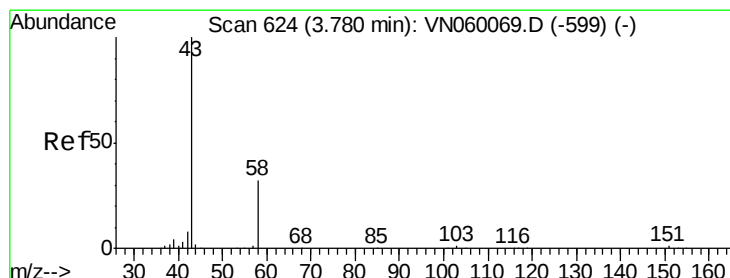
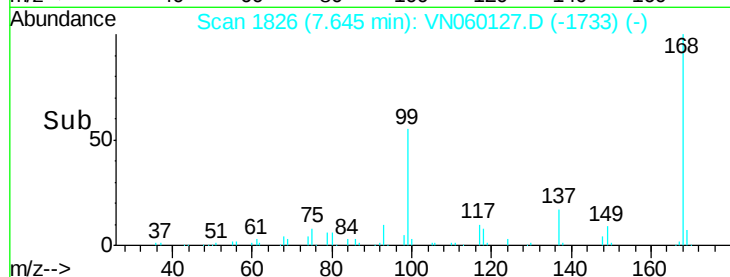
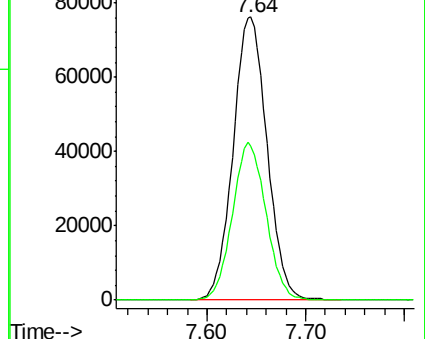
168 100

99 54.6 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: 14.339 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060127.D

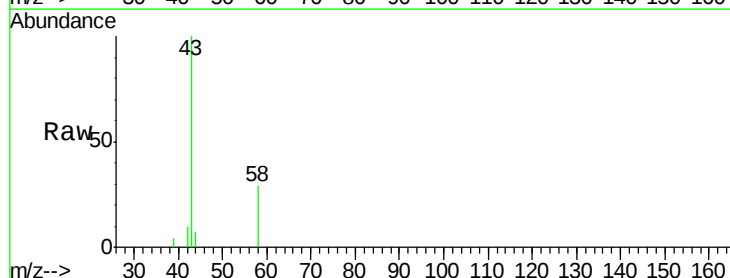
Acq: 17 Feb 2020 18:08

Tgt Ion: 43 Resp: 13877

Ion Ratio Lower Upper

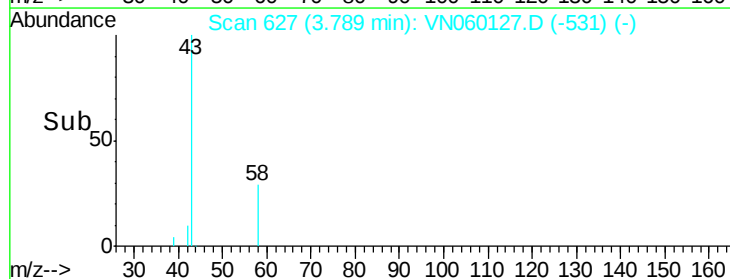
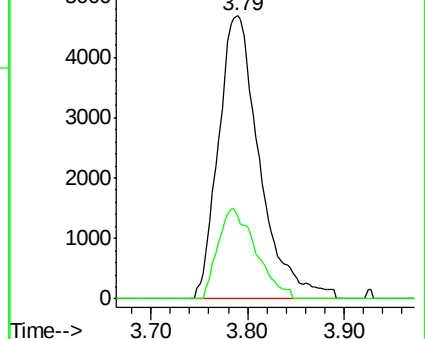
43 100

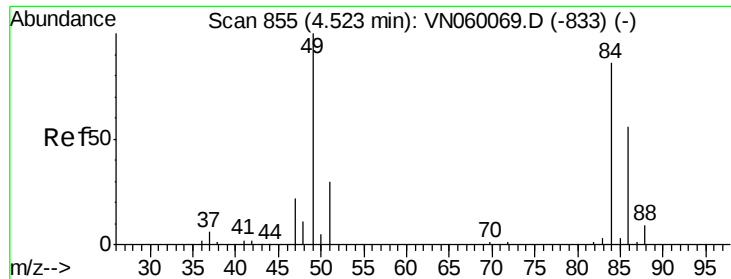
58 29.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

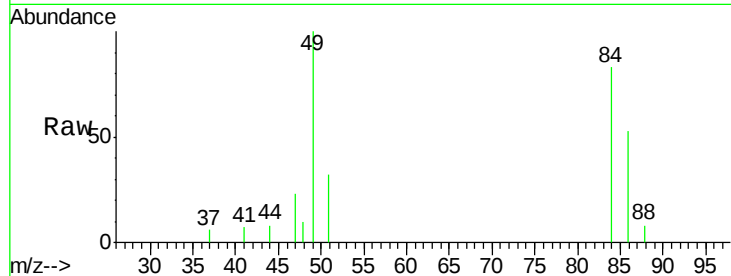




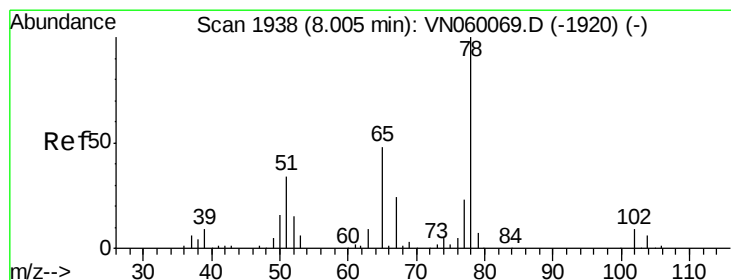
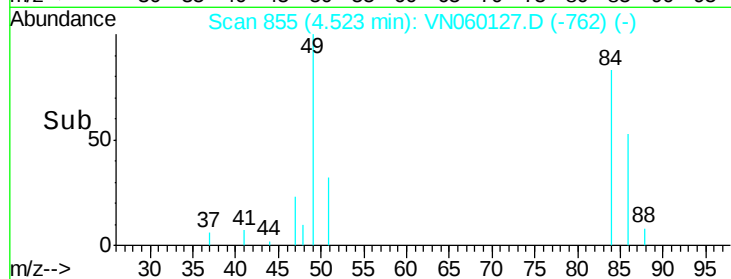
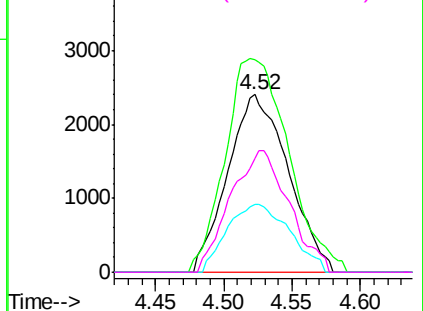
#20
Methylene Chloride
Concen: 3.835 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060127.D
Acq: 17 Feb 2020 18:08

Instrument :
MSVOA_N
ClientSampled :
CL-02-021420

Tot Ion: 84 Resp: 7405
Ion Ratio Lower Upper
84 100
49 119.8 93.4 140.0
51 38.3 28.4 42.6
86 63.9 52.5 78.7

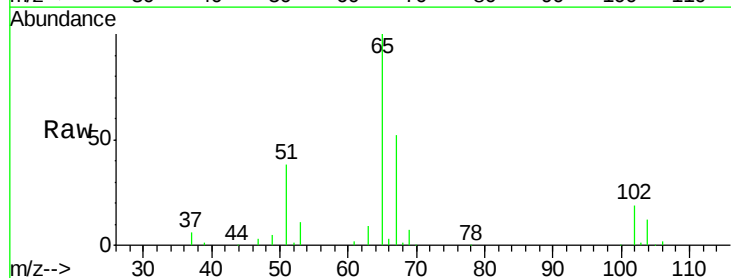


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

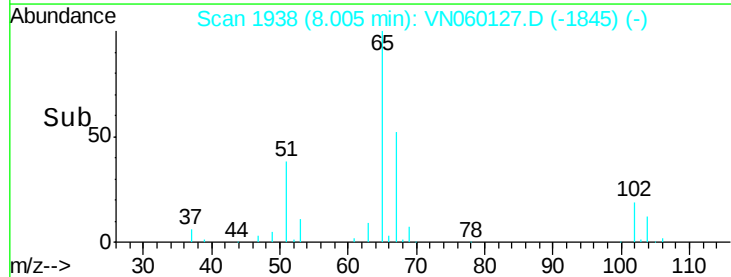
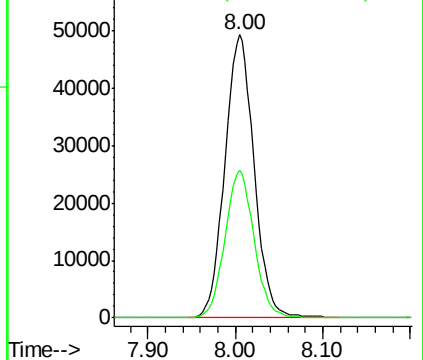


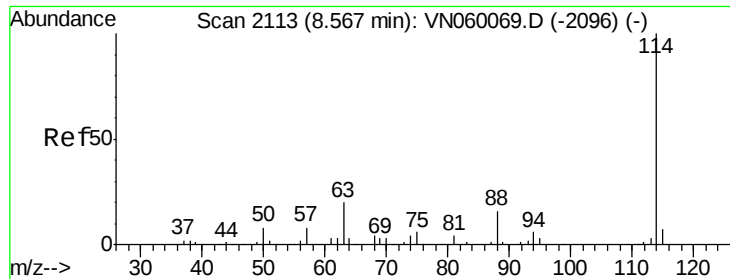
#33
1,2-Dichloroethane-d4
Concen: 51.411 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060127.D
Acq: 17 Feb 2020 18:08

Tgt Ion: 65 Resp: 114062
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

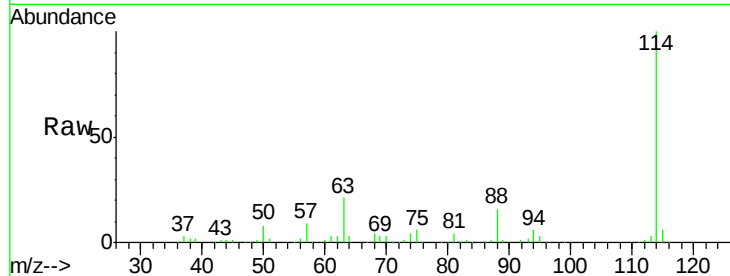




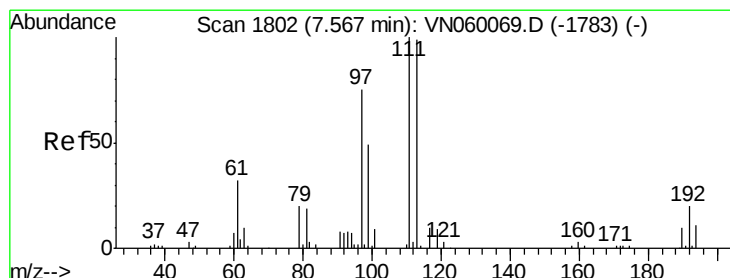
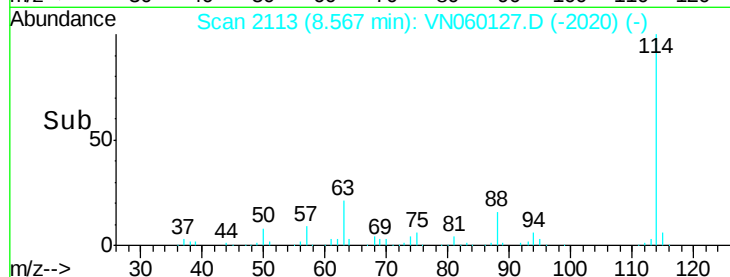
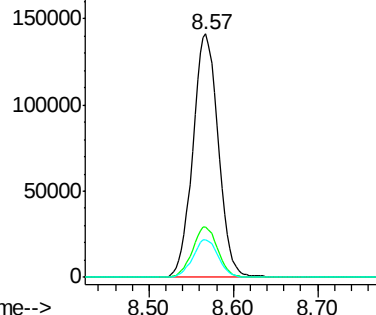
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060127.D
Acq: 17 Feb 2020 18:08

Instrument :
MSVOA_N
ClientSampleId :
CL-02-021420

Tot Ion:114 Resp: 296312
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 15.5 0.0 31.6

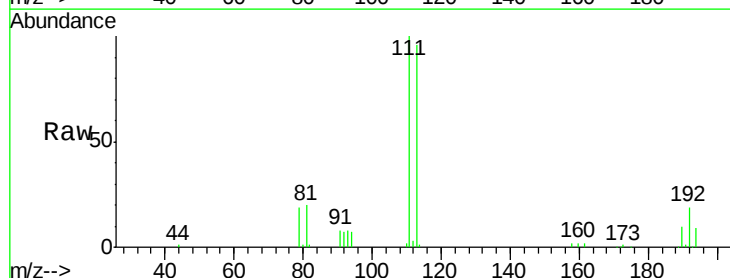


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

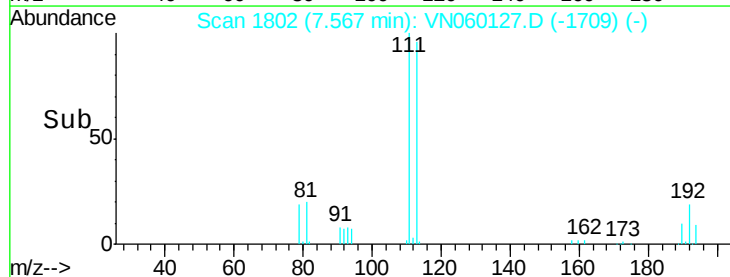
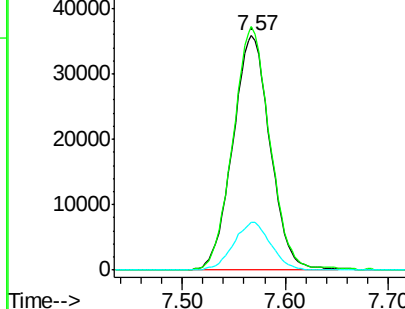


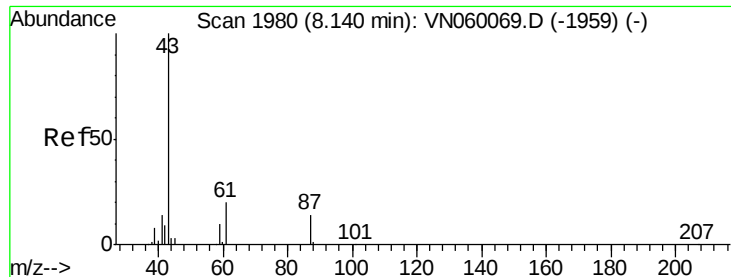
#35
Dibromofluoromethane
Concen: 49.529 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060127.D
Acq: 17 Feb 2020 18:08

Tgt Ion:113 Resp: 90214
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.2
192 20.2 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: 3.660 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060127.D

Acq: 17 Feb 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

CL-02-021420

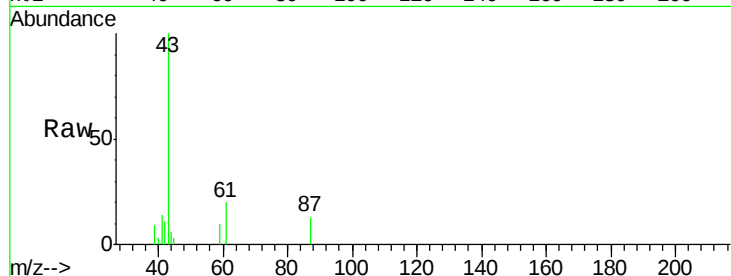
Tot Ion: 43 Resp: 15518

Ion Ratio Lower Upper

43 100

61 19.8 21.8 32.6#

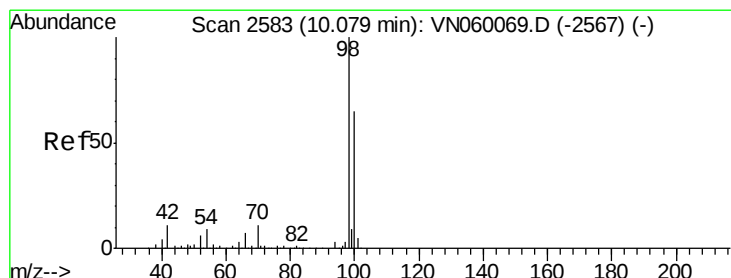
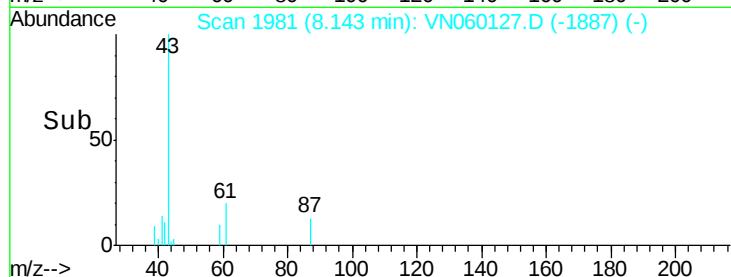
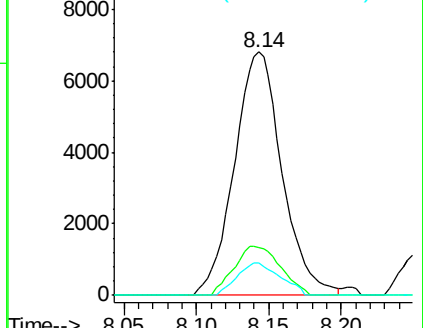
87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 50.597 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060127.D

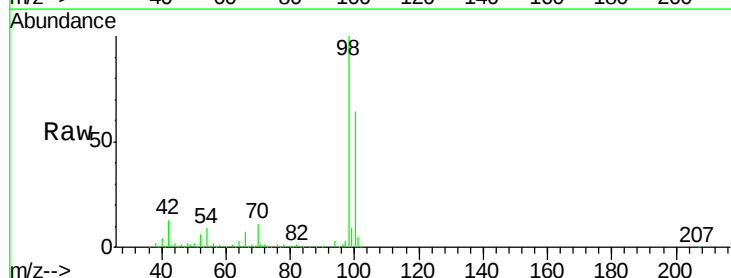
Acq: 17 Feb 2020 18:08

Tgt Ion: 98 Resp: 362918

Ion Ratio Lower Upper

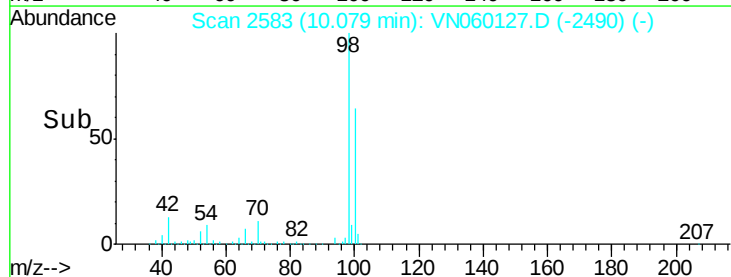
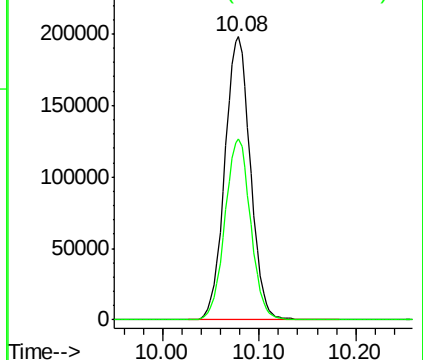
98 100

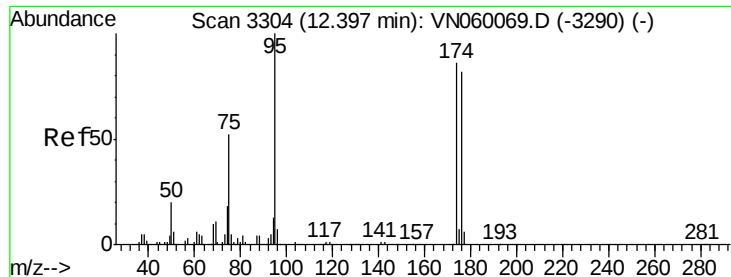
100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 49.280 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060127.D

Acq: 17 Feb 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

CL-02-021420

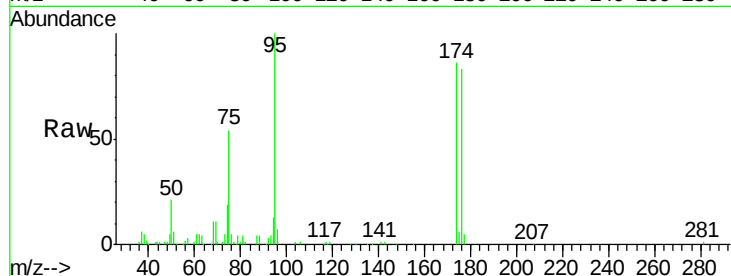
Tot Ion: 95 Resp: 129884

Ion Ratio Lower Upper

95 100

174 83.6 0.0 169.8

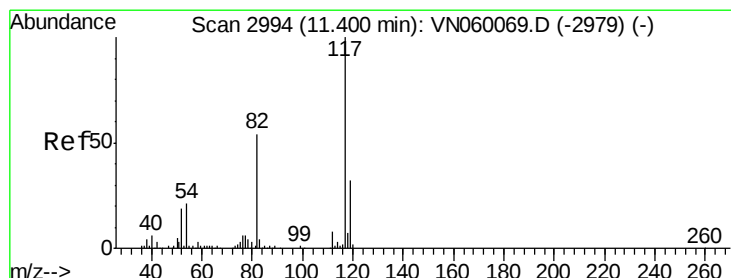
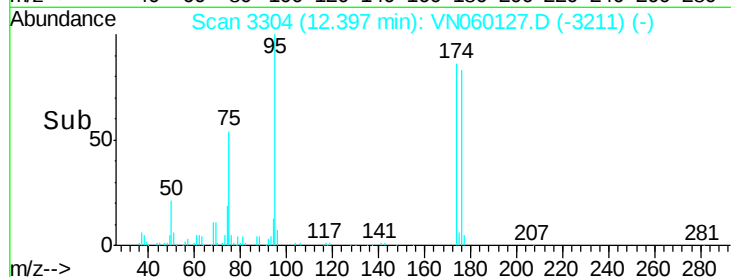
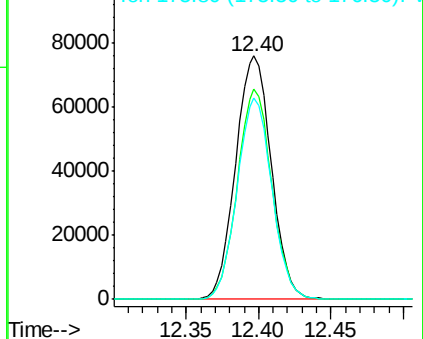
176 80.6 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060127.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060127.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060127.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060127.D

Acq: 17 Feb 2020 18:08

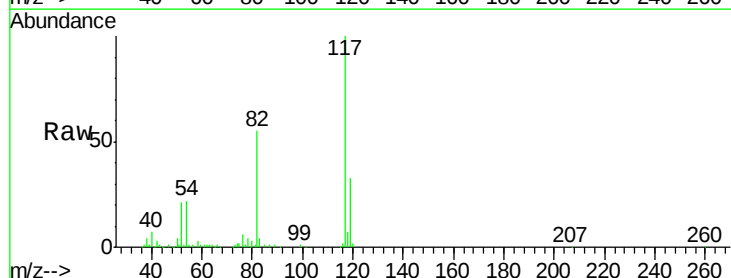
Tgt Ion: 117 Resp: 277688

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

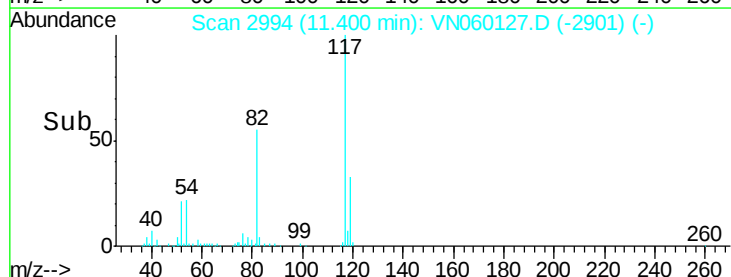
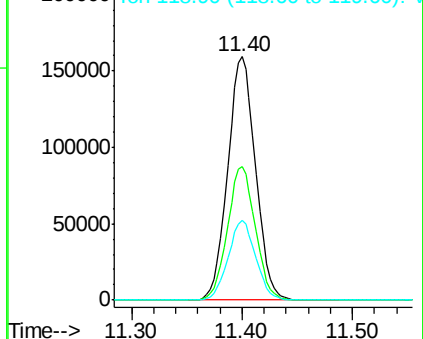
119 32.6 25.8 38.6

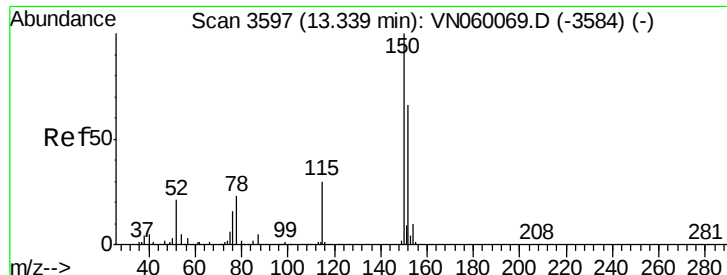


Abundance Ion 116.90 (116.60 to 117.60): VN060127.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060127.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060127.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060127.D

Acq: 17 Feb 2020 18:08

Instrument :

MSVOA_N

ClientSampleId :

CL-02-021420

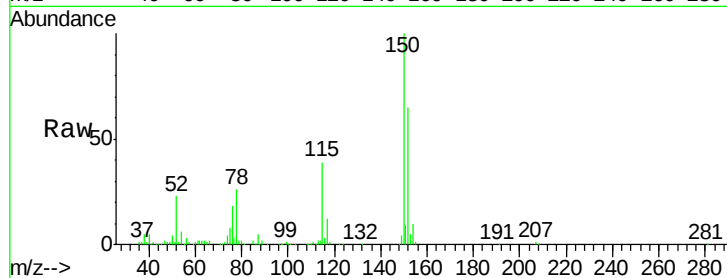
Tot Ion:152 Resp: 125875

Ion Ratio Lower Upper

152 100

115 59.6 28.9 86.8

150 157.0 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

