

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060557.D
 Acq On : 17 Mar 2020 15:26
 Operator : JC/MD
 Sample : PB127594ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127594ZHE#02

Quant Time: Mar 18 07:30:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

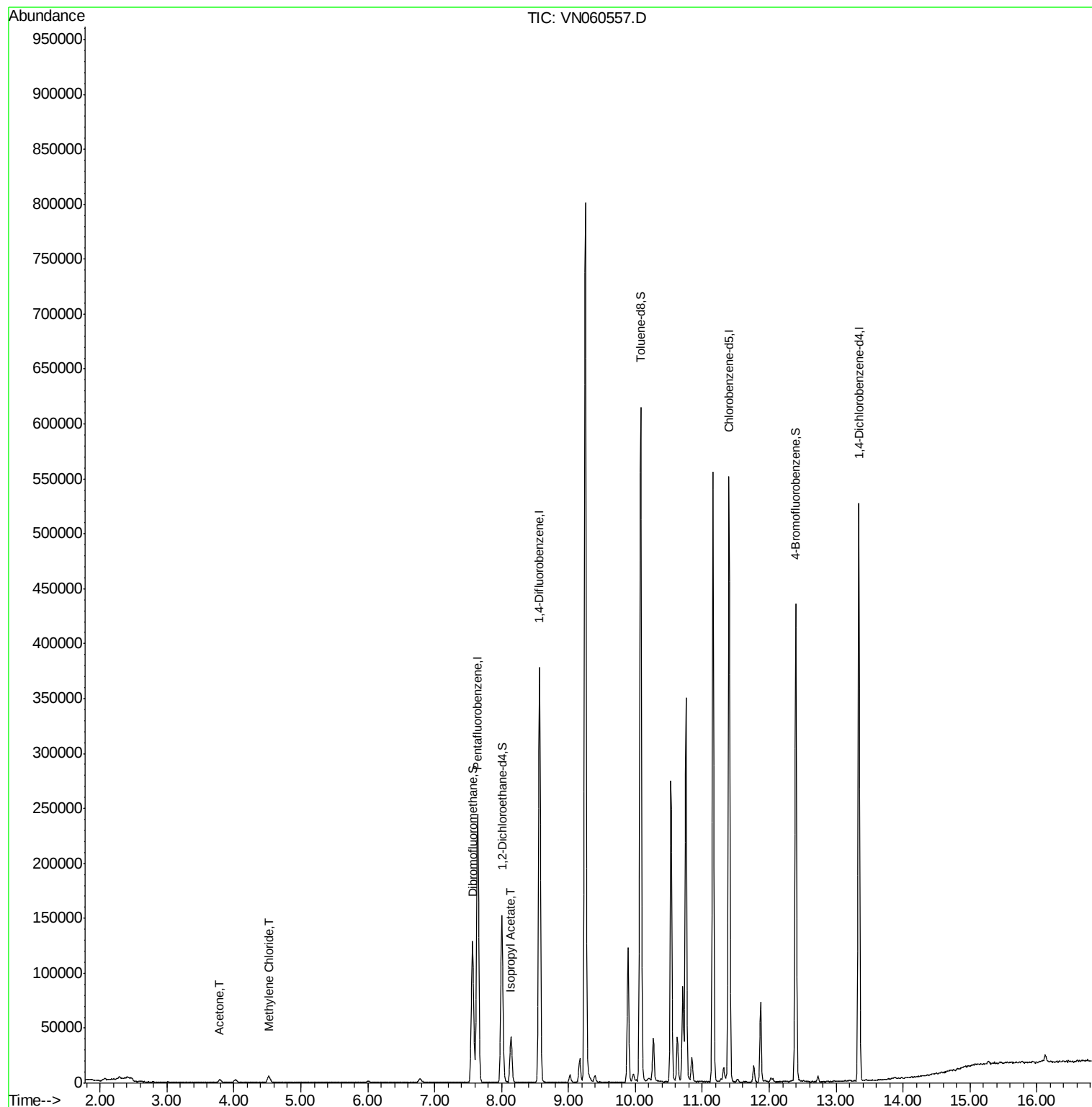
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	336118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131976	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.57	113	99647	63.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.74%	
50) Toluene-d8	10.08	98	413886	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.40	95	153291	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
Target Compounds						
16) Acetone	3.79	43	4958	5.869	ug/l	94
20) Methylene Chloride	4.52	84	4571	1.970	ug/l	91
43) Isopropyl Acetate	8.14	43	50939	9.593	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060557.D

Acq: 17 Mar 2020 15:26

Instrument :

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ClientSampleId :

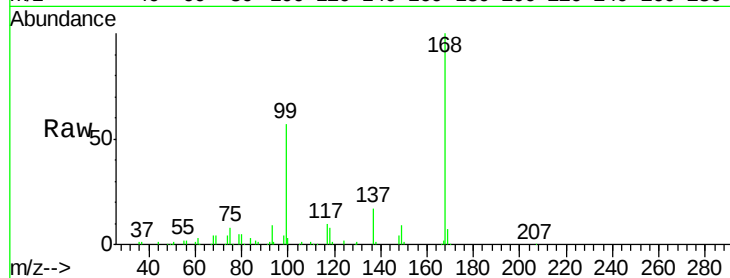
PB127594ZHE#02

Tot Ion:168 Resp: 203890

Ion Ratio Lower Upper

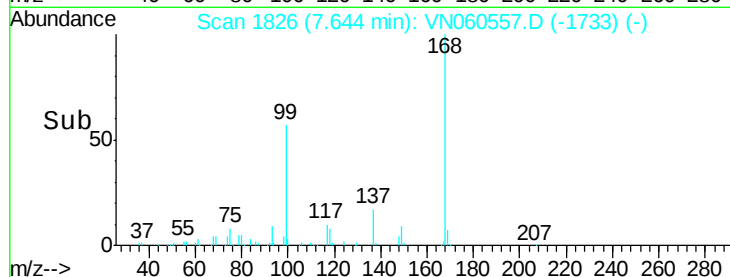
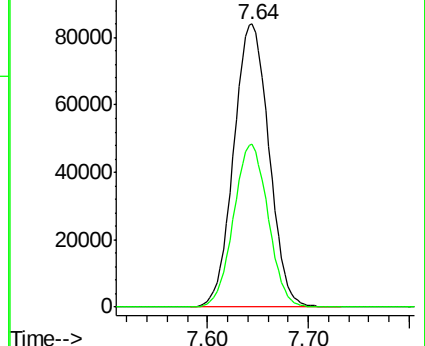
168 100

99 57.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.869 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060557.D

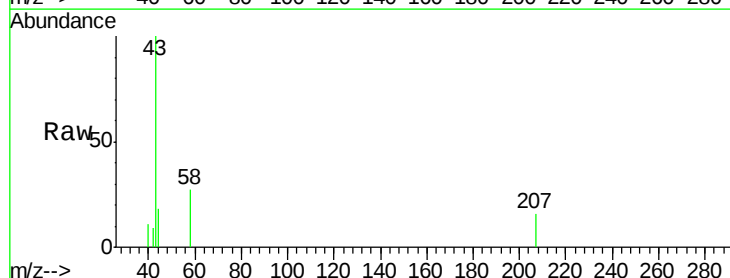
Acq: 17 Mar 2020 15:26

Tgt Ion: 43 Resp: 4958

Ion Ratio Lower Upper

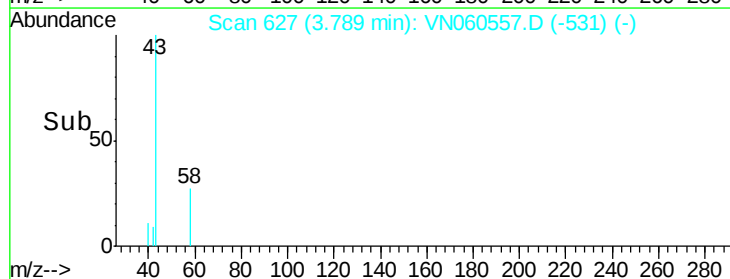
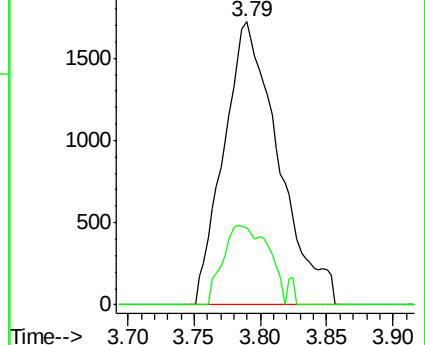
43 100

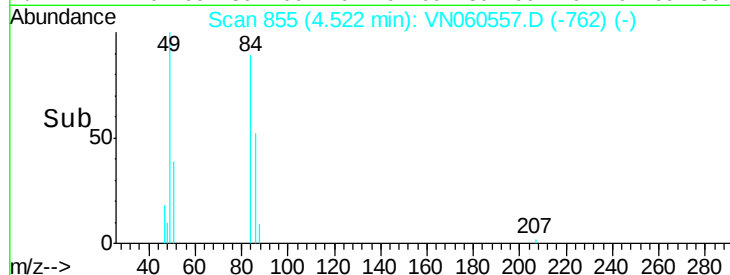
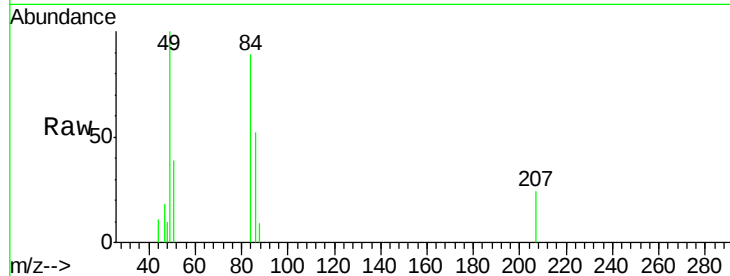
58 27.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

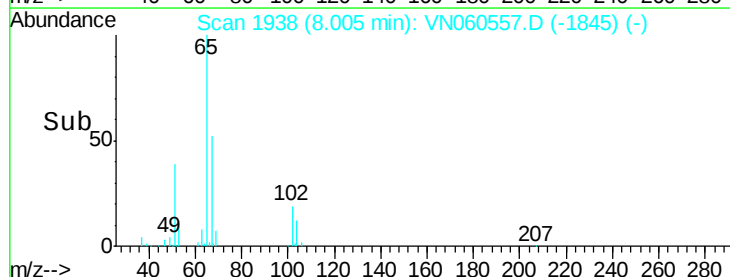
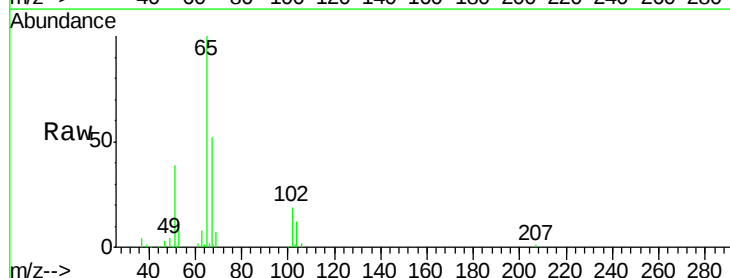
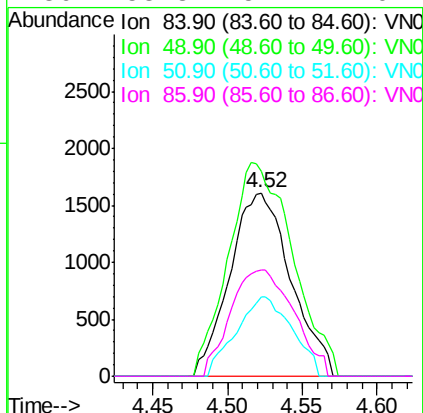




#20
Methylene Chloride
Concen: 1.970 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060557.D
Acq: 17 Mar 2020 15:26

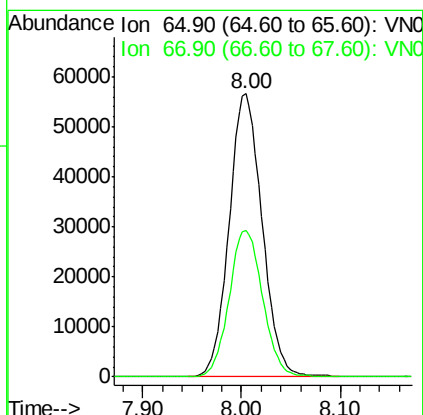
Instrument :
MSVOA_N
ClientSampleId :
PB127594ZHE#02

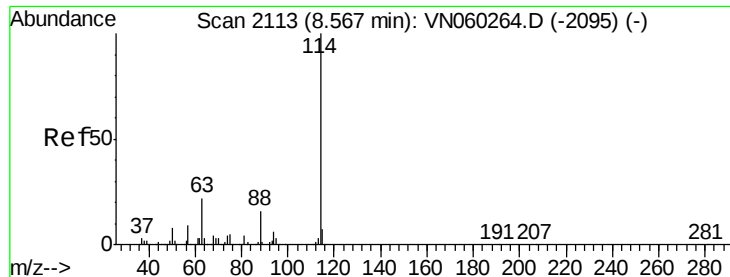
Tot Ion:	84	Resp:	4571
Ion	Ratio	Lower	Upper
84	100		
49	112.1	99.3	148.9
51	43.3	30.1	45.1
86	58.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.451 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060557.D
Acq: 17 Mar 2020 15:26

Tgt Ion:	65	Resp:	131976
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.8

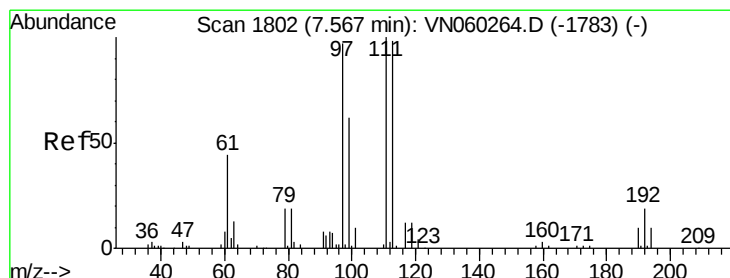
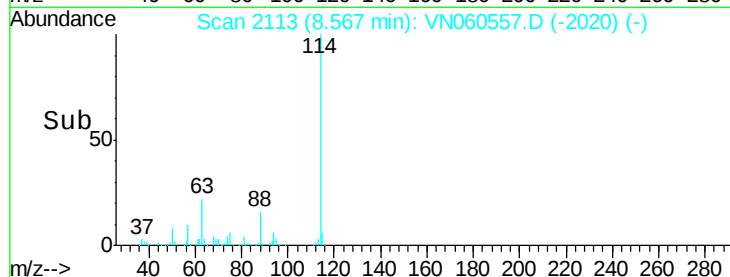
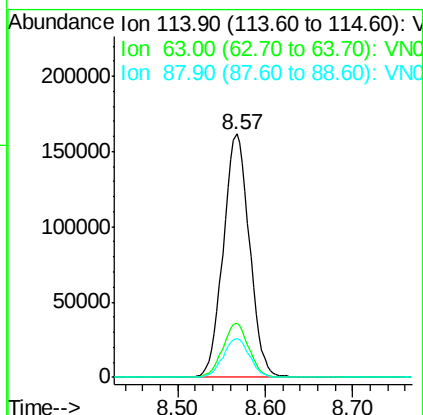
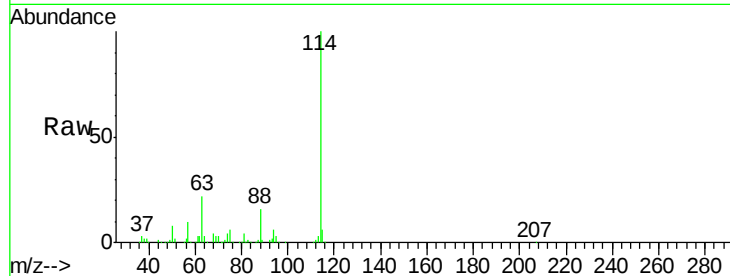




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060557.D
Acq: 17 Mar 2020 15:26

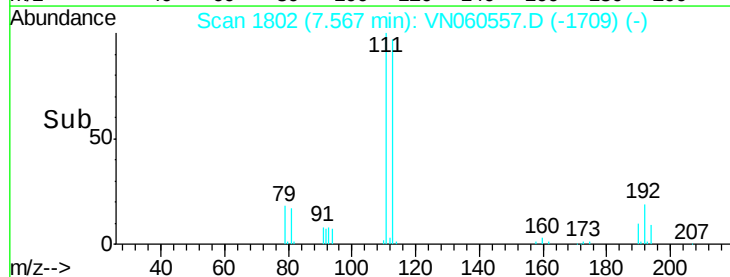
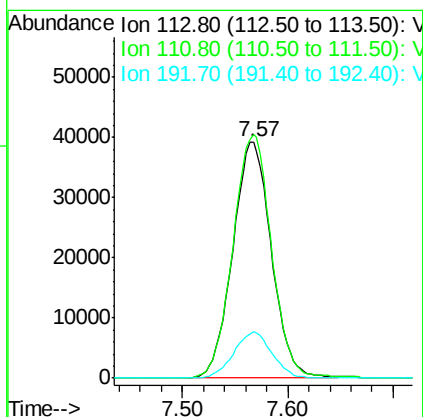
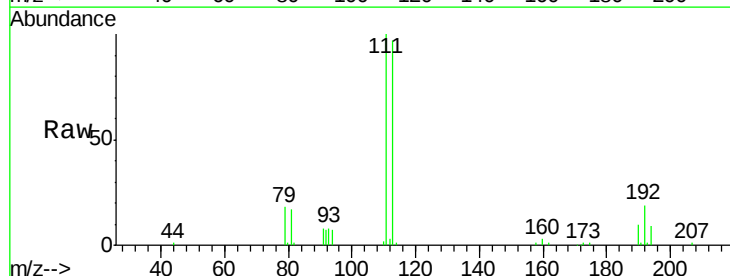
Instrument :
MSVOA_N
ClientSampleId :
PB127594ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.8	0.0	31.6



#35
Dibromofluoromethane
Concen: 63.870 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060557.D
Acq: 17 Mar 2020 15:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.3	16.2	24.2





#43

Isopropyl Acetate

Concen: 9.593 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060557.D

Acq: 17 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB127594ZHE#02

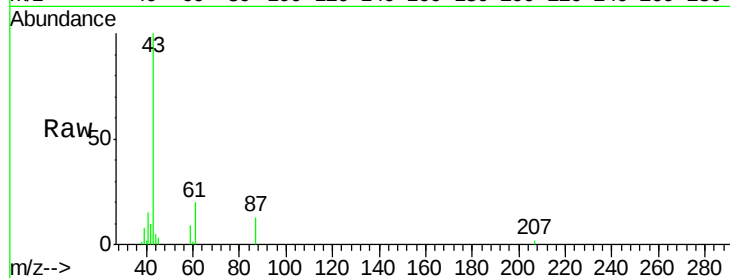
Tot Ion: 43 Resp: 50939

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

87 11.5 10.6 16.0



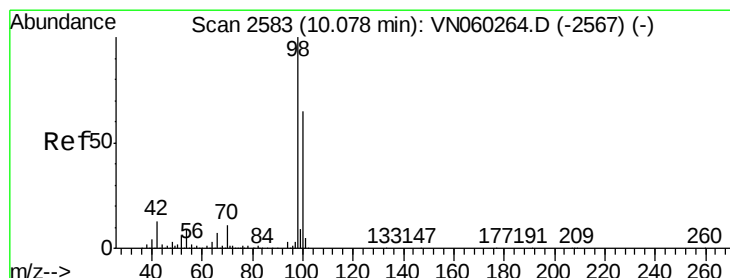
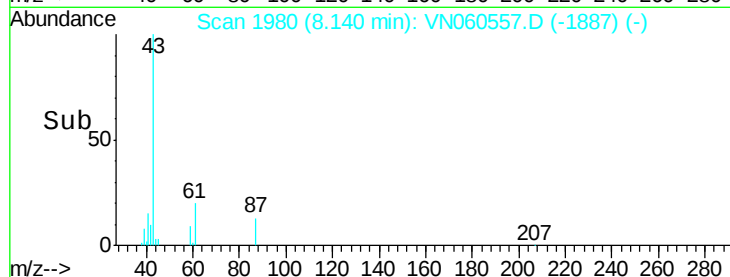
Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)

Time-->

8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: 52.416 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060557.D

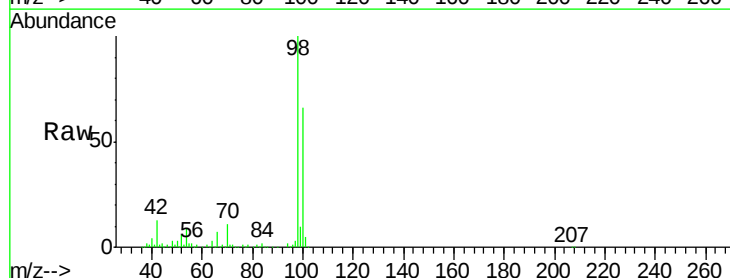
Acq: 17 Mar 2020 15:26

Tgt Ion: 98 Resp: 413886

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

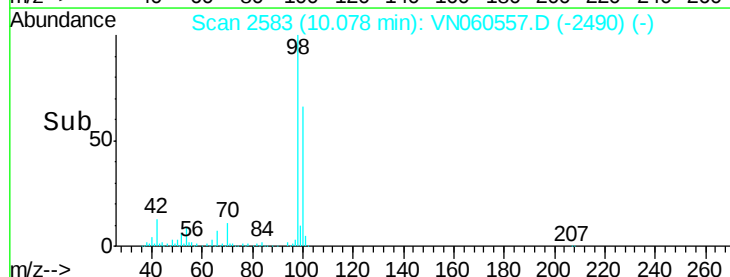


Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

Time-->

10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 51.213 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060557.D

Acq: 17 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB127594ZHE#02

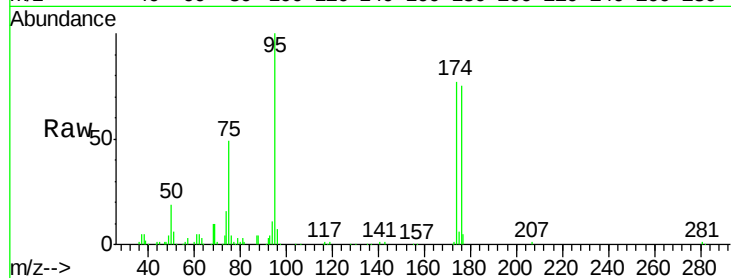
Tot Ion: 95 Resp: 153291

Ion Ratio Lower Upper

95 100

174 77.5 0.0 159.2

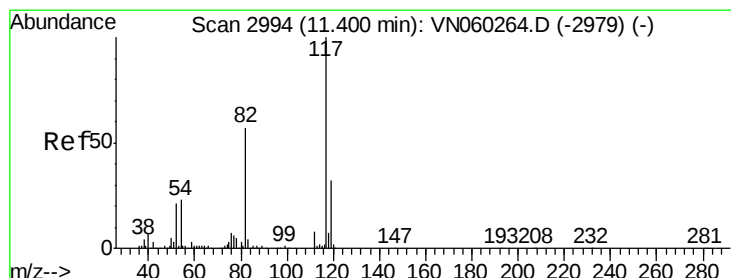
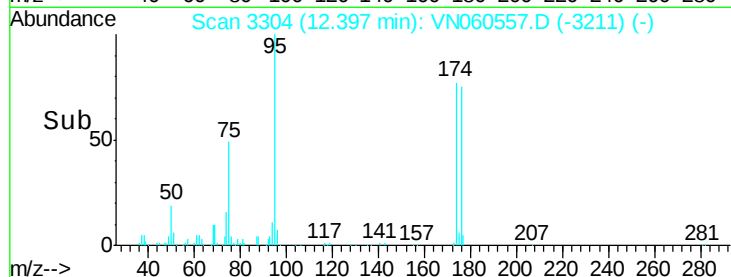
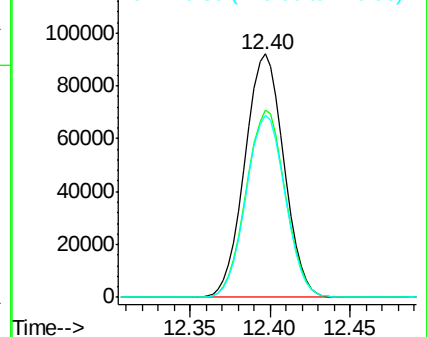
176 75.3 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060557.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060557.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060557.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060557.D

Acq: 17 Mar 2020 15:26

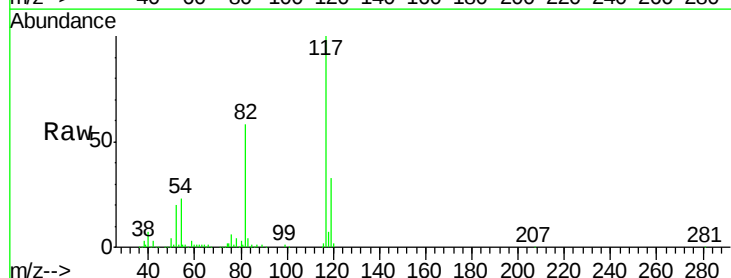
Tgt Ion: 117 Resp: 312960

Ion Ratio Lower Upper

117 100

82 58.2 45.8 68.6

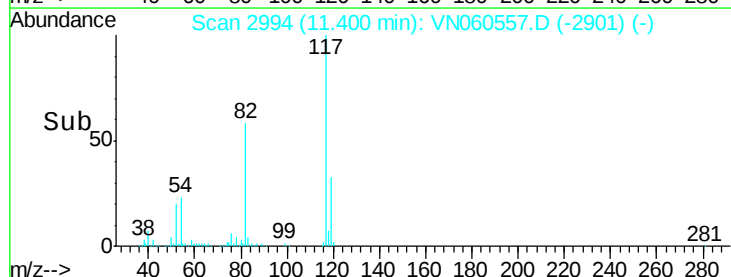
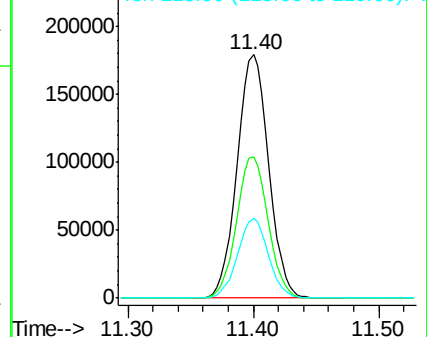
119 32.5 25.8 38.8

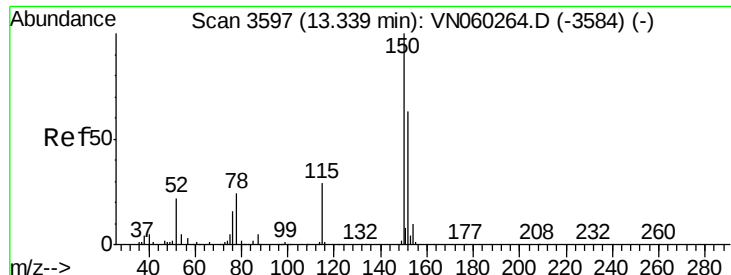


Abundance Ion 116.90 (116.60 to 117.60): VN060557.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060557.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060557.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: VN060557.D

Acq: 17 Mar 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB127594ZHE#02

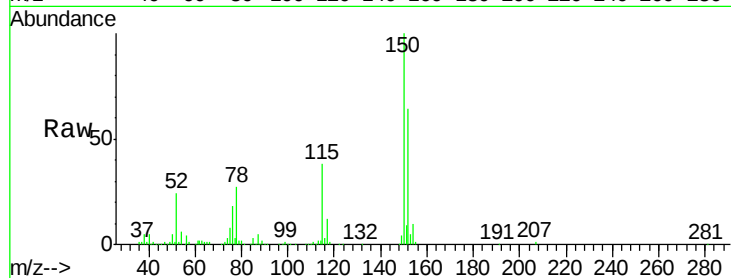
Tot Ion:152 Resp: 139654

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 158.0 0.0 349.6



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

