

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060306.D
 Acq On : 2 Mar 2020 13:11
 Operator : JC/MD
 Sample : PB127166ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127166ZHE#01

Quant Time: Mar 03 06:13:15 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

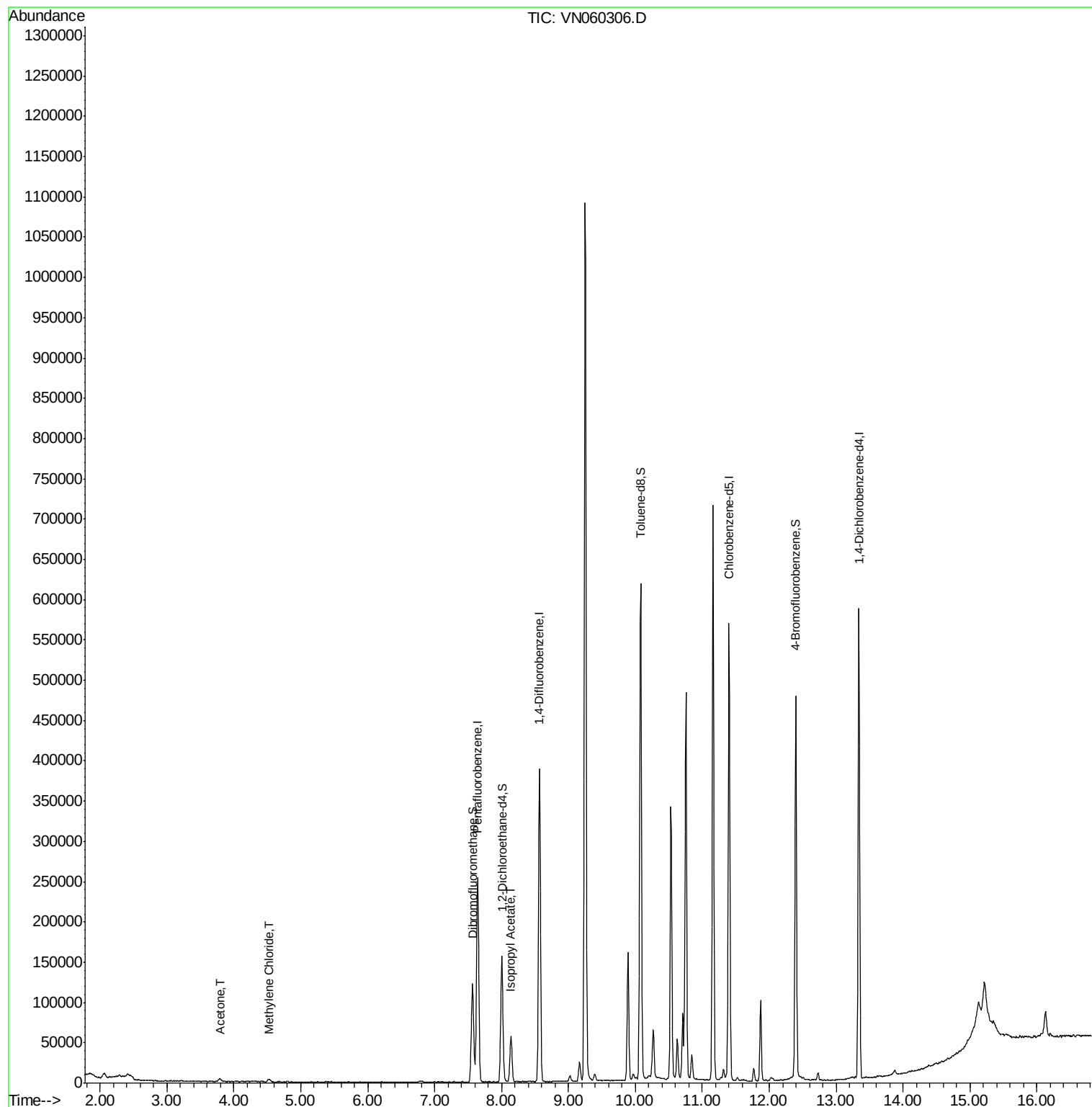
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	340302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	320559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135106	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
35) Dibromofluoromethane	7.57	113	92613	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.26%	
50) Toluene-d8	10.08	98	419307	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	159364	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
Target Compounds						
16) Acetone	3.79	43	7021	8.117	ug/l	98
20) Methylene Chloride	4.53	84	2766	1.164	ug/l	94
43) Isopropyl Acetate	8.14	43	67222	12.504	ug/l #	91

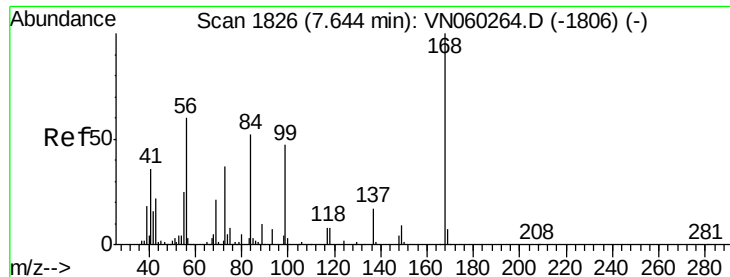
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060306.D

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Instrument :

MSVOA_N

ClientSampleId :

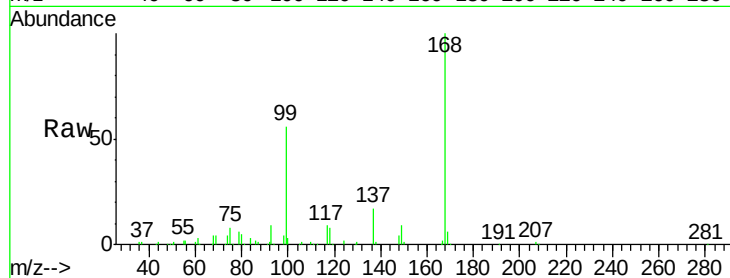
PB127166ZHE#01

Tot Ion:168 Resp: 208770

Ion Ratio Lower Upper

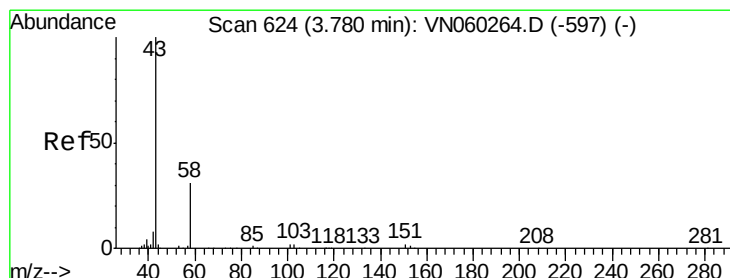
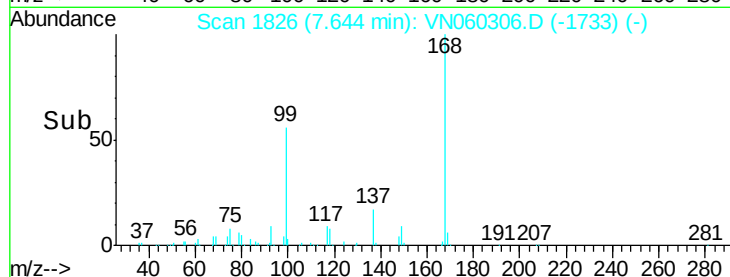
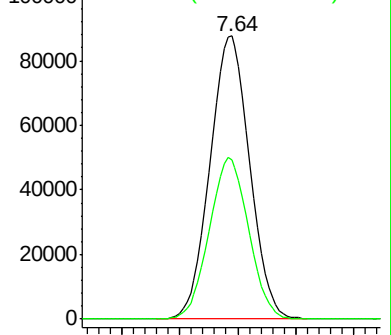
168 100

99 56.4 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: 8.117 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060306.D

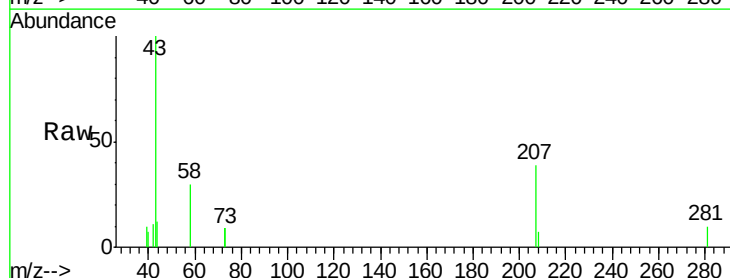
Acq: 2 Mar 2020 13:11

Tgt Ion: 43 Resp: 7021

Ion Ratio Lower Upper

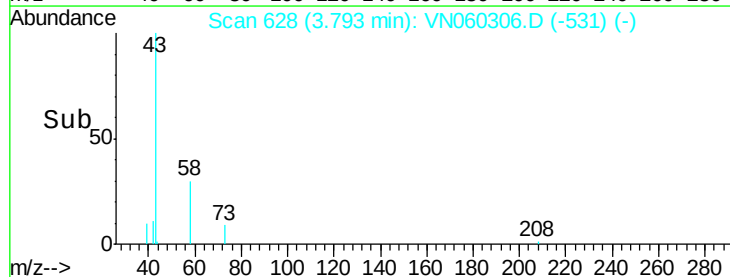
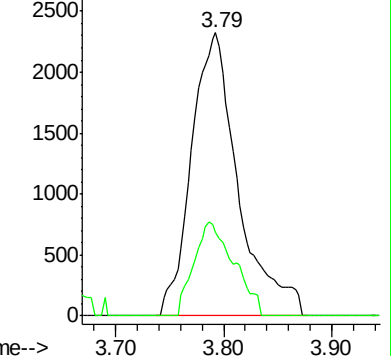
43 100

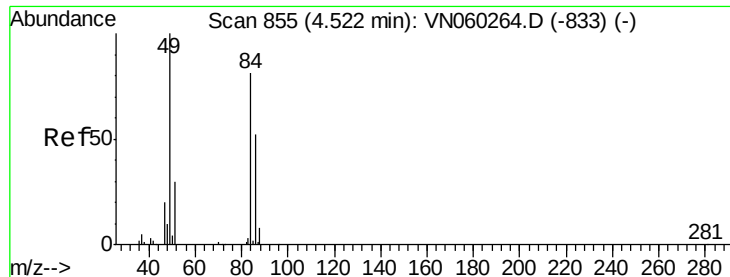
58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

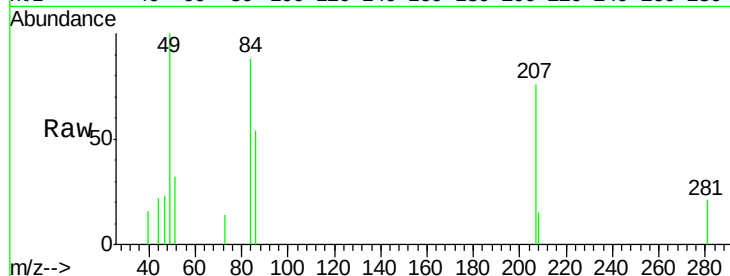




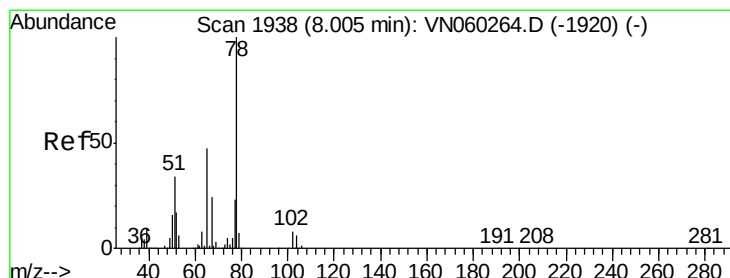
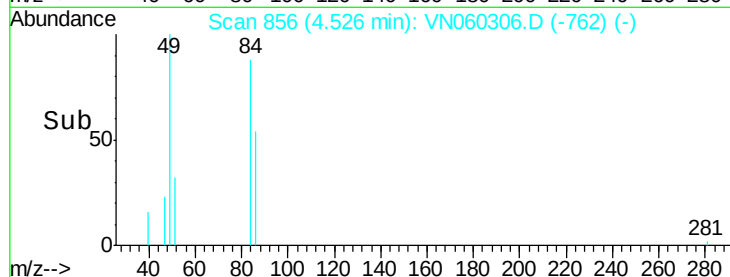
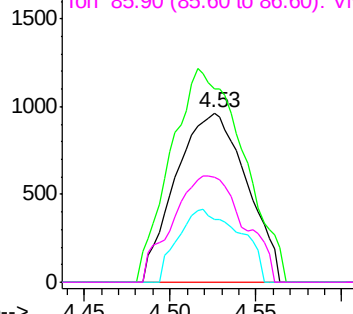
#20
Methylene Chloride
Concen: 1.164 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060306.D
Acq: 2 Mar 2020 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB127166ZHE#01

Tot Ion: 84 Resp: 2766
Ion Ratio Lower Upper
84 100
49 114.0 99.3 148.9
51 36.9 30.1 45.1
86 61.8 51.1 76.7

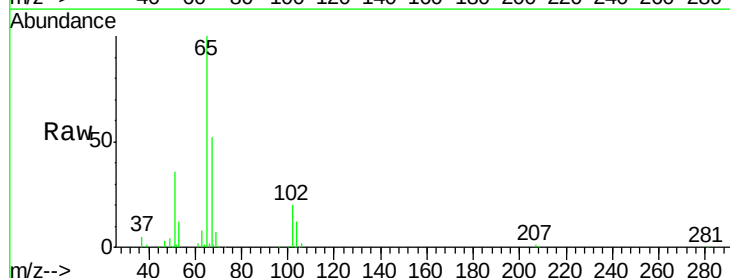


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

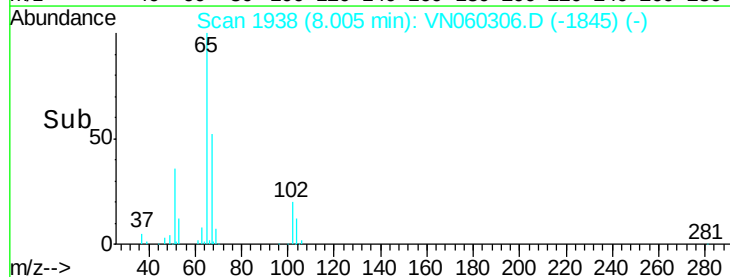
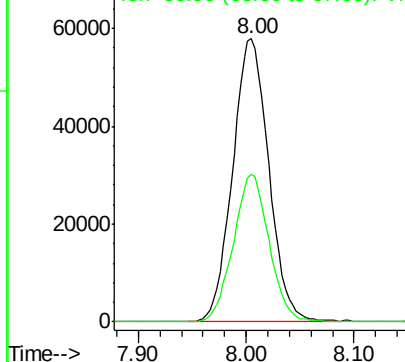


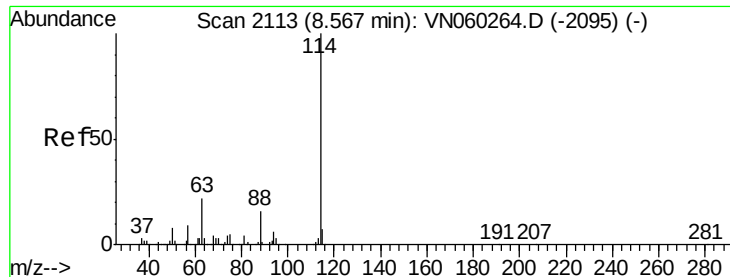
#33
1,2-Dichloroethane-d4
Concen: 50.440 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060306.D
Acq: 2 Mar 2020 13:11

Tgt Ion: 65 Resp: 135106
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8



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

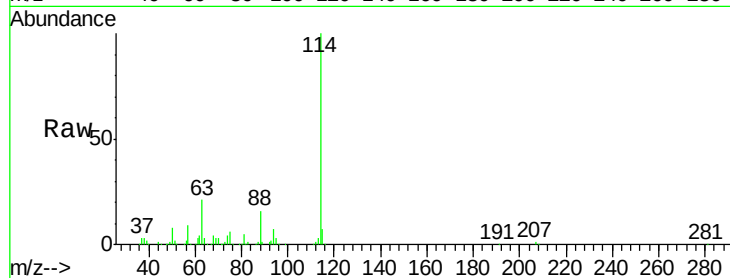




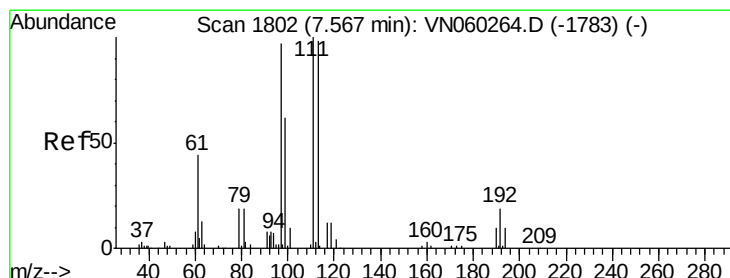
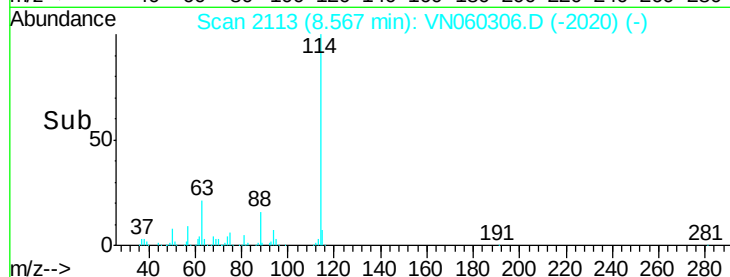
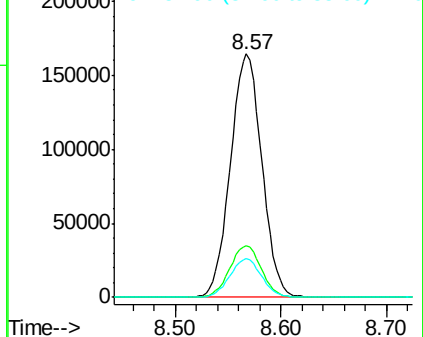
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060306.D
 Acq: 2 Mar 2020 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127166ZHE#01

Tot Ion:114 Resp: 340302
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 15.9 0.0 31.6

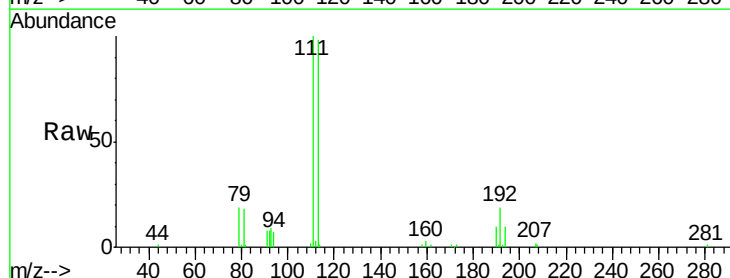


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

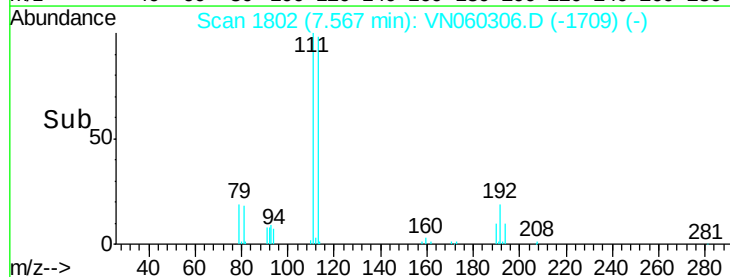
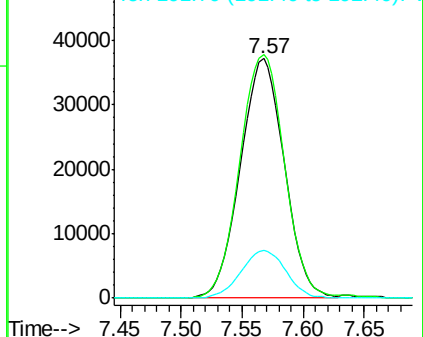


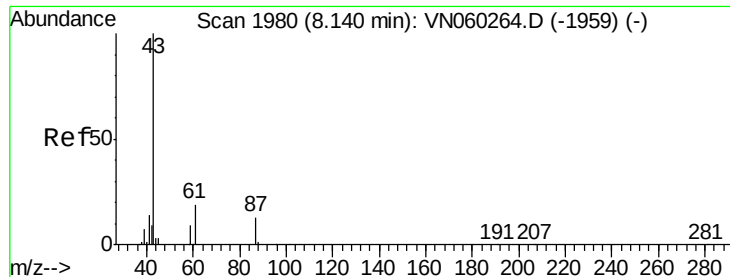
#35
 Dibromofluoromethane
 Concen: 58.632 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060306.D
 Acq: 2 Mar 2020 13:11

Tgt Ion:113 Resp: 92613
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 20.3 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: 12.504 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060306.D

Acq: 2 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

PB127166ZHE#01

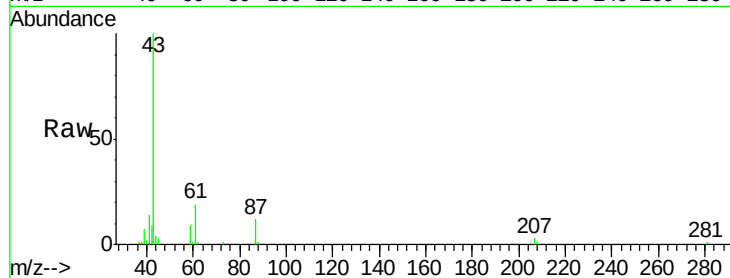
Tot Ion: 43 Resp: 67222

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

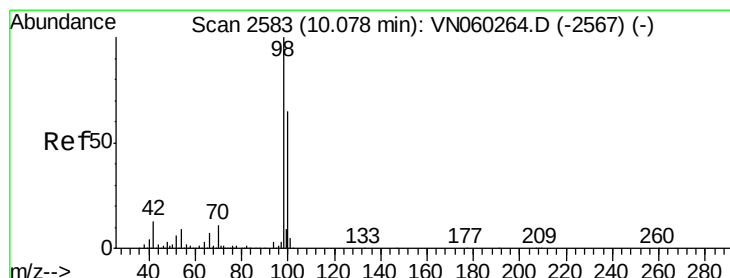
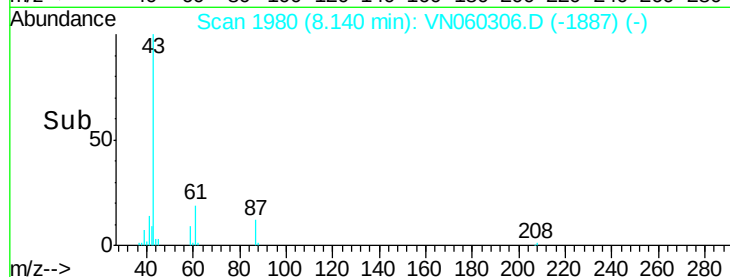
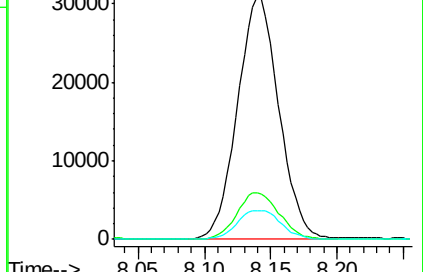
87 12.5 10.6 16.0



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) (-)



#50

Toluene-d8

Concen: 52.450 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060306.D

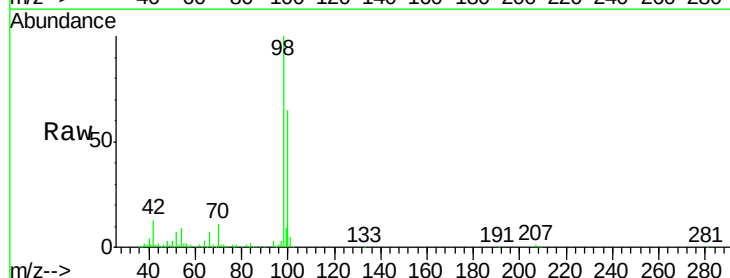
Acq: 2 Mar 2020 13:11

Tgt Ion: 98 Resp: 419307

Ion Ratio Lower Upper

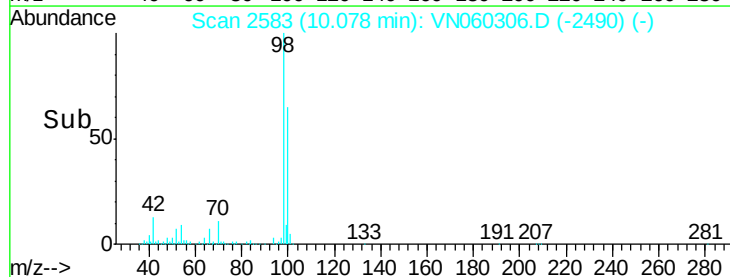
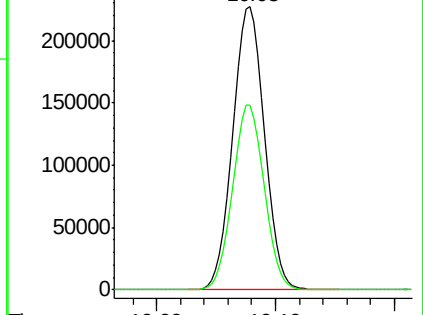
98 100

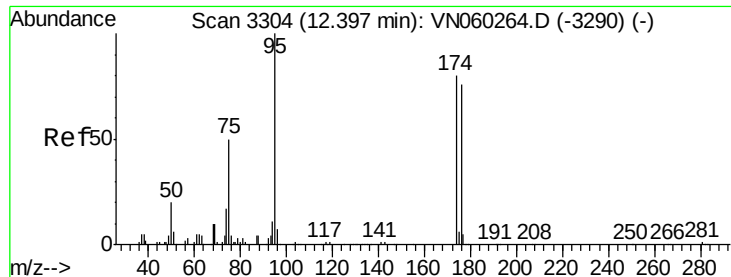
100 65.1 52.2 78.2



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

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





#62

4-Bromofluorobenzene

Concen: 52.587 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060306.D

Acq: 2 Mar 2020 13:11

Instrument :

MSVOA_N

ClientSampleId :

PB127166ZHE#01

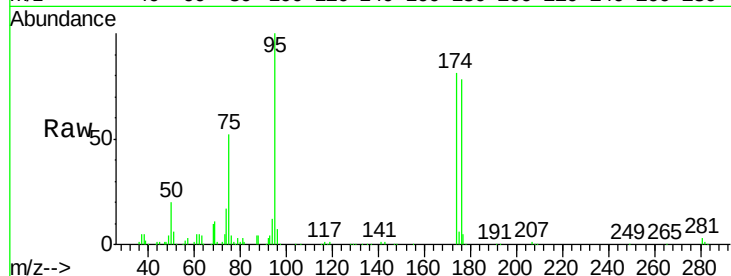
Tot Ion: 95 Resp: 159364

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.2

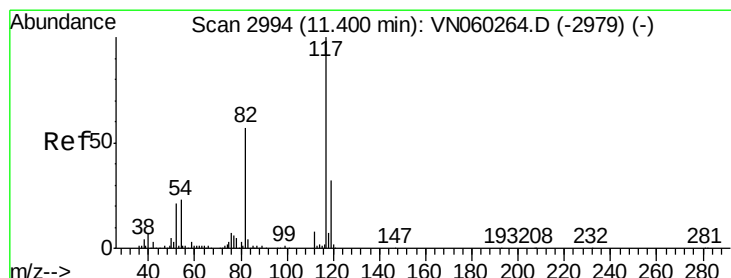
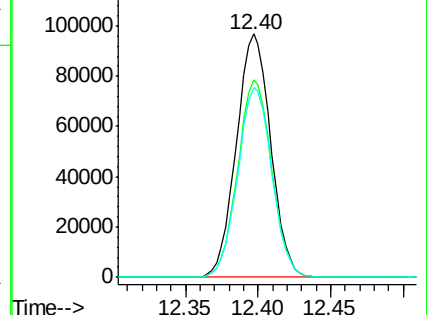
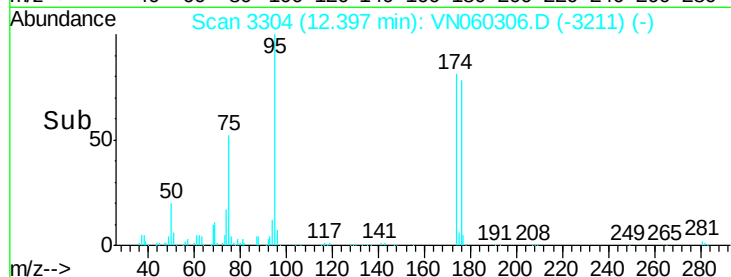
176 77.7 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060306.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060306.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060306.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060306.D

Acq: 2 Mar 2020 13:11

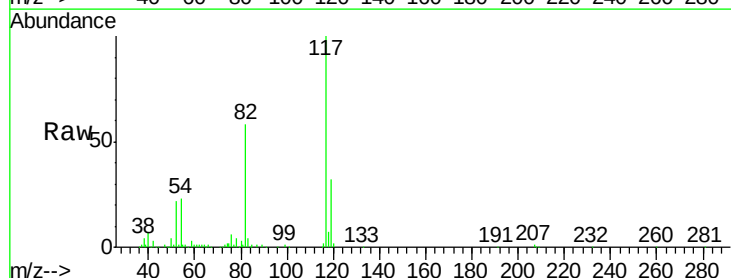
Tgt Ion: 117 Resp: 320559

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.6

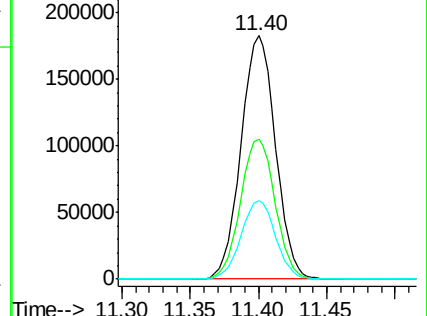
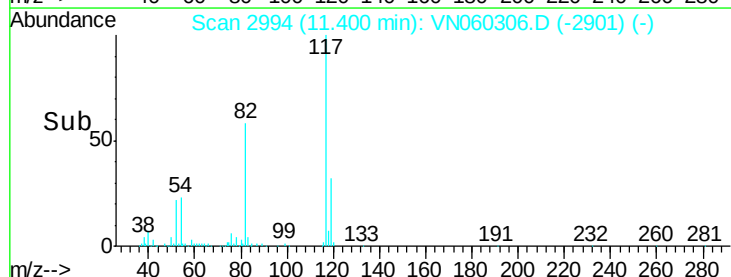
119 32.3 25.8 38.8

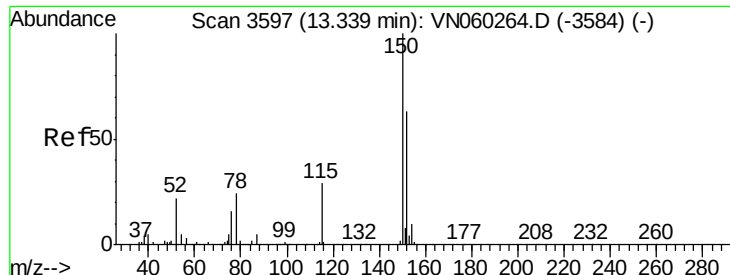


Abundance Ion 116.90 (116.60 to 117.60): VN060306.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060306.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060306.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: VN060306.D

Acq: 2 Mar 2020 13:11

Instrument :

MSVOA_N

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PB127166ZHE#01

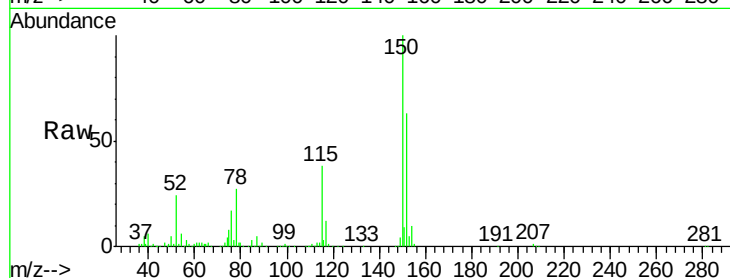
Tot Ion:152 Resp: 150935

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 157.9 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

