

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060617.D
 Acq On : 19 Mar 2020 1:51
 Operator : JC/MD
 Sample : PB127624ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127624ZHE#11

Quant Time: Mar 19 08:58:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

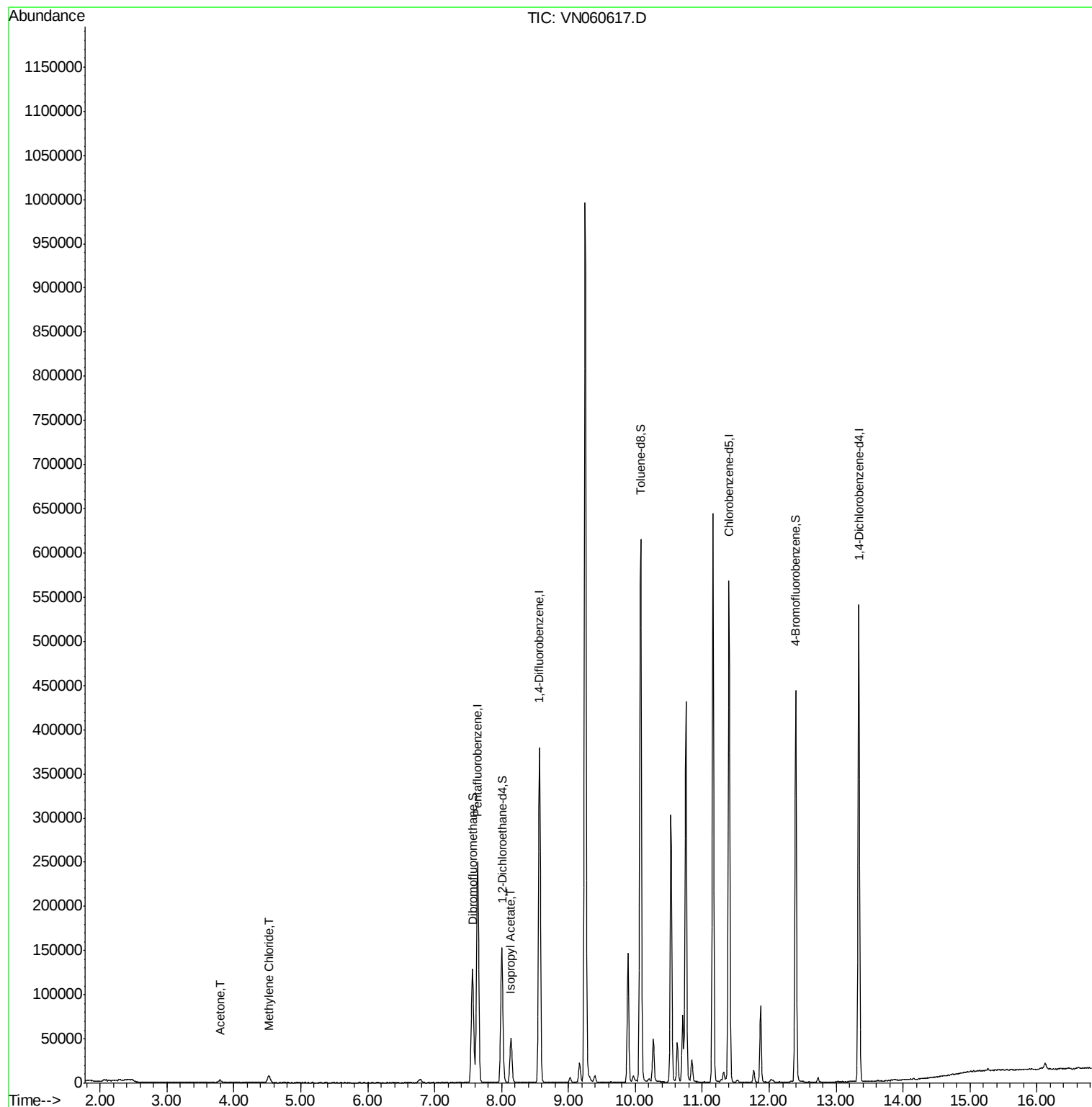
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131385	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.56	113	100007	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.08	98	422437	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	157142	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
Target Compounds						
16) Acetone	3.79	43	6003	6.041	ug/l	95
20) Methylene Chloride	4.52	84	6313	2.583	ug/l	98
43) Isopropyl Acetate	8.14	43	60310	10.281	ug/l #	91

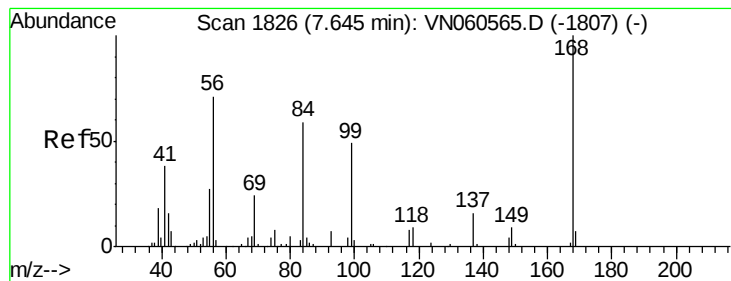
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

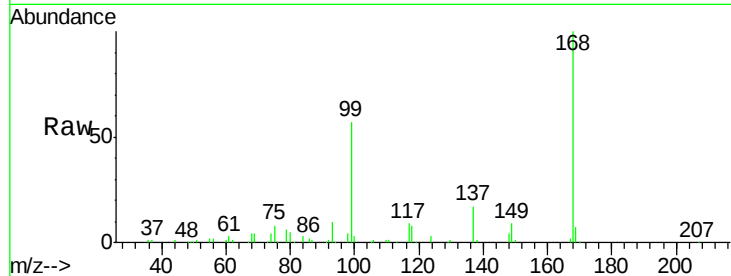
PB127624ZHE#11

Tot Ion:168 Resp: 204349

Ion Ratio Lower Upper

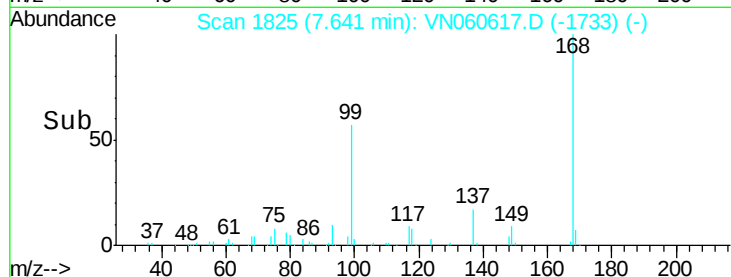
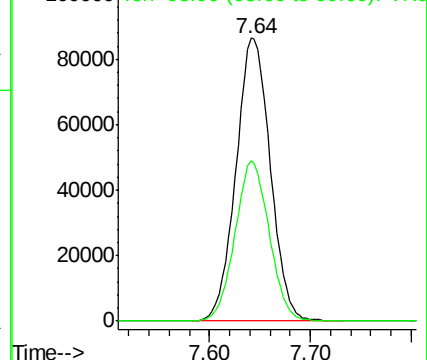
168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.041 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060617.D

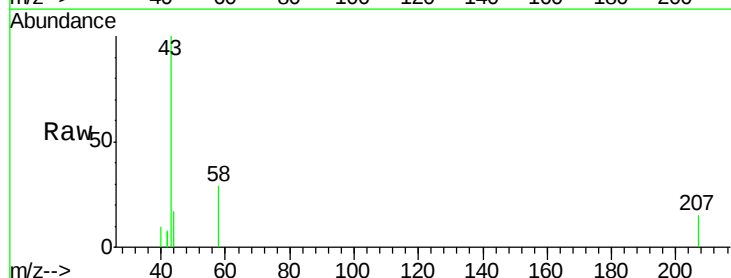
Acq: 19 Mar 2020 1:51

Tgt Ion: 43 Resp: 6003

Ion Ratio Lower Upper

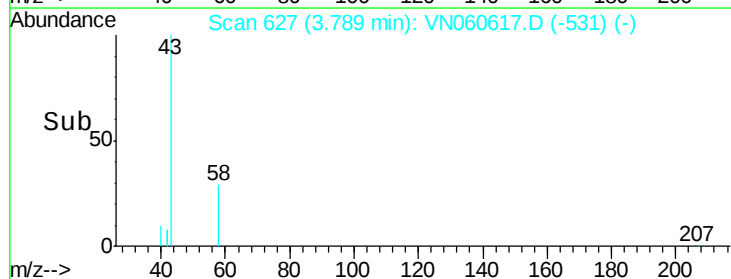
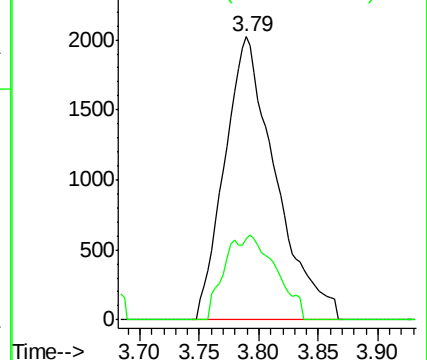
43 100

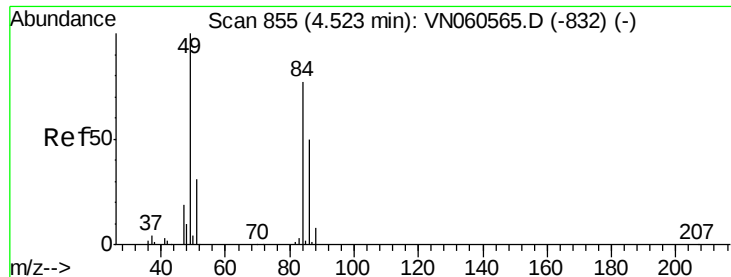
58 28.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 2.583 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

PB127624ZHE#11

Tot Ion: 84 Resp: 6313

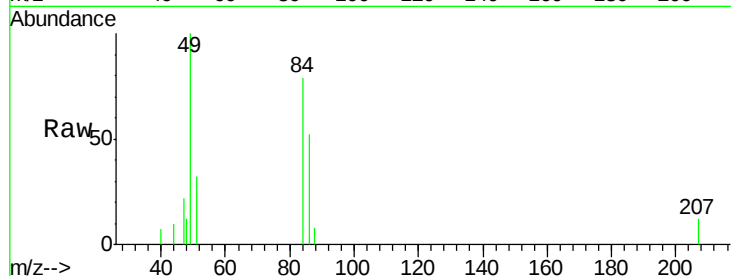
Ion Ratio Lower Upper

84 100

49 126.6 103.3 154.9

51 40.4 31.6 47.4

86 65.9 52.0 78.0

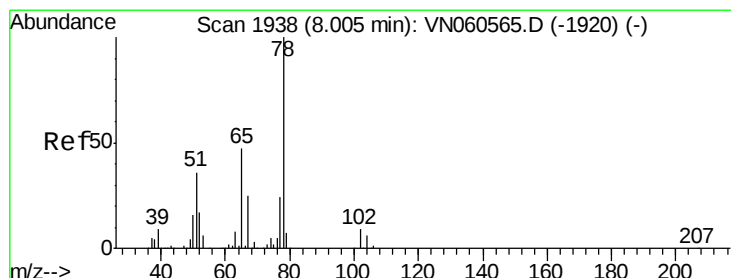
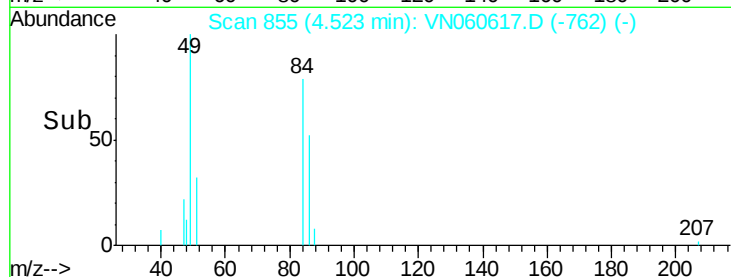
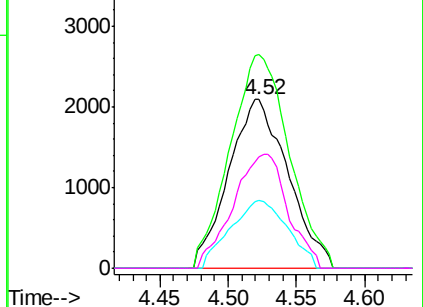


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.835 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060617.D

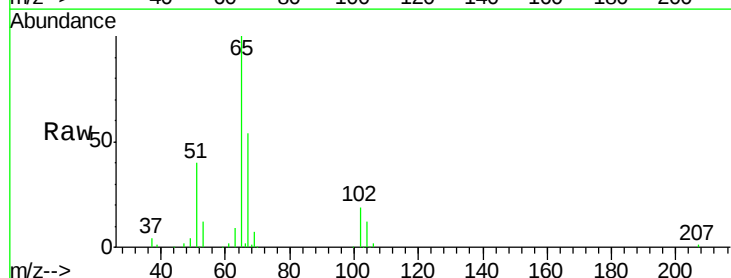
Acq: 19 Mar 2020 1:51

Tgt Ion: 65 Resp: 131385

Ion Ratio Lower Upper

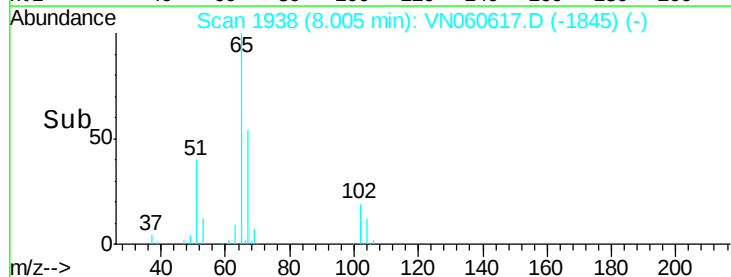
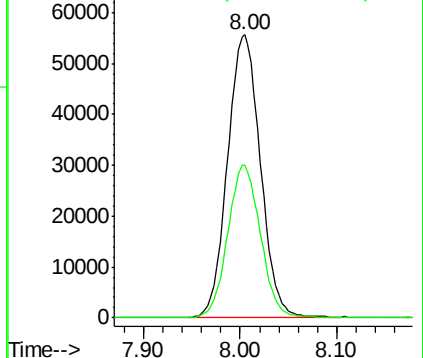
65 100

67 53.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

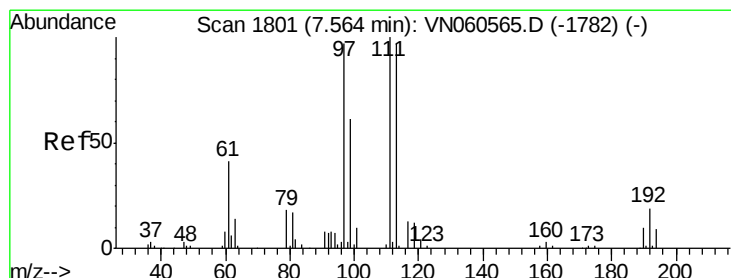
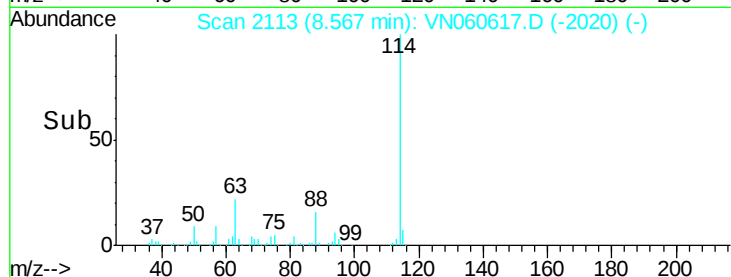
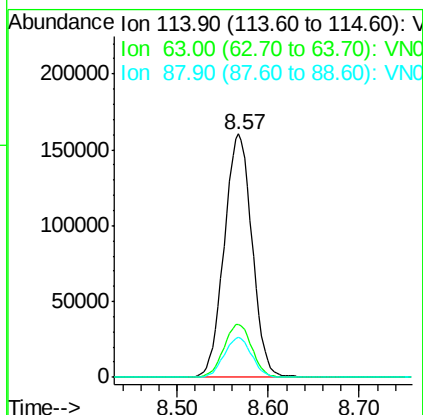
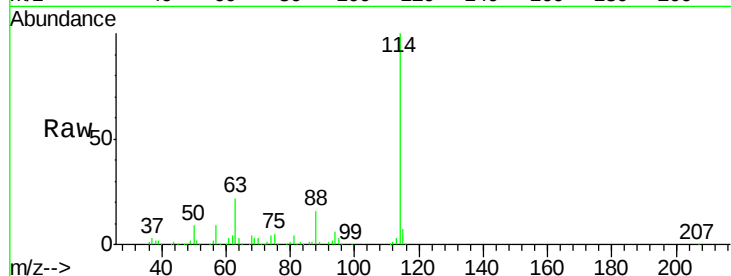




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060617.D
 Acq: 19 Mar 2020 1:51

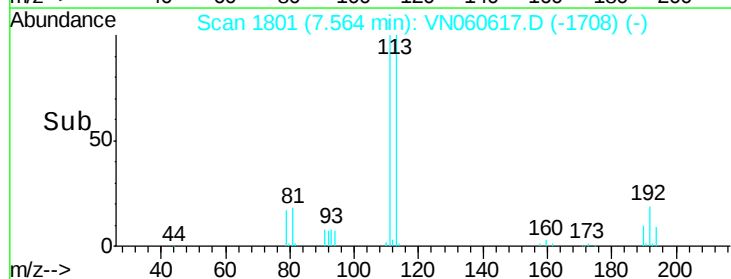
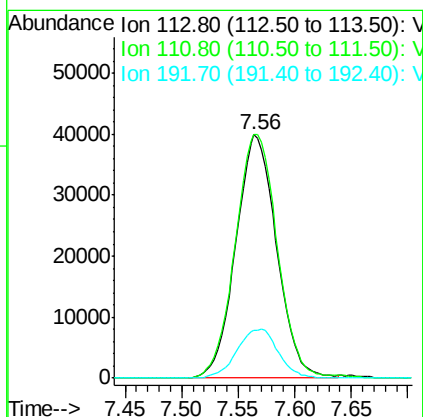
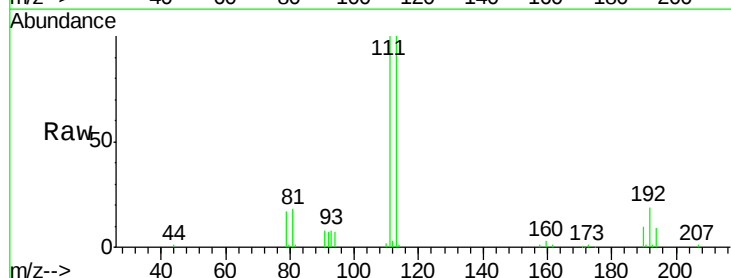
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127624ZHE#11

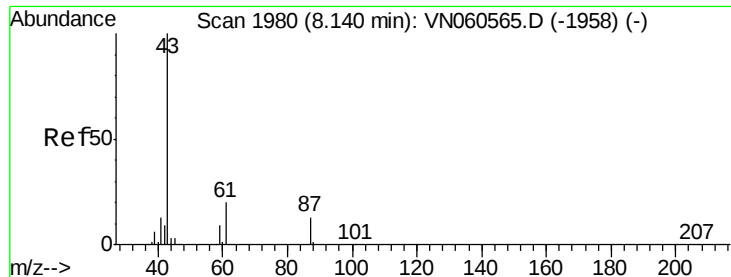
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	16.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.647 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060617.D
 Acq: 19 Mar 2020 1:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.3	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.281 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

PB127624ZHE#11

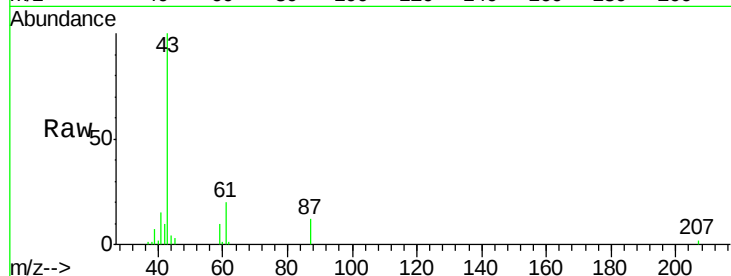
Tot Ion: 43 Resp: 60310

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

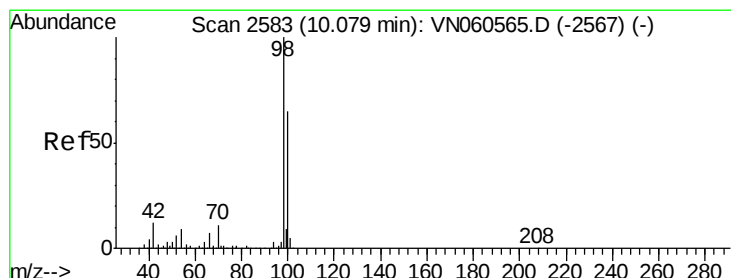
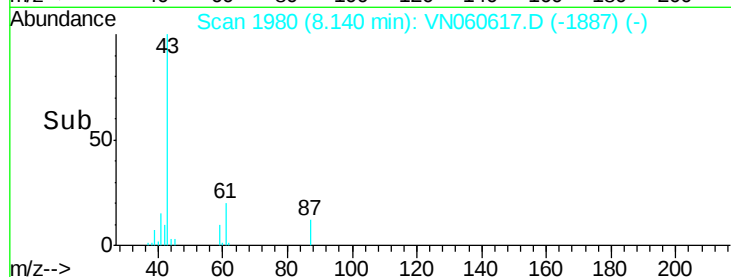
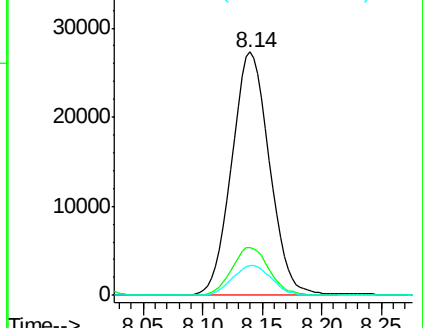
87 12.5 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060617.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060617.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060617.D (-1887) (-)



#50

Toluene-d8

Concen: 50.308 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060617.D

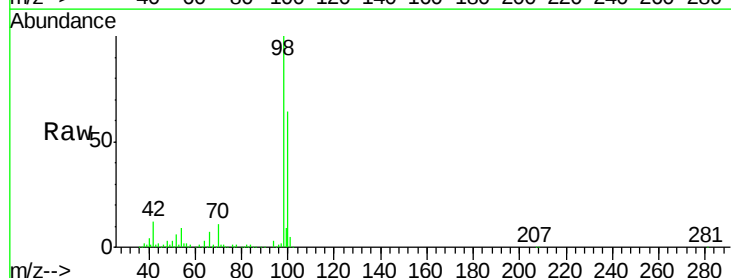
Acq: 19 Mar 2020 1:51

Tgt Ion: 98 Resp: 422437

Ion Ratio Lower Upper

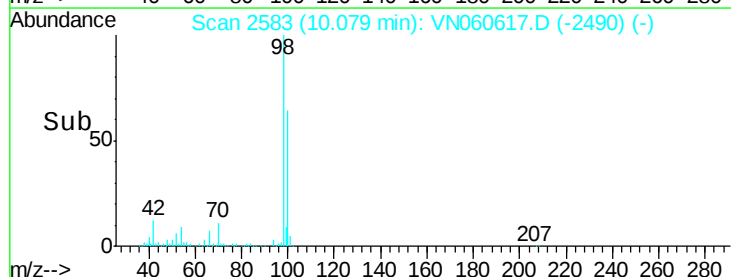
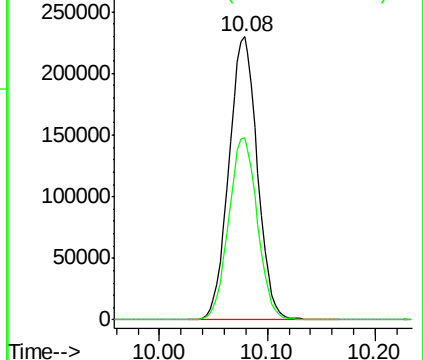
98 100

100 64.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060617.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060617.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 51.064 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

PB127624ZHE#11

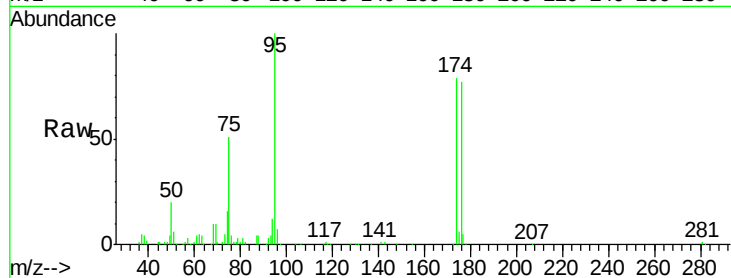
Tot Ion: 95 Resp: 157142

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

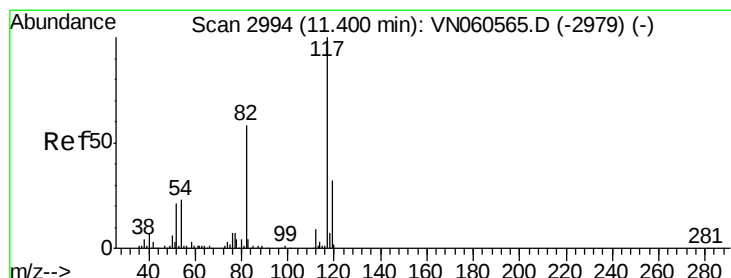
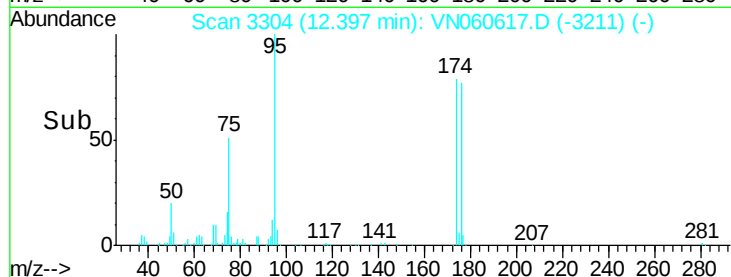
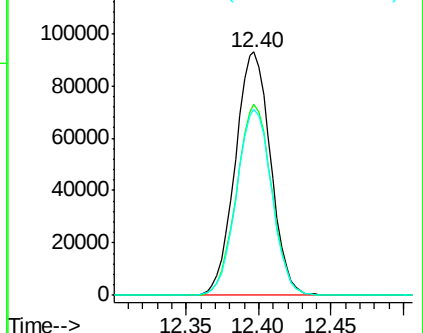
176 76.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060617.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060617.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060617.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

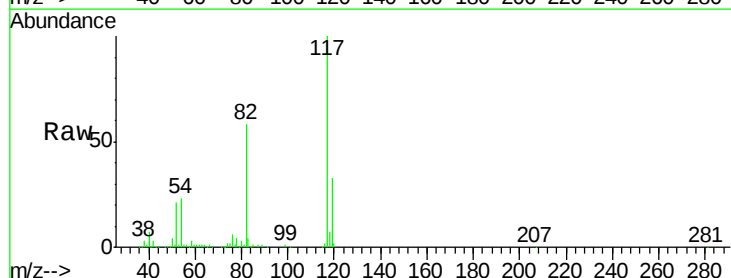
Tgt Ion: 117 Resp: 318943

Ion Ratio Lower Upper

117 100

82 58.1 46.7 70.1

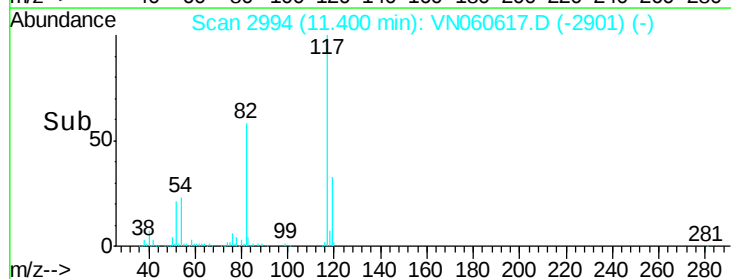
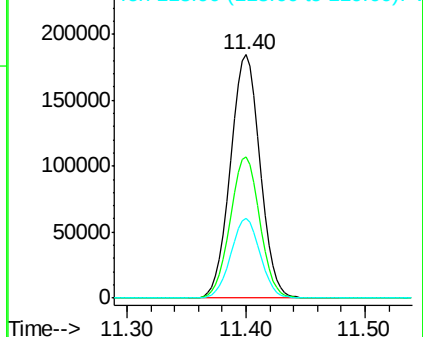
119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060617.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060617.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060617.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060617.D

Acq: 19 Mar 2020 1:51

Instrument :

MSVOA_N

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PB127624ZHE#11

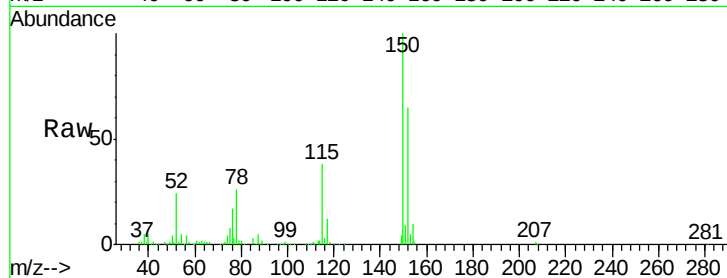
Tot Ion:152 Resp: 143327

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 157.6 0.0 350.2



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

