

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060031.D
 Acq On : 7 Feb 2020 15:01
 Operator : JC/MD
 Sample : PB126640ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640ZHE#05

Quant Time: Feb 07 23:55:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

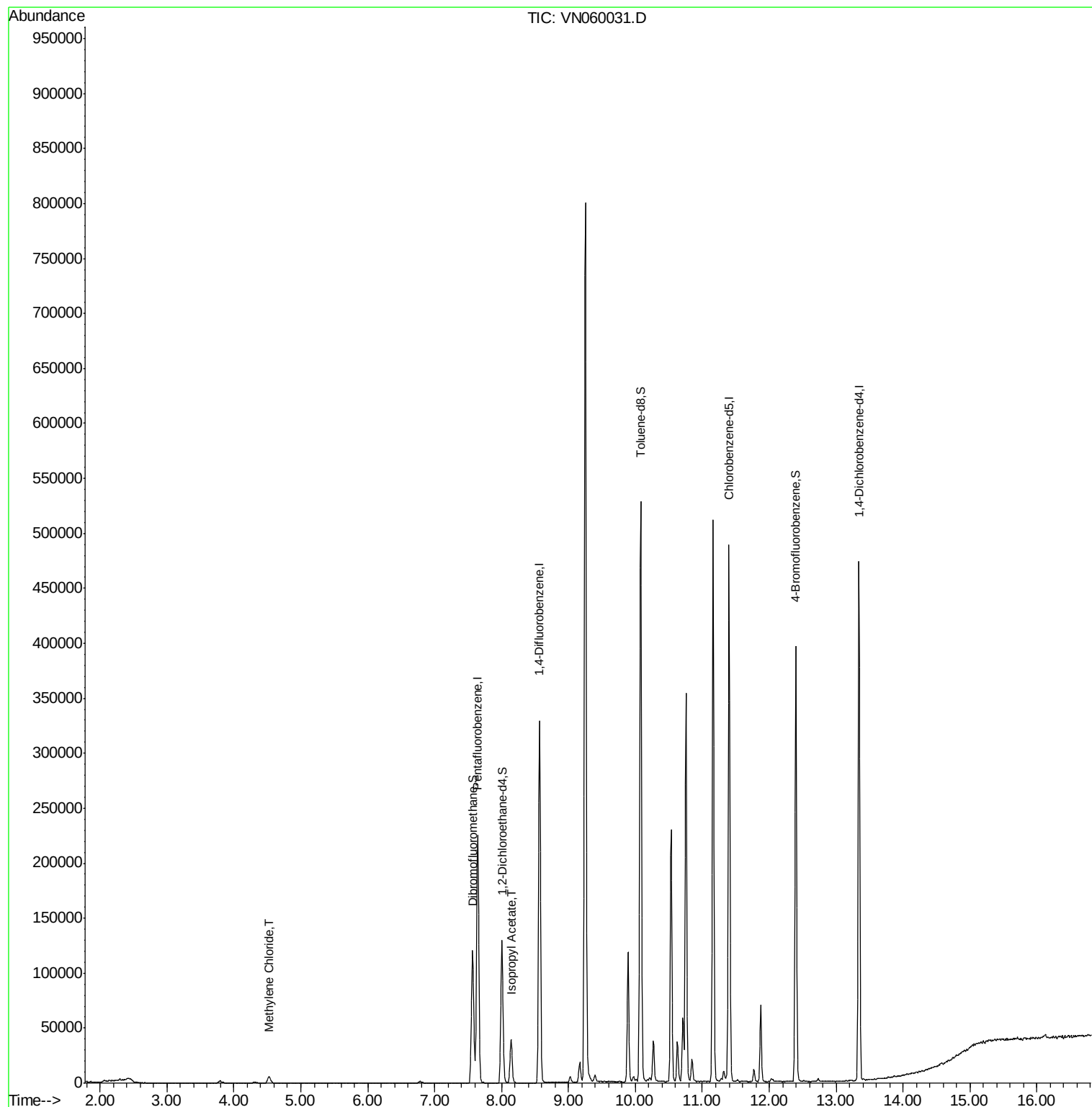
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	299242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112162	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
35) Dibromofluoromethane	7.57	113	92073	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	10.08	98	362933	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	133459	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
Target Compounds						
20) Methylene Chloride	4.52	84	5120	1.404	ug/l	89
43) Isopropyl Acetate	8.14	43	46559	11.075	ug/l #	91

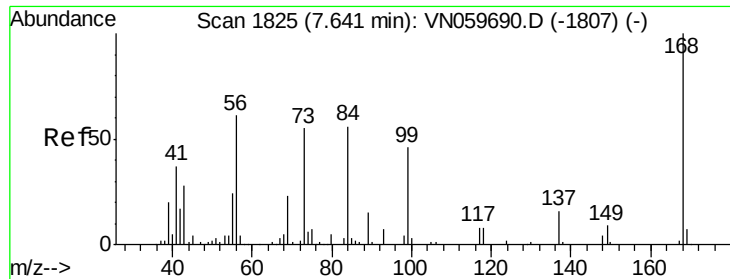
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

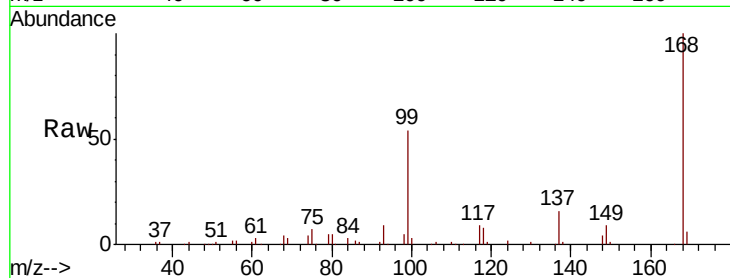
PB126640ZHE#05

Tot Ion:168 Resp: 191448

Ion Ratio Lower Upper

168 100

99 53.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

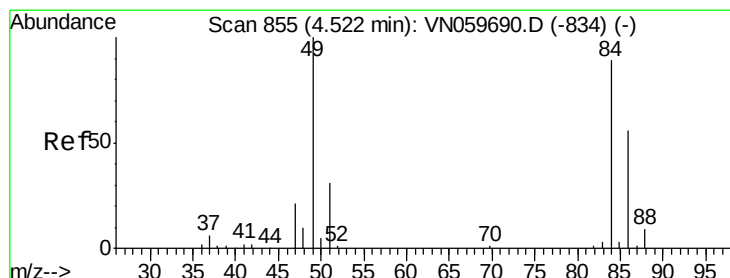
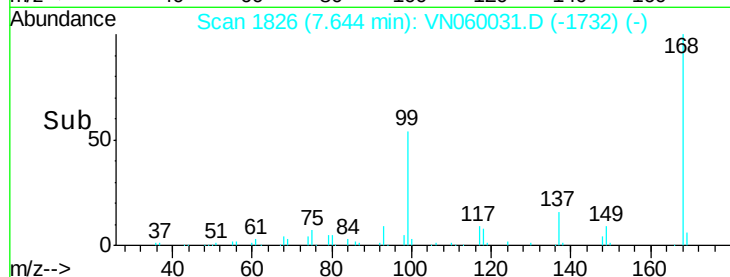
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.404 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

Tgt Ion: 84 Resp: 5120

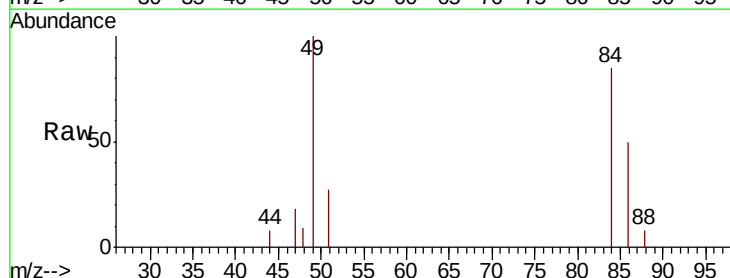
Ion Ratio Lower Upper

84 100

49 118.2 106.6 160.0

51 32.3 31.9 47.9

86 58.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

3000

2500

2000

1500

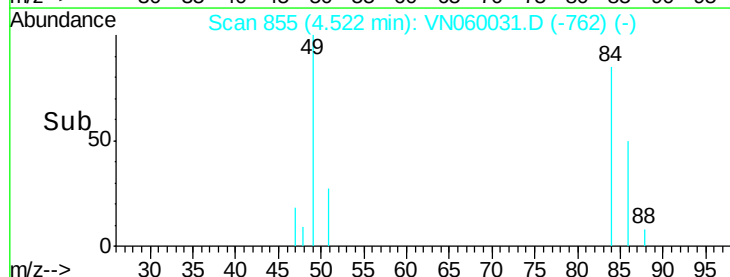
1000

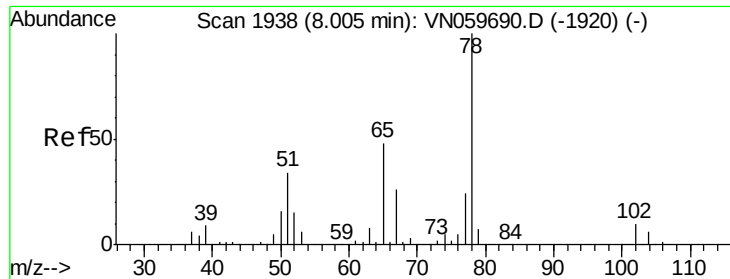
500

0

4.45 4.50 4.55 4.60

Time-->

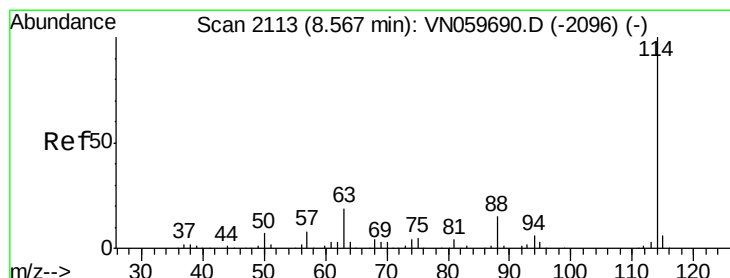
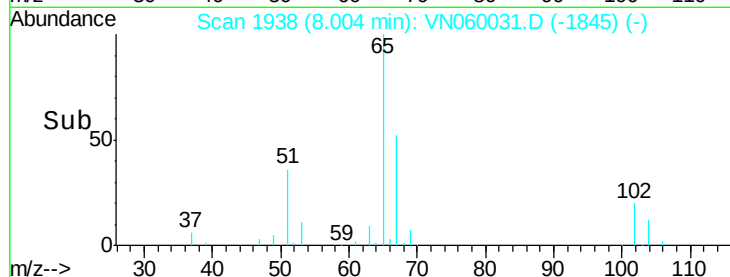
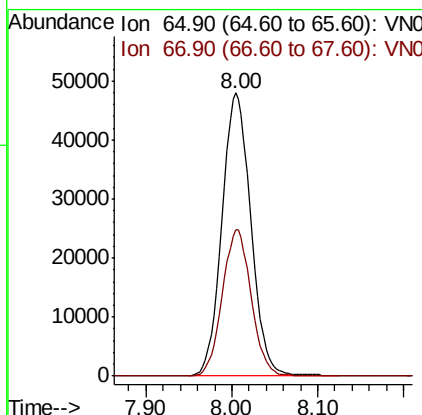
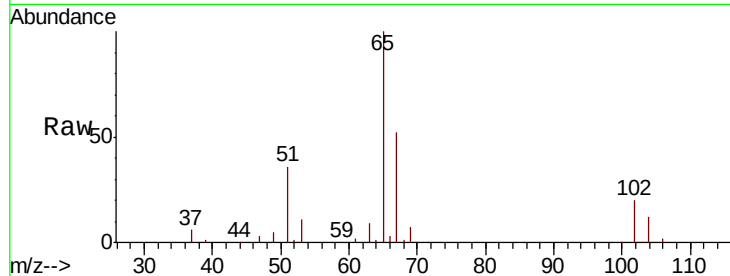




#33
 1,2-Dichloroethane-d4
 Concen: 52.755 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060031.D
 Acq: 7 Feb 2020 15:01

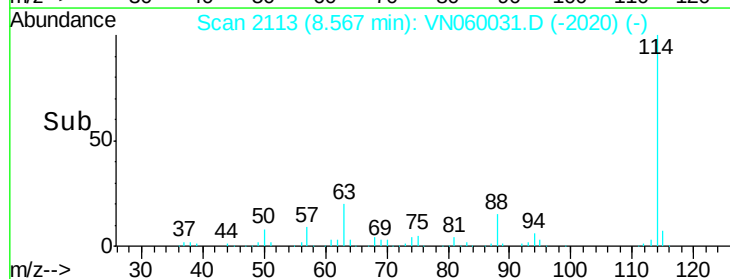
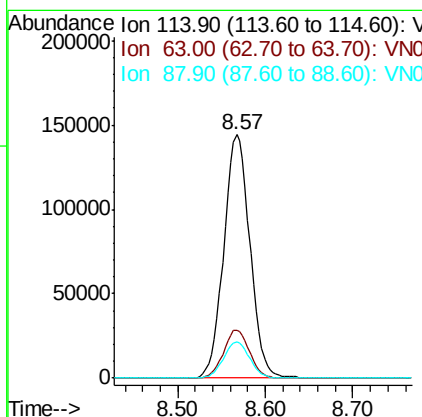
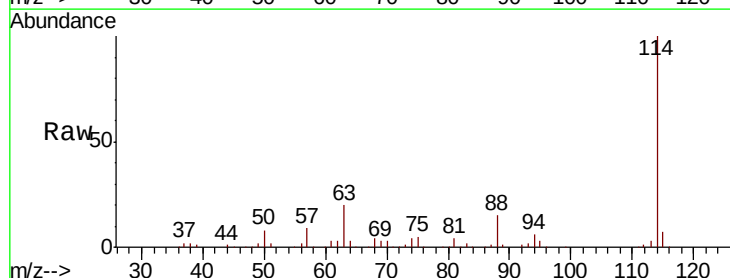
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640ZHE#05

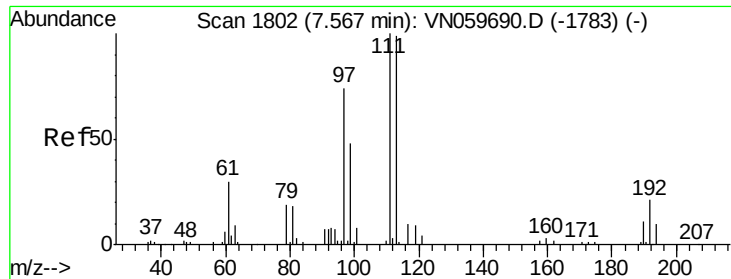
Tot Ion: 65 Resp: 112162
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060031.D
 Acq: 7 Feb 2020 15:01

Tgt Ion: 114 Resp: 299242
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.0 0.0 31.4

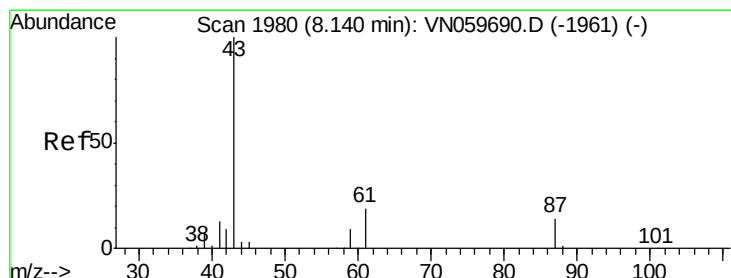
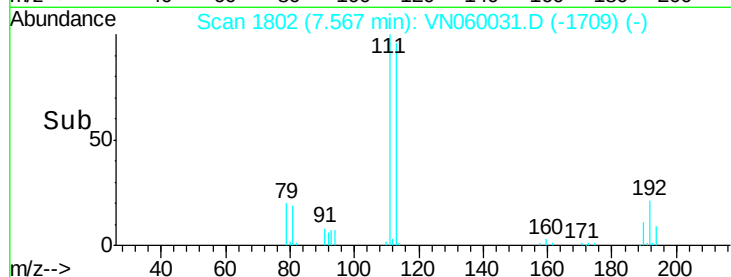
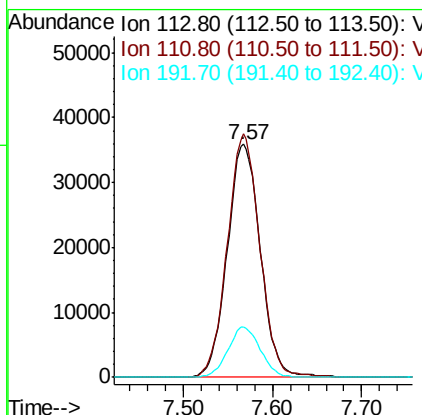
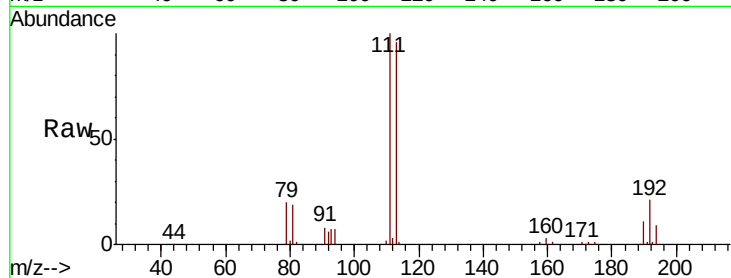




#35
 Dibromofluoromethane
 Concen: 51.596 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060031.D
 Acq: 7 Feb 2020 15:01

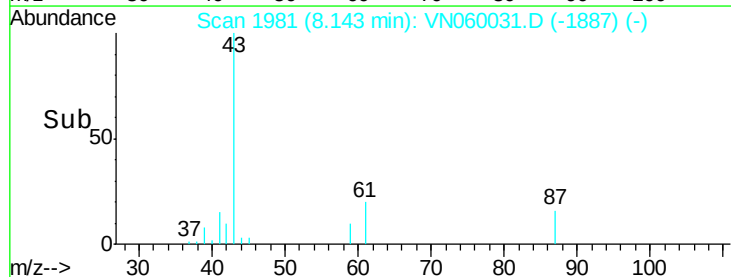
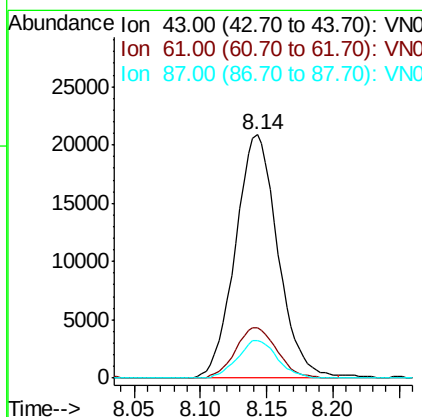
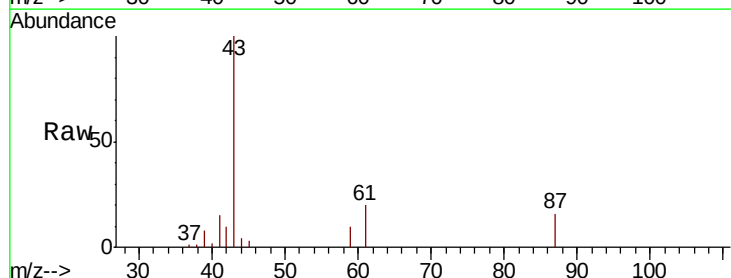
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640ZHE#05

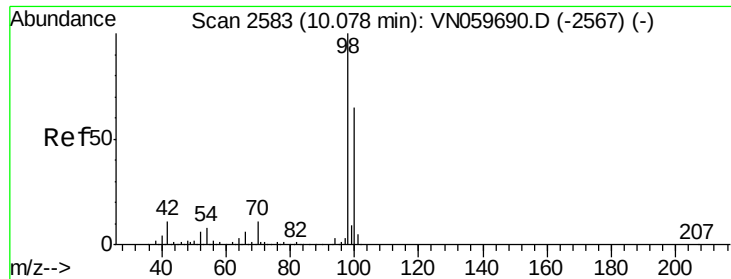
Tot Ion:113 Resp: 92073
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.5 125.3
 192 21.0 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 11.075 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060031.D
 Acq: 7 Feb 2020 15:01

Tgt Ion: 43 Resp: 46559
 Ion Ratio Lower Upper
 43 100
 61 20.1 20.2 30.2#
 87 14.4 9.5 14.3#





#50

Toluene-d8

Concen: 52.492 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

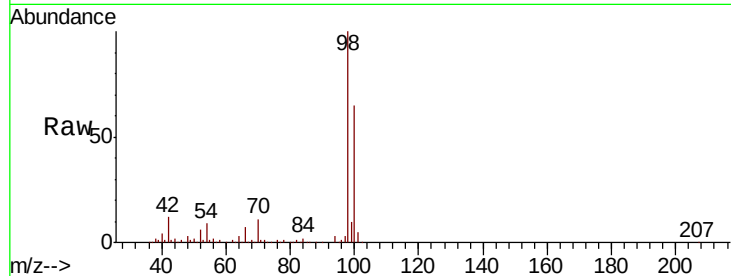
PB126640ZHE#05

Tot Ion: 98 Resp: 362933

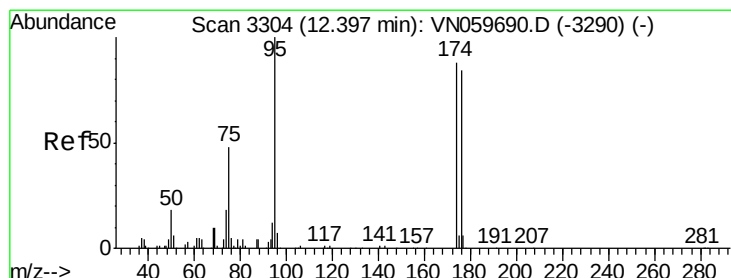
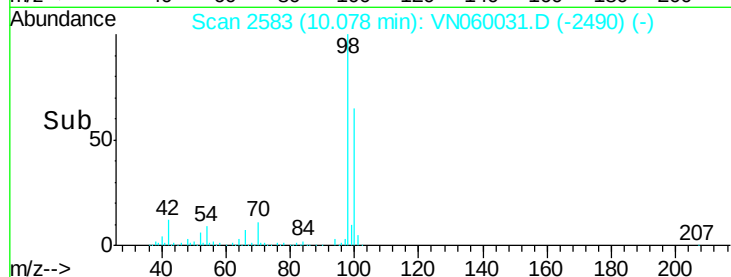
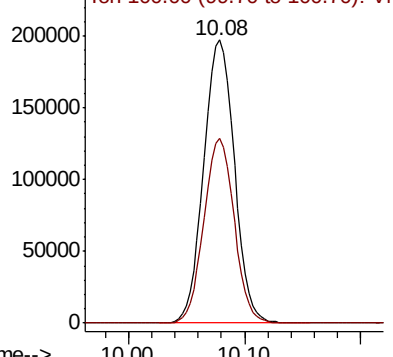
Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN060031.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 53.544 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

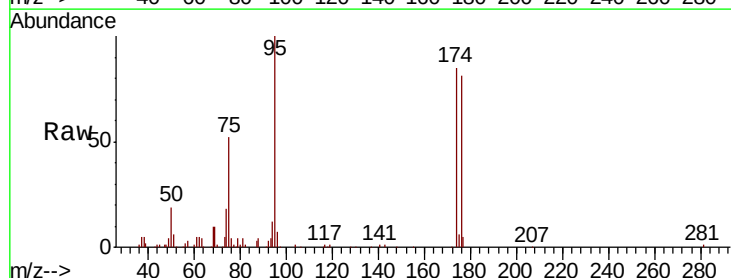
Tgt Ion: 95 Resp: 133459

Ion Ratio Lower Upper

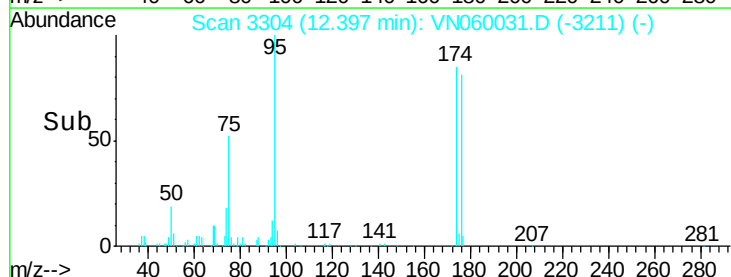
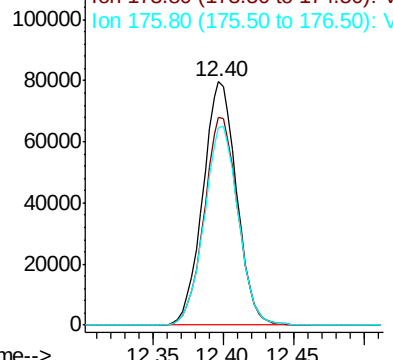
95 100

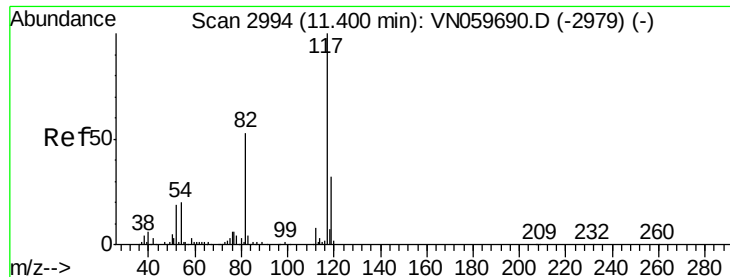
174 85.1 0.0 151.4

176 82.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060031.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB126640ZHE#05

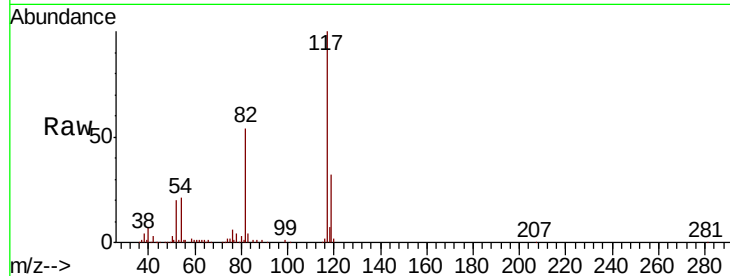
Tot Ion:117 Resp: 284367

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

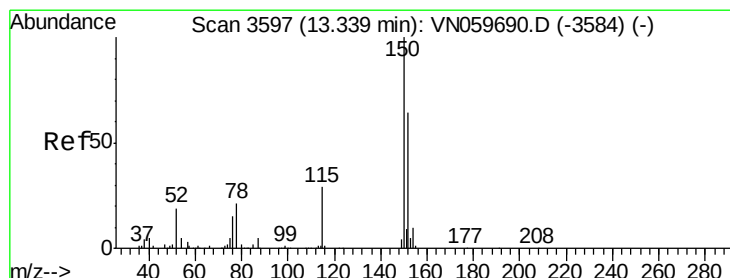
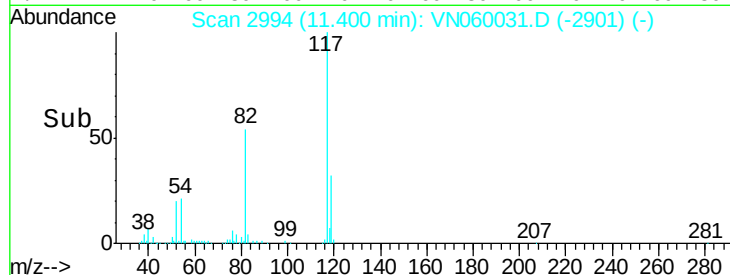
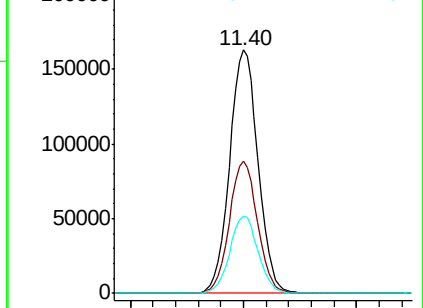
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060031.D

Acq: 7 Feb 2020 15:01

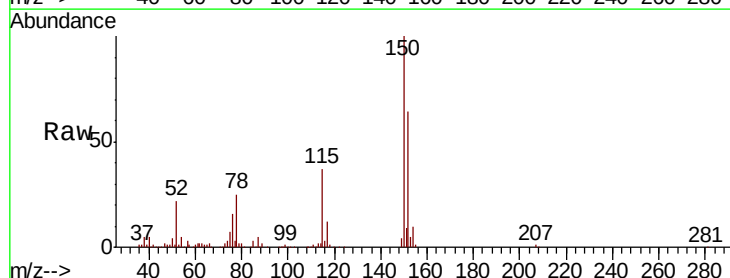
Tgt Ion:152 Resp: 129538

Ion Ratio Lower Upper

152 100

115 59.0 30.3 90.9

150 156.7 0.0 345.2



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

