

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060087.D
 Acq On : 13 Feb 2020 12:20
 Operator : JC/MD
 Sample : PB126782TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782TB

Quant Time: Feb 14 05:32:32 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

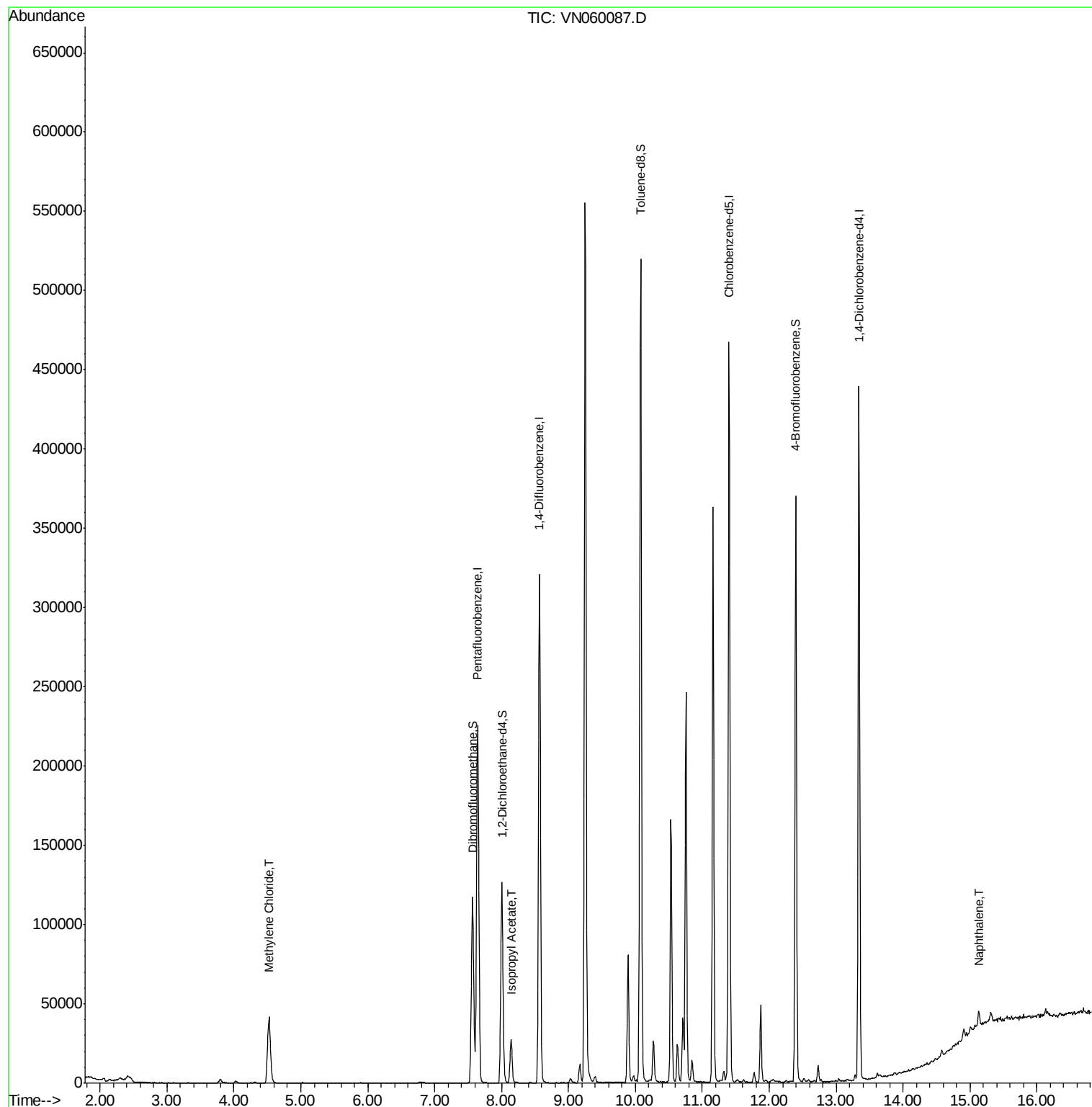
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109562	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
35) Dibromofluoromethane	7.57	113	89483	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.08	98	358387	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	126142	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
Target Compounds						
20) Methylene Chloride	4.53	84	32761	16.153	ug/l	98
43) Isopropyl Acetate	8.14	43	32005	7.534	ug/l #	91
95) Naphthalene	15.13	128	8949	1.472	ug/l	99

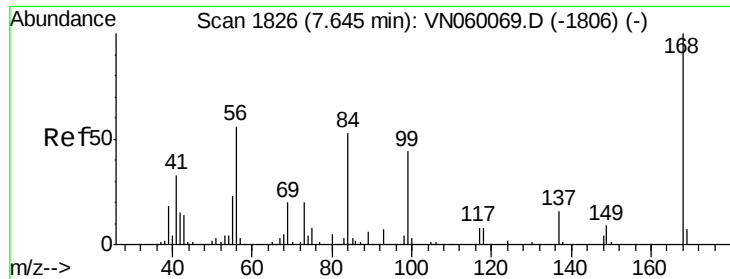
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 14 05:32:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060087.D

Acq: 13 Feb 2020 12:20

Instrument :

MSVOA_N

ClientSampled :

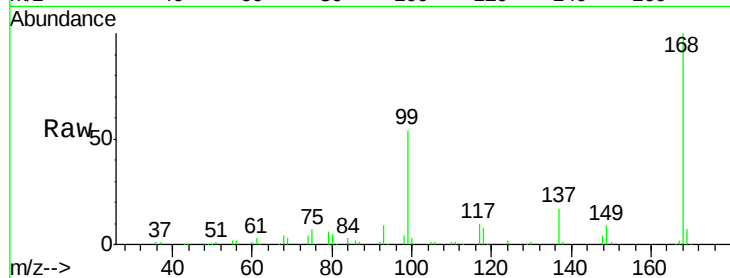
PB126782TB

Tot Ion:168 Resp: 191535

Ion Ratio Lower Upper

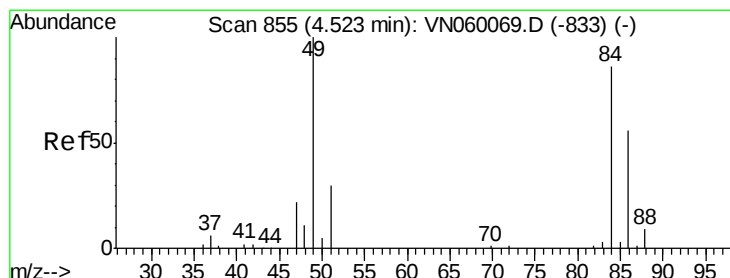
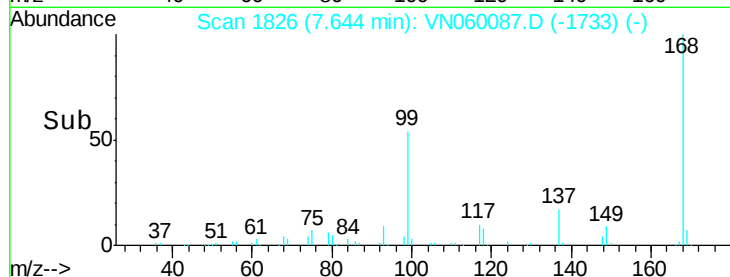
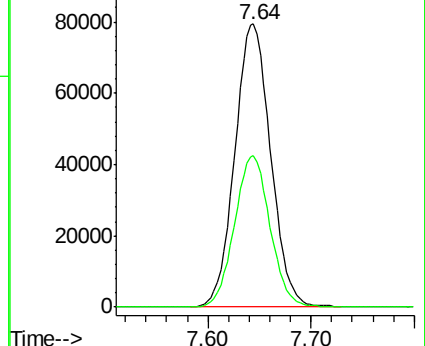
168 100

99 53.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 16.153 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

Tgt Ion: 84 Resp: 32761

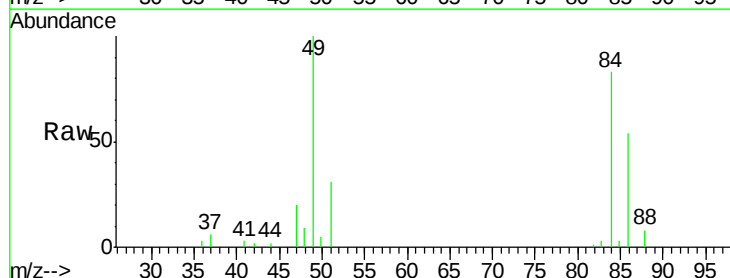
Ion Ratio Lower Upper

84 100

49 120.1 93.4 140.0

51 37.2 28.4 42.6

86 64.8 52.5 78.7

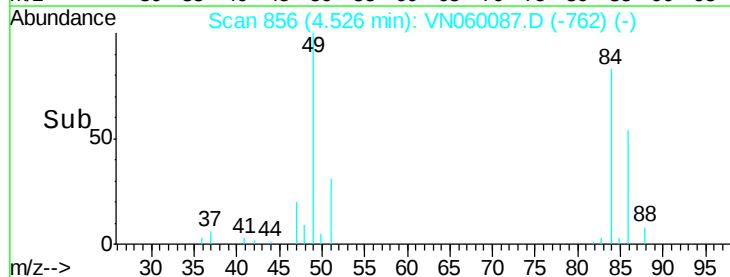
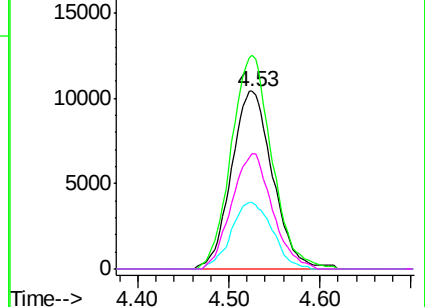


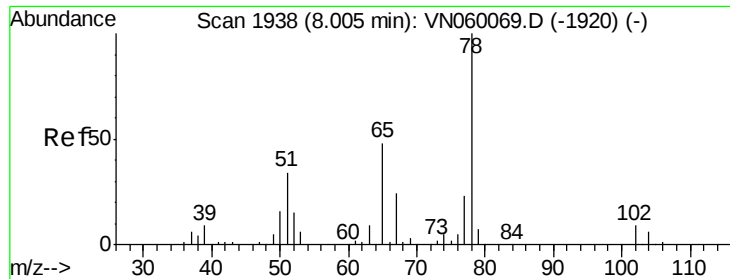
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 47.009 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

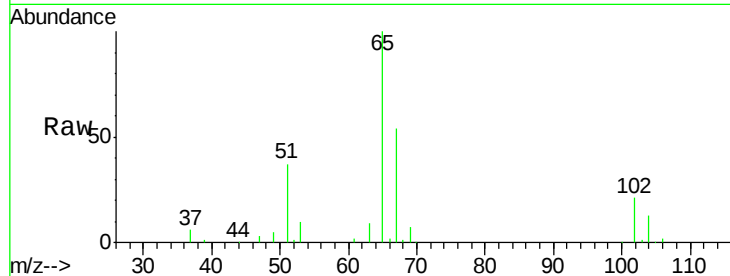
PB126782TB

Tot Ion: 65 Resp: 109562

Ion Ratio Lower Upper

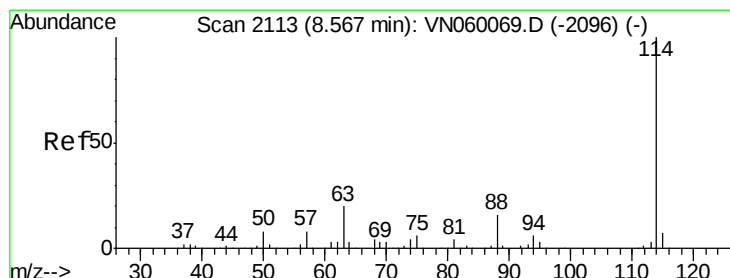
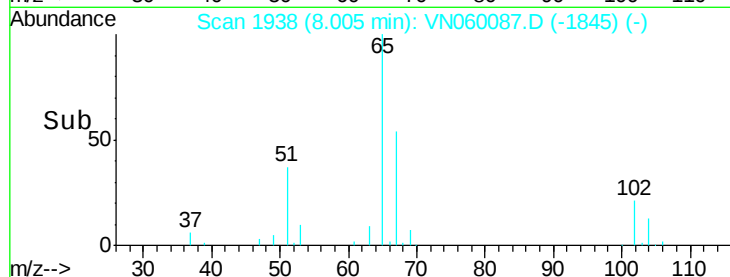
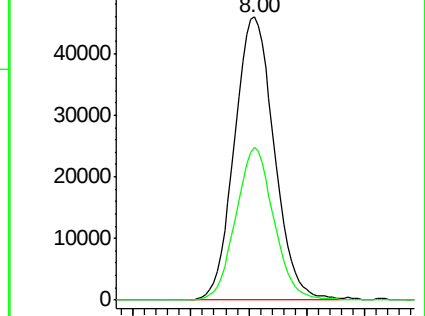
65 100

67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN060069.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060069.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

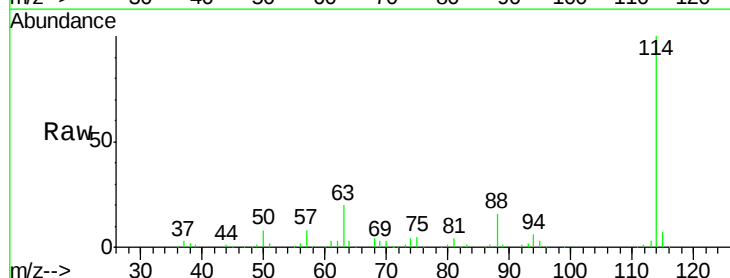
Tgt Ion: 114 Resp: 296859

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

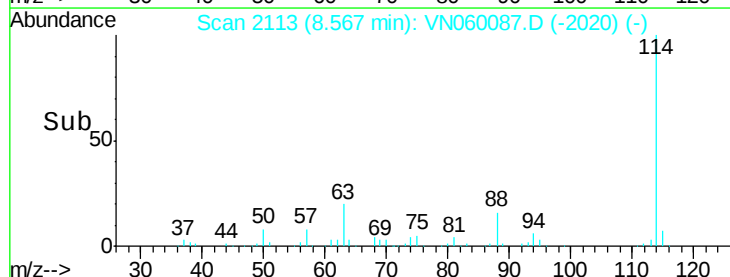
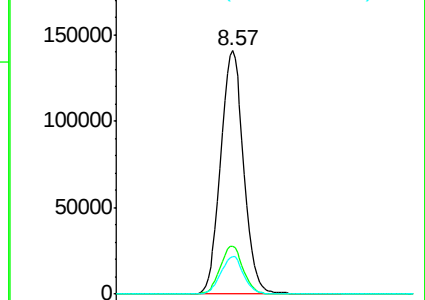
88 15.6 0.0 31.6

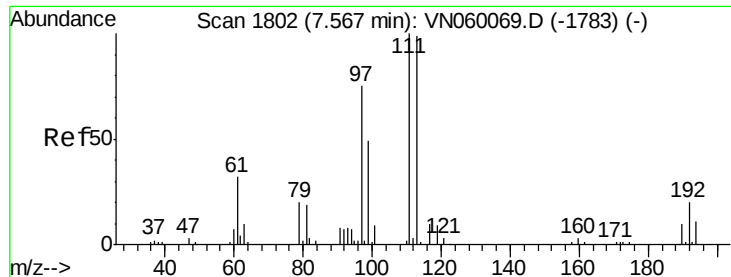


Abundance Ion 113.90 (113.60 to 114.60): VN060069.D (-2096) (-)

Ion 63.00 (62.70 to 63.70): VN060069.D (-2096) (-)

Ion 87.90 (87.60 to 88.60): VN060069.D (-2096) (-)

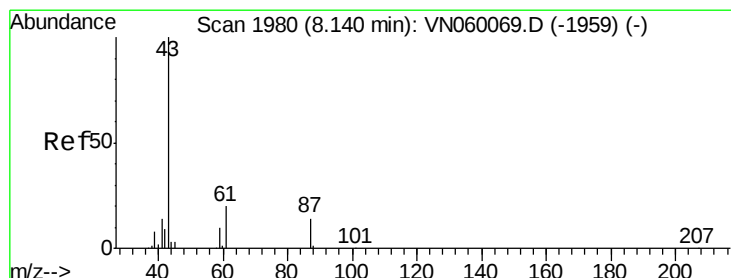
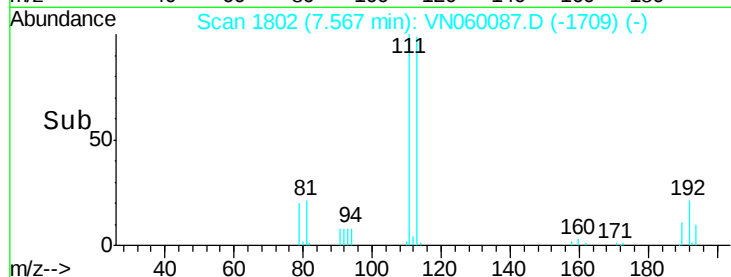
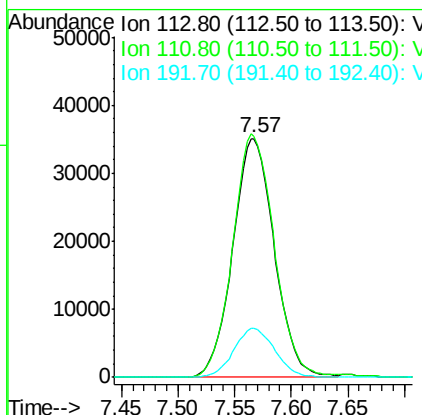
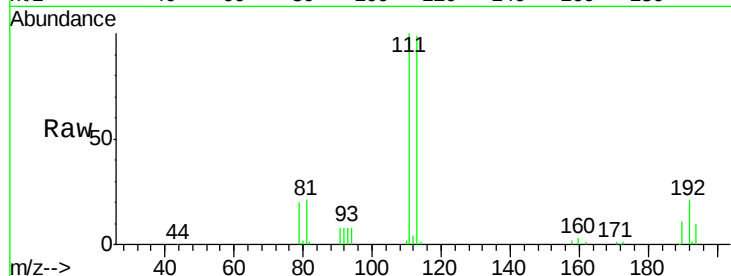




#35
 Dibromofluoromethane
 Concen: 49.037 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060087.D
 Acq: 13 Feb 2020 12:20

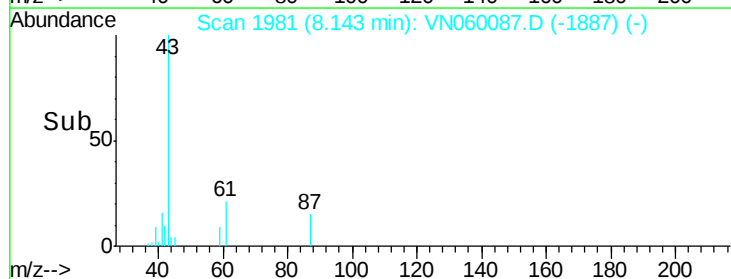
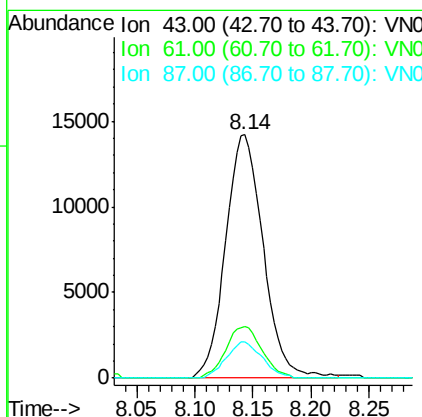
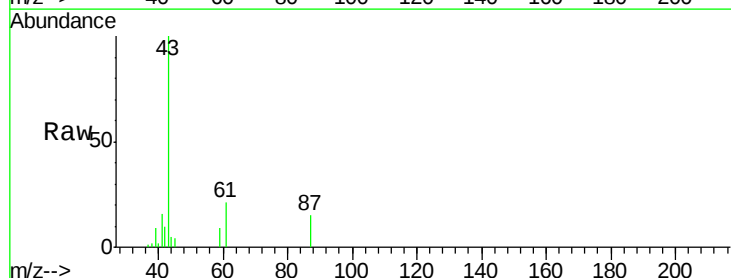
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782TB

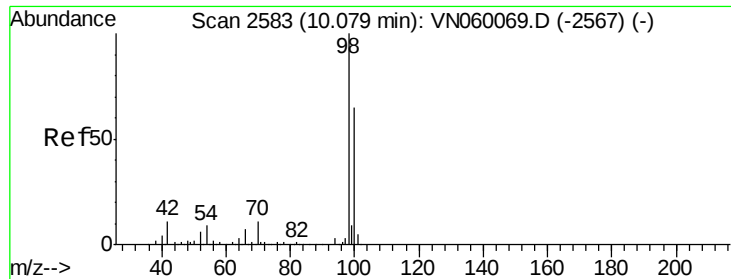
Tot Ion:113 Resp: 89483
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 20.4 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 7.534 ug/l
 RT: 8.14 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: VN060087.D
 Acq: 13 Feb 2020 12:20

Tgt Ion: 43 Resp: 32005
 Ion Ratio Lower Upper
 43 100
 61 20.3 21.8 32.6#
 87 14.2 11.4 17.2





#50

Toluene-d8

Concen: 49.873 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

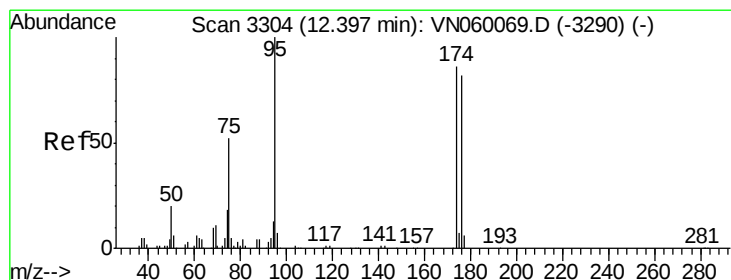
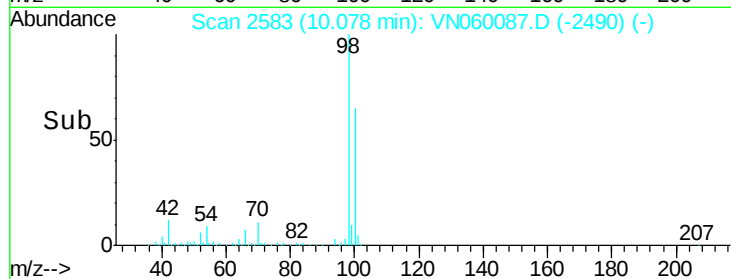
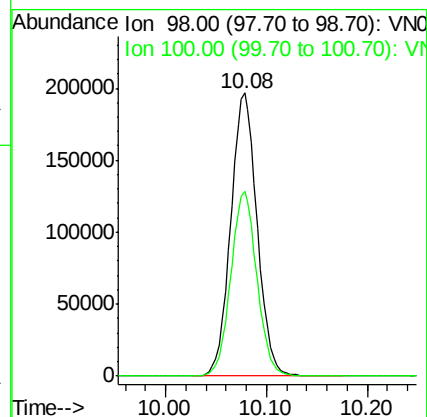
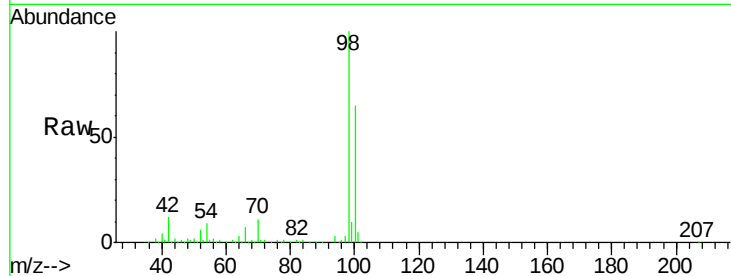
PB126782TB

Tot Ion: 98 Resp: 358387

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.772 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

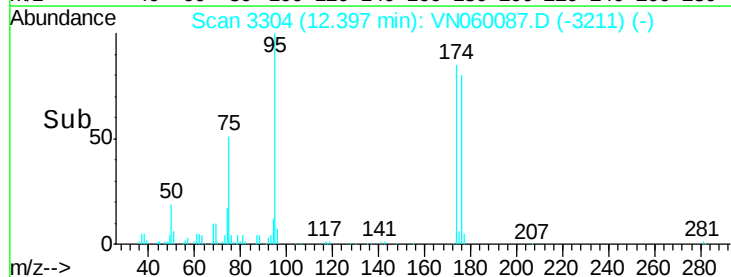
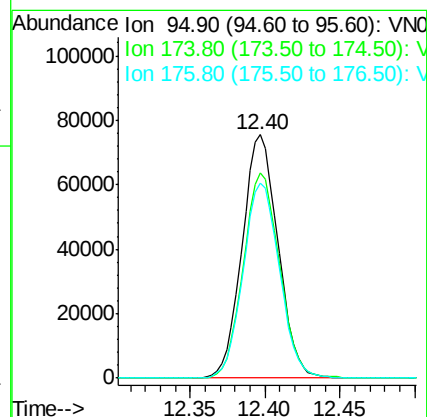
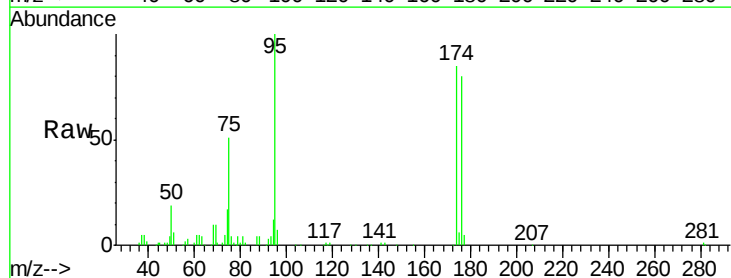
Tgt Ion: 95 Resp: 126142

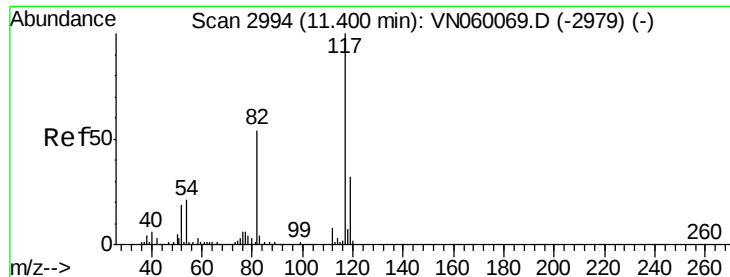
Ion Ratio Lower Upper

95 100

174 85.2 0.0 169.8

176 81.4 0.0 164.8

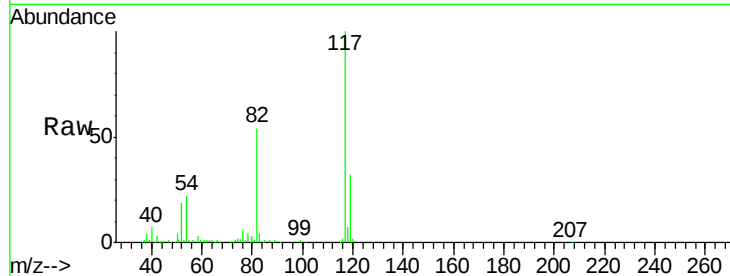




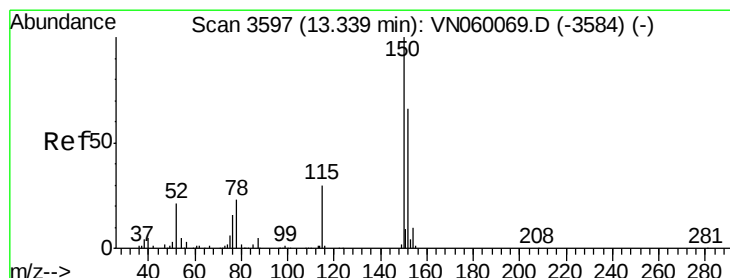
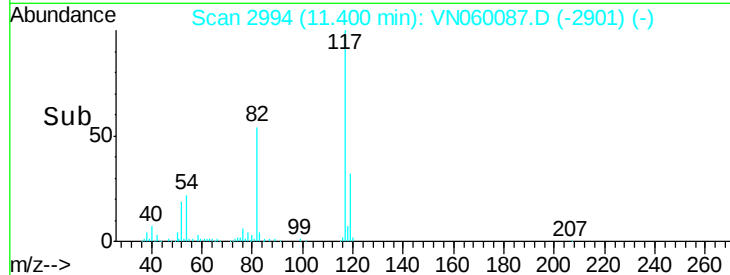
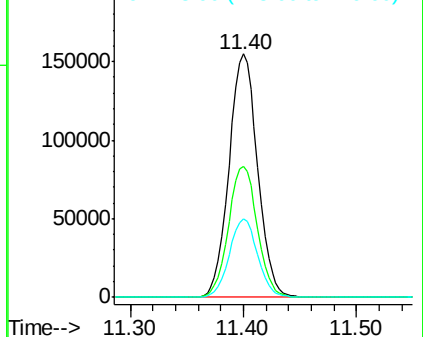
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060087.D
Acq: 13 Feb 2020 12:20

Instrument :
MSVOA_N
ClientSampled :
PB126782TB

Tot Ion:117 Resp: 272472
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.0 25.8 38.6

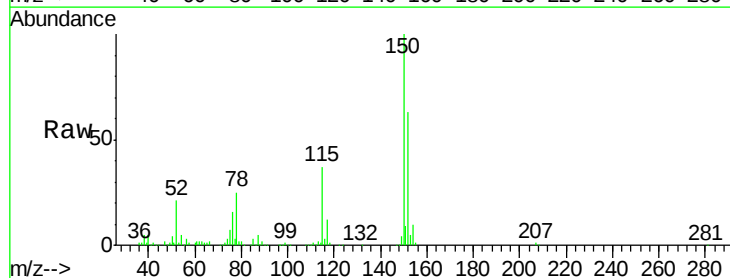


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

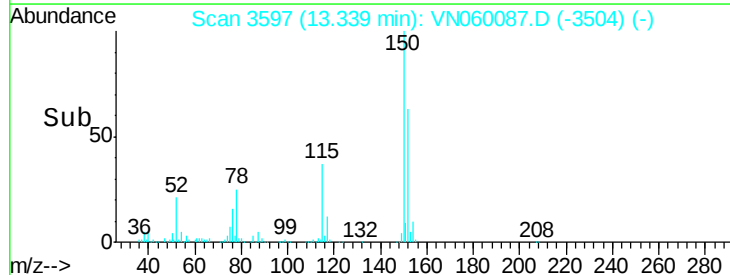
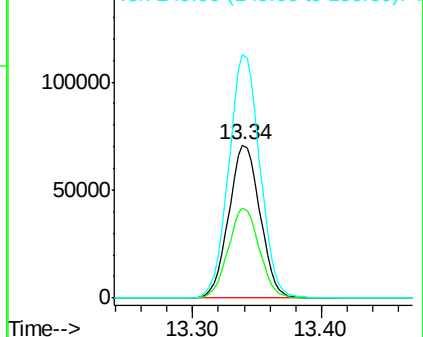


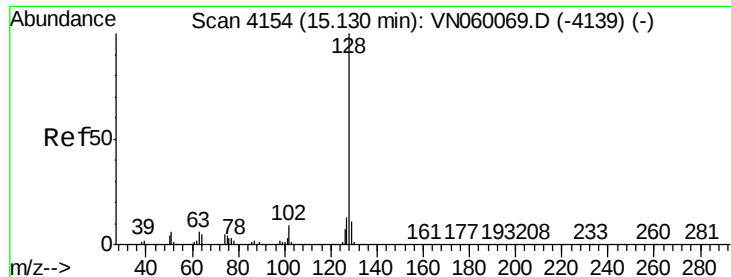
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060087.D
Acq: 13 Feb 2020 12:20

Tgt Ion:152 Resp: 119349
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 157.7 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





#95

Naphthalene

Concen: 1.472 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060087.D

Acq: 13 Feb 2020 12:20

Instrument :

MSVOA_N

ClientSampleId :

PB126782TB

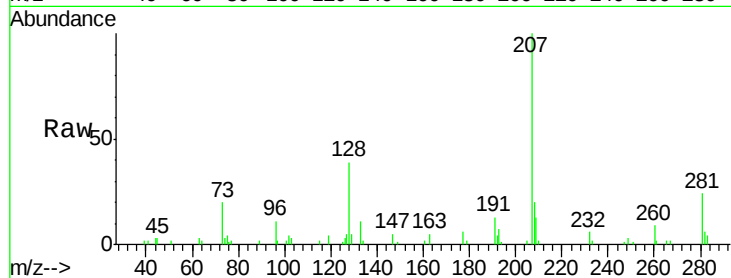
Tot Ion:128 Resp: 8949

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

