

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059857.D
 Acq On : 24 Jan 2020 19:48
 Operator : JC/MD
 Sample : PB126303ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#06

Quant Time: Jan 25 02:10:34 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

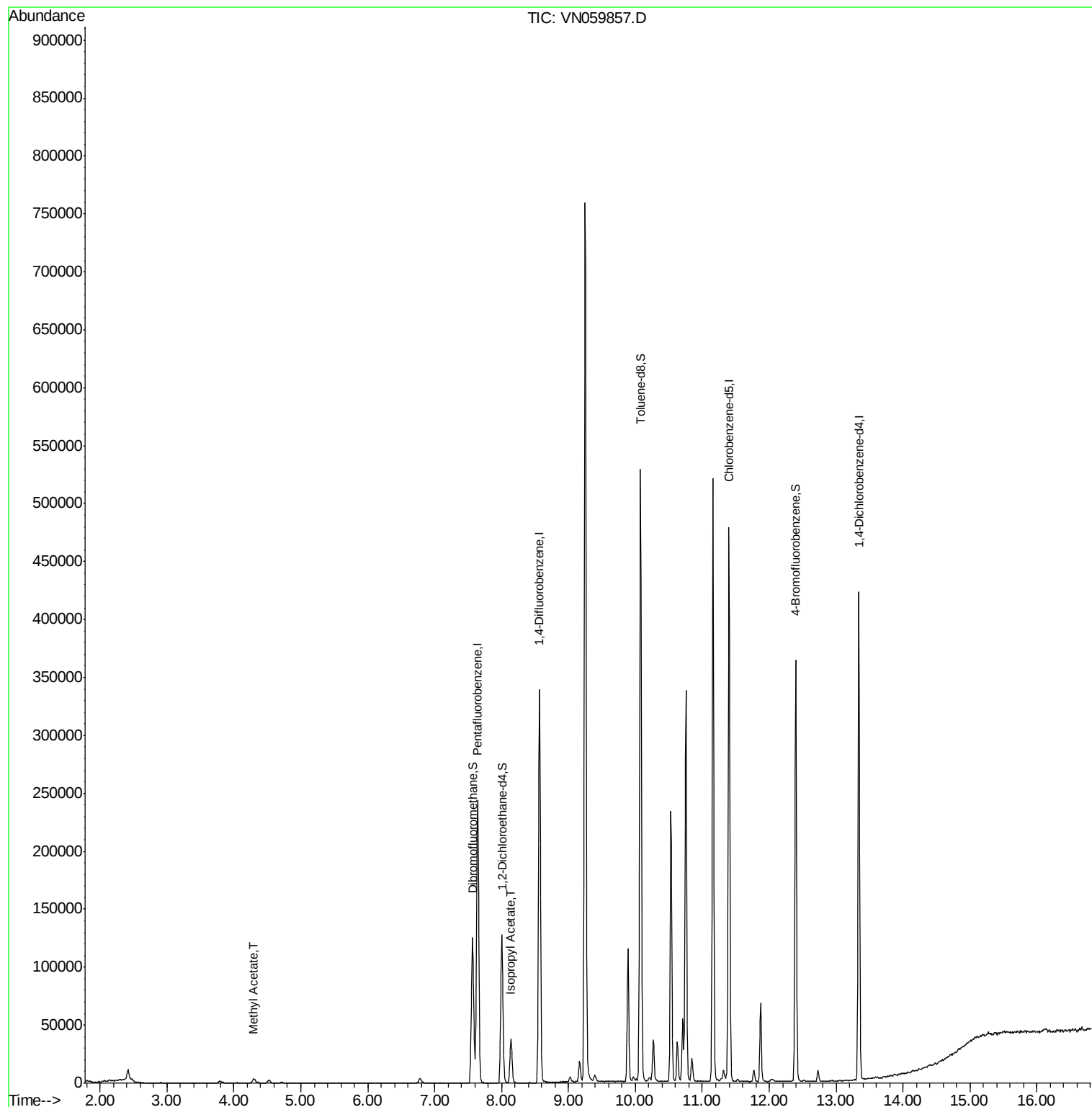
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	281299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111199	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	7.57	113	95145	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.08	98	370201	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.40	95	123261	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
18) Methyl Acetate	4.29	43	7706	2.851	ug/l	98
43) Isopropyl Acetate	8.14	43	44551	10.112	ug/l #	90

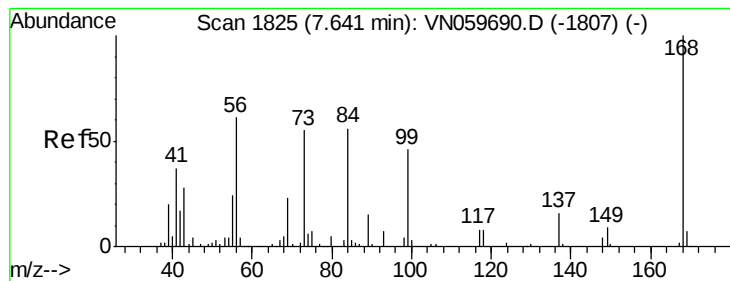
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059857.D

Acq: 24 Jan 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

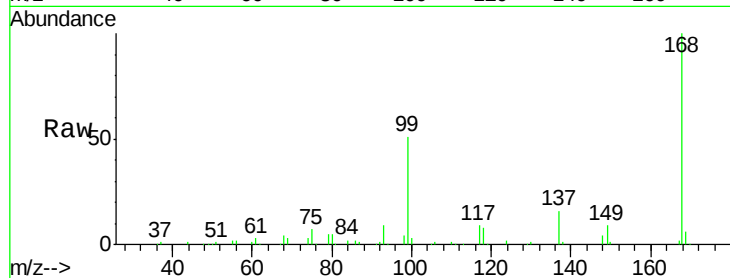
PB126303ZHE#06

Tot Ion:168 Resp: 208377

Ion Ratio Lower Upper

168 100

99 50.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

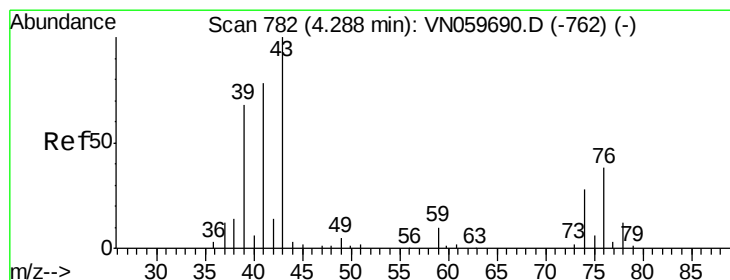
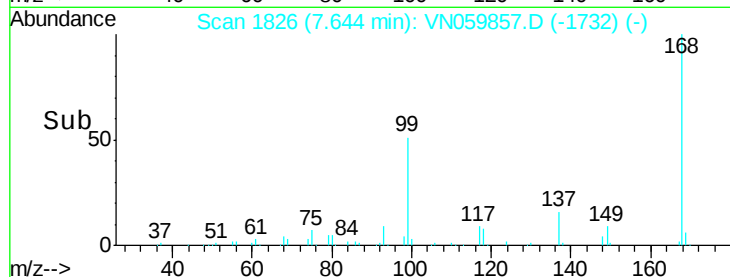
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.851 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059857.D

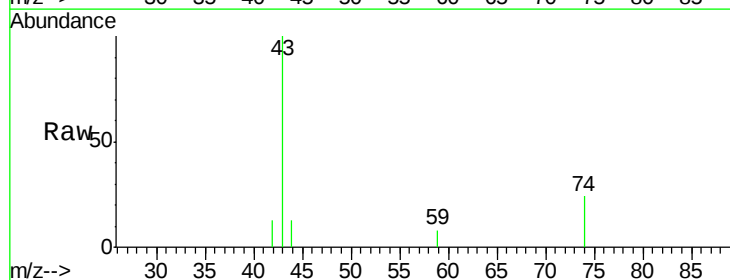
Acq: 24 Jan 2020 19:48

Tgt Ion: 43 Resp: 7706

Ion Ratio Lower Upper

43 100

74 21.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.29

2500

2000

1500

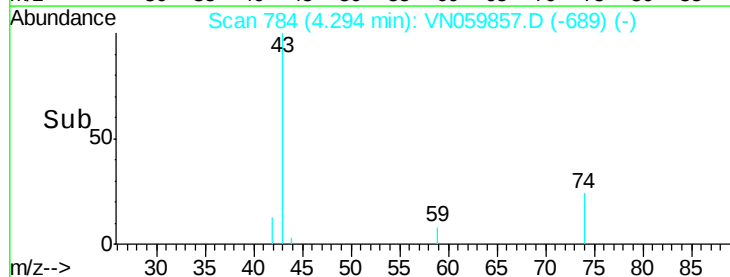
1000

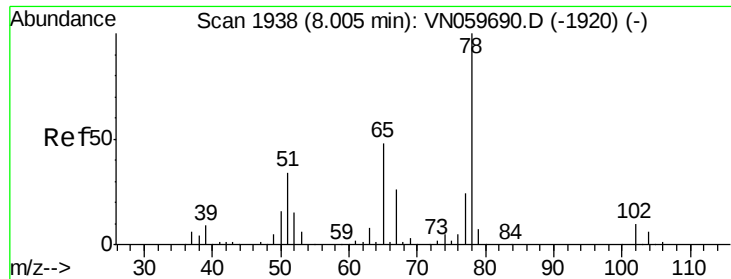
500

0

4.20 4.30 4.40

Time-->

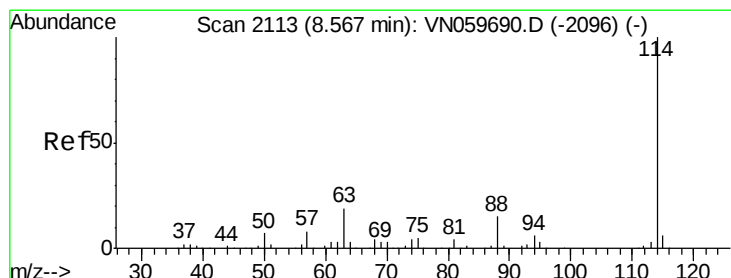
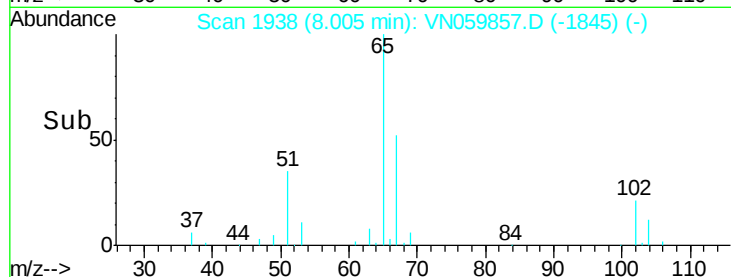
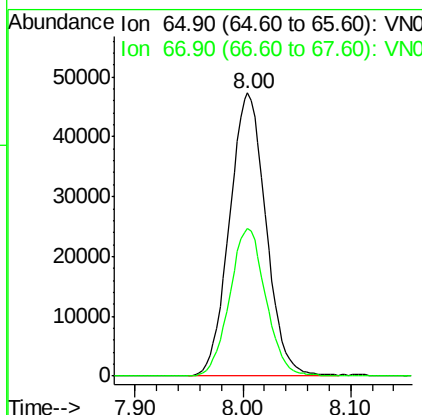
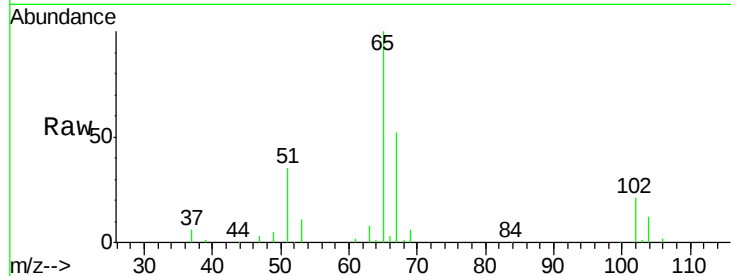




#33
 1,2-Dichloroethane-d4
 Concen: 48.053 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059857.D
 Acq: 24 Jan 2020 19:48

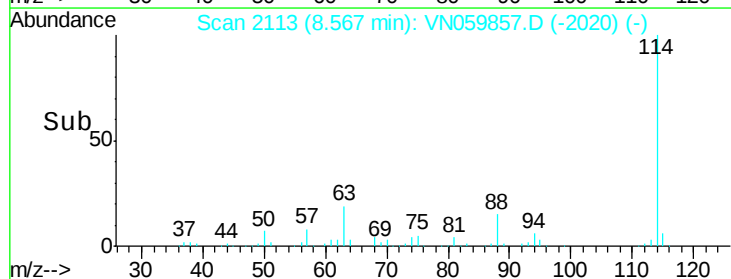
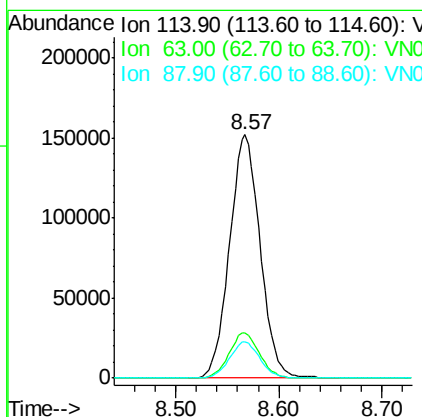
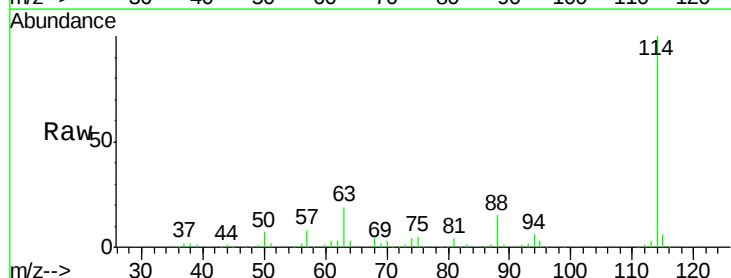
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#06

Tot Ion: 65 Resp: 111199
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VN059857.D
 Acq: 24 Jan 2020 19:48

Tgt Ion: 114 Resp: 313609
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.2 0.0 31.4

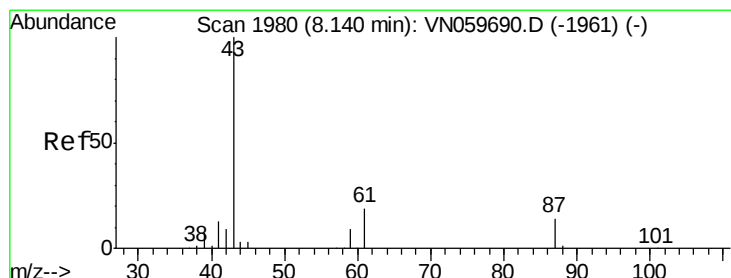
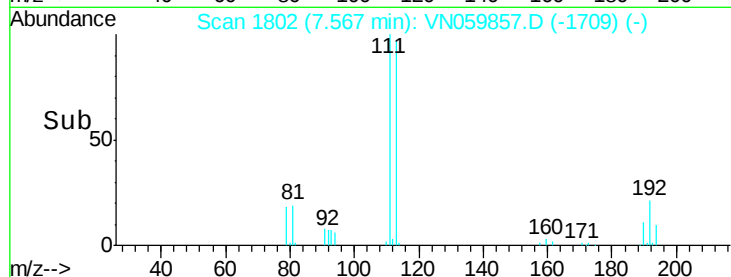
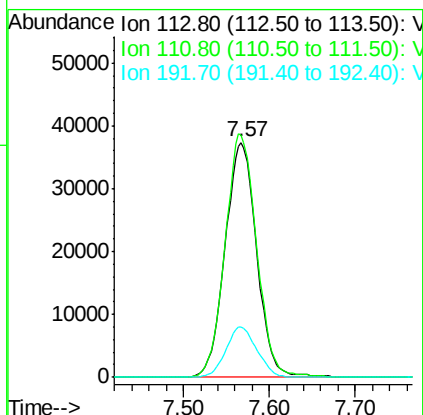
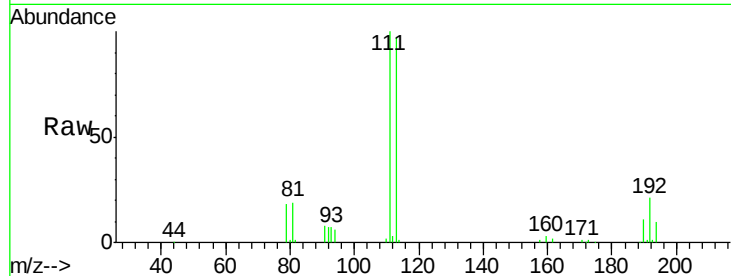




#35
 Dibromofluoromethane
 Concen: 50.875 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059857.D
 Acq: 24 Jan 2020 19:48

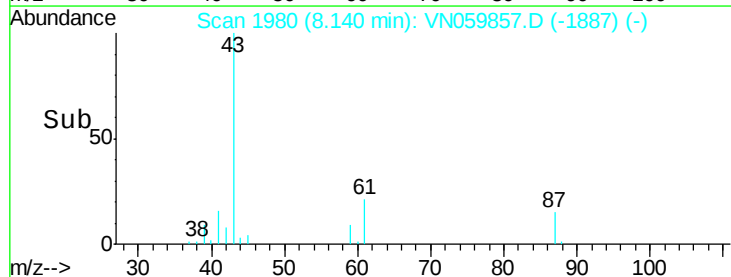
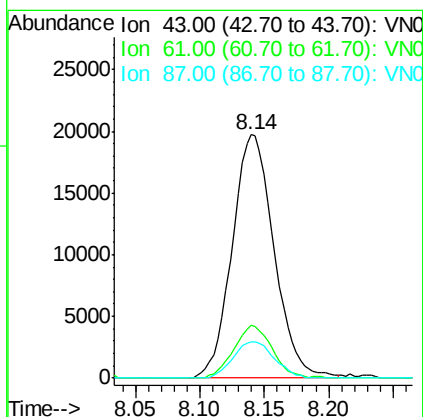
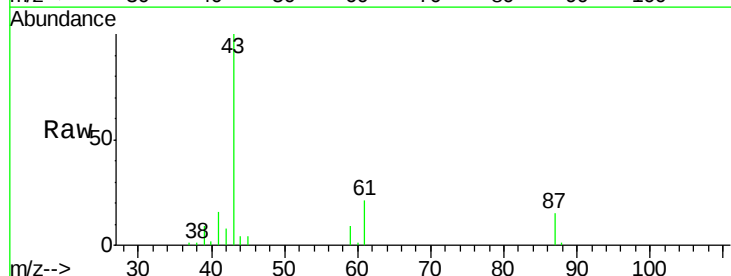
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#06

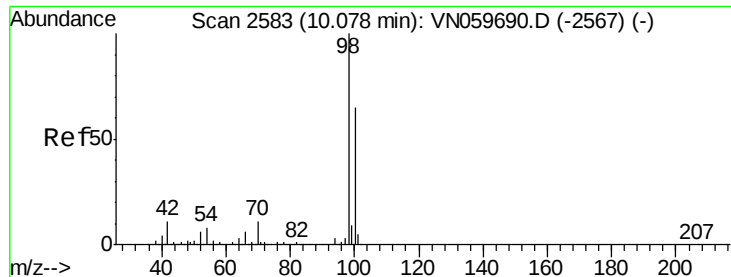
Tot Ion:113 Resp: 95145
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.5 125.3
 192 20.8 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 10.112 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059857.D
 Acq: 24 Jan 2020 19:48

Tgt Ion: 43 Resp: 44551
 Ion Ratio Lower Upper
 43 100
 61 19.6 20.2 30.2#
 87 14.5 9.5 14.3#





#50

Toluene-d8

Concen: 51.090 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059857.D

Acq: 24 Jan 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

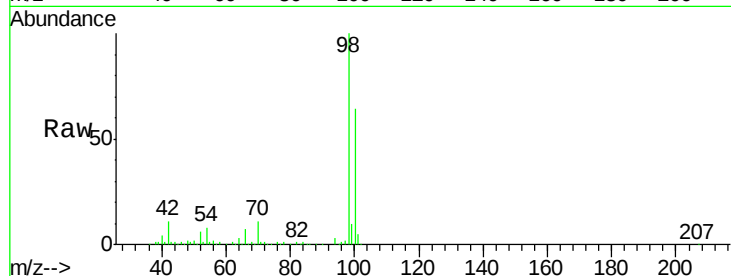
PB126303ZHE#06

Tot Ion: 98 Resp: 370201

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

200000

150000

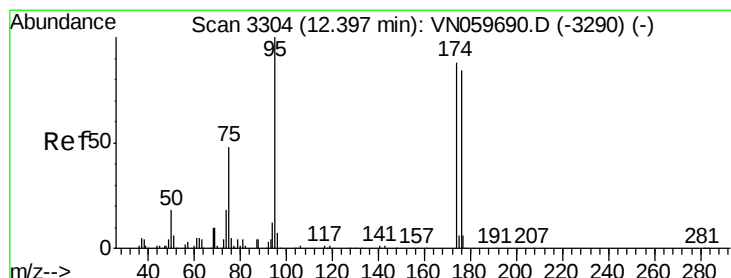
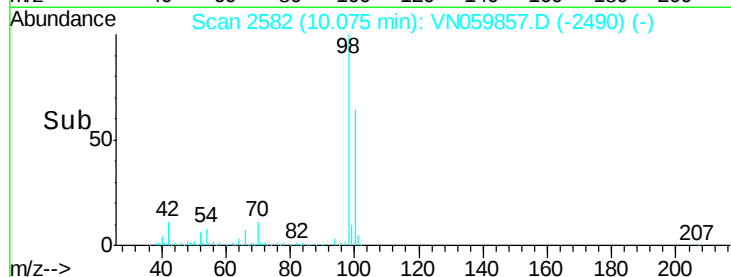
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 47.187 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059857.D

Acq: 24 Jan 2020 19:48

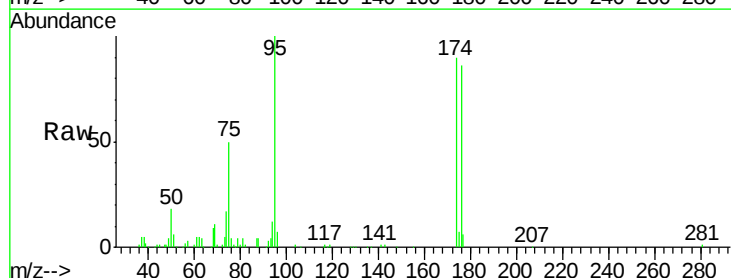
Tgt Ion: 95 Resp: 123261

Ion Ratio Lower Upper

95 100

174 88.9 0.0 151.4

176 85.7 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

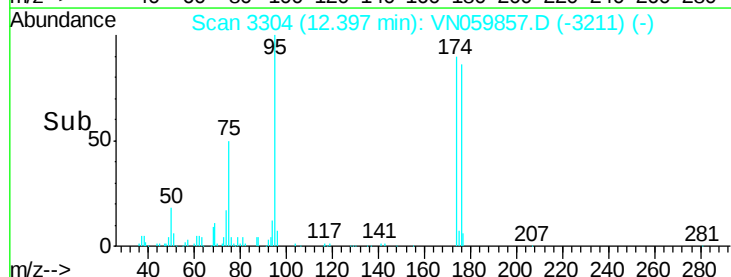
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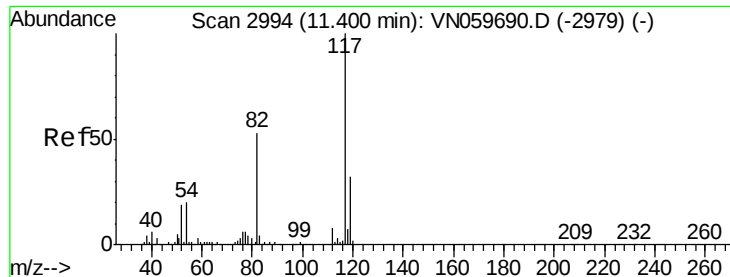
20000

0

Time-->

12.30 12.40 12.50

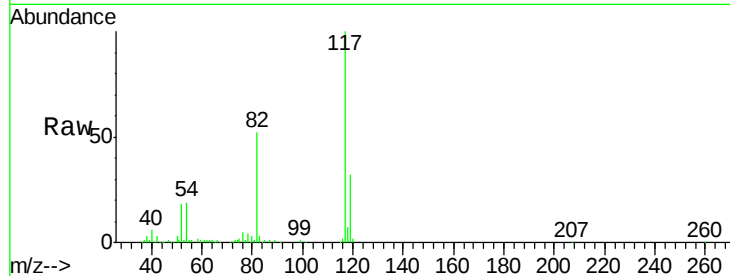




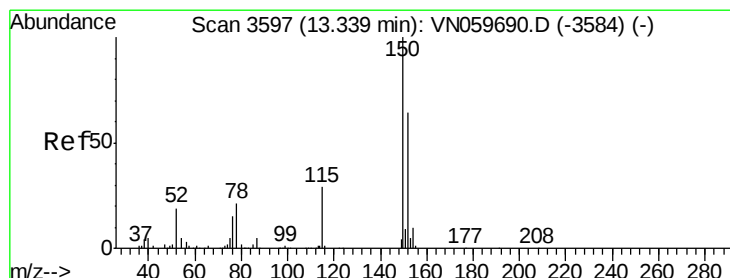
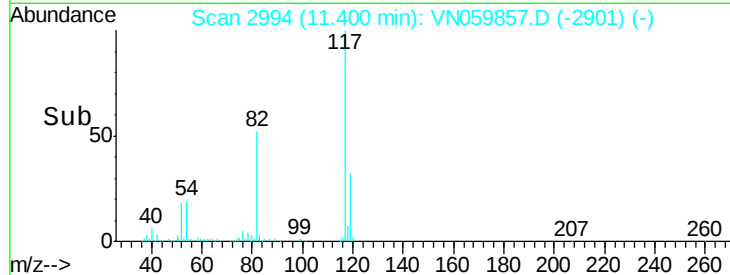
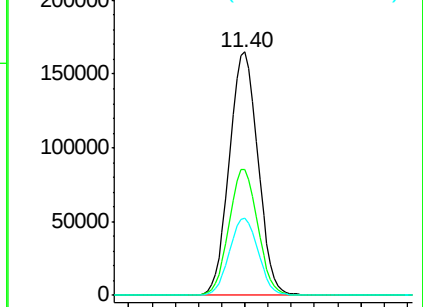
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059857.D
Acq: 24 Jan 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
PB126303ZHE#06

Tot Ion:117 Resp: 281299
Ion Ratio Lower Upper
117 100
82 51.6 45.9 68.9
119 31.7 25.5 38.3

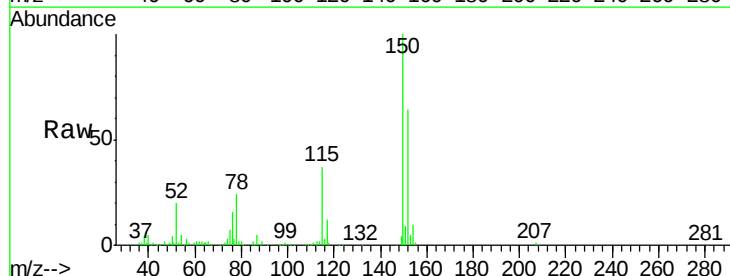


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059857.D
Acq: 24 Jan 2020 19:48

Tgt Ion:152 Resp: 113329
Ion Ratio Lower Upper
152 100
115 57.6 30.3 90.9
150 157.6 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

