

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059852.D
 Acq On : 24 Jan 2020 17:51
 Operator : JC/MD
 Sample : PB126303ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#01

Quant Time: Jan 25 01:27:00 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

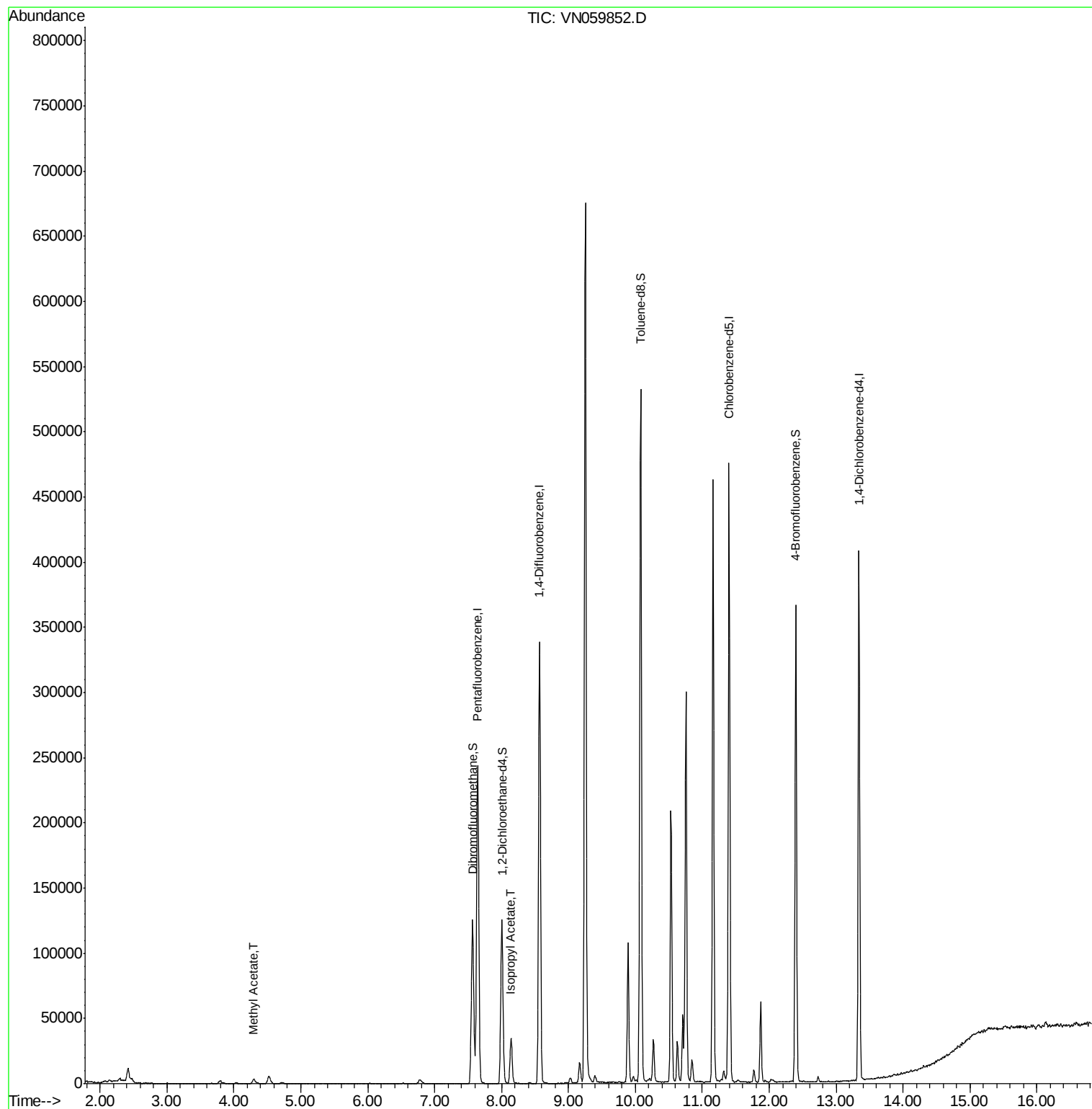
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	284098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109932	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
35) Dibromofluoromethane	7.57	113	95448	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.08	98	374492	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	123620	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
Target Compounds						
18) Methyl Acetate	4.29	43	6705	2.465	ug/l	Qvalue 100
43) Isopropyl Acetate	8.14	43	41606	9.266	ug/l #	91

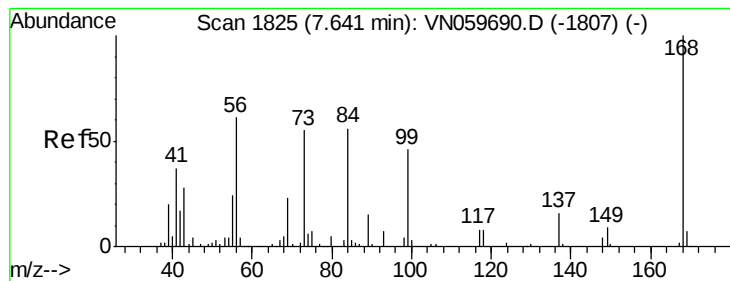
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059852.D

Acq: 24 Jan 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

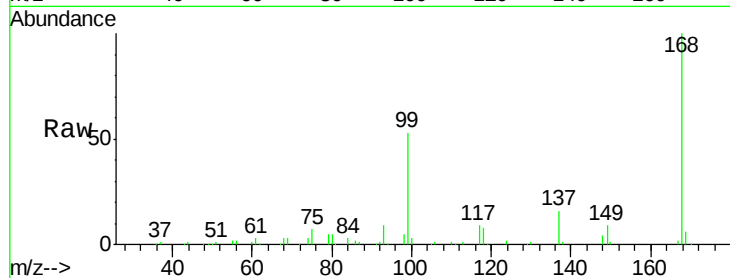
PB126303ZHE#01

Tot Ion:168 Resp: 209695

Ion Ratio Lower Upper

168 100

99 52.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059852.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059852.D (-1732) (-)

7.64

80000

60000

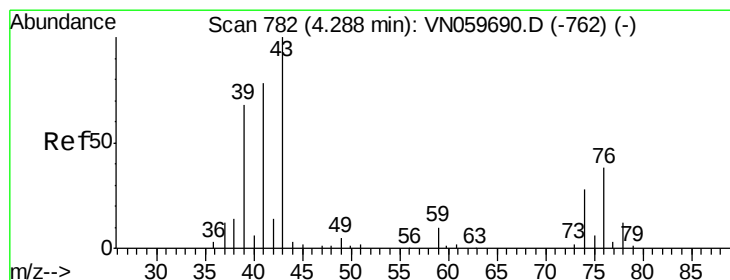
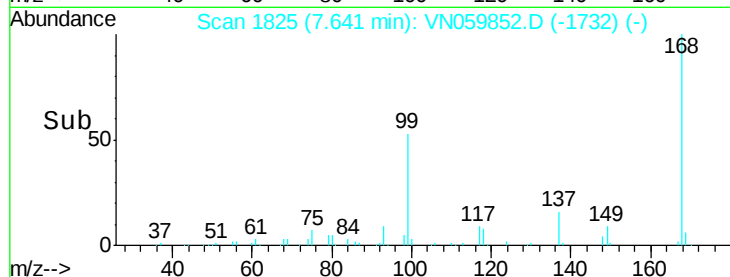
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.465 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059852.D

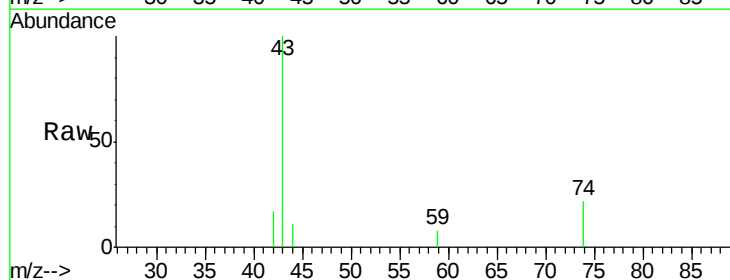
Acq: 24 Jan 2020 17:51

Tgt Ion: 43 Resp: 6705

Ion Ratio Lower Upper

43 100

74 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN059852.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN059852.D (-689) (-)

4.29

2000

1500

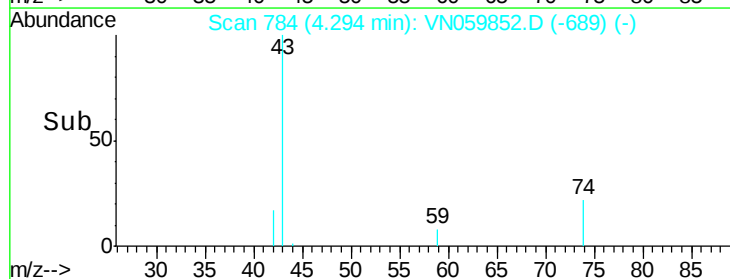
1000

500

0

4.20 4.25 4.30 4.35 4.40

Time-->

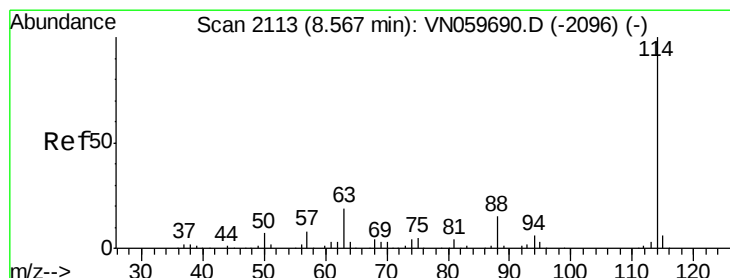
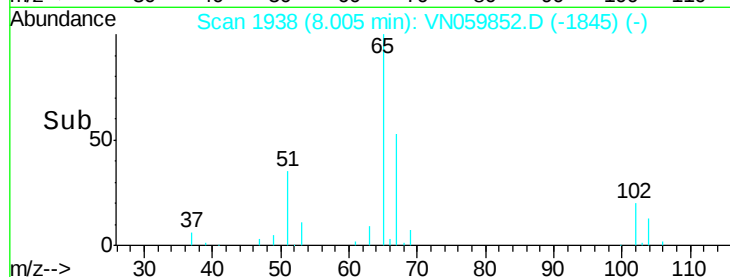
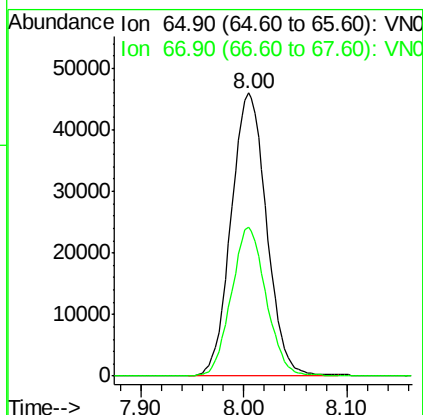
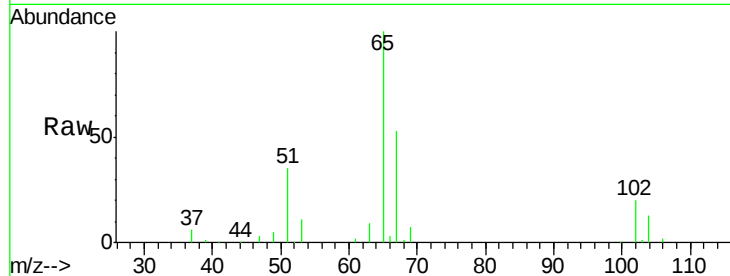




#33
 1,2-Dichloroethane-d4
 Concen: 47.207 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059852.D
 Acq: 24 Jan 2020 17:51

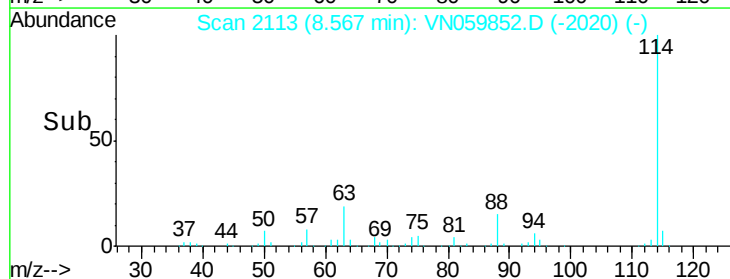
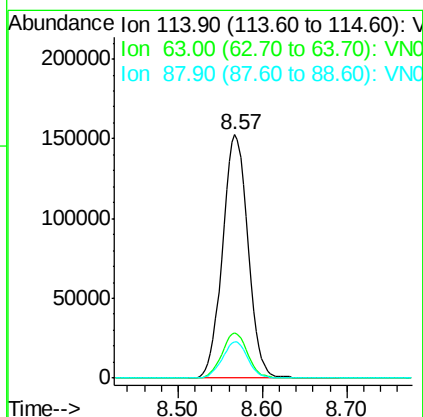
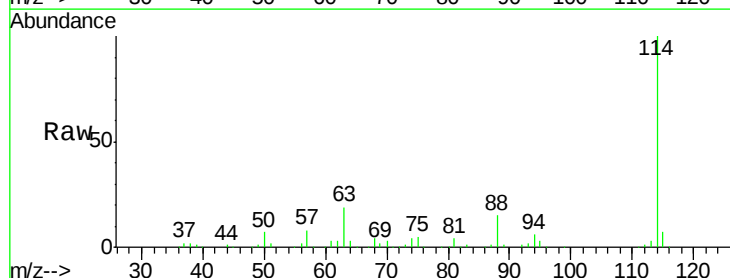
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#01

Tot Ion: 65 Resp: 109932
 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: VN059852.D
 Acq: 24 Jan 2020 17:51

Tgt Ion: 114 Resp: 319608
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059852.D

Acq: 24 Jan 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

PB126303ZHE#01

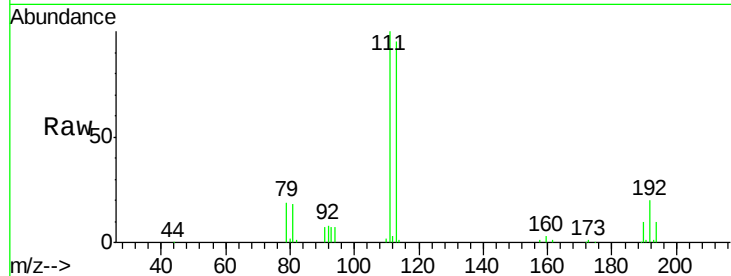
Tot Ion:113 Resp: 95448

Ion Ratio Lower Upper

113 100

111 103.3 83.5 125.3

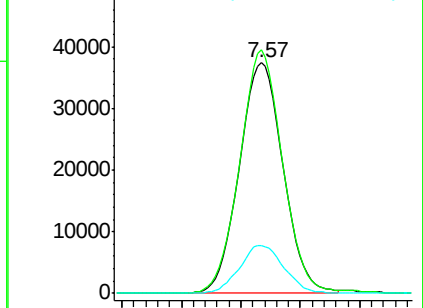
192 20.8 15.4 23.2



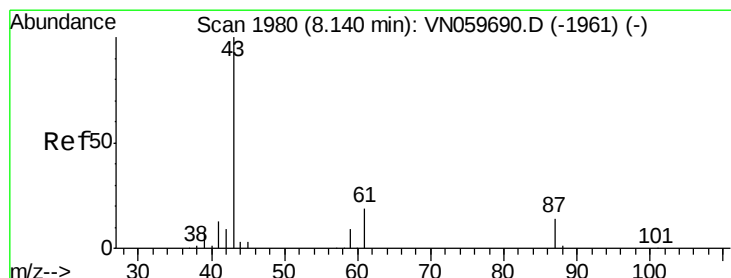
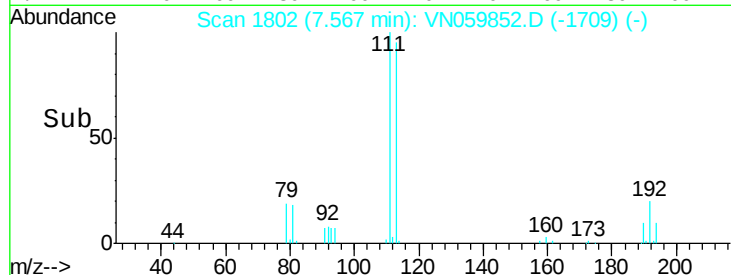
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.45 7.50 7.55 7.60 7.65



#43

Isopropyl Acetate

Concen: 9.266 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059852.D

Acq: 24 Jan 2020 17:51

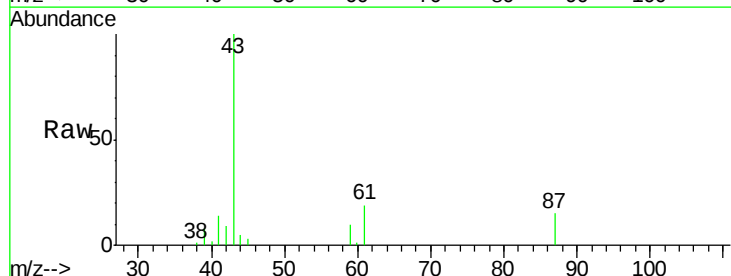
Tgt Ion: 43 Resp: 41606

Ion Ratio Lower Upper

43 100

61 19.9 20.2 30.2#

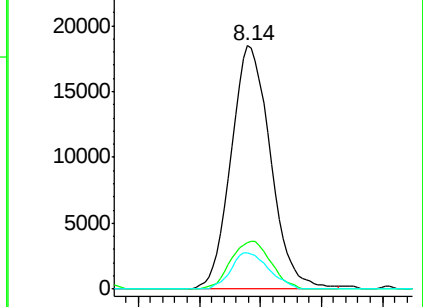
87 14.3 9.5 14.3



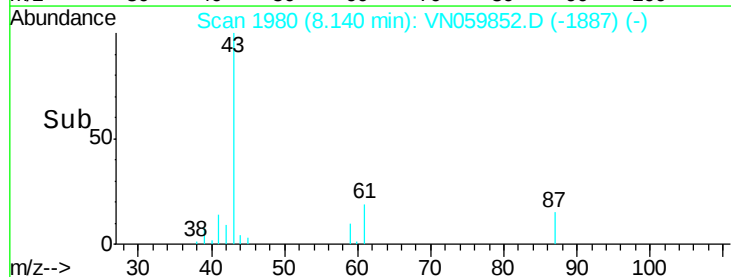
Abundance Ion 43.00 (42.70 to 43.70): VNO

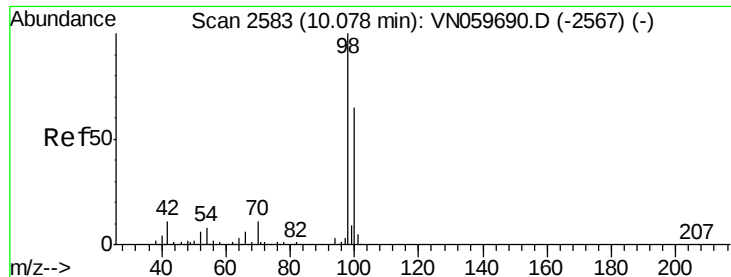
Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time--> 8.05 8.10 8.15 8.20 8.25





#50

Toluene-d8

Concen: 50.712 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059852.D

Acq: 24 Jan 2020 17:51

Instrument :

MSVOA_N

ClientSampleId :

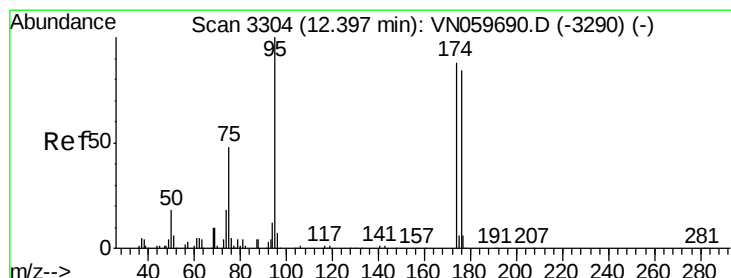
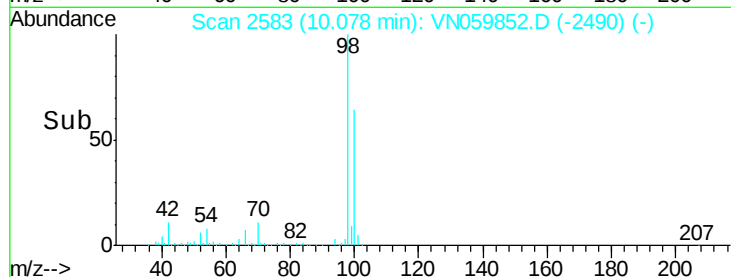
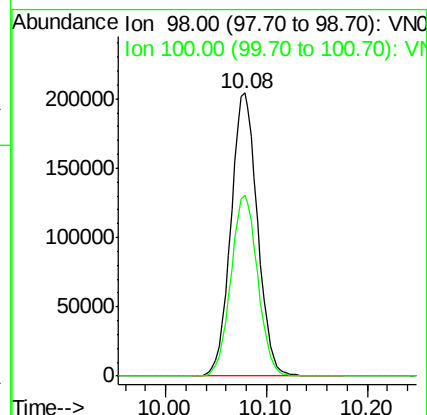
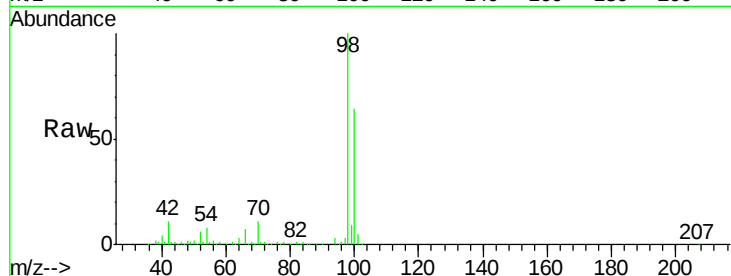
PB126303ZHE#01

Tot Ion: 98 Resp: 374492

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.436 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059852.D

Acq: 24 Jan 2020 17:51

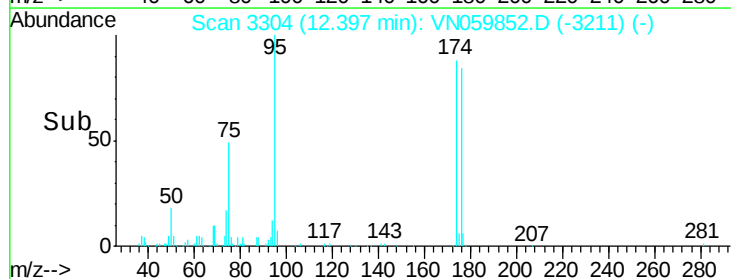
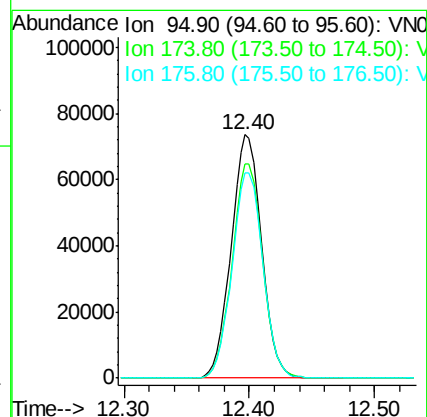
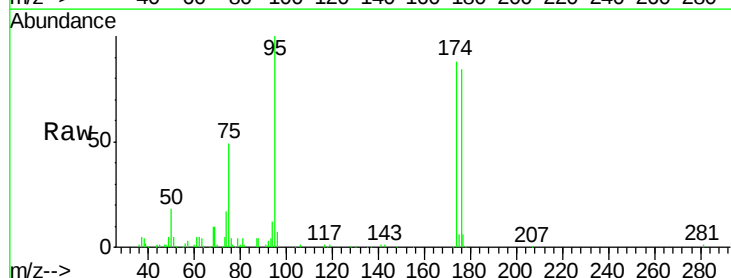
Tgt Ion: 95 Resp: 123620

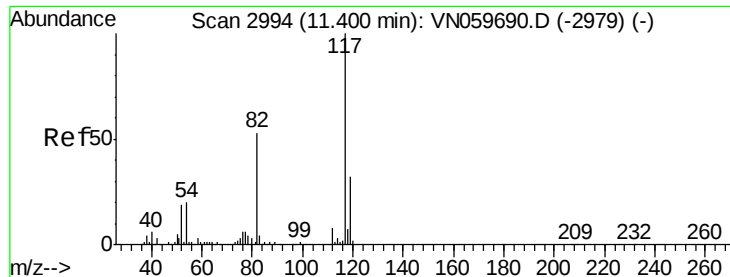
Ion Ratio Lower Upper

95 100

174 88.5 0.0 151.4

176 85.8 0.0 146.0

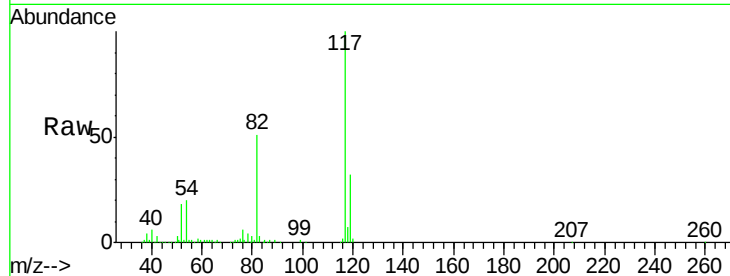




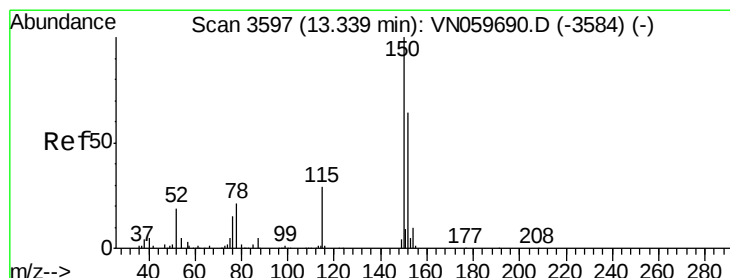
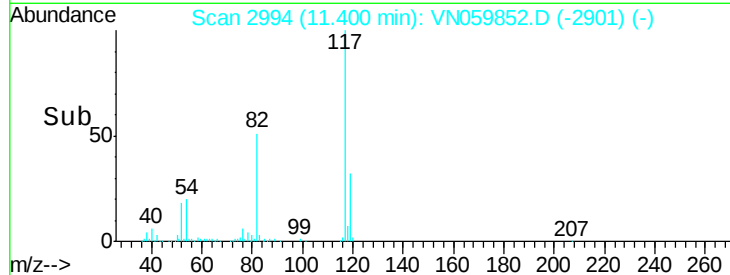
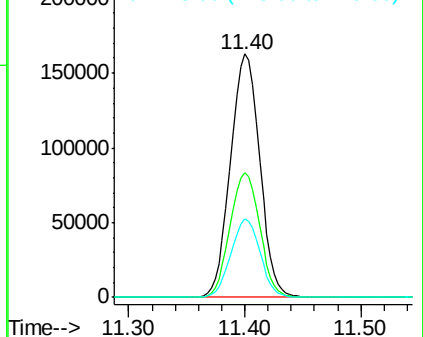
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059852.D
Acq: 24 Jan 2020 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB126303ZHE#01

Tot Ion:117 Resp: 284098
Ion Ratio Lower Upper
117 100
82 51.3 45.9 68.9
119 32.2 25.5 38.3

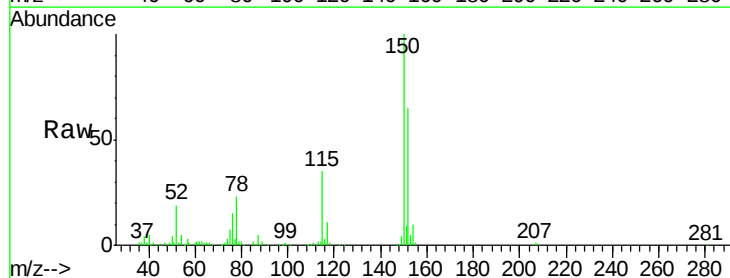


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059852.D
Acq: 24 Jan 2020 17:51

Tgt Ion:152 Resp: 113396
Ion Ratio Lower Upper
152 100
115 56.5 30.3 90.9
150 156.2 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

