

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012420\
 Data File : VN059856.D
 Acq On : 24 Jan 2020 19:25
 Operator : JC/MD
 Sample : PB126303ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#05

Quant Time: Jan 25 01:35:47 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

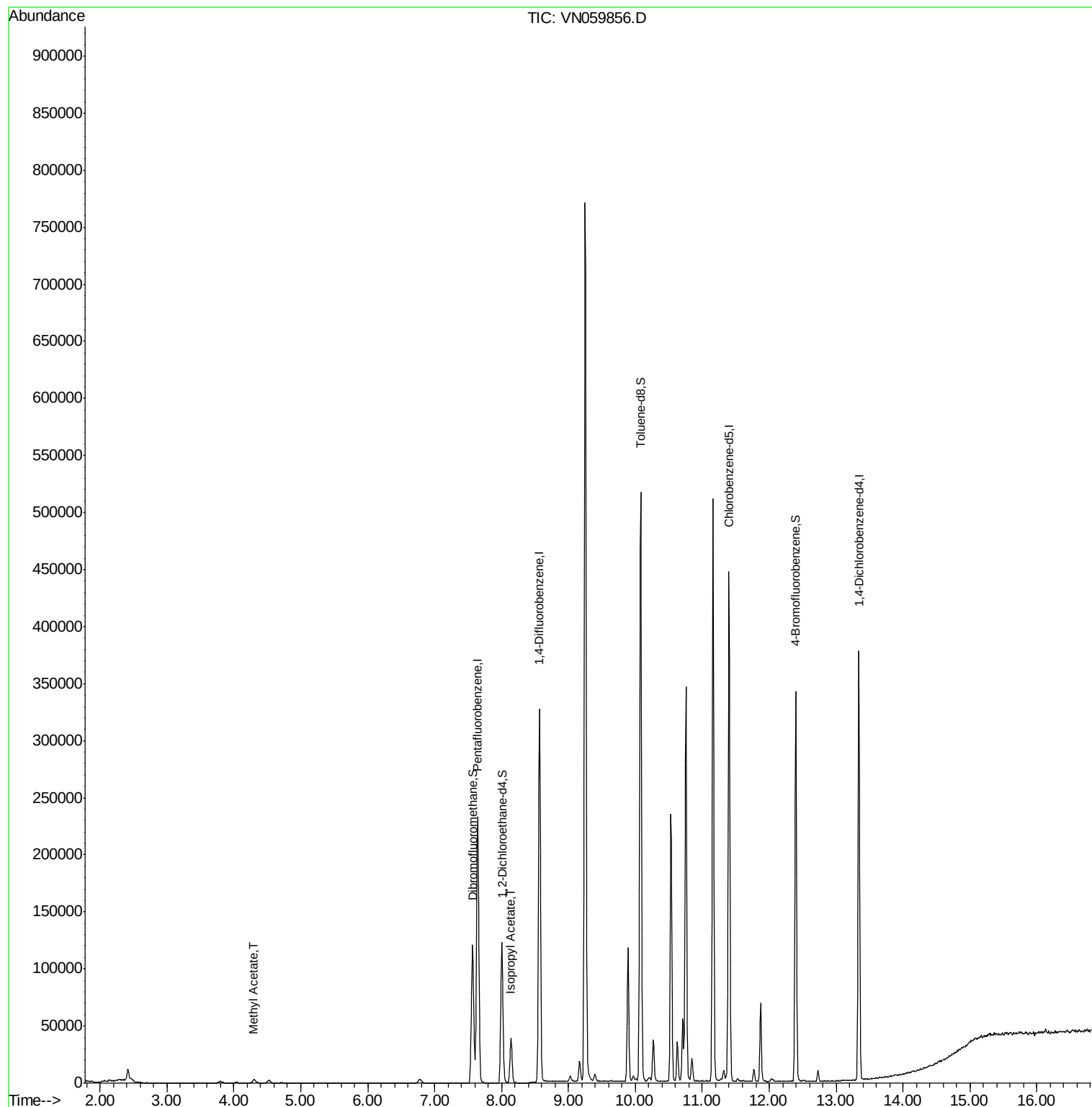
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304189	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105236	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	7.57	113	91519	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.08	98	355743	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.40	95	113892	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
Target Compounds						
18) Methyl Acetate	4.30	43	7096	2.727	ug/l	99
43) Isopropyl Acetate	8.14	43	44682	10.456	ug/l #	91

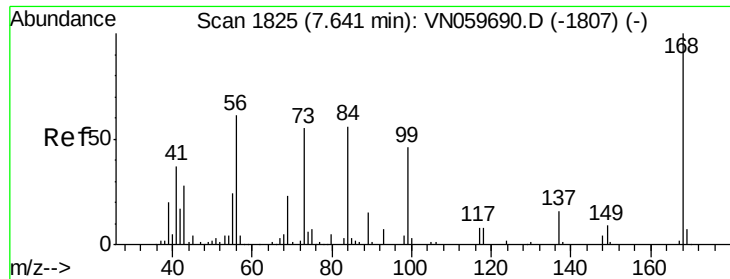
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012420\
Data File : VN059856.D
Acq On : 24 Jan 2020 19:25
Operator : JC/MD
Sample : PB126303ZHE#05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126303ZHE#05

Quant Time: Jan 25 01:35:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 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: VN059856.D

Acq: 24 Jan 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

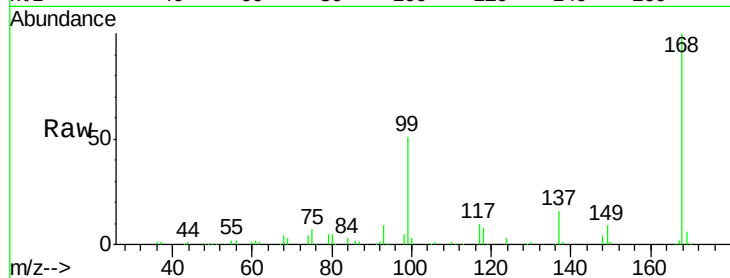
PB126303ZHE#05

Tot Ion:168 Resp: 200602

Ion Ratio Lower Upper

168 100

99 51.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

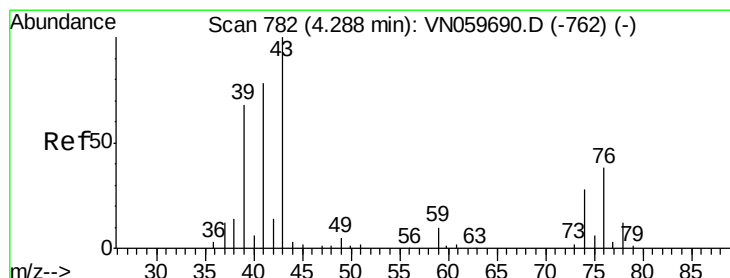
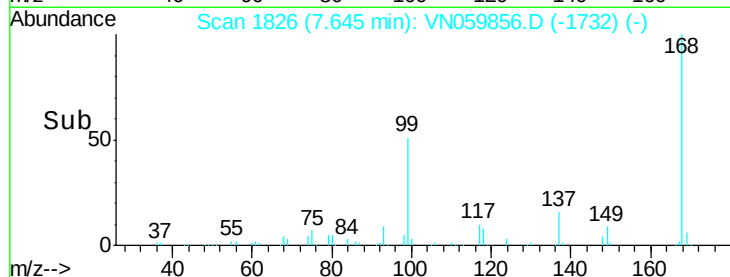
40000

20000

0

7.60 7.70

Time-->



#18

Methyl Acetate

Concen: 2.727 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059856.D

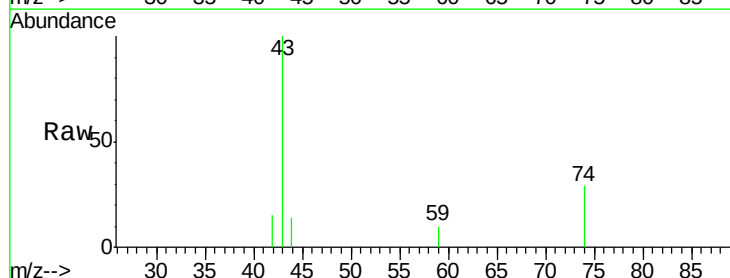
Acq: 24 Jan 2020 19:25

Tgt Ion: 43 Resp: 7096

Ion Ratio Lower Upper

43 100

74 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

2000

1500

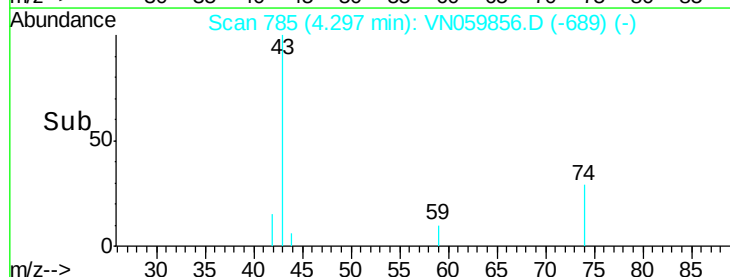
1000

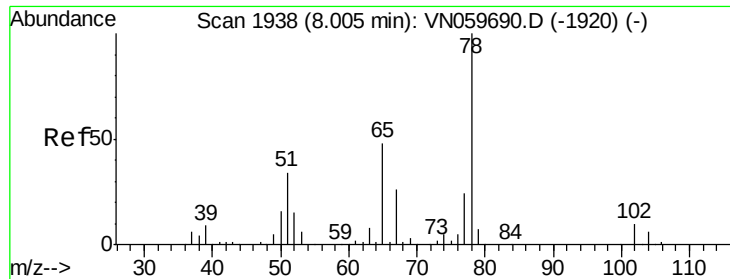
500

0

4.20 4.30 4.40

Time-->

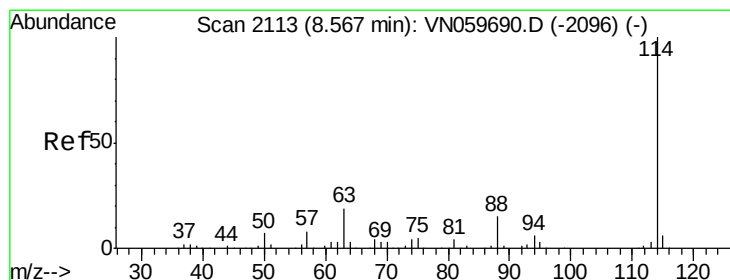
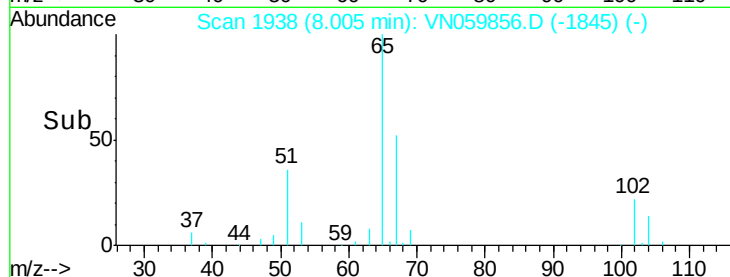
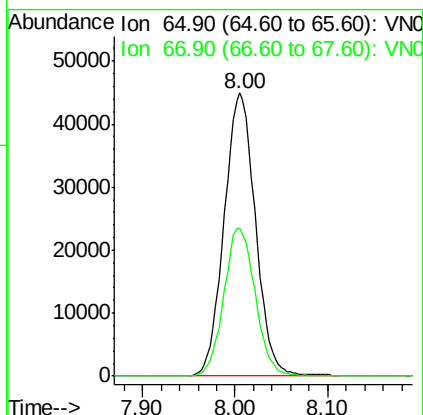
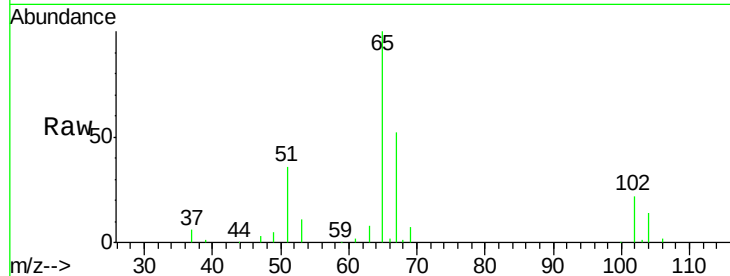




#33
 1,2-Dichloroethane-d4
 Concen: 47.239 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059856.D
 Acq: 24 Jan 2020 19:25

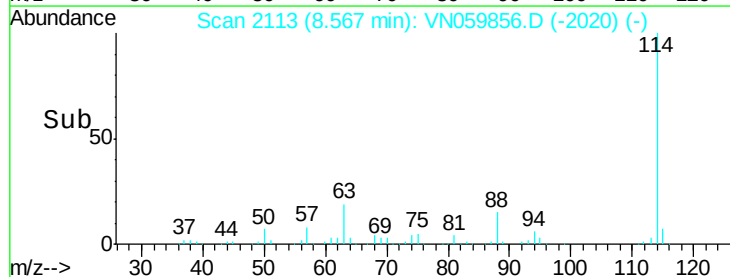
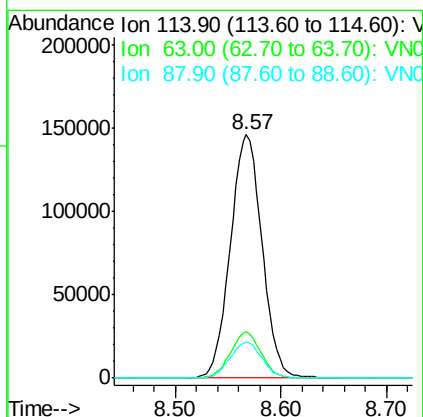
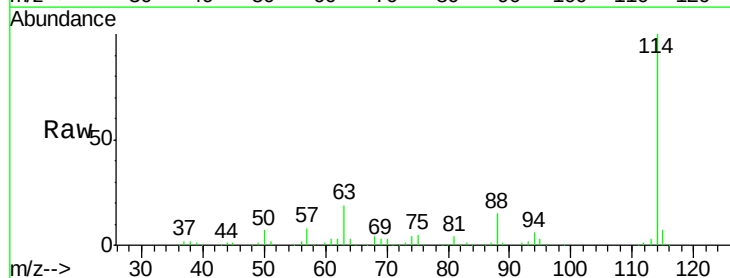
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126303ZHE#05

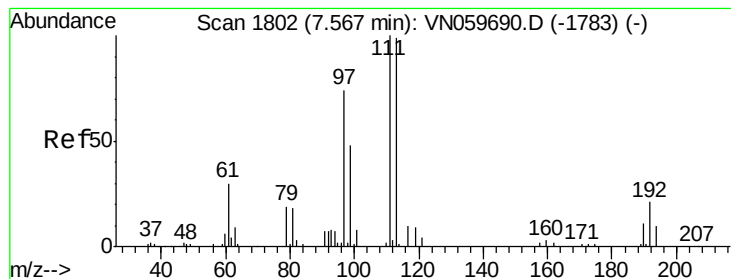
Tot Ion: 65 Resp: 105236
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059856.D
 Acq: 24 Jan 2020 19:25

Tgt Ion: 114 Resp: 304189
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 43.6
 88 14.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.451 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059856.D

Acq: 24 Jan 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB126303ZHE#05

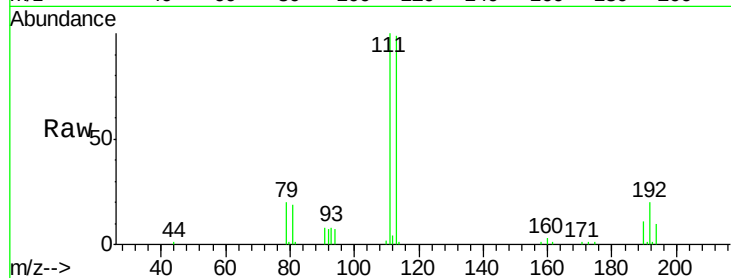
Tot Ion:113 Resp: 91519

Ion Ratio Lower Upper

113 100

111 103.4 83.5 125.3

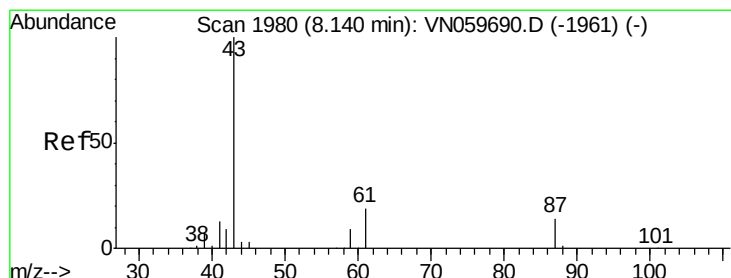
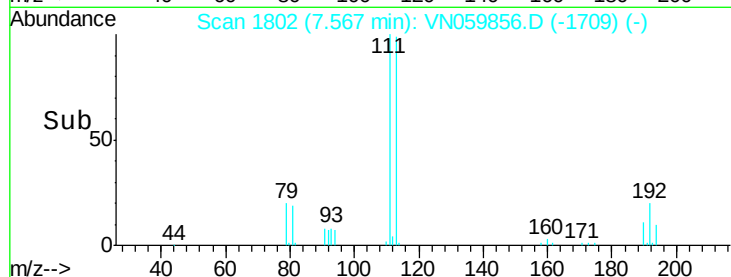
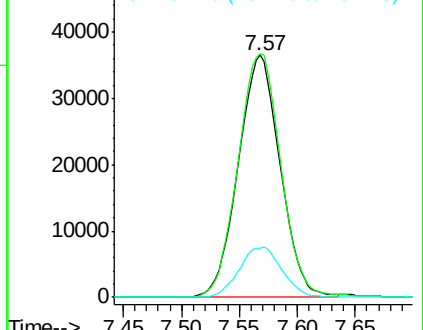
192 21.2 15.4 23.2



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



#43

Isopropyl Acetate

Concen: 10.456 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059856.D

Acq: 24 Jan 2020 19:25

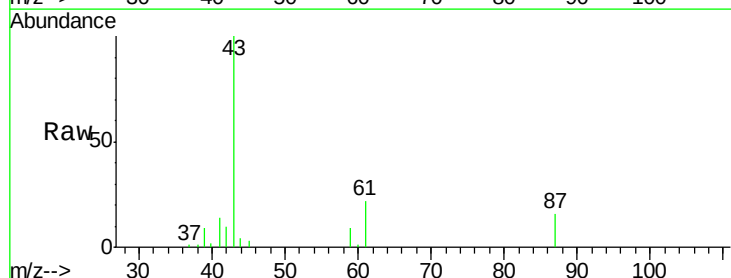
Tgt Ion: 43 Resp: 44682

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

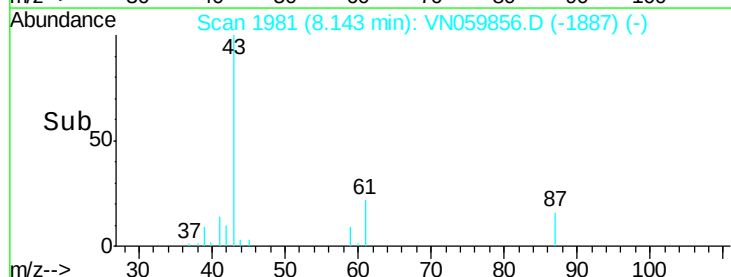
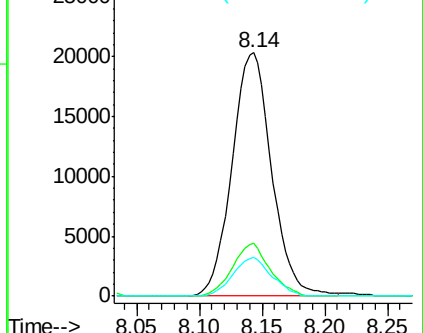
87 15.3 9.5 14.3#

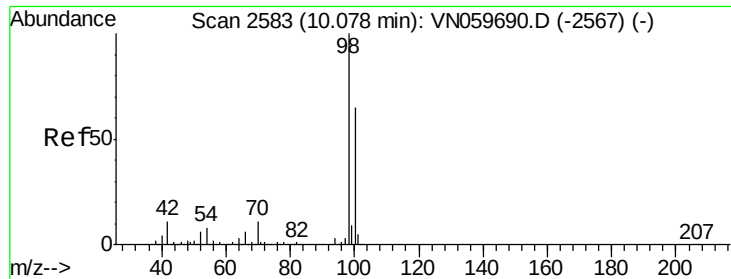


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.615 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059856.D

Acq: 24 Jan 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

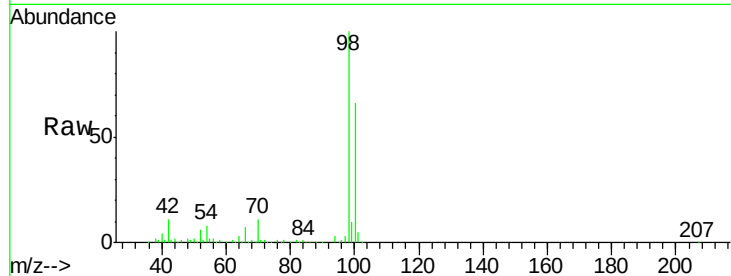
PB126303ZHE#05

Tot Ion: 98 Resp: 355743

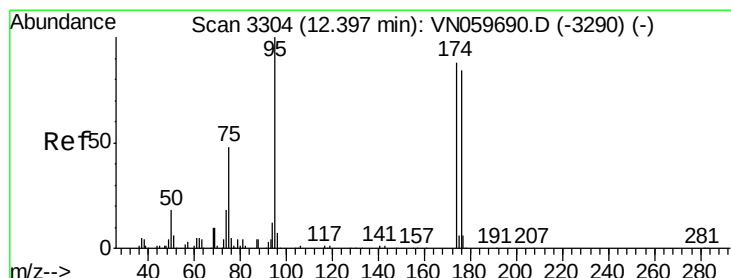
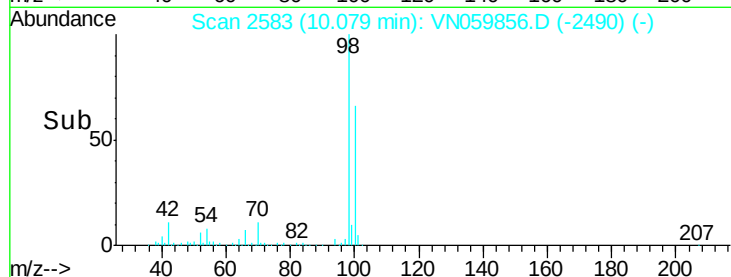
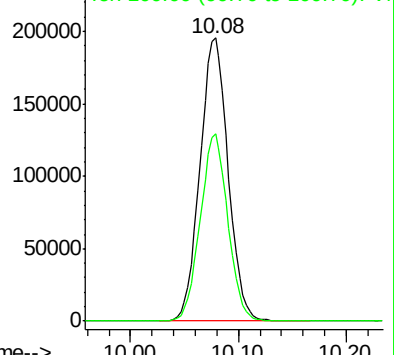
Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059856.D (-2490) (-)



#62

4-Bromofluorobenzene

Concen: 44.950 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059856.D

Acq: 24 Jan 2020 19:25

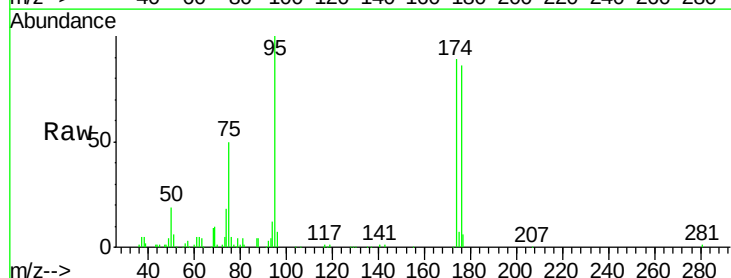
Tgt Ion: 95 Resp: 113892

Ion Ratio Lower Upper

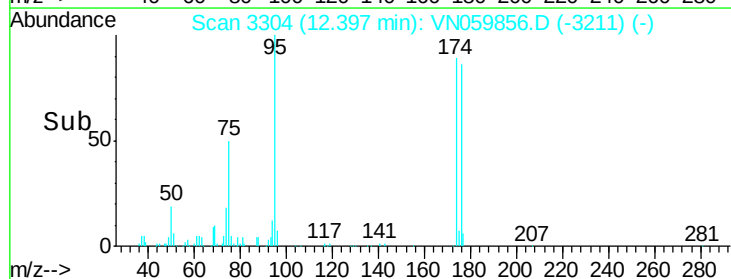
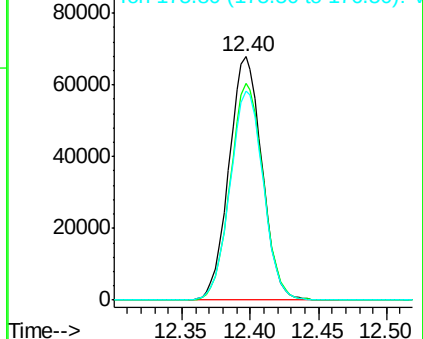
95 100

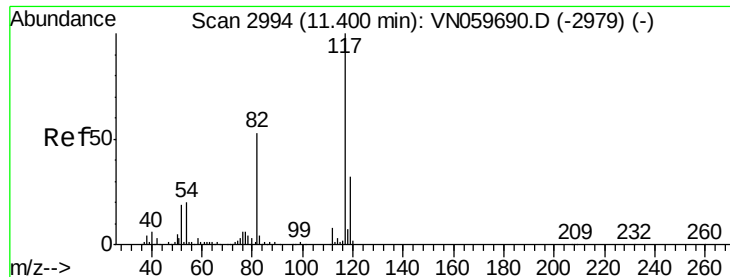
174 88.8 0.0 151.4

176 86.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059856.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059856.D

Acq: 24 Jan 2020 19:25

Instrument :

MSVOA_N

ClientSampleId :

PB126303ZHE#05

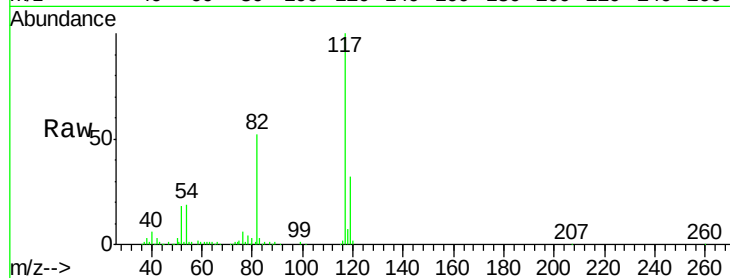
Tot Ion:117 Resp: 265325

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

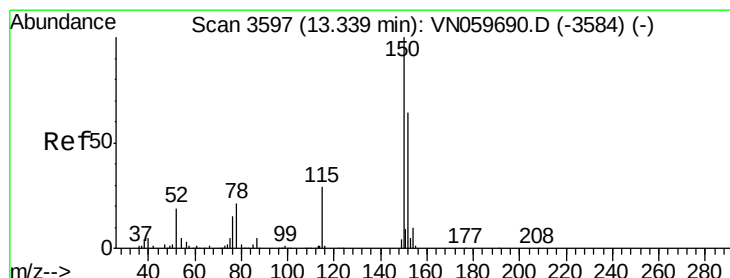
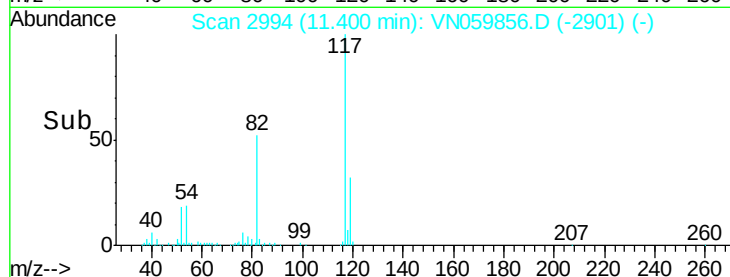
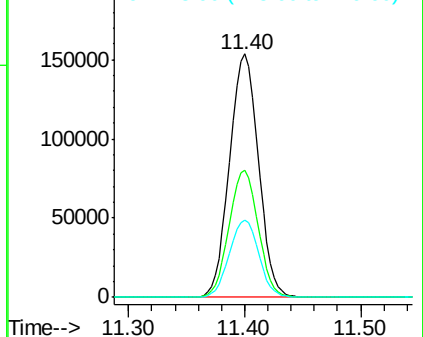
119 31.8 25.5 38.3



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: VN059856.D

Acq: 24 Jan 2020 19:25

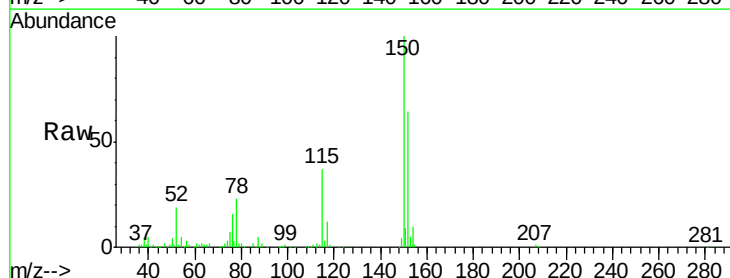
Tgt Ion:152 Resp: 105029

Ion Ratio Lower Upper

152 100

115 56.6 30.3 90.9

150 155.4 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

