

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011620\
 Data File : VN059739.D
 Acq On : 16 Jan 2020 18:02
 Operator : JC/MD
 Sample : PB126118ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126118ZHE#10

Quant Time: Jan 17 08:23:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

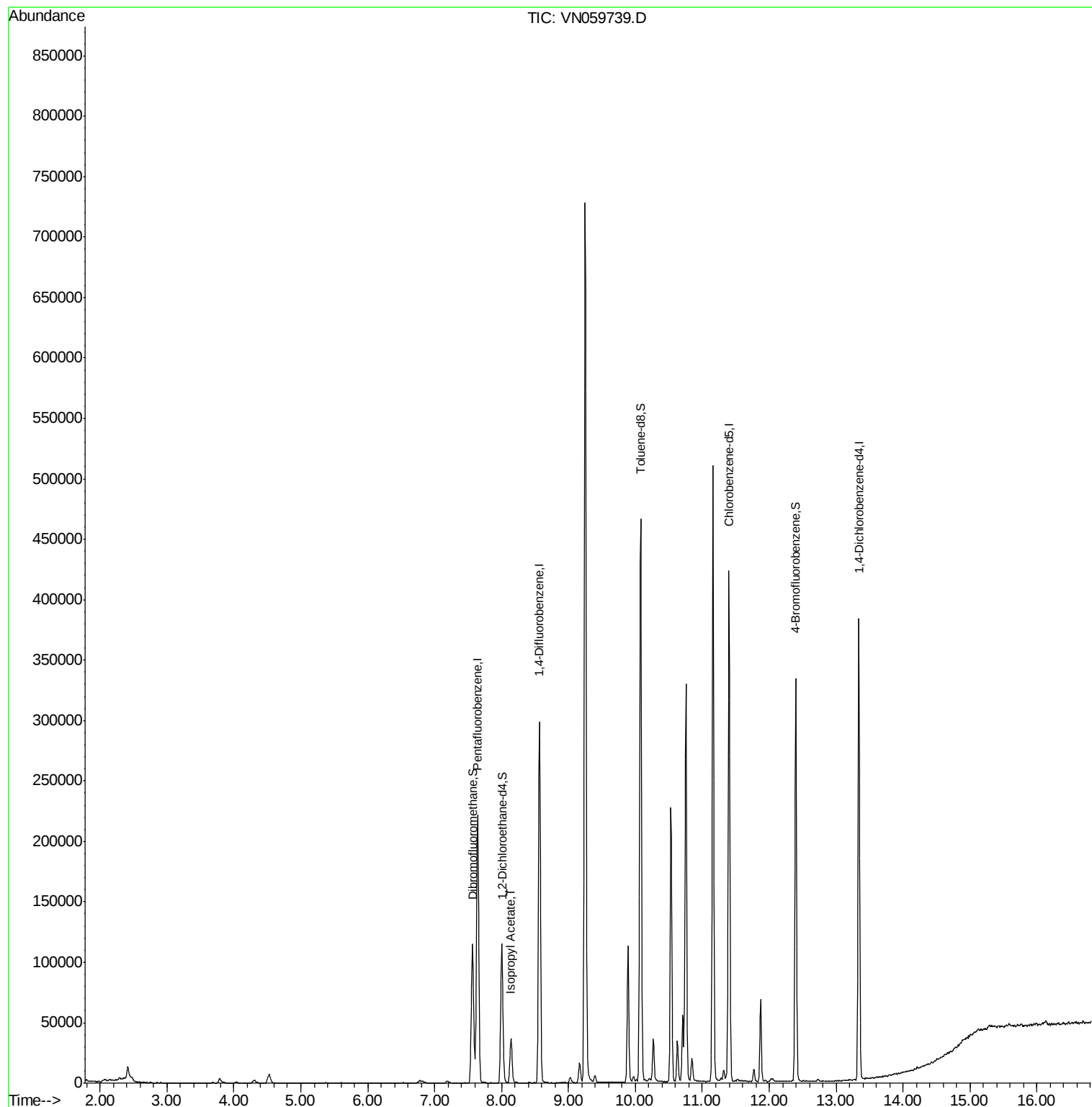
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Pentafluorobenzene	7.64	168	192145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98583	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
35) Dibromofluoromethane	7.57	113	87702	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.08	98	327246	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	111114	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						Qvalue
43) Isopropyl Acetate	8.14	43	43472	10.818	ug/l #	91
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 14 08:58:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

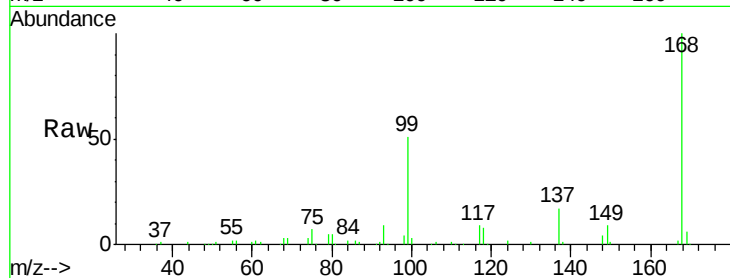
PB126118ZHE#10

Tot Ion:168 Resp: 192145

Ion Ratio Lower Upper

168 100

99 50.9 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

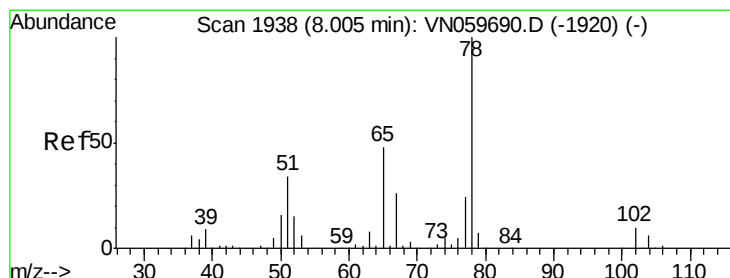
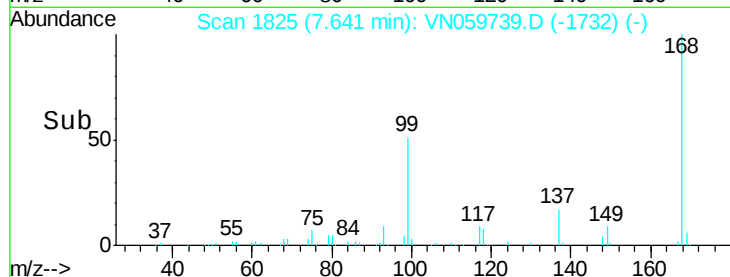
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 46.200 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059739.D

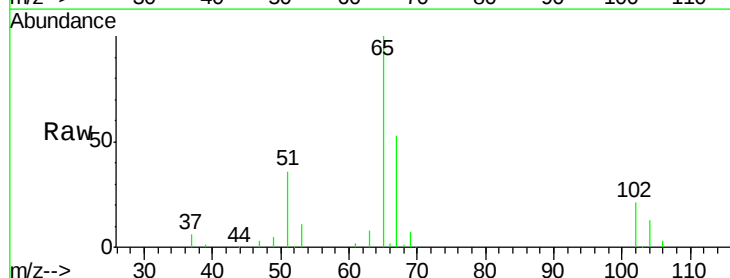
Acq: 16 Jan 2020 18:02

Tgt Ion: 65 Resp: 98583

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

50000

40000

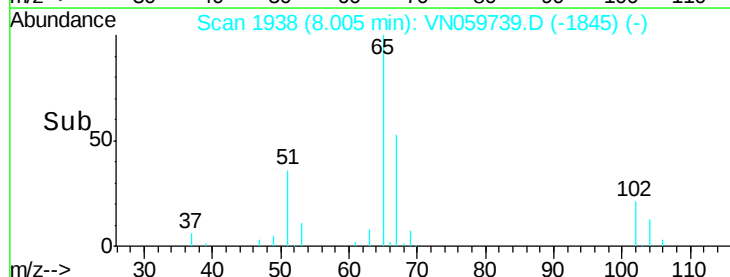
30000

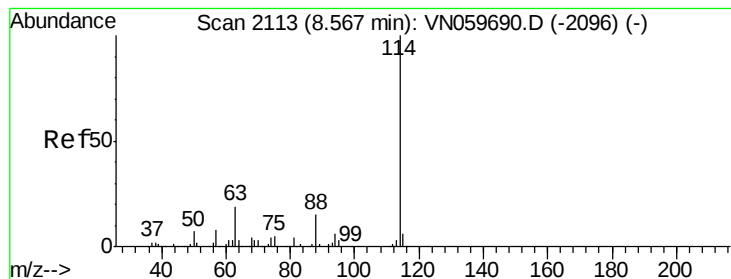
20000

10000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

PB126118ZHE#10

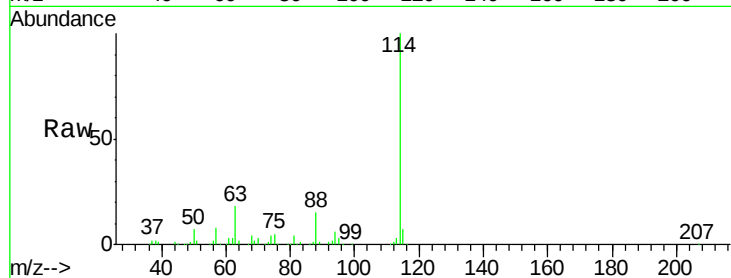
Tot Ion:114 Resp: 286036

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.6

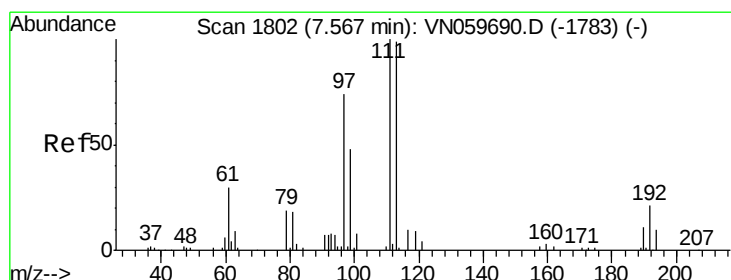
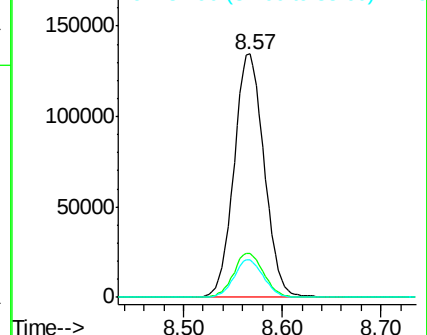
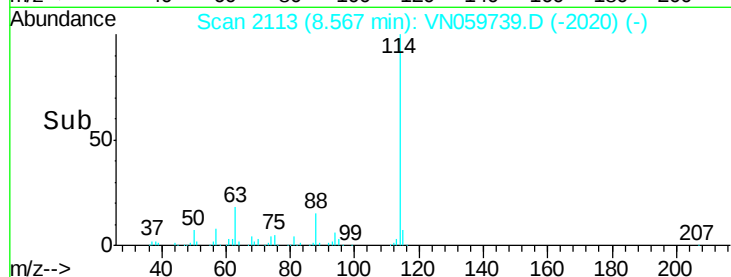
88 15.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.415 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

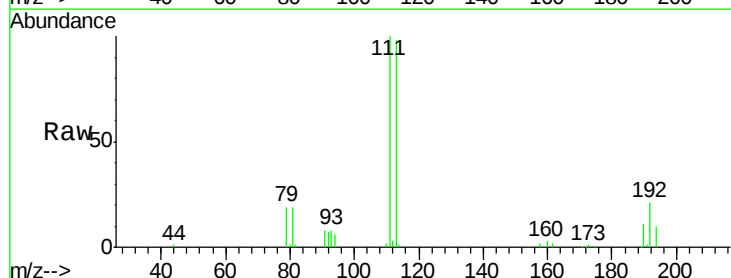
Tgt Ion:113 Resp: 87702

Ion Ratio Lower Upper

113 100

111 102.5 83.5 125.3

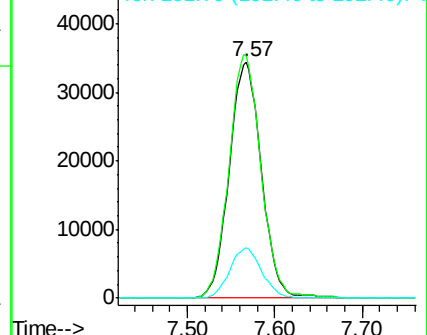
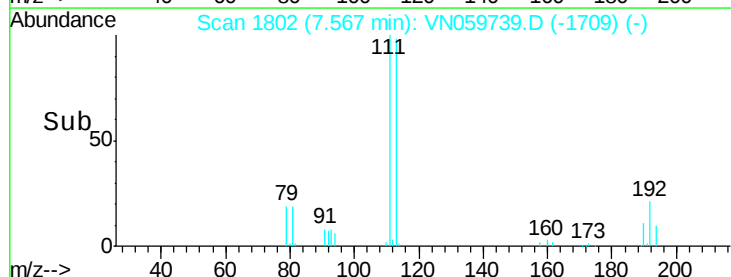
192 21.1 15.4 23.2

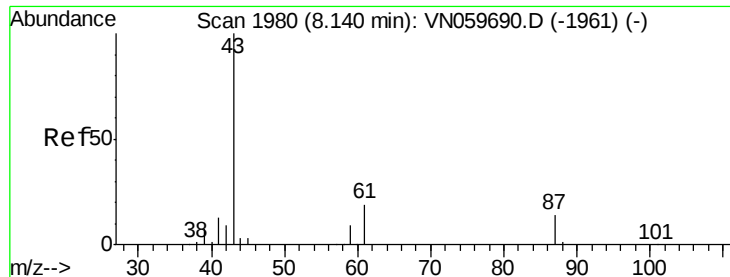


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.818 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

Instrument :

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ClientSampleId :

PB126118ZHE#10

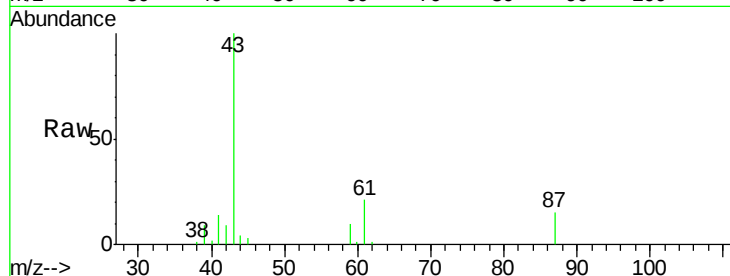
Tot Ion: 43 Resp: 43472

Ion Ratio Lower Upper

43 100

61 20.5 20.2 30.2

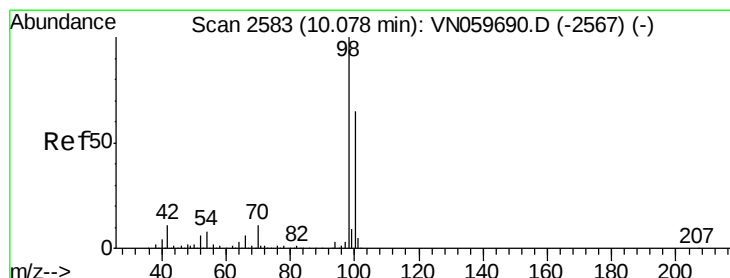
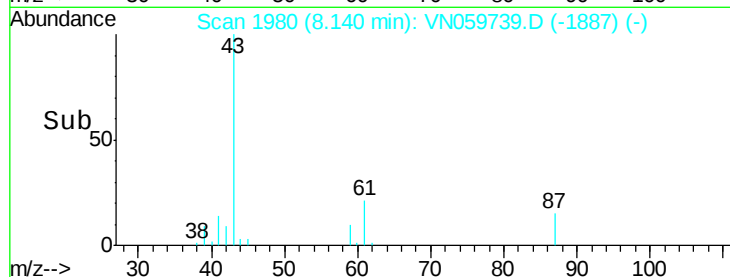
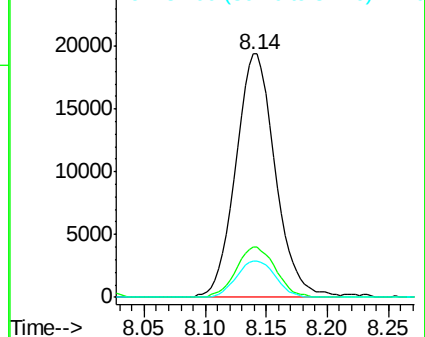
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059739.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059739.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059739.D (-1887) (-)



#50

Toluene-d8

Concen: 49.515 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059739.D

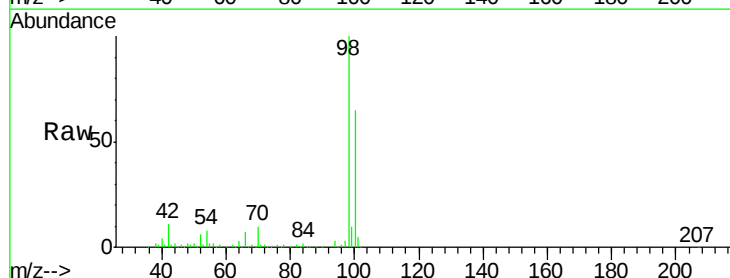
Acq: 16 Jan 2020 18:02

Tgt Ion: 98 Resp: 327246

Ion Ratio Lower Upper

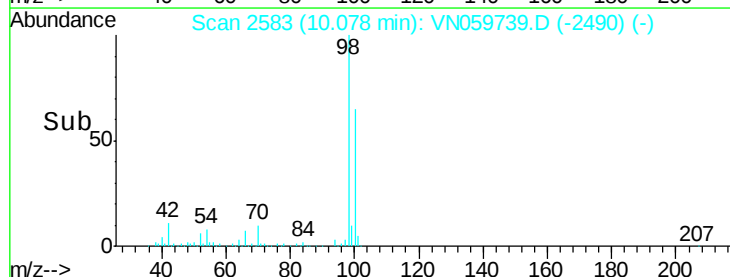
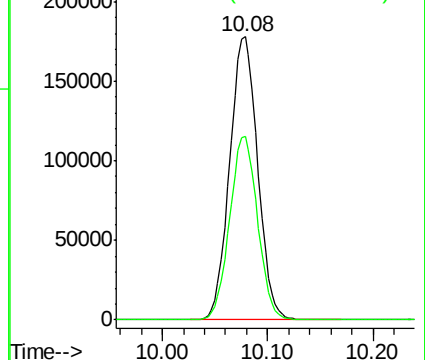
98 100

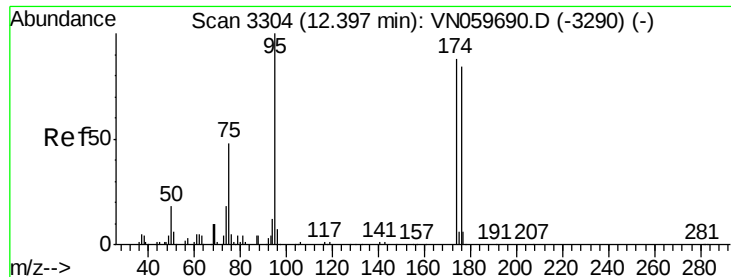
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059739.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059739.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 46.637 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

PB126118ZHE#10

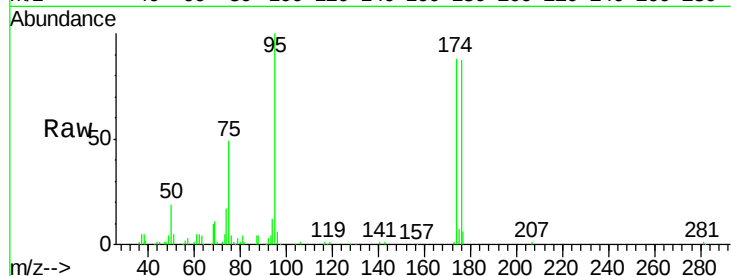
Tot Ion: 95 Resp: 111114

Ion Ratio Lower Upper

95 100

174 88.7 0.0 151.4

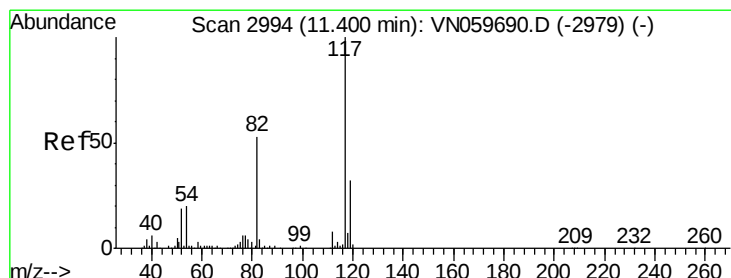
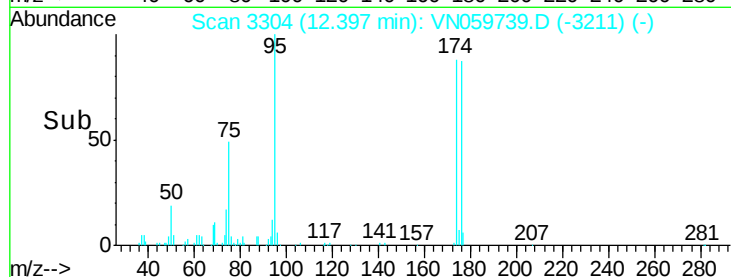
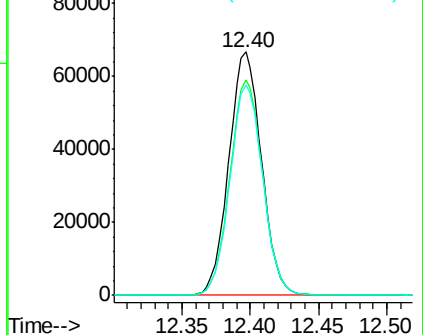
176 86.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059739.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059739.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059739.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

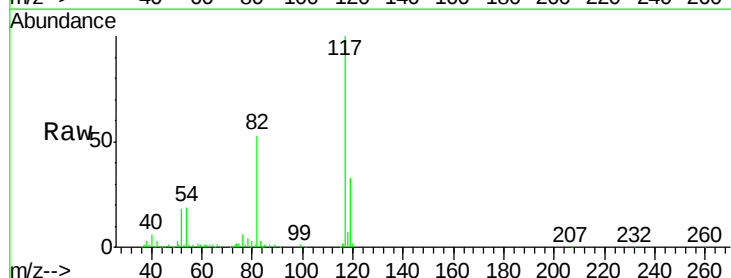
Tgt Ion: 117 Resp: 248610

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

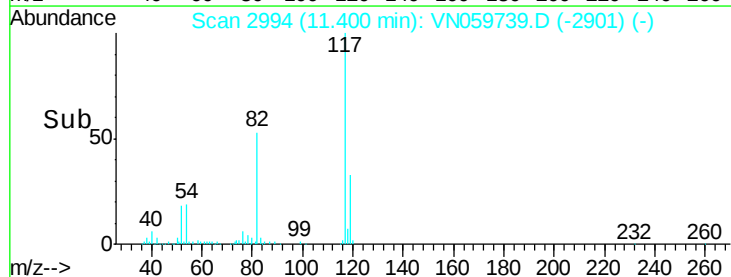
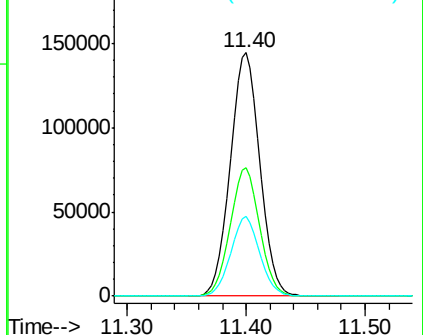
119 32.5 25.5 38.3

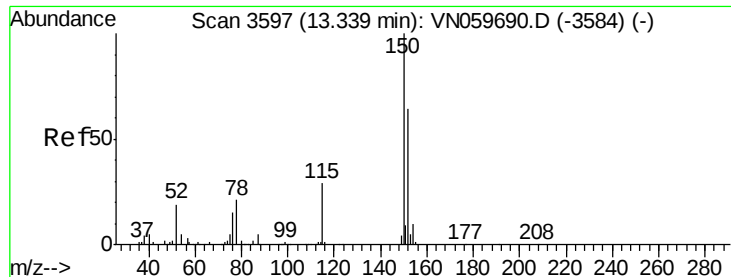


Abundance Ion 116.90 (116.60 to 117.60): VN059739.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059739.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059739.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059739.D

Acq: 16 Jan 2020 18:02

Instrument :

MSVOA_N

ClientSampleId :

PB126118ZHE#10

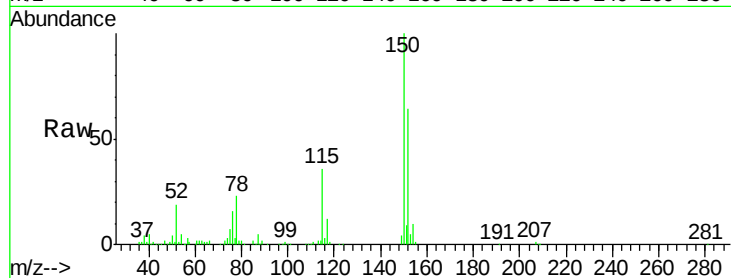
Tot Ion:152 Resp: 105101

Ion Ratio Lower Upper

152 100

115 57.8 30.3 90.9

150 156.4 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

