

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020320\
 Data File : VN059974.D
 Acq On : 3 Feb 2020 15:02
 Operator : JC/MD
 Sample : PB126526ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126526ZHE#09

Quant Time: Feb 03 15:32:42 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

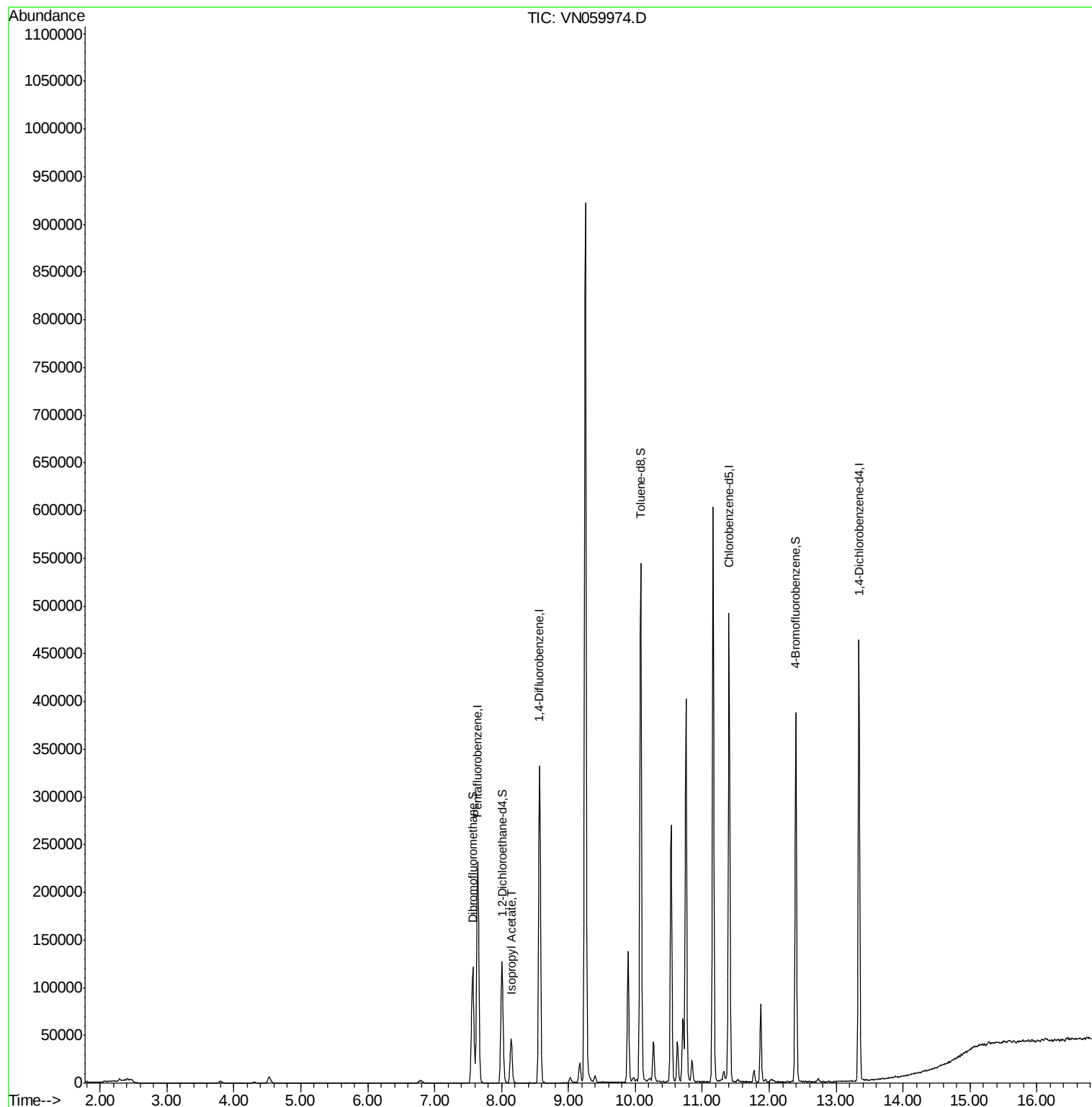
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	283822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112396	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
35) Dibromofluoromethane	7.57	113	93457	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.08	98	367598	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	130085	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	55070	12.802	ug/l #	Qvalue 90

(#) = 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# 1826

Delta R.T. 0.00 min

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Acq: 3 Feb 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

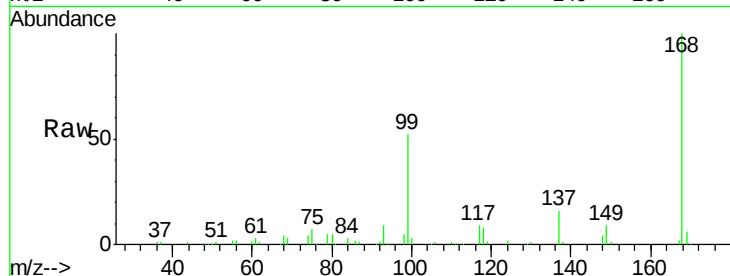
PB126526ZHE#09

Tot Ion:168 Resp: 197697

Ion Ratio Lower Upper

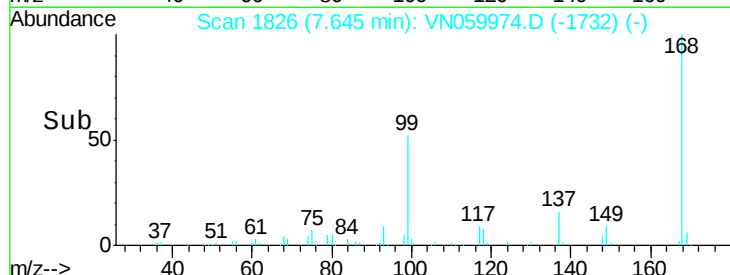
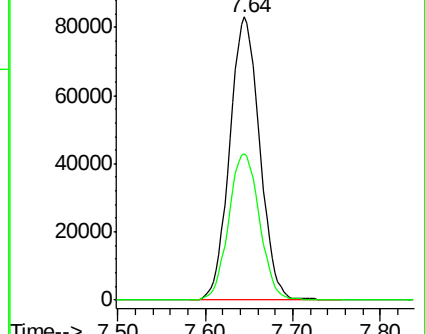
168 100

99 51.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.194 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059974.D

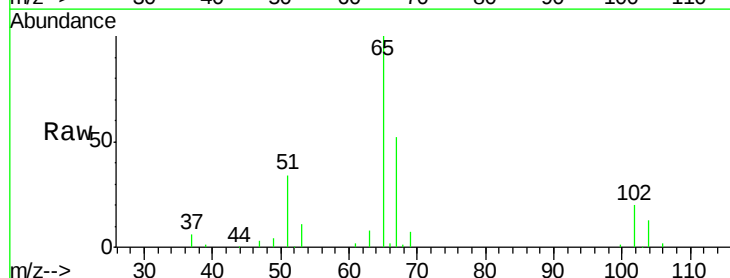
Acq: 3 Feb 2020 15:02

Tgt Ion: 65 Resp: 112396

Ion Ratio Lower Upper

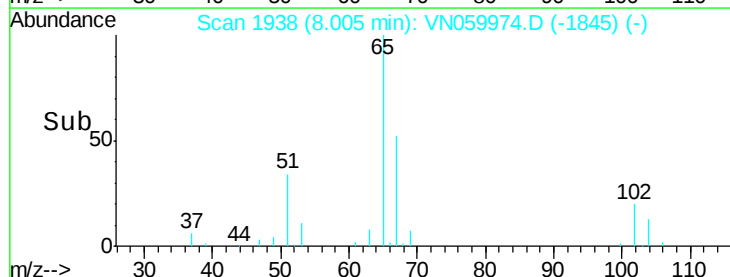
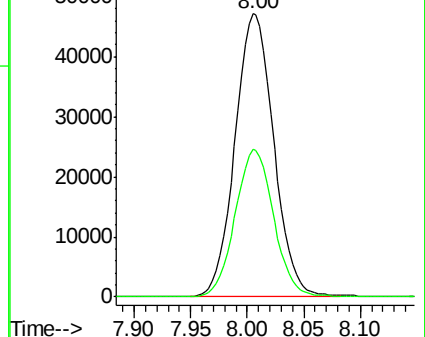
65 100

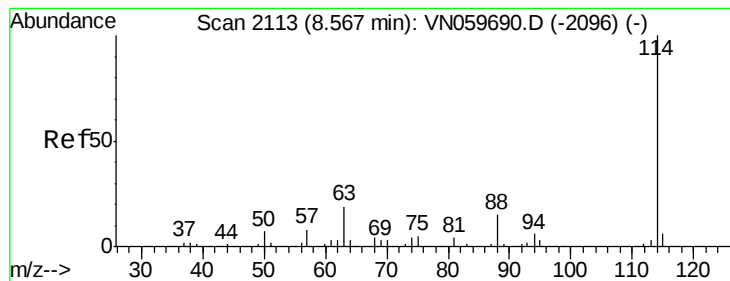
67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB126526ZHE#09

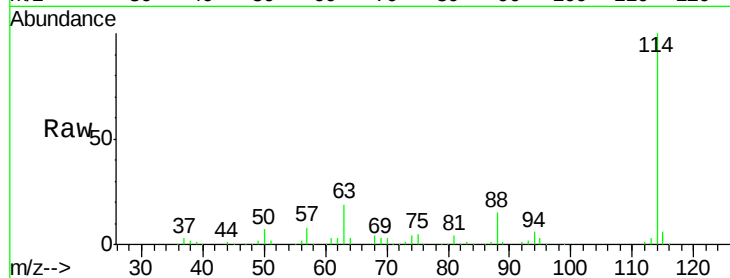
Tot Ion:114 Resp: 306205

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.6

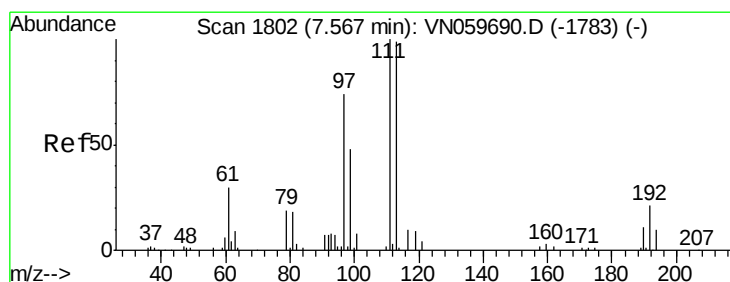
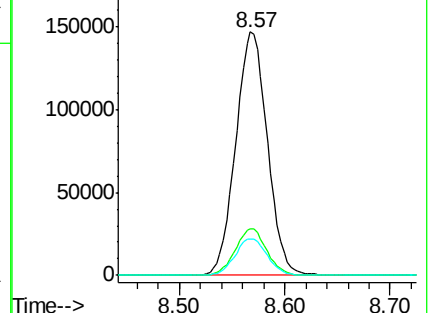
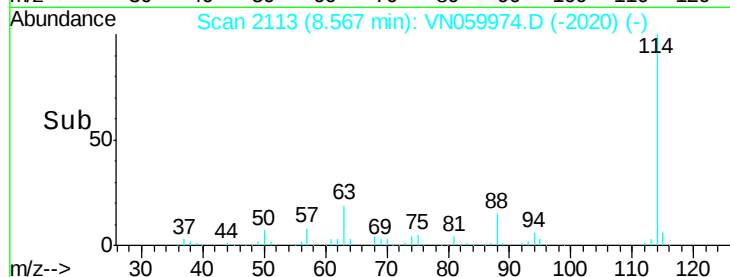
88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.180 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

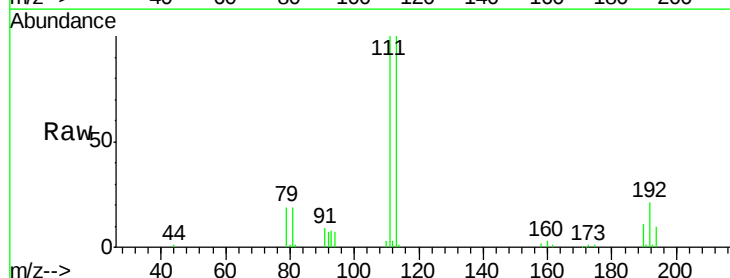
Tgt Ion:113 Resp: 93457

Ion Ratio Lower Upper

113 100

111 102.3 83.5 125.3

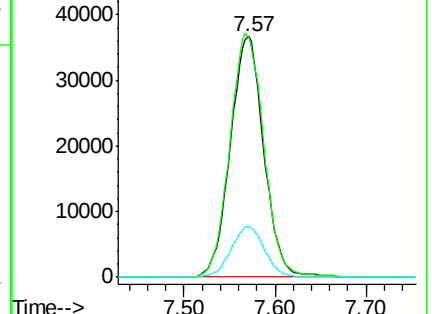
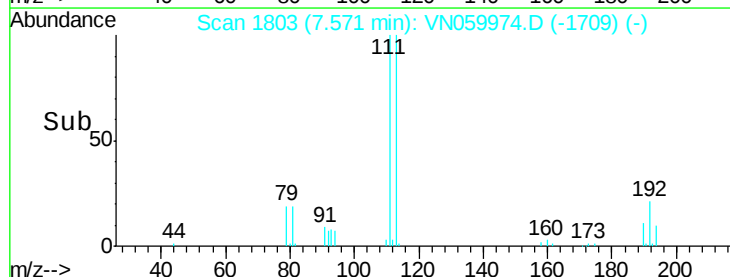
192 20.7 15.4 23.2

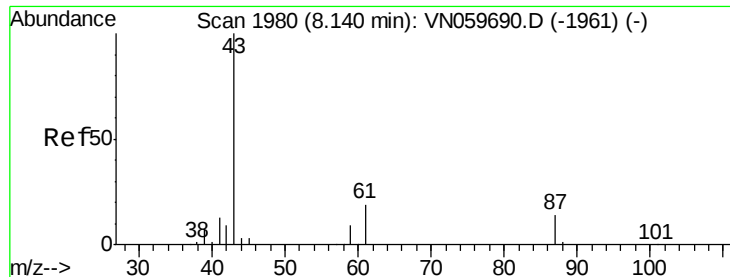


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.802 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB126526ZHE#09

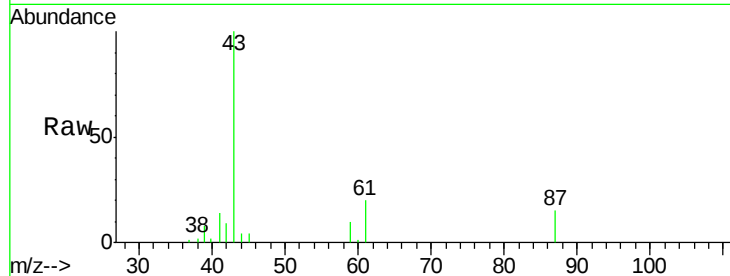
Tot Ion: 43 Resp: 55070

Ion Ratio Lower Upper

43 100

61 19.6 20.2 30.2#

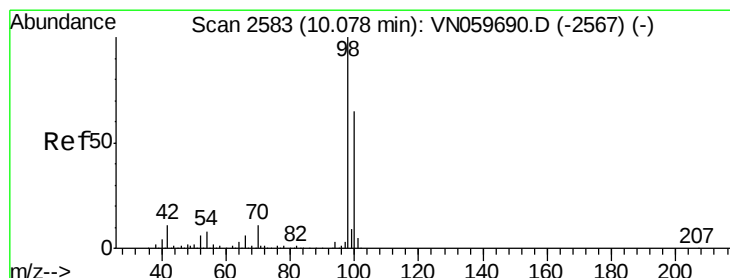
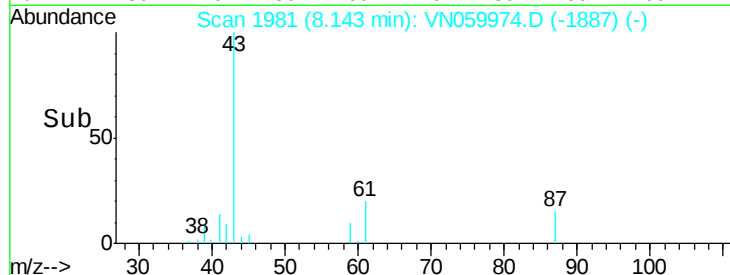
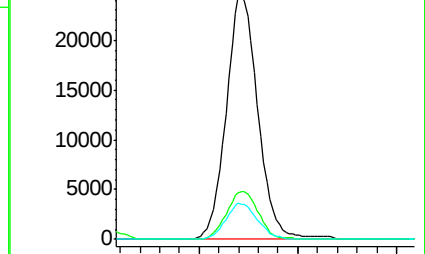
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059974.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059974.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059974.D (-1887) (-)



#50

Toluene-d8

Concen: 51.957 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059974.D

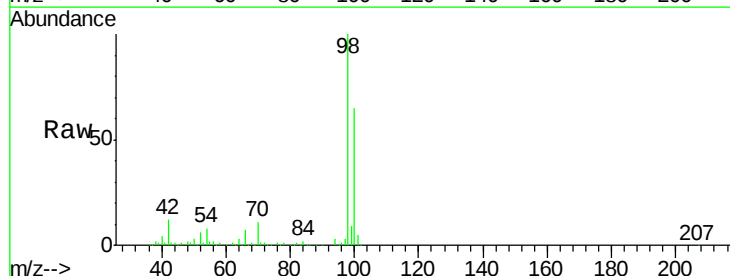
Acq: 3 Feb 2020 15:02

Tgt Ion: 98 Resp: 367598

Ion Ratio Lower Upper

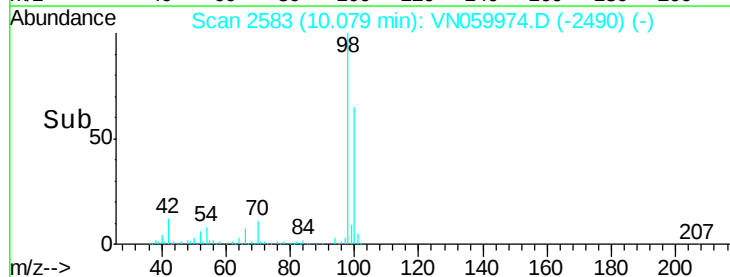
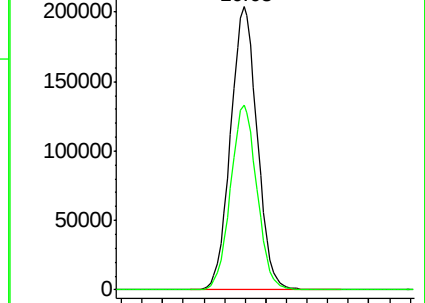
98 100

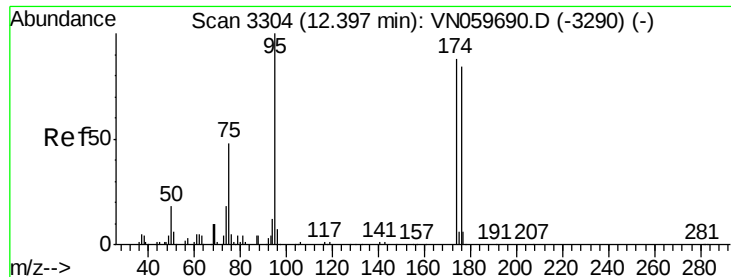
100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059974.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059974.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 51.003 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB126526ZHE#09

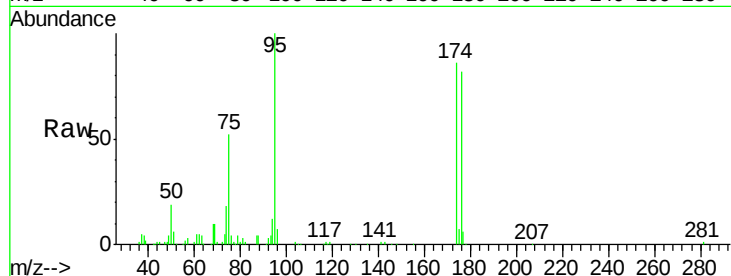
Tot Ion: 95 Resp: 130085

Ion Ratio Lower Upper

95 100

174 86.2 0.0 151.4

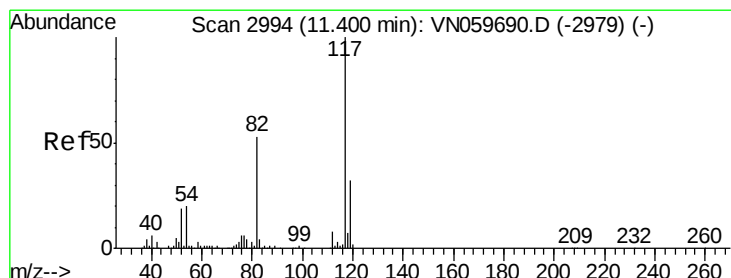
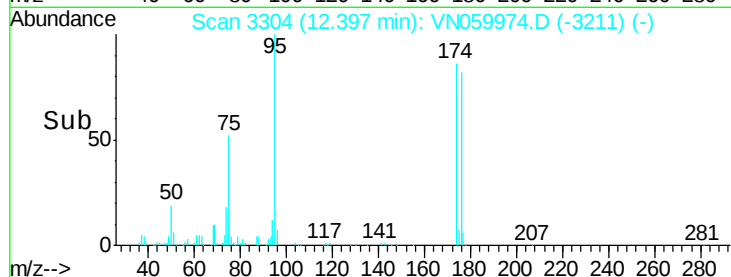
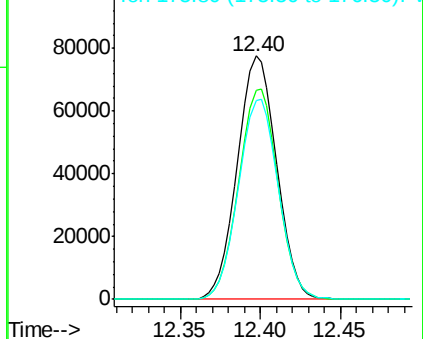
176 83.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059974.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059974.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059974.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

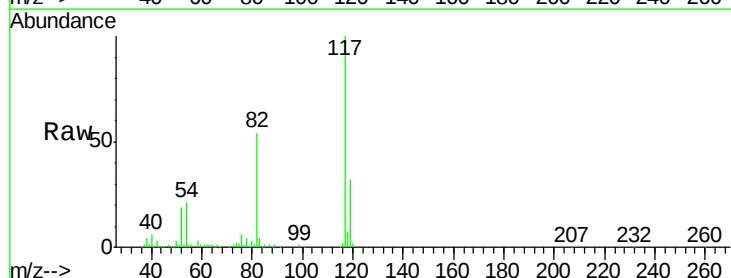
Tgt Ion: 117 Resp: 283822

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

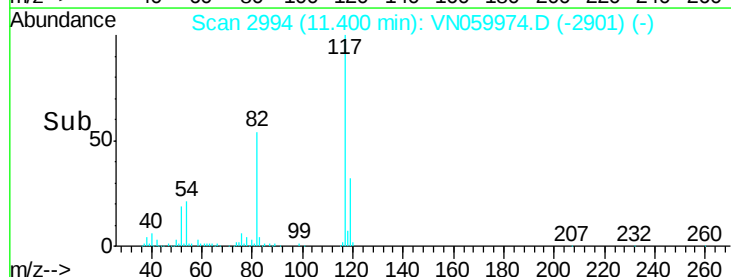
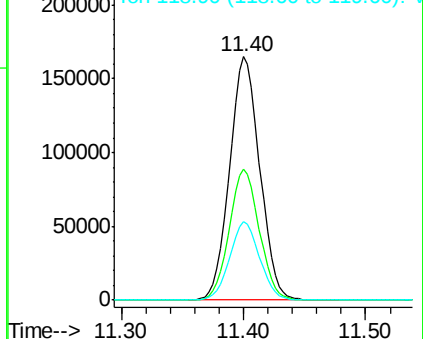
119 32.0 25.5 38.3

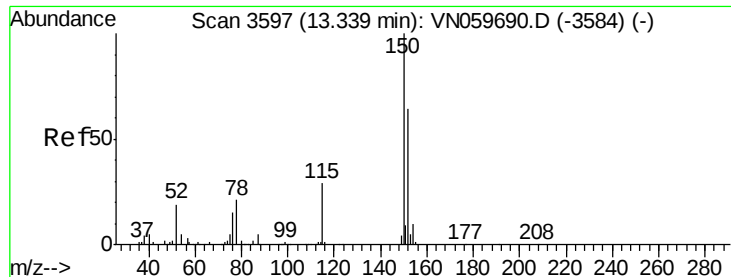


Abundance Ion 116.90 (116.60 to 117.60): VN059974.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059974.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059974.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059974.D

Acq: 3 Feb 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB126526ZHE#09

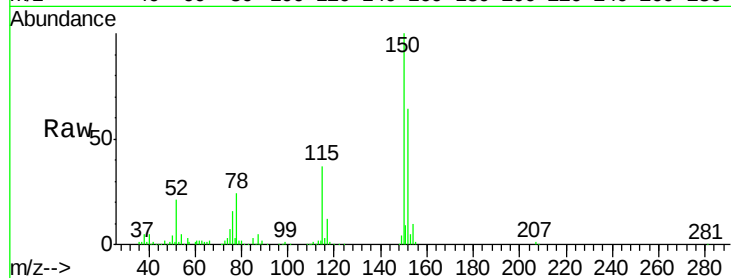
Tot Ion:152 Resp: 126108

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 155.1 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

