

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059705.D
 Acq On : 14 Jan 2020 13:59
 Operator : JC/MD
 Sample : PB126072ZHE#21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126072ZHE#21

Quant Time: Jan 14 23:05:51 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

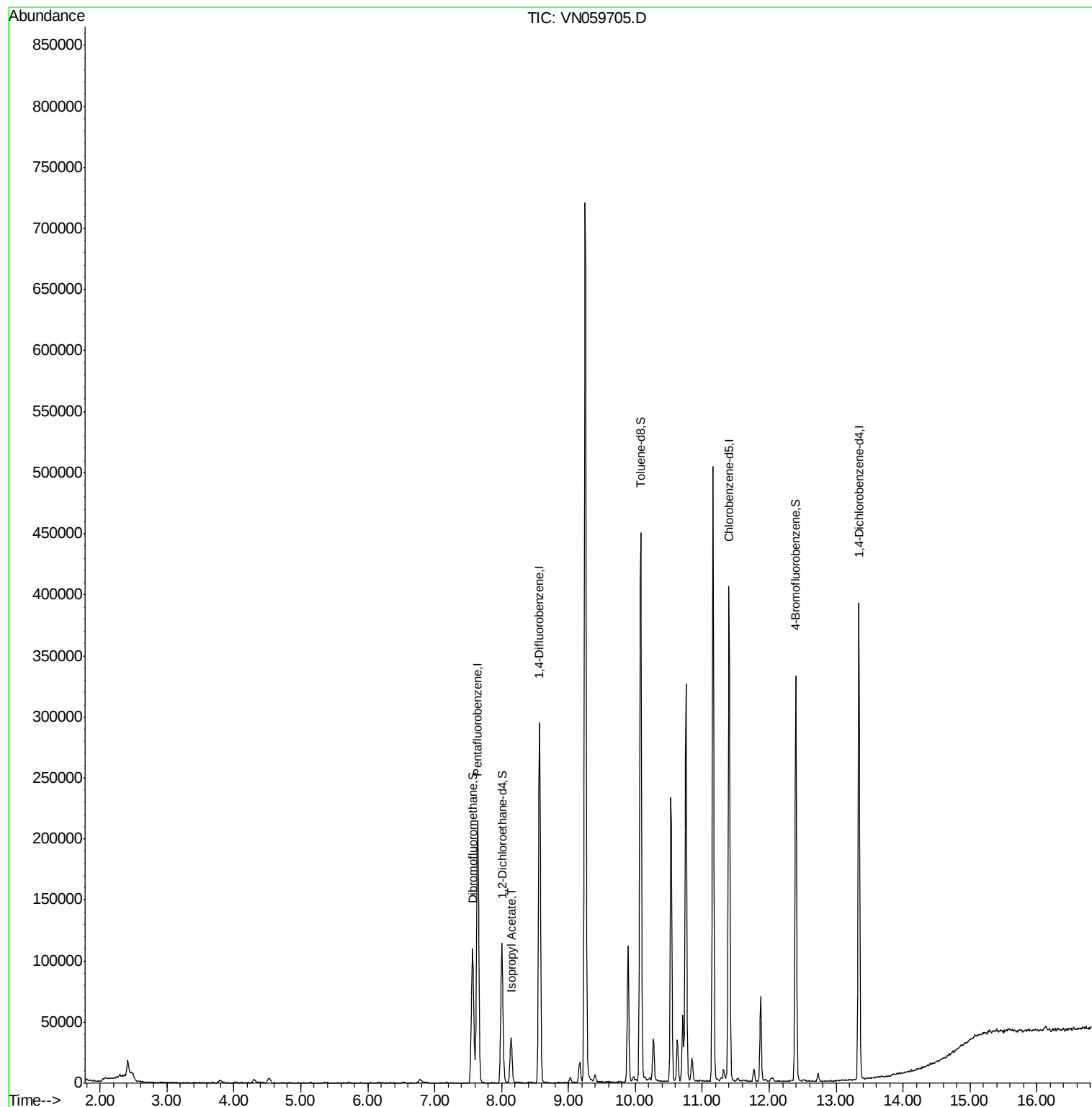
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	275646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96503	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	7.57	113	84403	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.08	98	316861	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	112172	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	43573	11.252	ug/l #	Qvalue 91

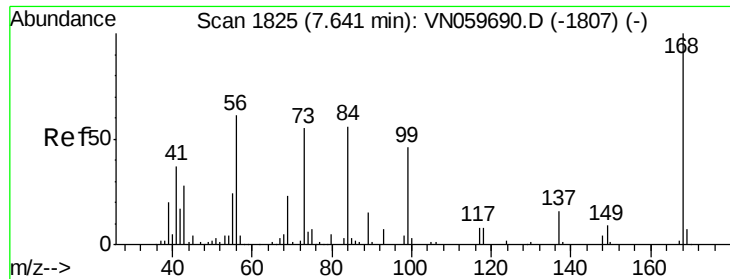
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN059705.D

Acq: 14 Jan 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

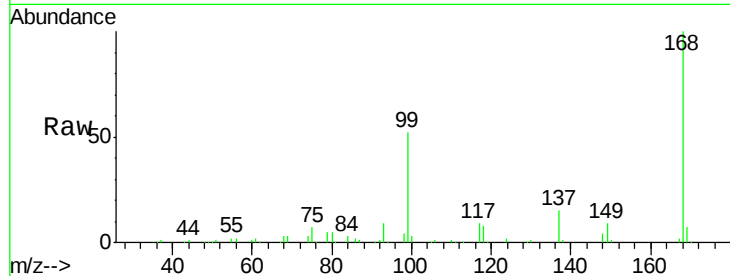
PB126072ZHE#21

Tot Ion:168 Resp: 184971

Ion Ratio Lower Upper

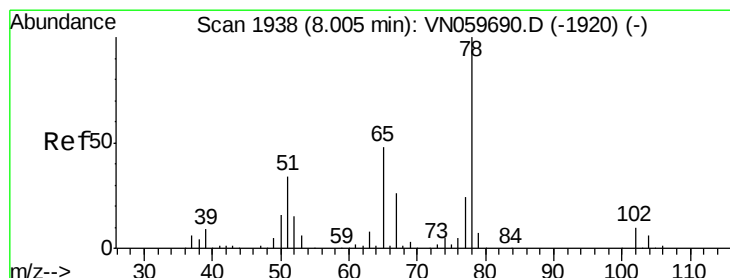
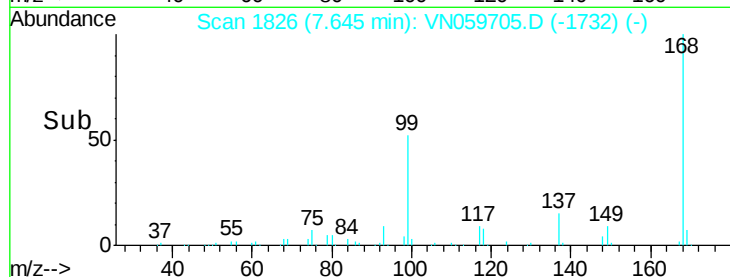
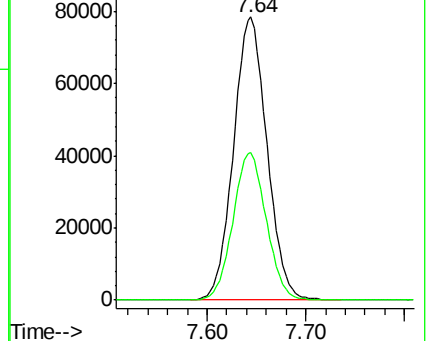
168 100

99 52.0 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: 46.980 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059705.D

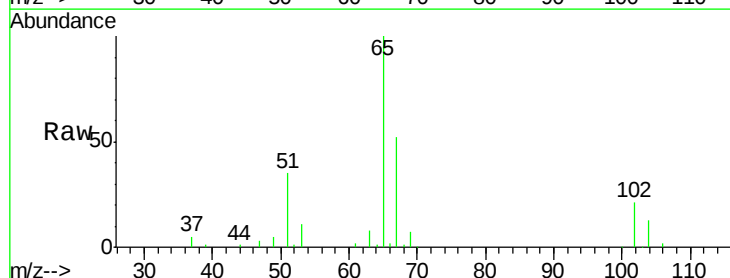
Acq: 14 Jan 2020 13:59

Tgt Ion: 65 Resp: 96503

Ion Ratio Lower Upper

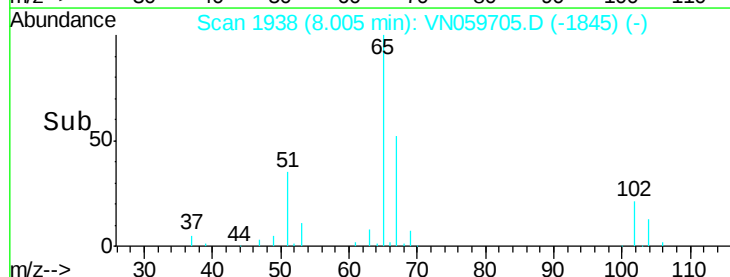
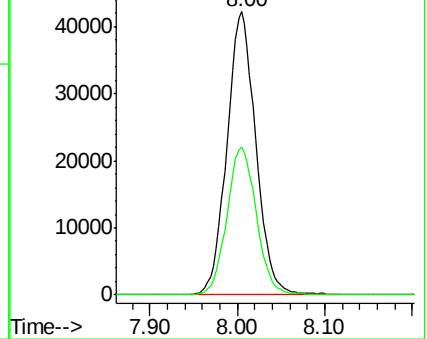
65 100

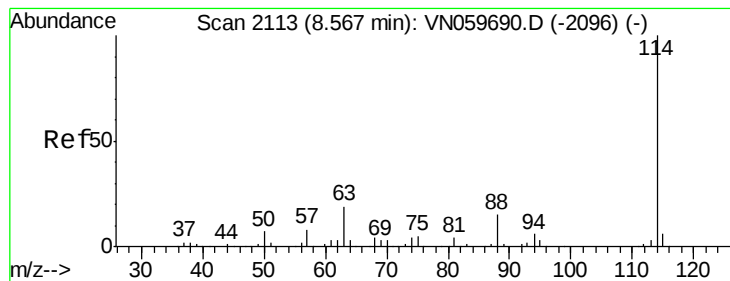
67 53.2 0.0 103.0



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: VN059705.D

Acq: 14 Jan 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#21

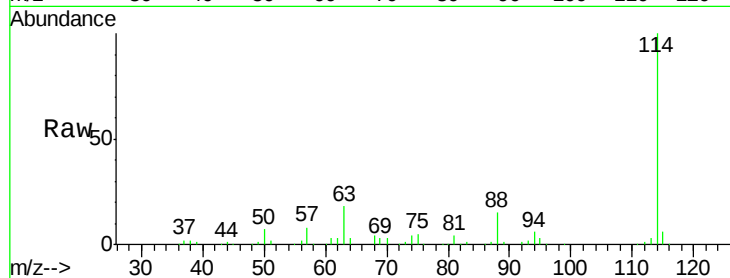
Tot Ion:114 Resp: 275646

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.6

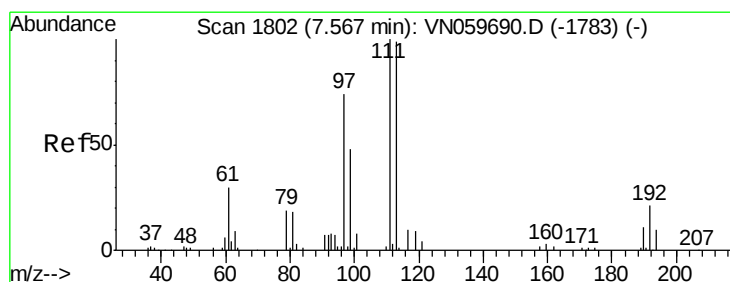
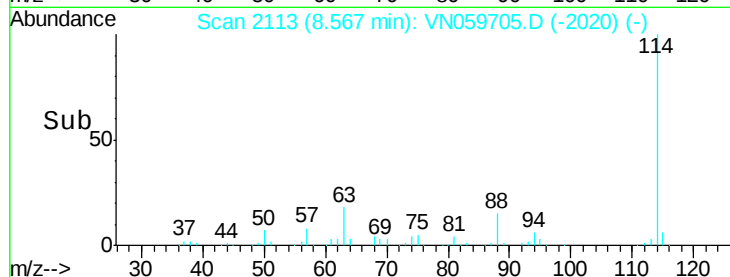
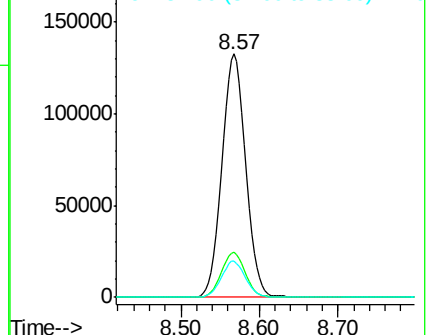
88 14.8 0.0 31.4



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: 51.346 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059705.D

Acq: 14 Jan 2020 13:59

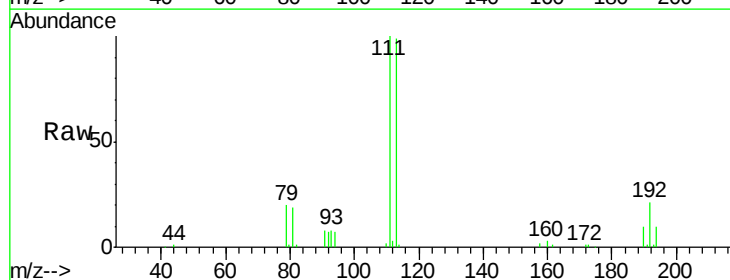
Tgt Ion:113 Resp: 84403

Ion Ratio Lower Upper

113 100

111 102.0 83.5 125.3

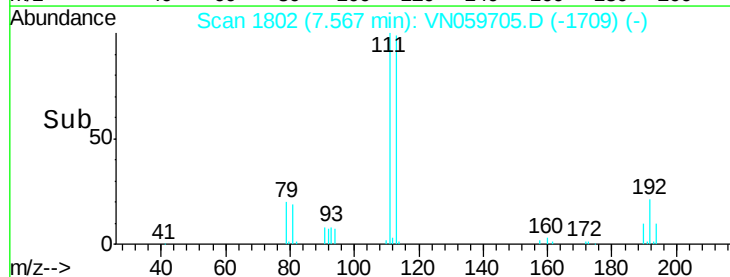
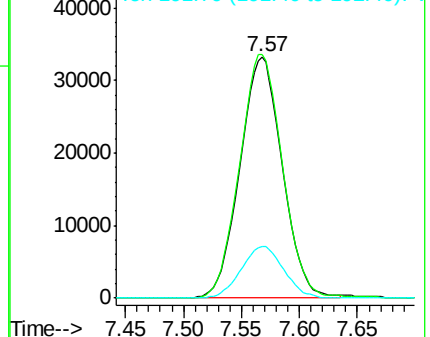
192 21.5 15.4 23.2

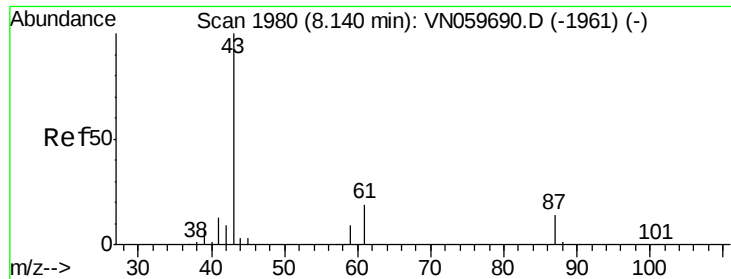


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.252 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059705.D

Acq: 14 Jan 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#21

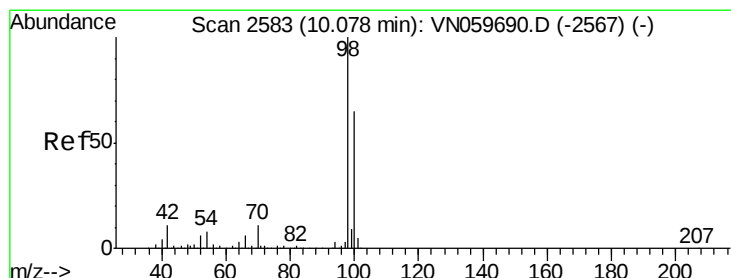
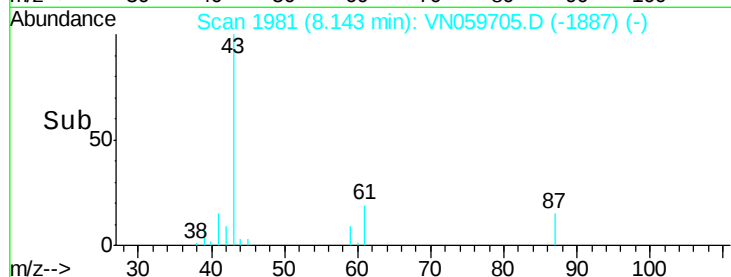
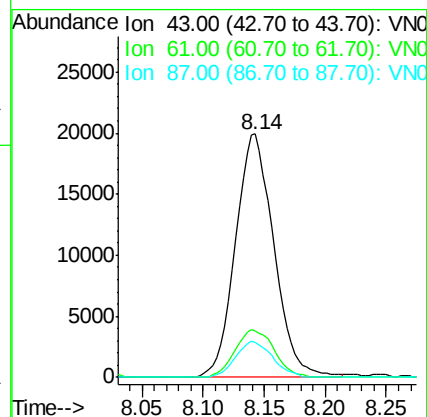
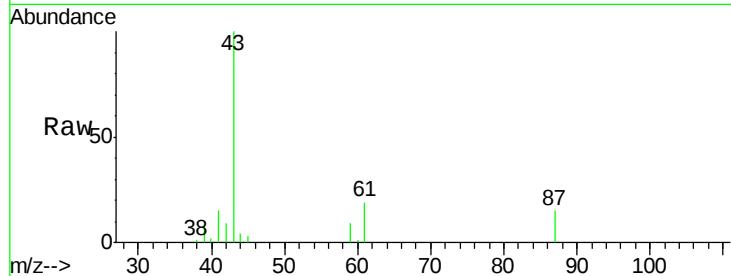
Tot Ion: 43 Resp: 43573

Ion Ratio Lower Upper

43 100

61 19.8 20.2 30.2#

87 14.3 9.5 14.3



#50

Toluene-d8

Concen: 49.751 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059705.D

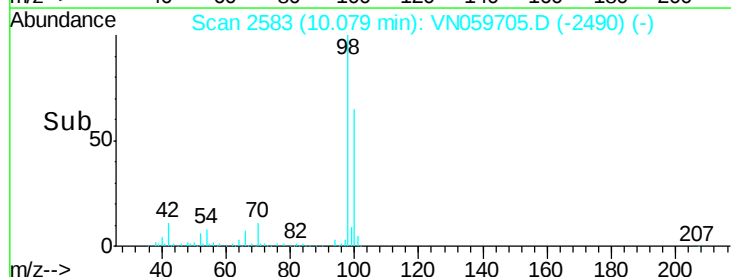
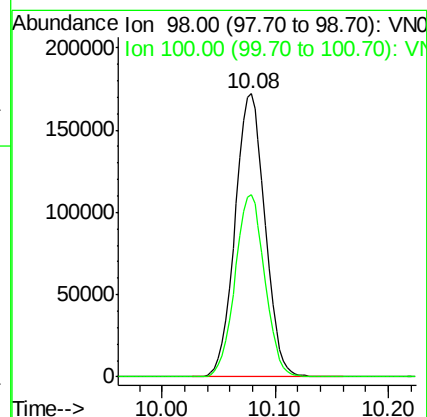
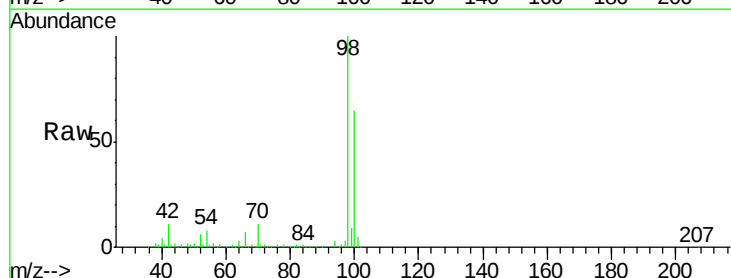
Acq: 14 Jan 2020 13:59

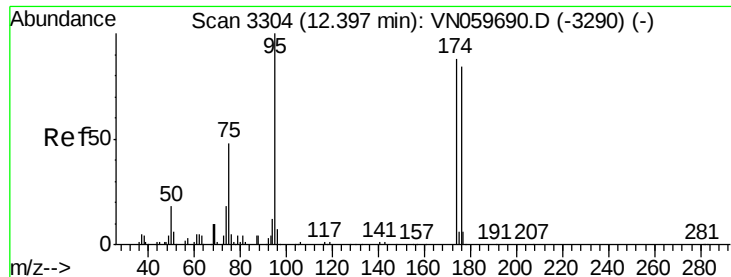
Tgt Ion: 98 Resp: 316861

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 48.856 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059705.D

Acq: 14 Jan 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#21

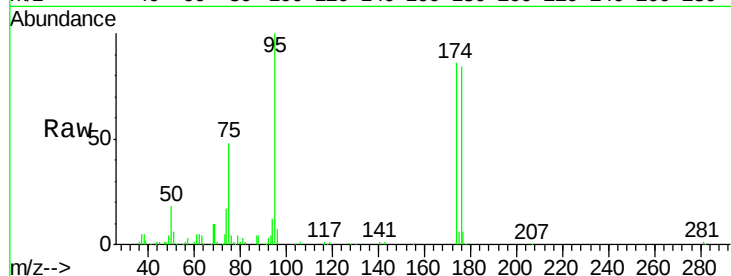
Tot Ion: 95 Resp: 112172

Ion Ratio Lower Upper

95 100

174 86.3 0.0 151.4

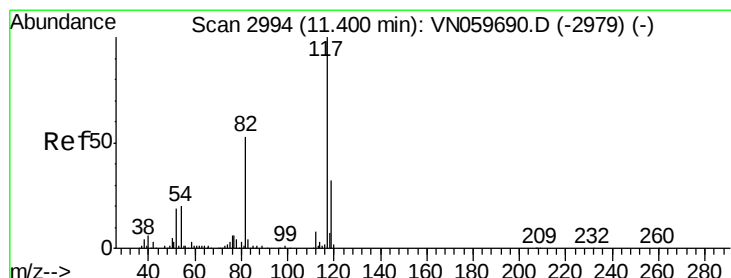
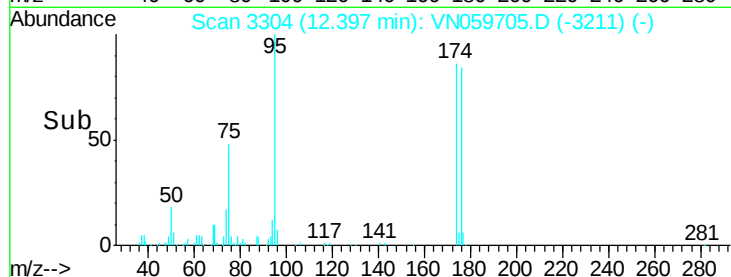
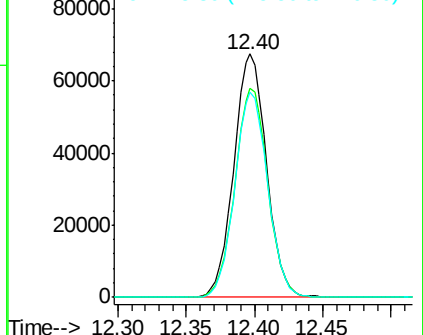
176 84.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059705.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059705.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059705.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059705.D

Acq: 14 Jan 2020 13:59

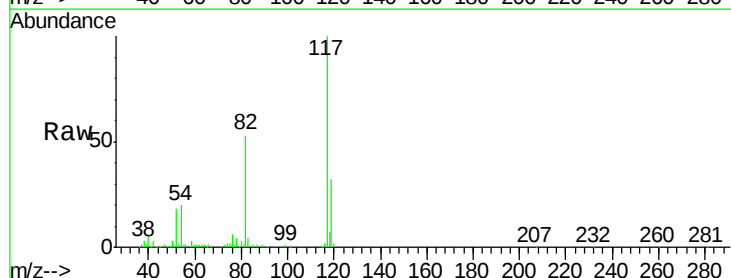
Tgt Ion: 117 Resp: 241034

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

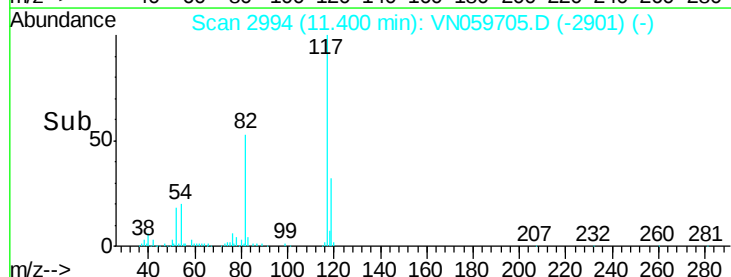
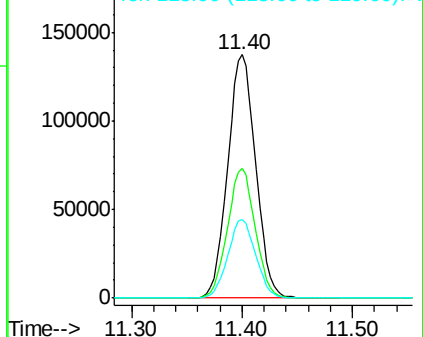
119 32.3 25.5 38.3

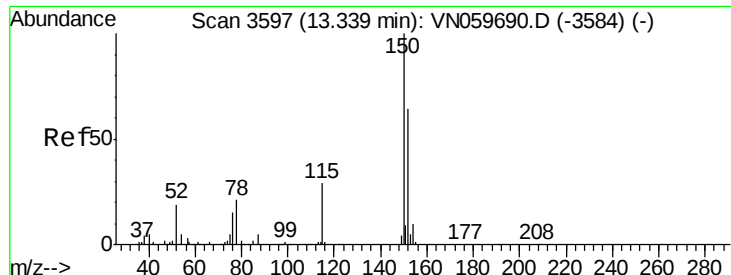


Abundance Ion 116.90 (116.60 to 117.60): VN059705.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059705.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059705.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: VN059705.D

Acq: 14 Jan 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#21

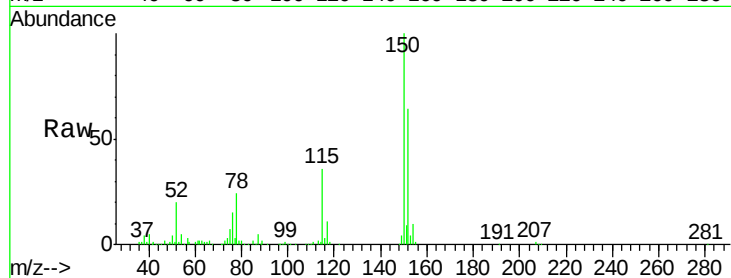
Tot Ion:152 Resp: 107791

Ion Ratio Lower Upper

152 100

115 56.9 30.3 90.9

150 155.3 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

