

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012720\
 Data File : VN059872.D
 Acq On : 27 Jan 2020 15:06
 Operator : JC/MD
 Sample : PB126348TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126348TB

Quant Time: Jan 27 15:32:32 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

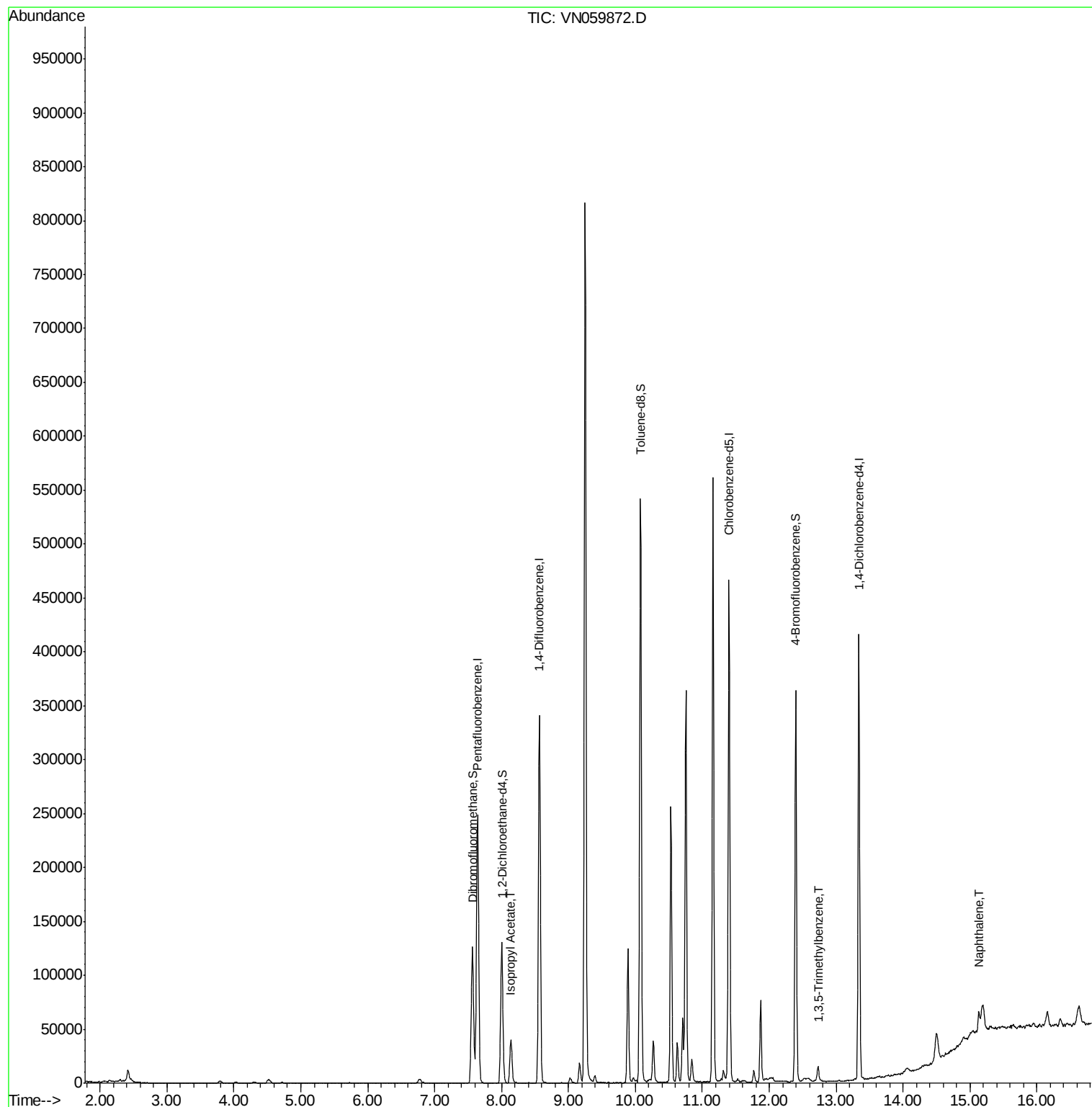
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	217458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	323101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	280183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	115340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112144	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	7.57	113	95007	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.08	98	375707	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	122894	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	48882	10.769	ug/l #	91
80) 1,3,5-Trimethylbenzene	12.73	105	6952	0.977	ug/l	98
95) Naphthalene	15.13	128	16327	2.597	ug/l	98

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

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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# 1825

Delta R.T. 0.00 min

Lab File: VN059872.D

Acq: 27 Jan 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

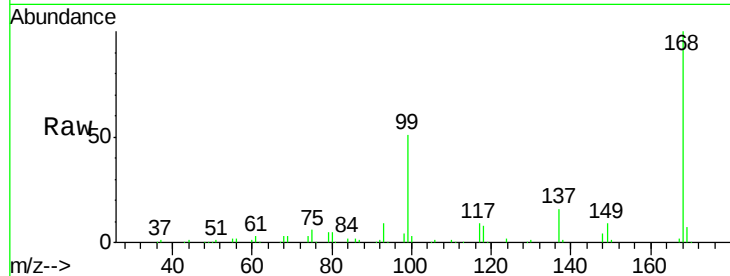
PB126348TB

Tot Ion:168 Resp: 217458

Ion Ratio Lower Upper

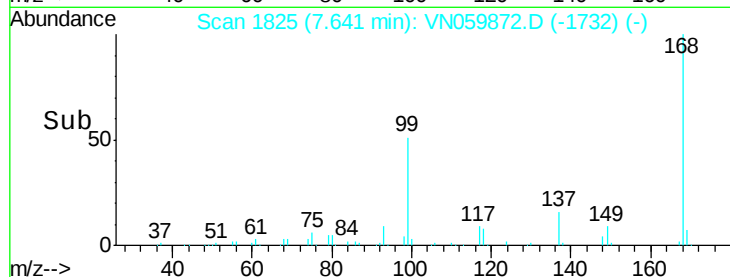
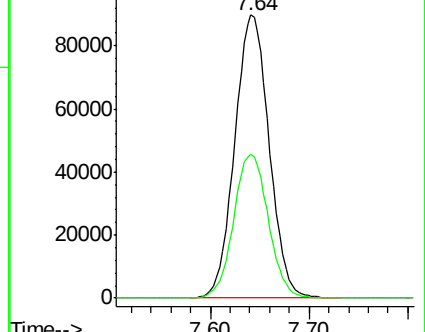
168 100

99 50.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059872.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059872.D (-1732) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.438 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059872.D

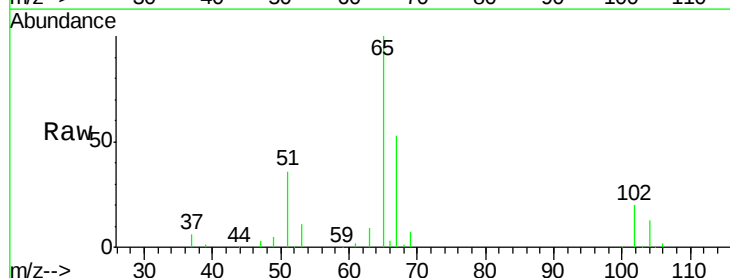
Acq: 27 Jan 2020 15:06

Tgt Ion: 65 Resp: 112144

Ion Ratio Lower Upper

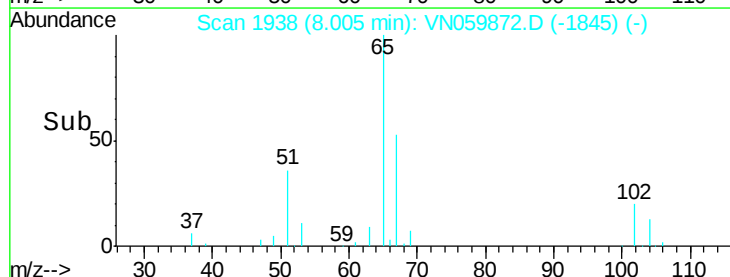
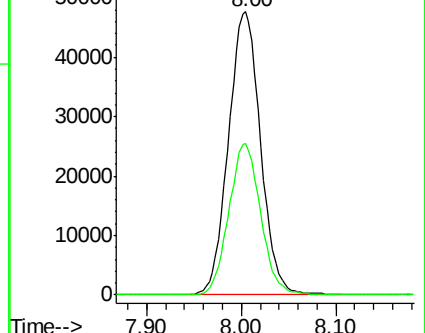
65 100

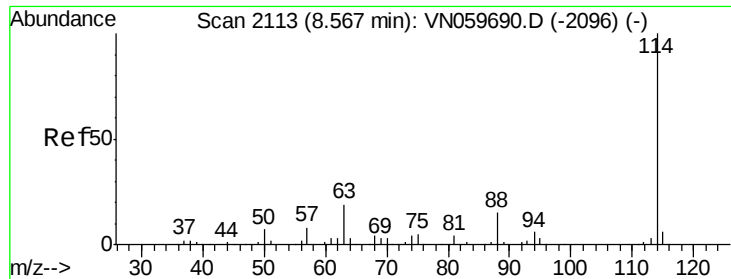
67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059872.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059872.D (-1845) (-)

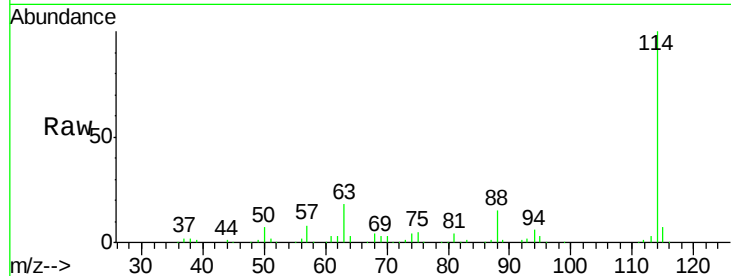




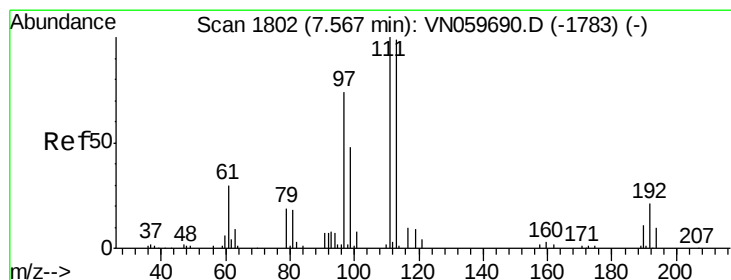
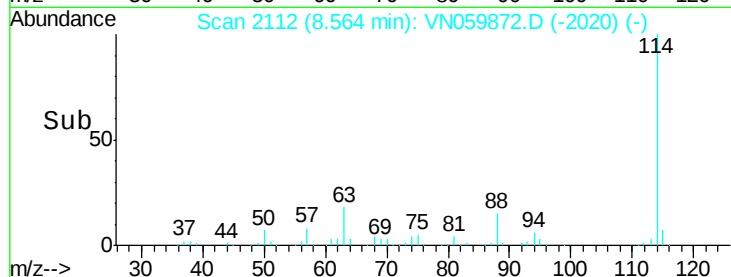
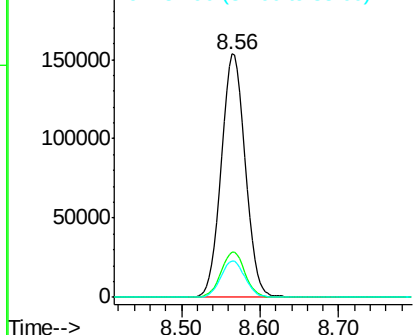
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059872.D
Acq: 27 Jan 2020 15:06

Instrument :
MSVOA_N
ClientSampleId :
PB126348TB

Tot Ion:114 Resp: 323101
Ion Ratio Lower Upper
114 100
63 18.5 0.0 43.6
88 15.2 0.0 31.4

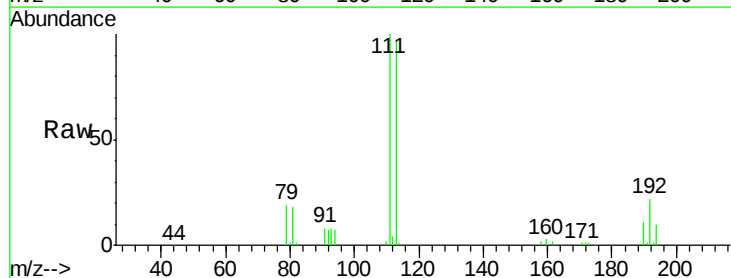


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

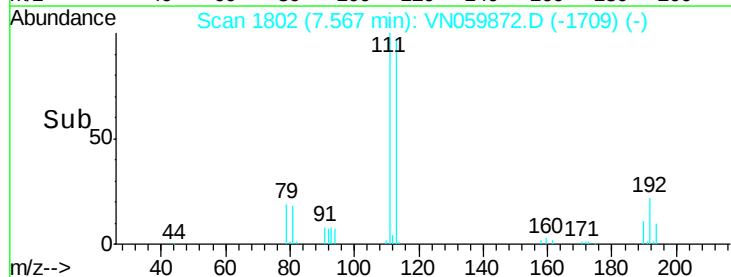
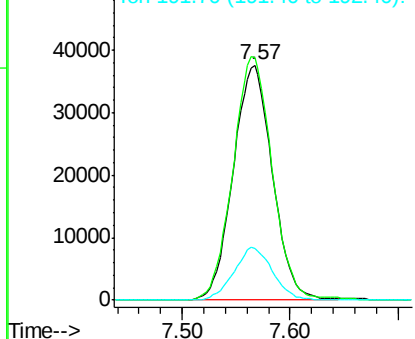


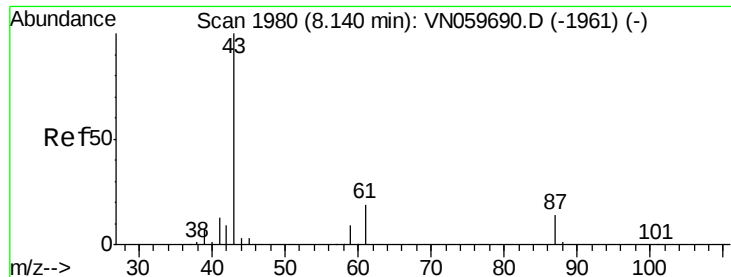
#35
Dibromofluoromethane
Concen: 49.308 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059872.D
Acq: 27 Jan 2020 15:06

Tgt Ion:113 Resp: 95007
Ion Ratio Lower Upper
113 100
111 104.2 83.5 125.3
192 21.9 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: 10.769 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059872.D

Acq: 27 Jan 2020 15:06

Instrument :

MSVOA_N

ClientSampled :

PB126348TB

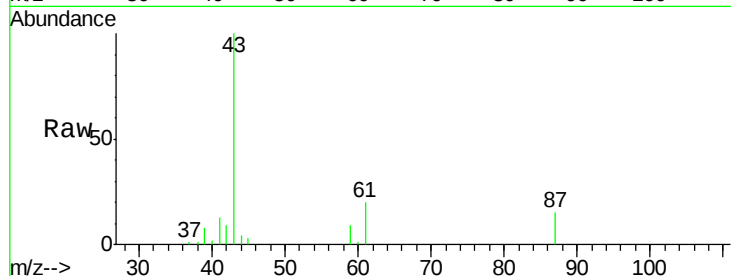
Tot Ion: 43 Resp: 48882

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

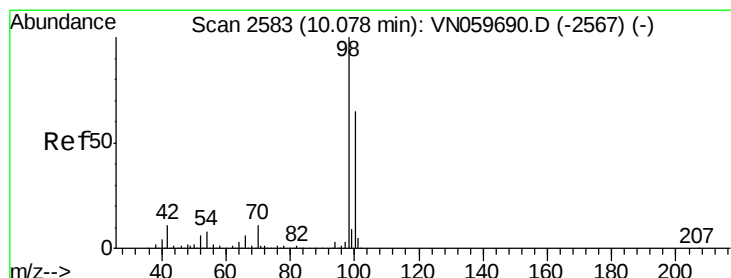
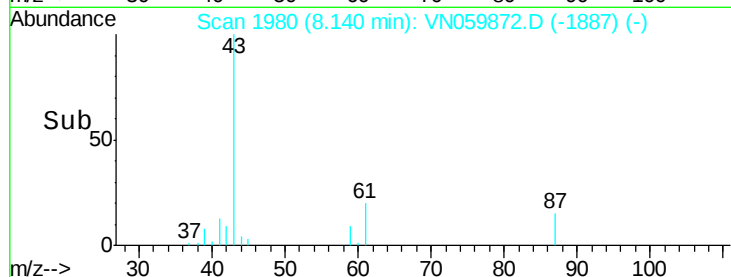
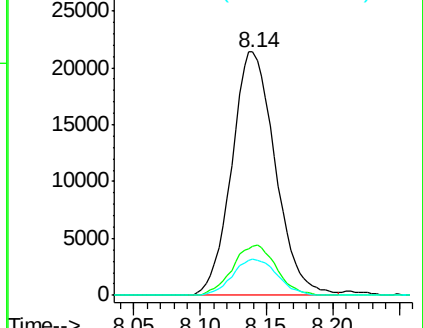
87 15.1 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.327 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059872.D

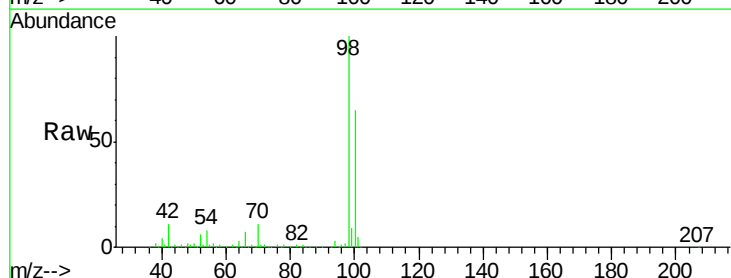
Acq: 27 Jan 2020 15:06

Tgt Ion: 98 Resp: 375707

Ion Ratio Lower Upper

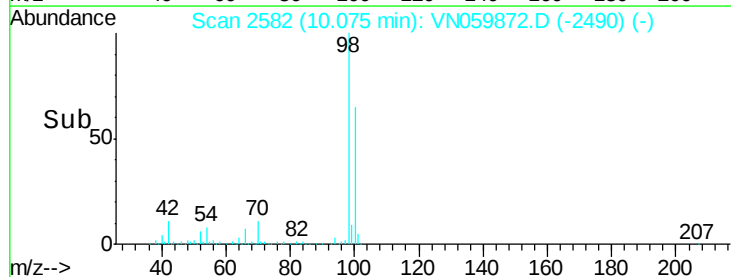
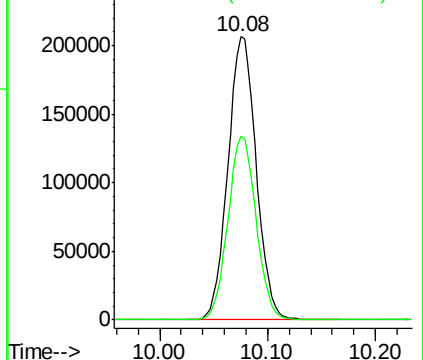
98 100

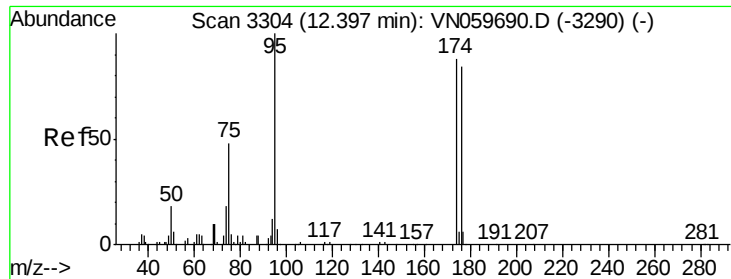
100 64.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.664 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059872.D

Acq: 27 Jan 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

PB126348TB

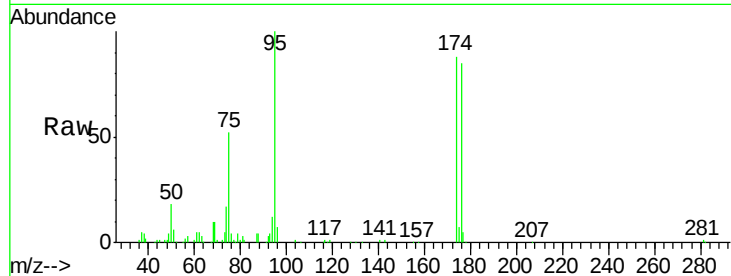
Tot Ion: 95 Resp: 122894

Ion Ratio Lower Upper

95 100

174 89.0 0.0 151.4

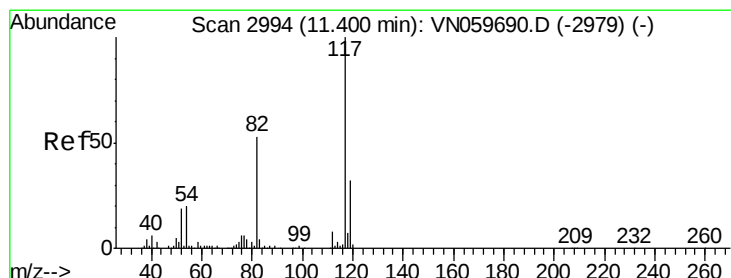
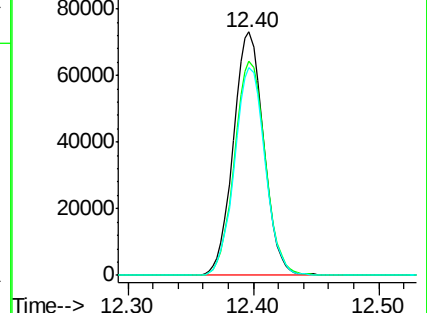
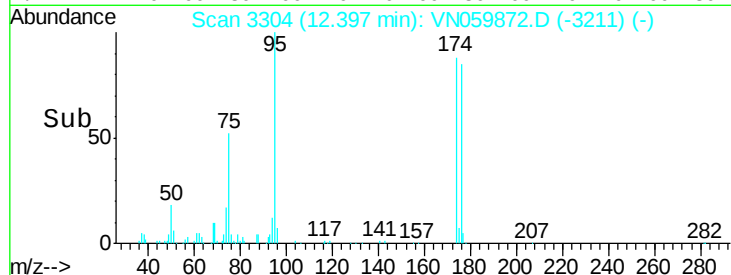
176 85.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059872.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059872.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059872.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059872.D

Acq: 27 Jan 2020 15:06

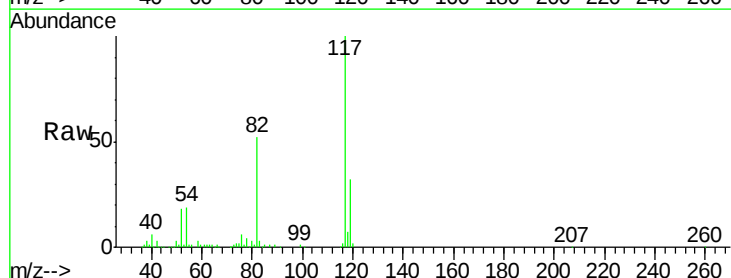
Tgt Ion: 117 Resp: 280183

Ion Ratio Lower Upper

117 100

82 52.0 45.9 68.9

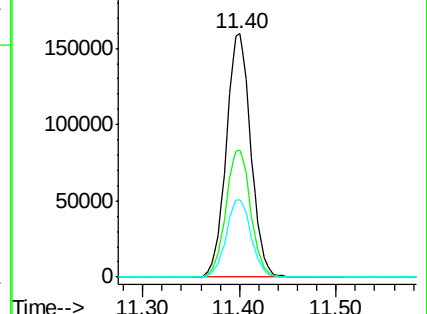
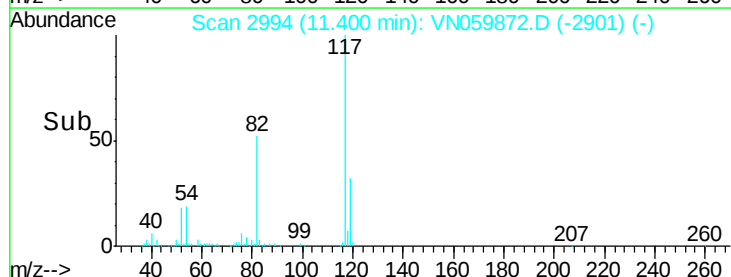
119 31.8 25.5 38.3

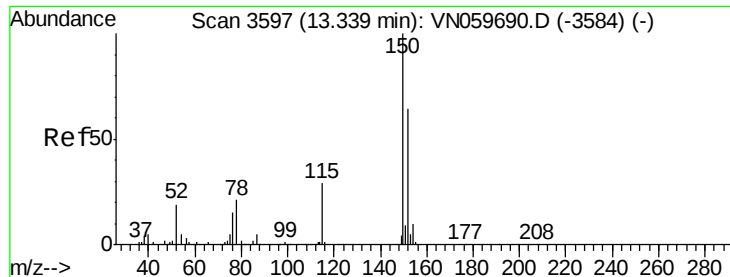


Abundance Ion 116.90 (116.60 to 117.60): VN059872.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059872.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059872.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: VN059872.D

Acq: 27 Jan 2020 15:06

Instrument :

MSVOA_N

ClientSampleId :

PB126348TB

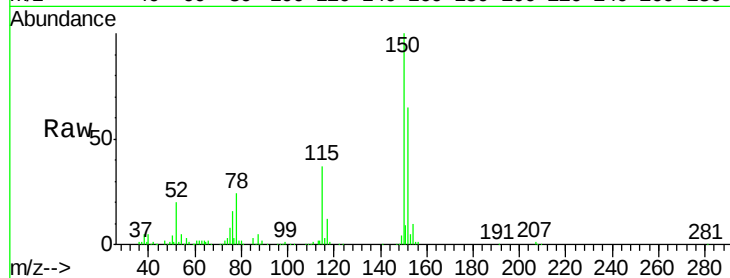
Tot Ion:152 Resp: 115340

Ion Ratio Lower Upper

152 100

115 57.0 30.3 90.9

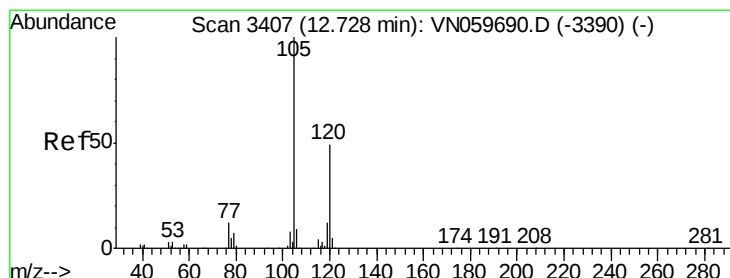
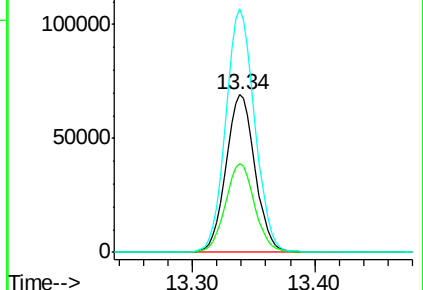
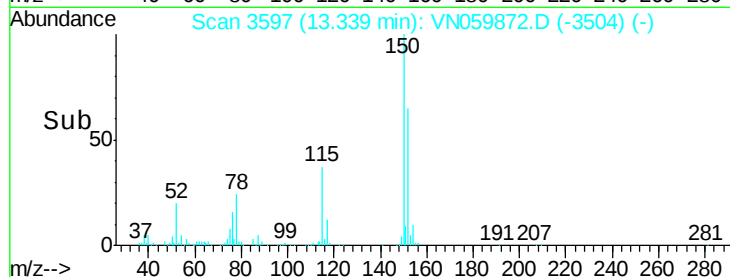
150 154.0 0.0 345.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.977 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059872.D

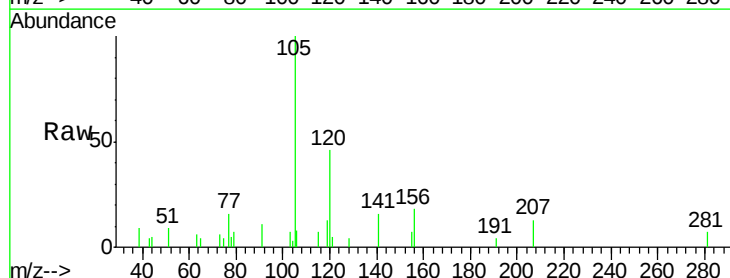
Acq: 27 Jan 2020 15:06

Tgt Ion:105 Resp: 6952

Ion Ratio Lower Upper

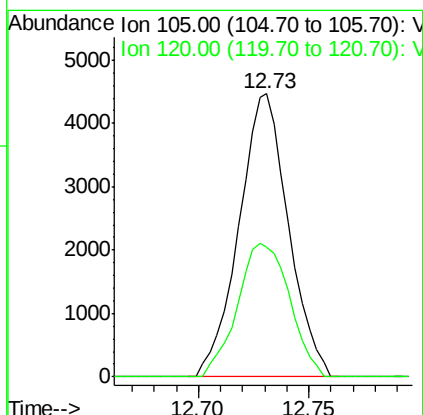
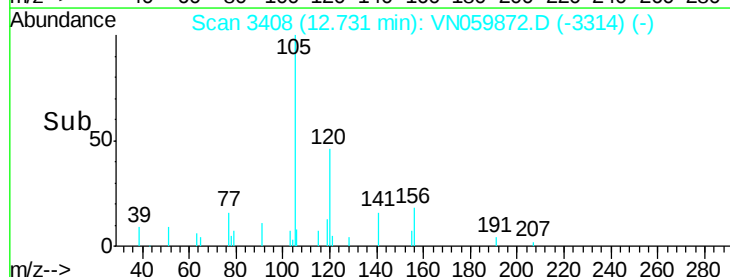
105 100

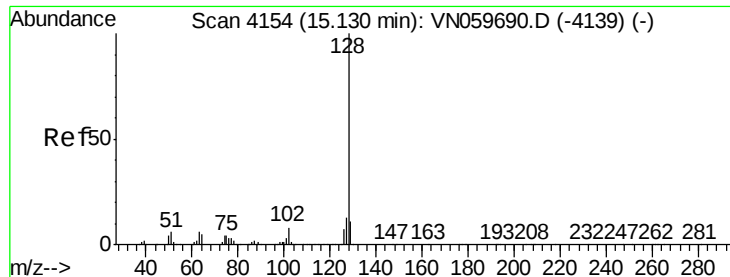
120 49.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.597 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059872.D

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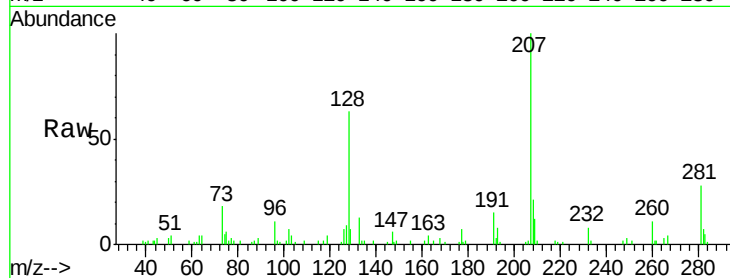
Tot Ion:128 Resp: 16327

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

