

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059797.D
 Acq On : 20 Jan 2020 19:14
 Operator : JC/MD
 Sample : PB126173ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#17

Quant Time: Jan 21 03:11:06 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

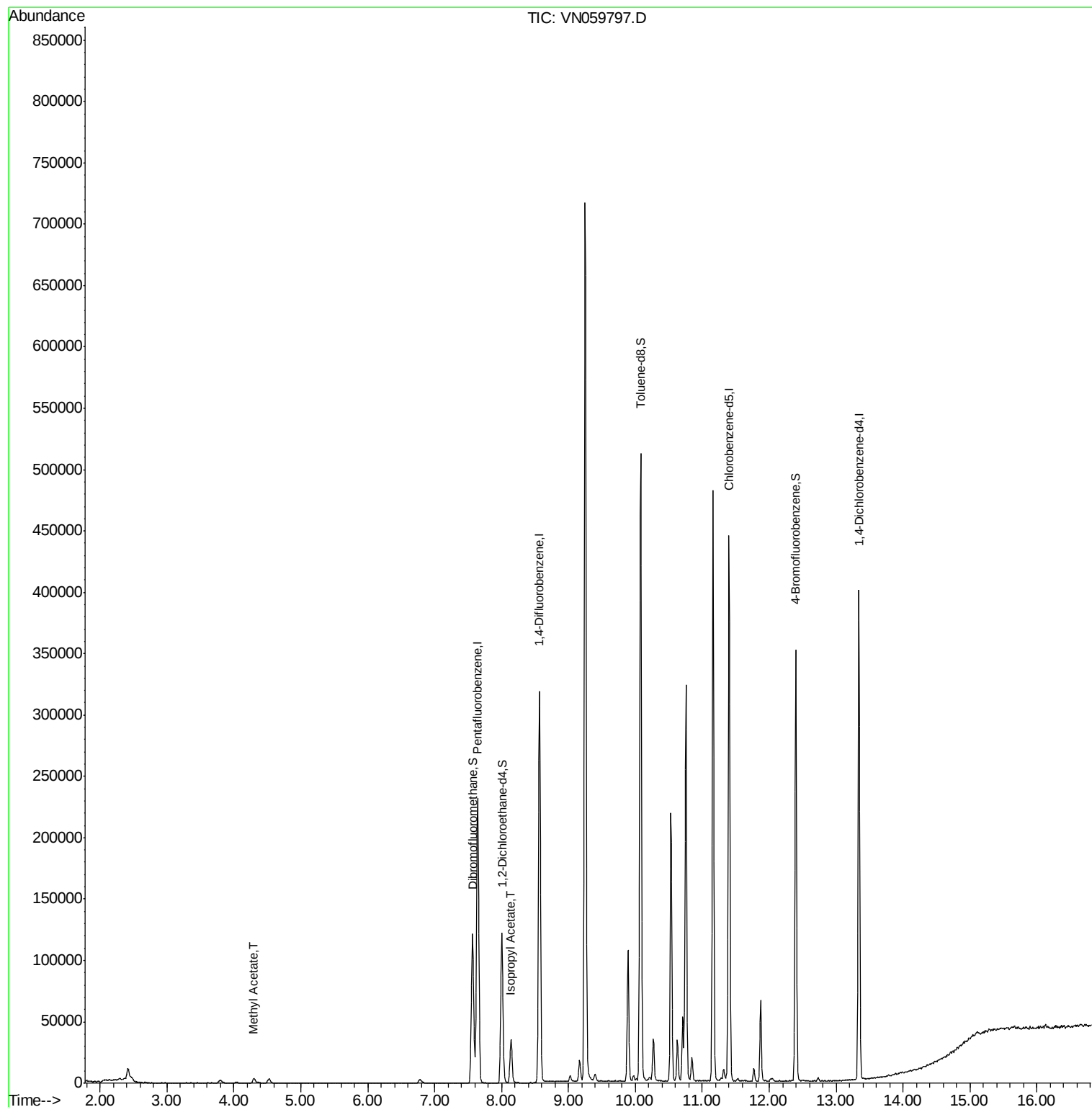
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	265051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110163	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105222	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.57	113	93266	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.08	98	351284	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.40	95	118199	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
Target Compounds						
18) Methyl Acetate	4.30	43	6753	2.581	ug/l	92
43) Isopropyl Acetate	8.14	43	42536	10.011	ug/l #	91

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

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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: VN059797.D

Acq: 20 Jan 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

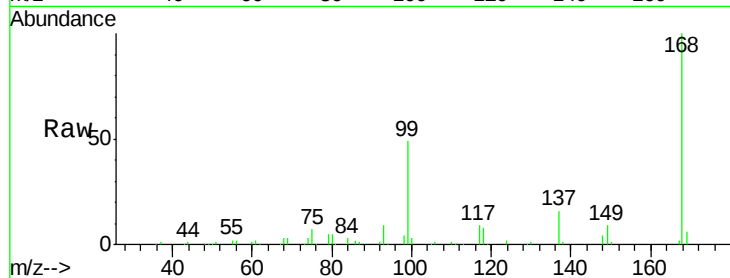
PB126173ZHE#17

Tot Ion:168 Resp: 201707

Ion Ratio Lower Upper

168 100

99 49.3 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

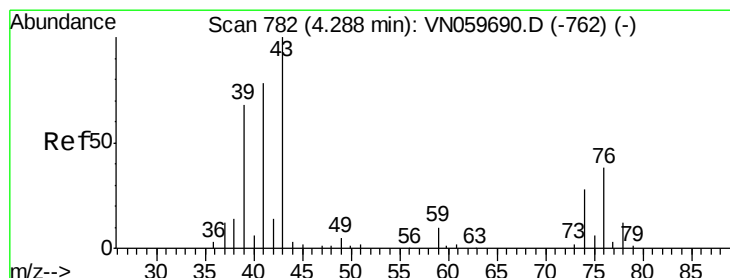
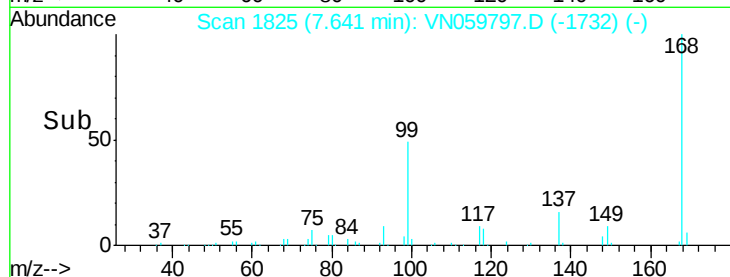
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.581 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN059797.D

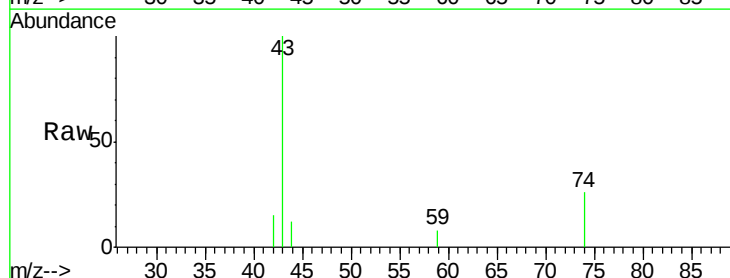
Acq: 20 Jan 2020 19:14

Tgt Ion: 43 Resp: 6753

Ion Ratio Lower Upper

43 100

74 25.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.30

2500

2000

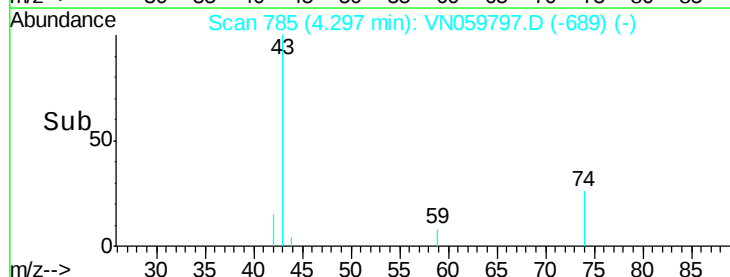
1500

1000

500

0

Time--> 4.25 4.30 4.35

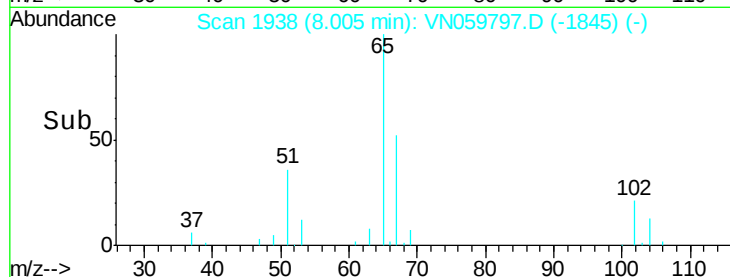
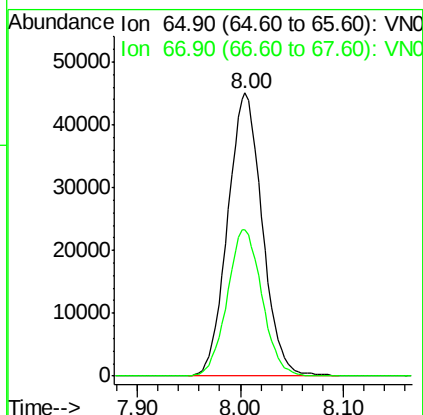
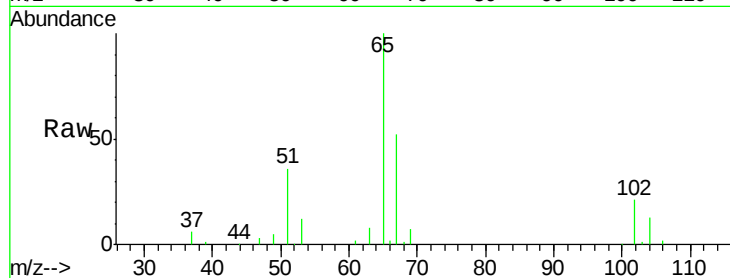




#33
 1,2-Dichloroethane-d4
 Concen: 46.974 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059797.D
 Acq: 20 Jan 2020 19:14

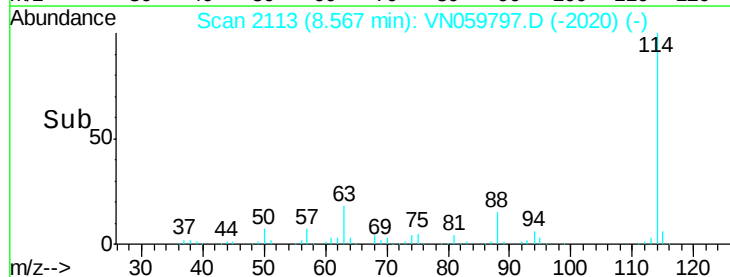
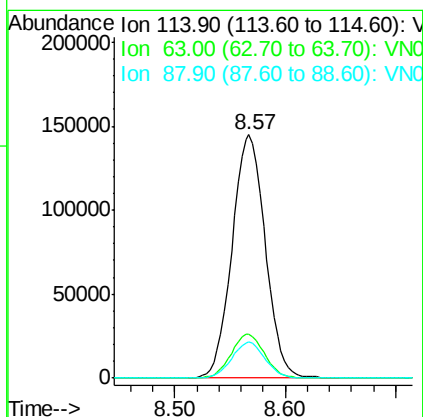
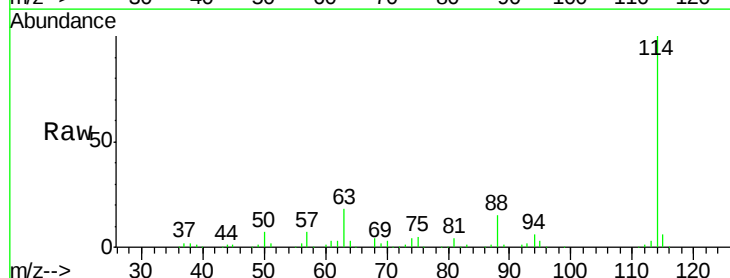
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#17

Tot Ion: 65 Resp: 105222
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VN059797.D
 Acq: 20 Jan 2020 19:14

Tgt Ion: 114 Resp: 302448
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.6
 88 15.1 0.0 31.4

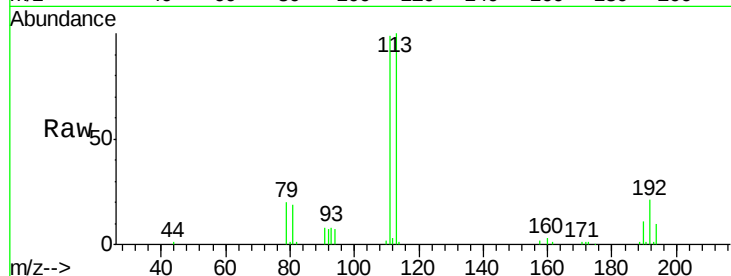




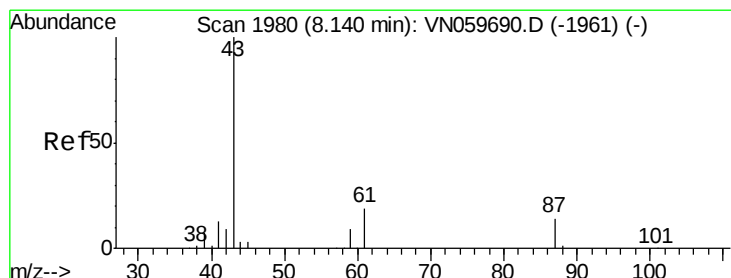
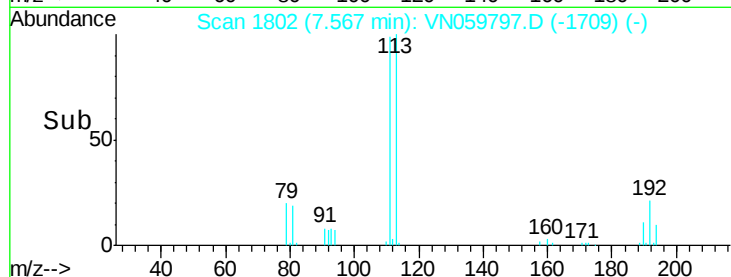
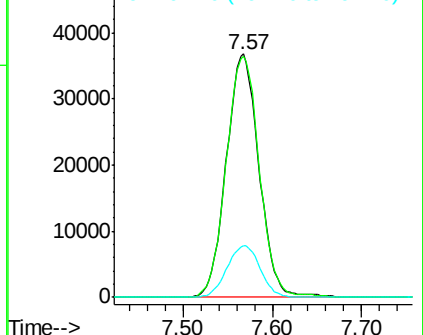
#35
 Dibromofluoromethane
 Concen: 51.710 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059797.D
 Acq: 20 Jan 2020 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#17

Tot Ion:113 Resp: 93266
 Ion Ratio Lower Upper
 113 100
 111 100.0 83.5 125.3
 192 21.6 15.4 23.2

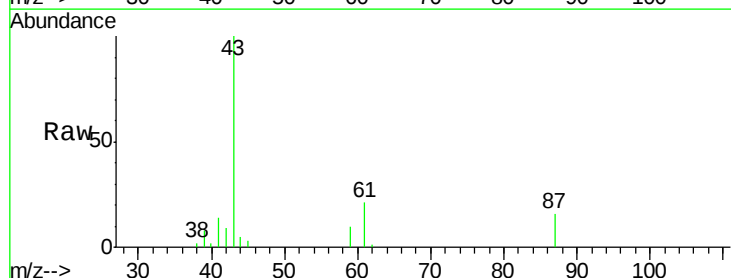


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

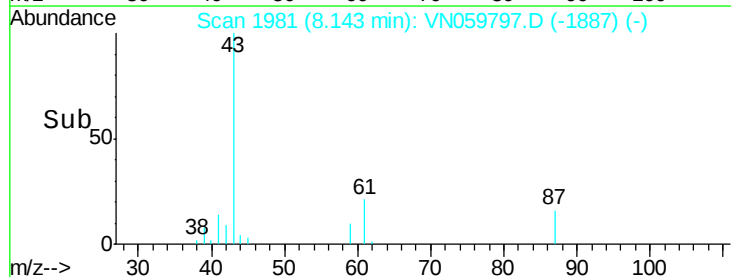
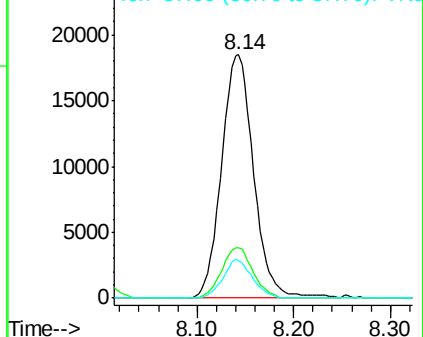


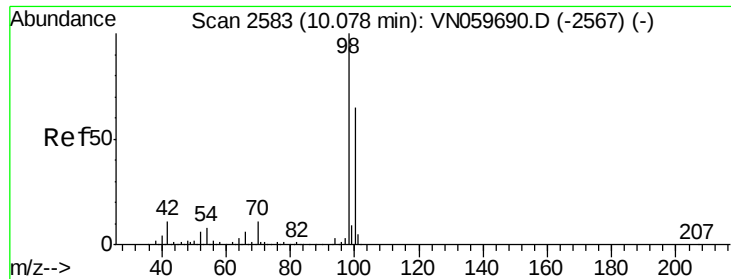
#43
 Isopropyl Acetate
 Concen: 10.011 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059797.D
 Acq: 20 Jan 2020 19:14

Tgt Ion: 43 Resp: 42536
 Ion Ratio Lower Upper
 43 100
 61 20.1 20.2 30.2#
 87 14.3 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: 50.268 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059797.D

Acq: 20 Jan 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

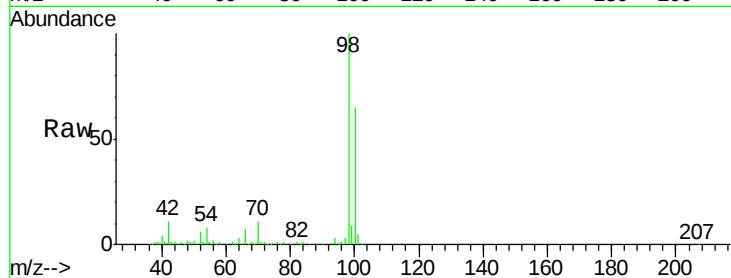
PB126173ZHE#17

Tot Ion: 98 Resp: 351284

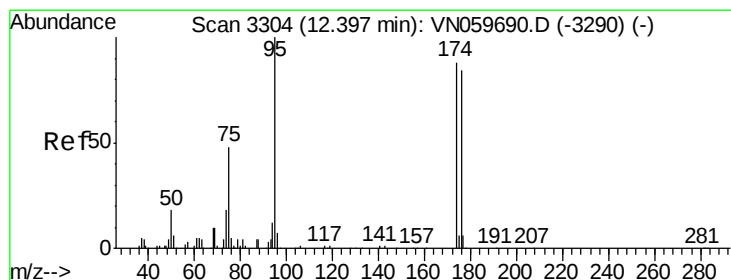
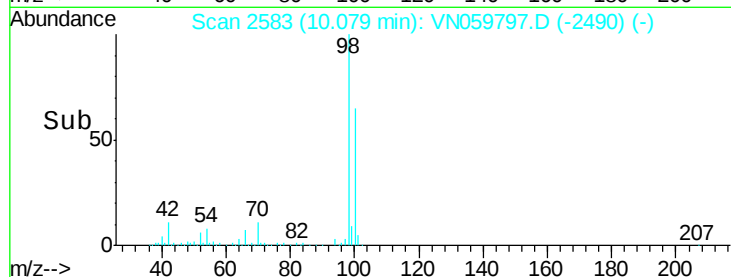
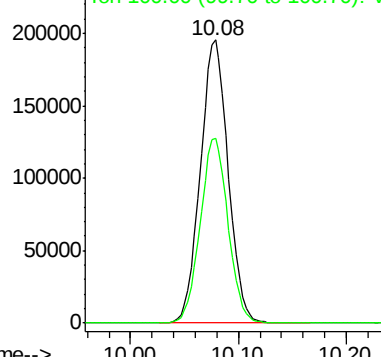
Ion Ratio Lower Upper

98 100

100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 46.919 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059797.D

Acq: 20 Jan 2020 19:14

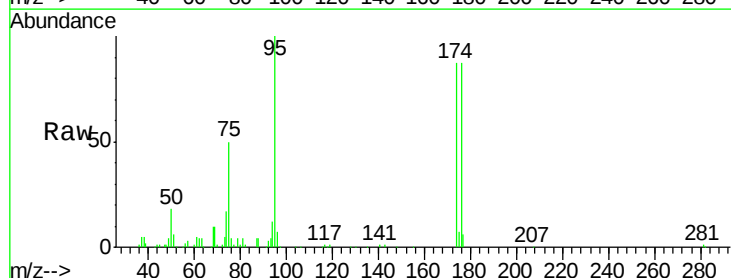
Tgt Ion: 95 Resp: 118199

Ion Ratio Lower Upper

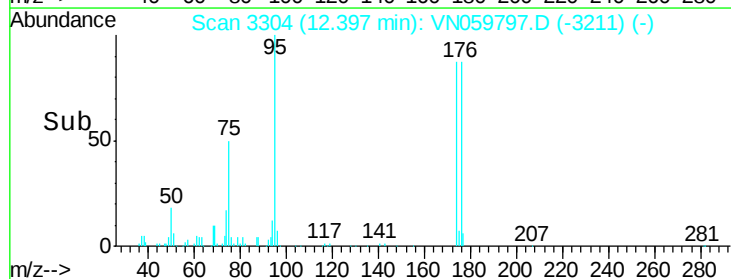
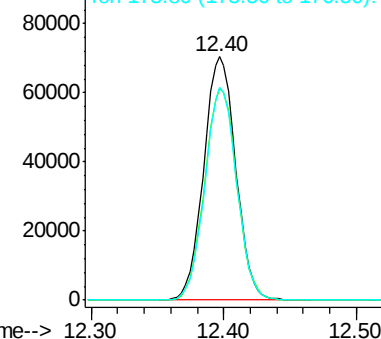
95 100

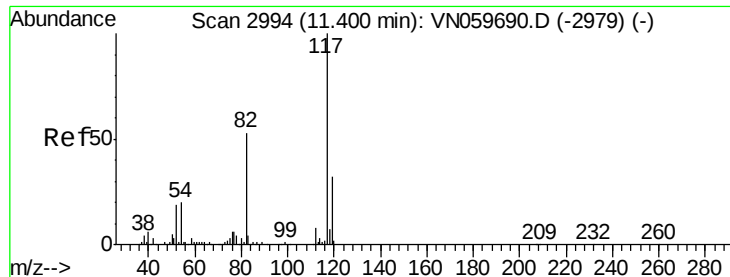
174 87.8 0.0 151.4

176 86.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059797.D

Acq: 20 Jan 2020 19:14

Instrument :

MSVOA_N

ClientSampleId :

PB126173ZHE#17

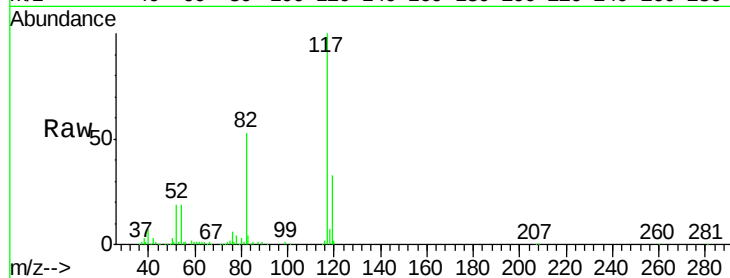
Tot Ion:117 Resp: 265051

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

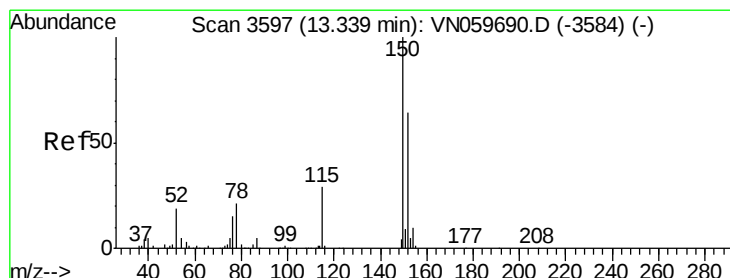
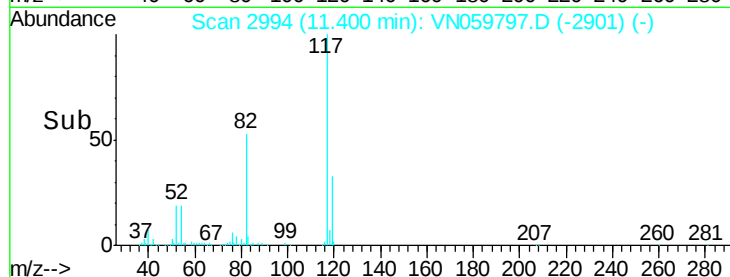
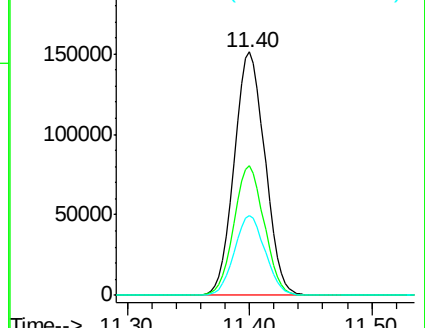
119 33.0 25.5 38.3



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: VN059797.D

Acq: 20 Jan 2020 19:14

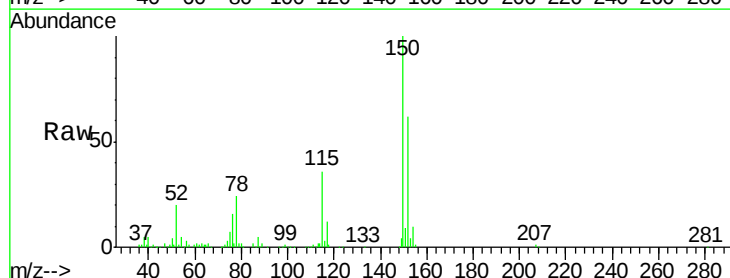
Tgt Ion:152 Resp: 110163

Ion Ratio Lower Upper

152 100

115 57.3 30.3 90.9

150 156.5 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

