

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056451.D
 Acq On : 24 Jun 2019 13:25
 Operator : JC/SP
 Sample : PB120834ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#06

Quant Time: Jun 25 01:50:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

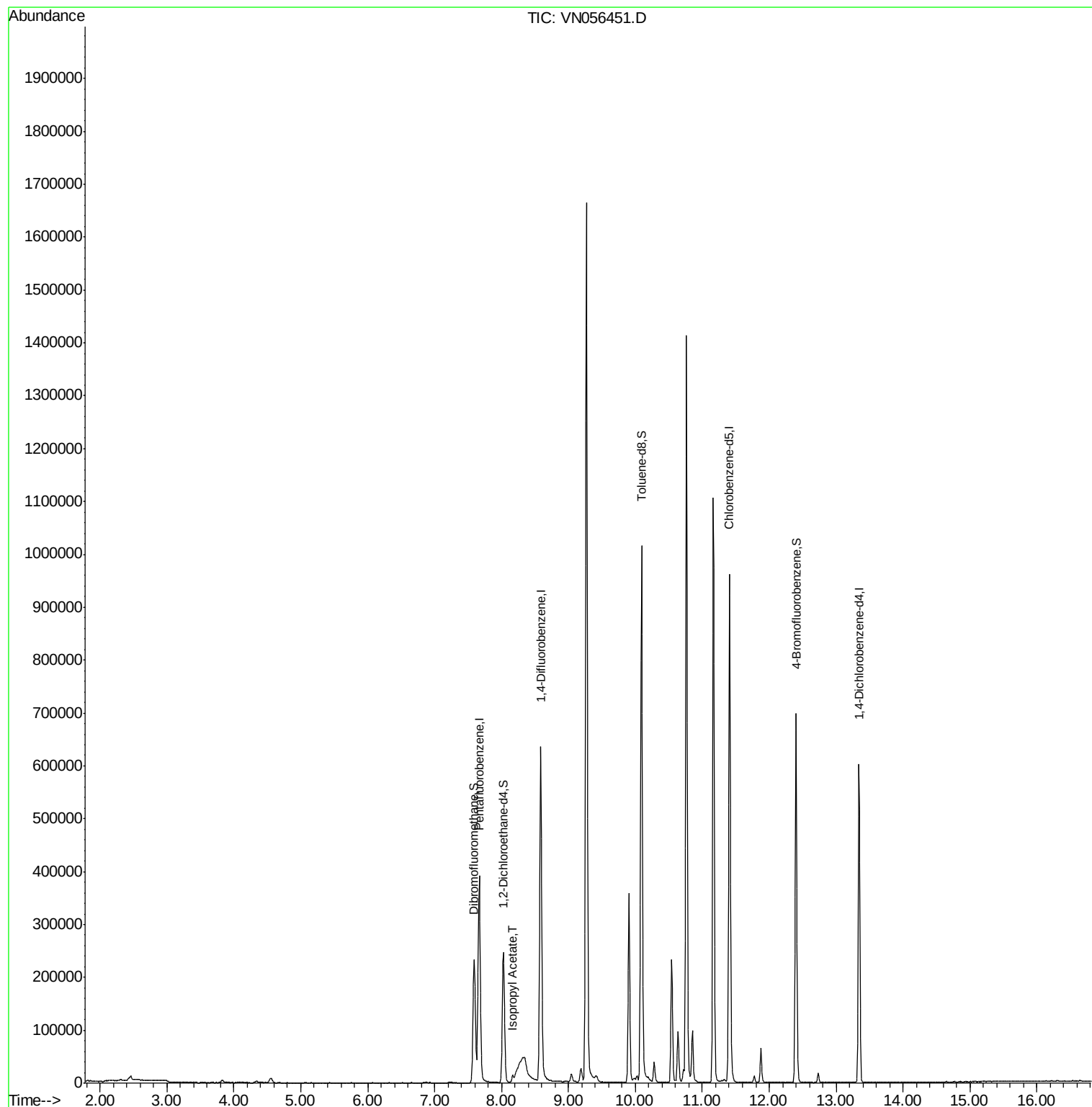
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	363604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	621516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	612065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	209494	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
35) Dibromofluoromethane	7.59	113	181552	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
50) Toluene-d8	10.09	98	772487	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	247704	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	14357	1.732	ug/l #	94

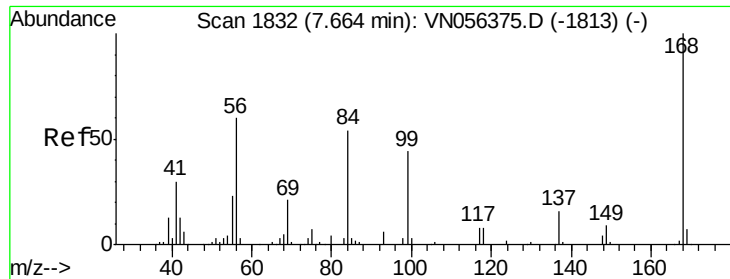
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

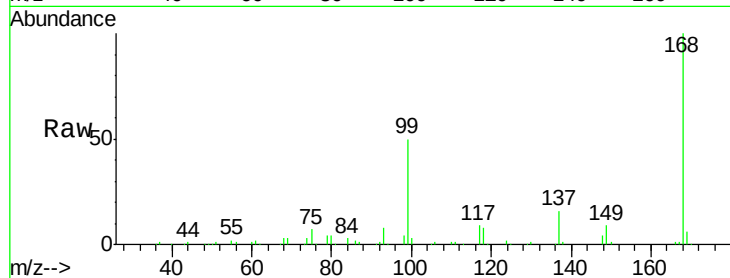
PB120834ZHE#06

Tot Ion:168 Resp: 363604

Ion Ratio Lower Upper

168 100

99 49.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

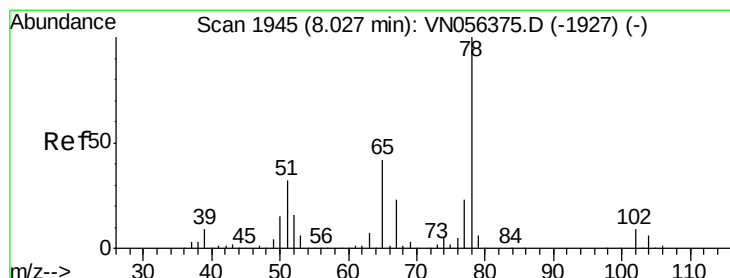
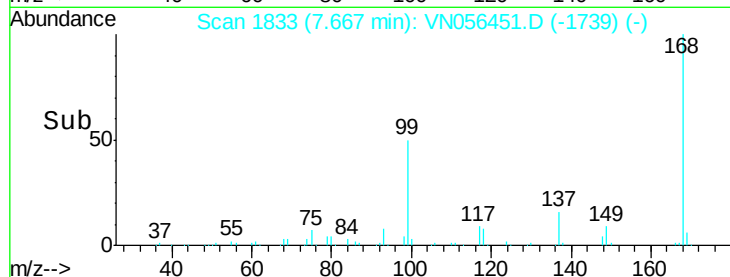
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 51.986 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056451.D

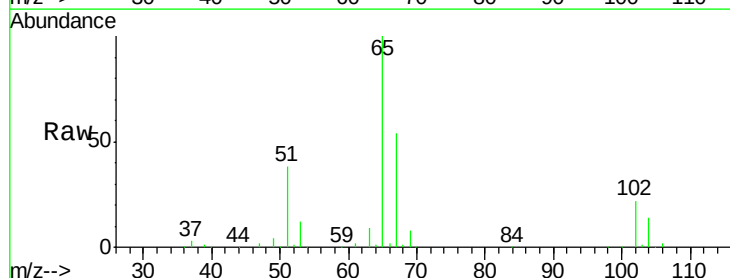
Acq: 24 Jun 2019 13:25

Tgt Ion: 65 Resp: 209494

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

100000

80000

60000

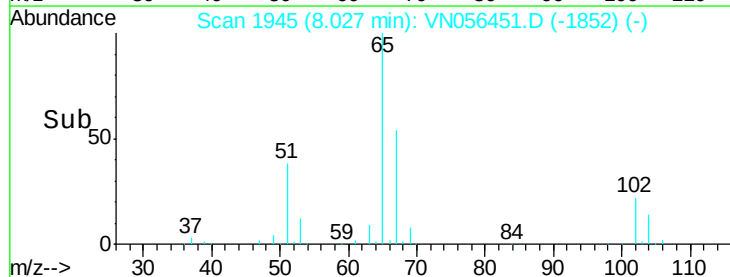
40000

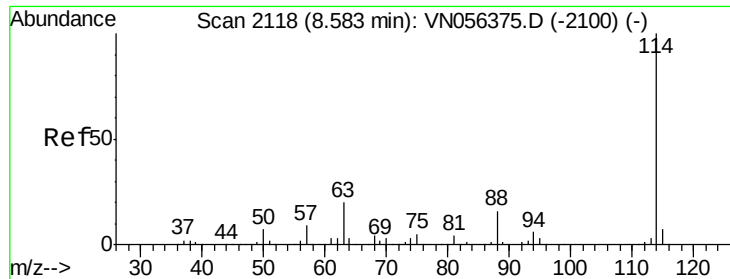
20000

0

Time-->

7.90 8.00 8.10

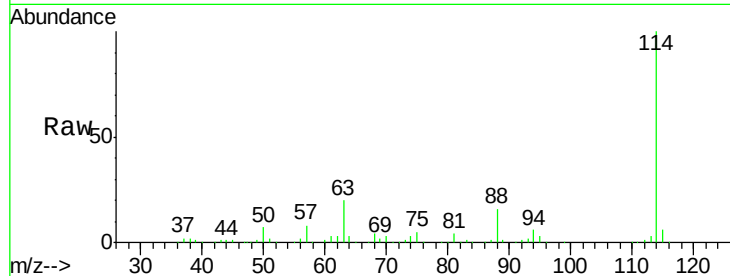




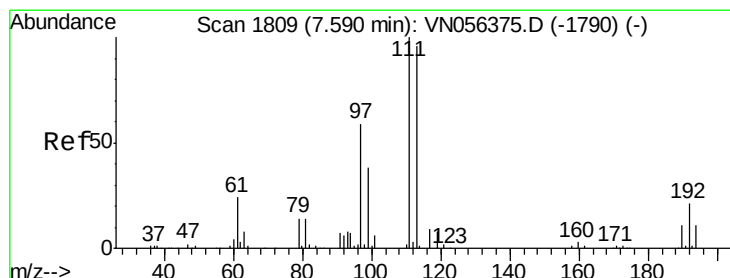
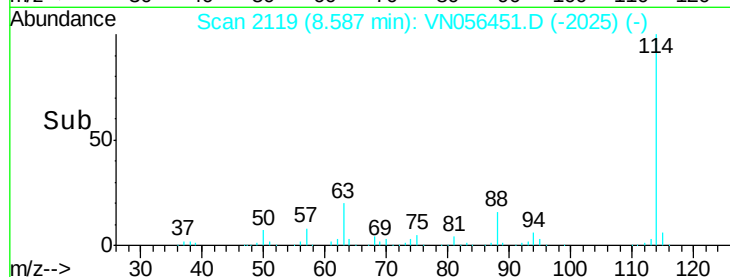
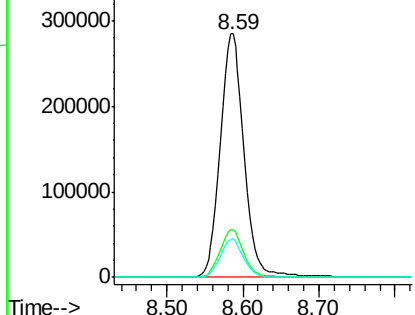
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#06

Tot Ion:114 Resp: 621516
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.2
88 15.7 0.0 31.4

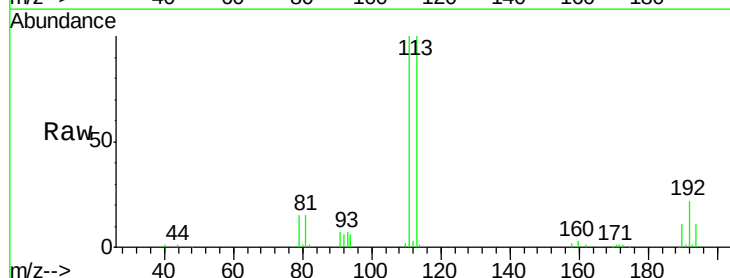


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

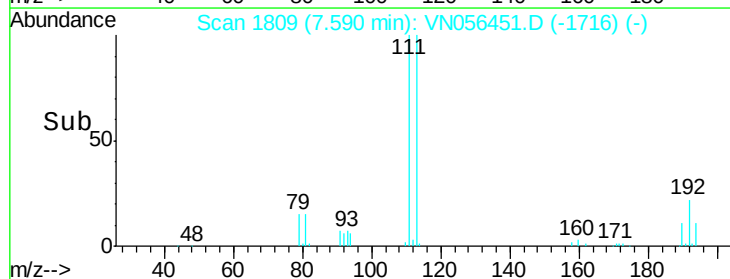
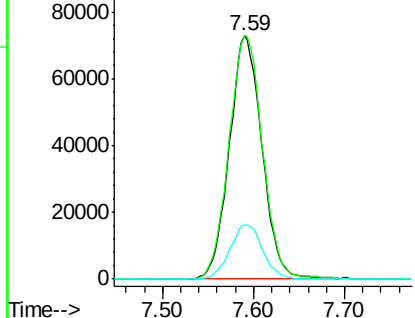


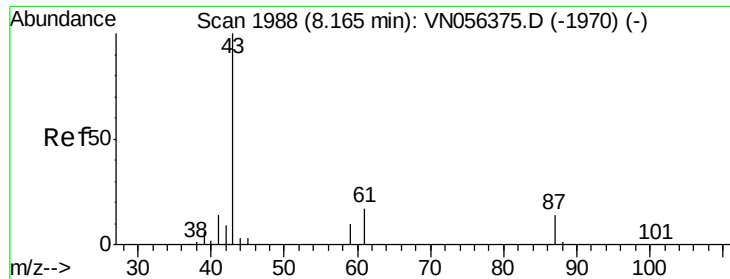
#35
Dibromofluoromethane
Concen: 46.825 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056451.D
Acq: 24 Jun 2019 13:25

Tgt Ion:113 Resp: 181552
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 22.4 17.7 26.5



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: 1.732 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

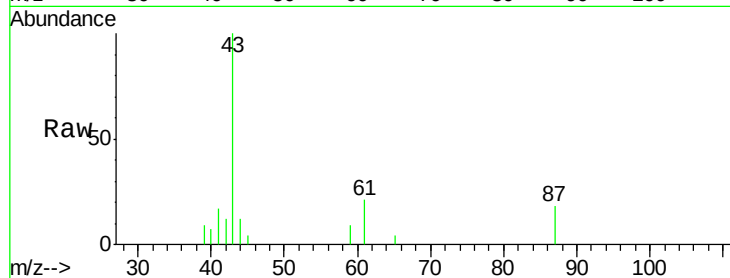
Tot Ion: 43 Resp: 14357

Ion Ratio Lower Upper

43 100

61 25.3 22.0 33.0

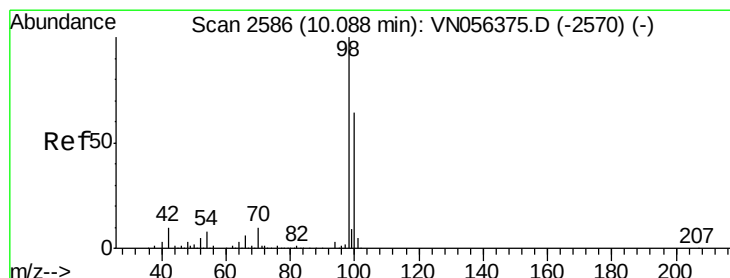
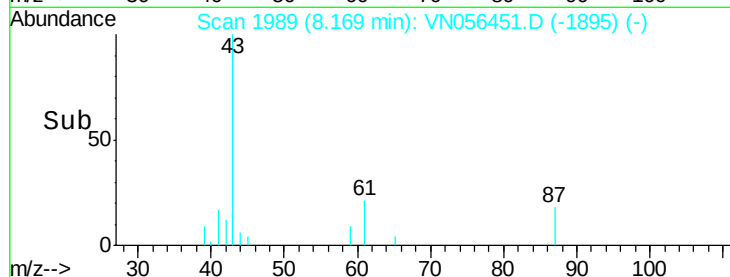
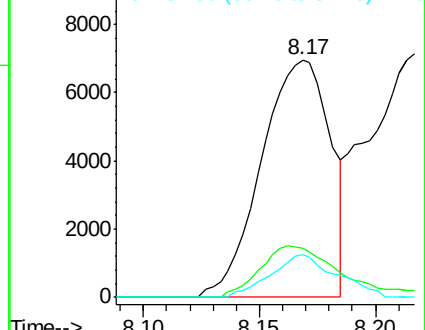
87 17.2 11.0 16.4#



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: 51.203 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056451.D

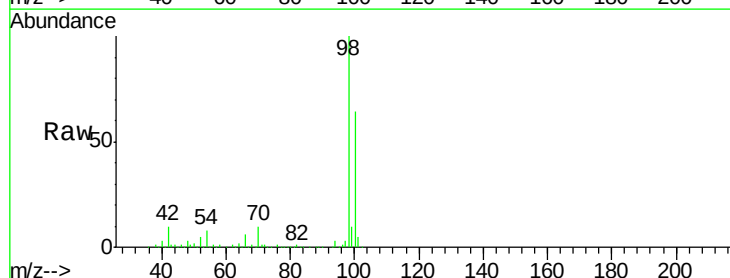
Acq: 24 Jun 2019 13:25

Tgt Ion: 98 Resp: 772487

Ion Ratio Lower Upper

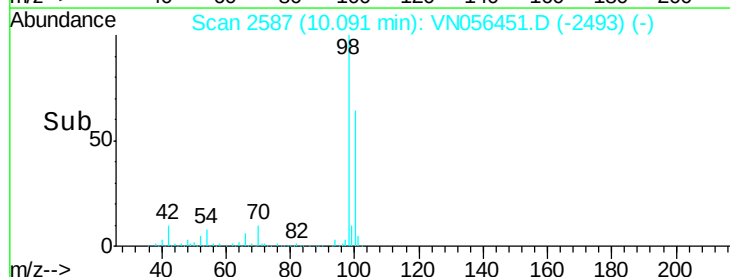
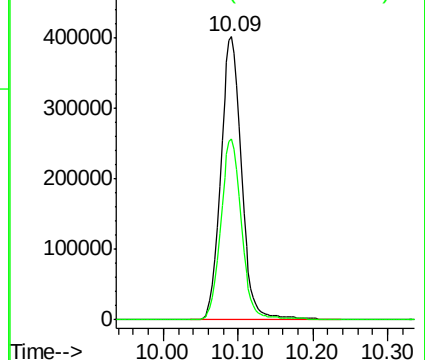
98 100

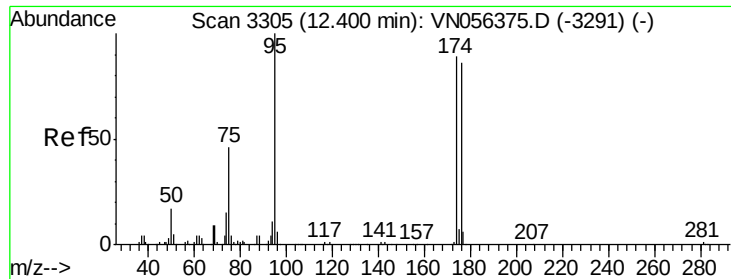
100 63.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.253 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06

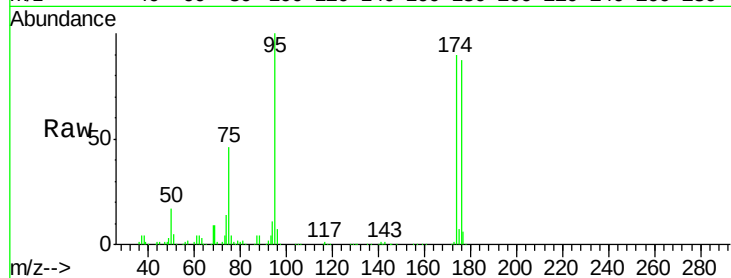
Tot Ion: 95 Resp: 247704

Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.4

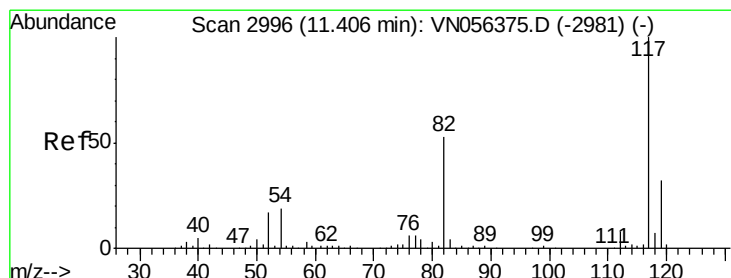
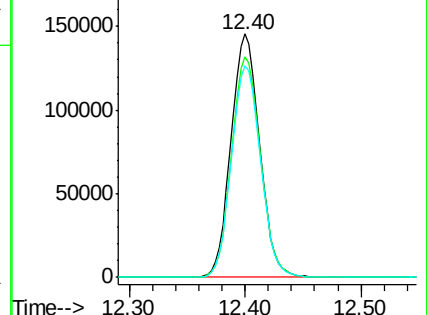
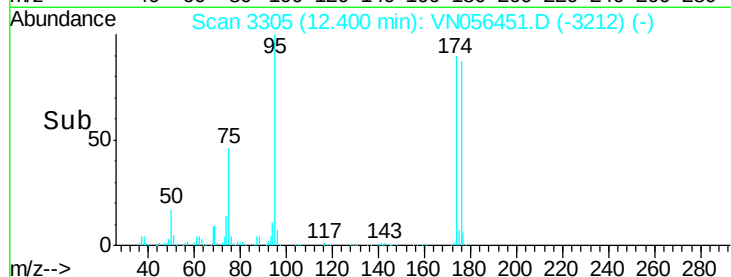
176 88.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056451.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN056451.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN056451.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056451.D

Acq: 24 Jun 2019 13:25

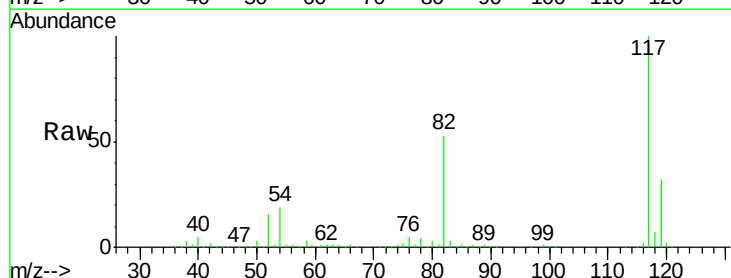
Tgt Ion: 117 Resp: 612065

Ion Ratio Lower Upper

117 100

82 52.7 42.0 63.0

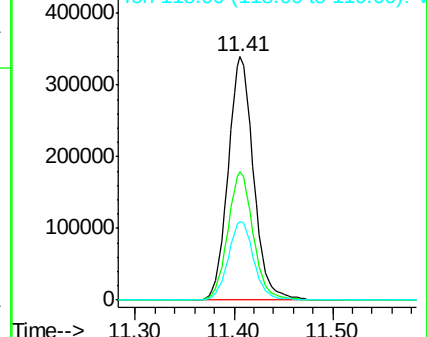
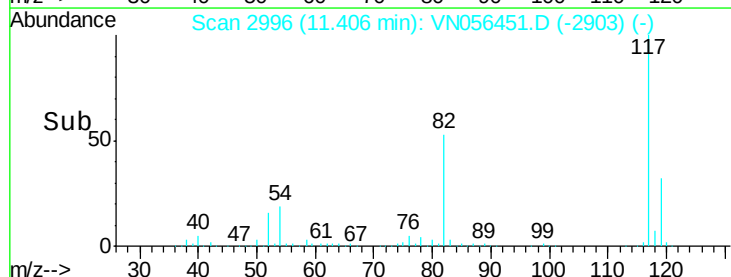
119 32.4 25.3 37.9

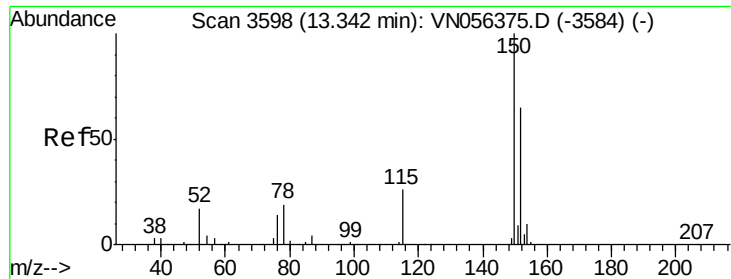


Abundance Ion 116.90 (116.60 to 117.60): VN056451.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056451.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056451.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056451.D

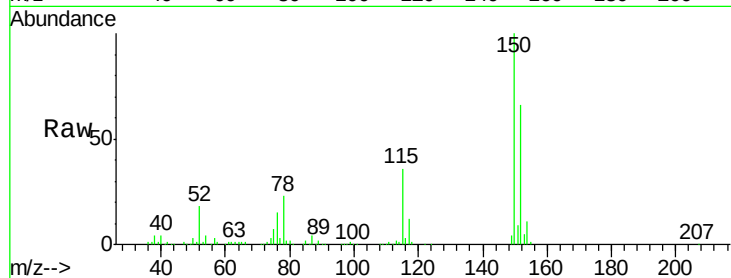
Acq: 24 Jun 2019 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#06



Tot Ion:152 Resp: 179595

Ion Ratio Lower Upper

152 100

115 54.9 28.1 84.4

150 153.4 0.0 348.4

