

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056448.D
 Acq On : 24 Jun 2019 12:14
 Operator : JC/SP
 Sample : PB120834ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#03

Quant Time: Jun 25 01:44:18 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

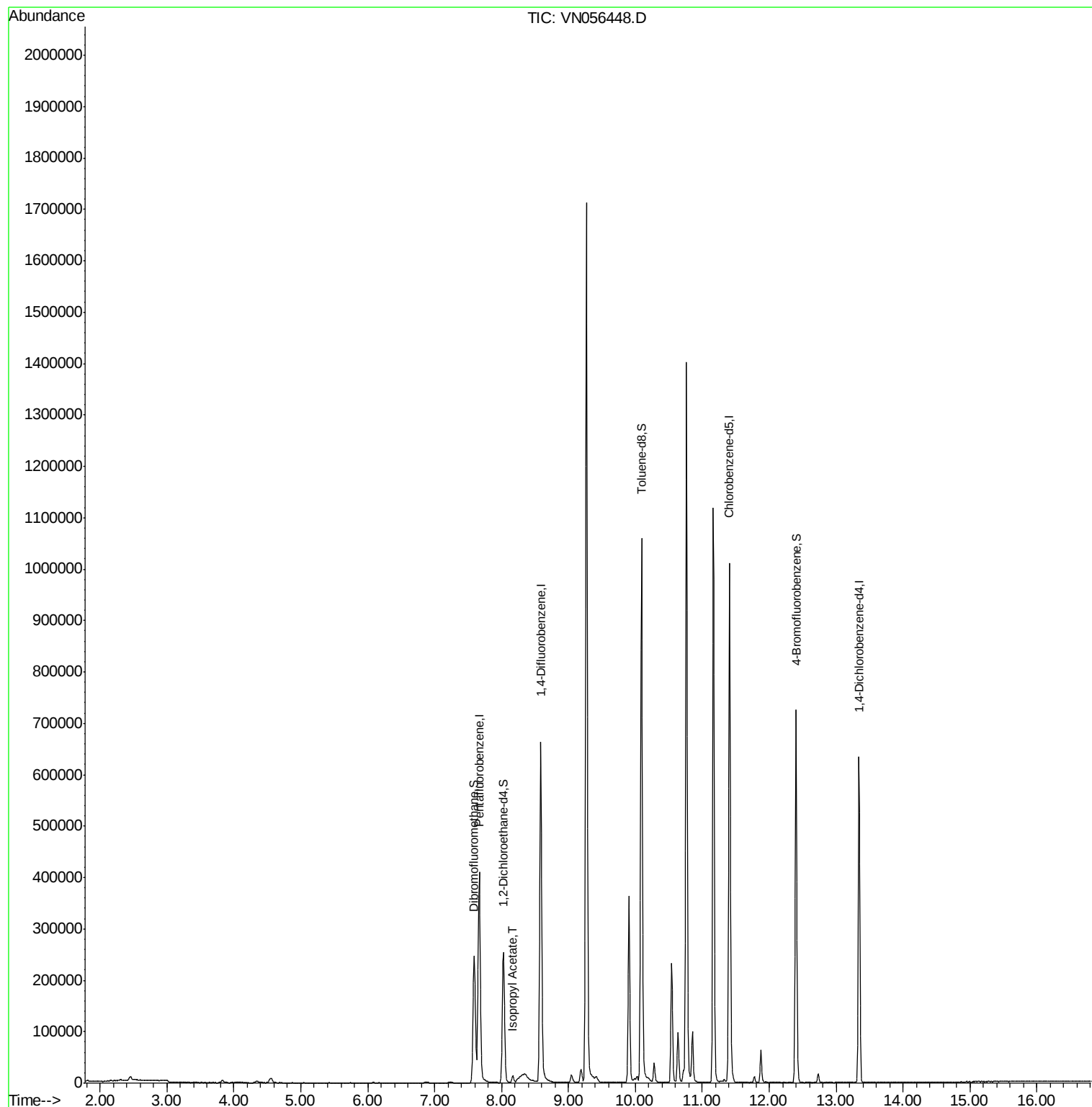
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	376589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	647075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	214833	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	189248	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
50) Toluene-d8	10.09	98	802619	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	254474	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15677	1.816	ug/l #	Qvalue 89

(#) = 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: VN056448.D

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Instrument :

MSVOA_N

ClientSampleId :

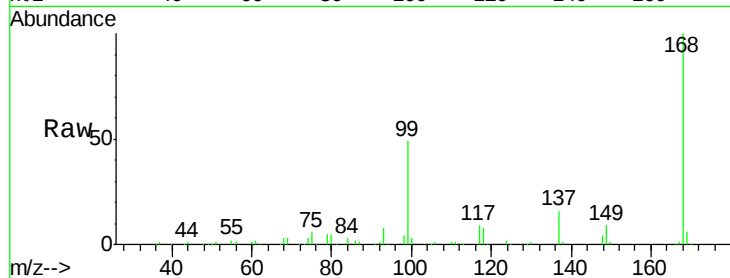
PB120834ZHE#03

Tot Ion:168 Resp: 376589

Ion Ratio Lower Upper

168 100

99 49.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

150000

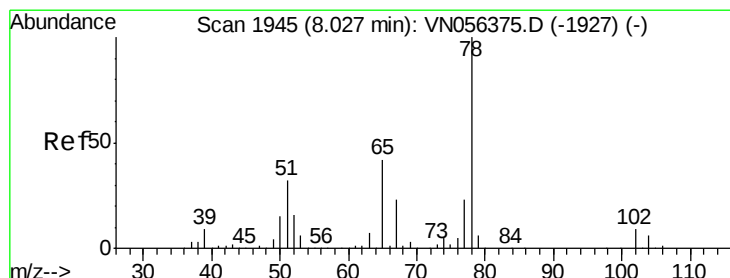
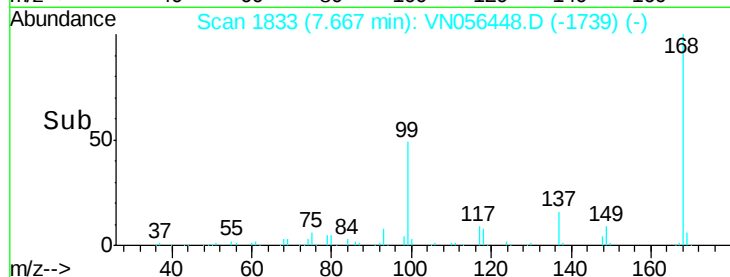
100000

50000

0

Time-->

7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 51.472 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056448.D

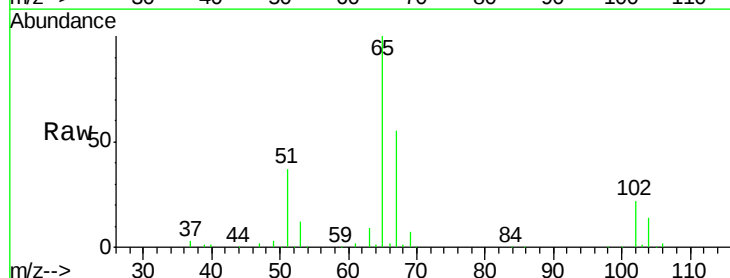
Acq: 24 Jun 2019 12:14

Tgt Ion: 65 Resp: 214833

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

100000

80000

60000

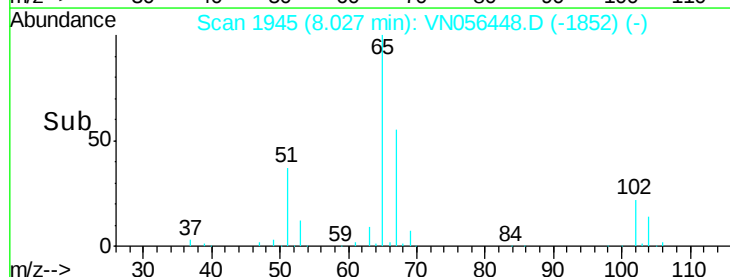
40000

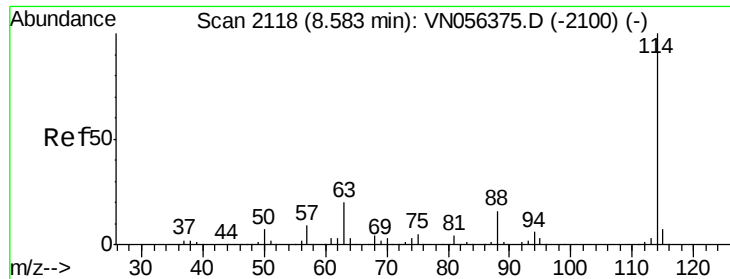
20000

0

Time-->

7.90 8.00 8.10

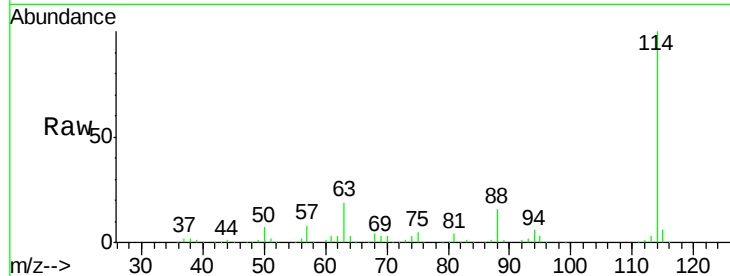




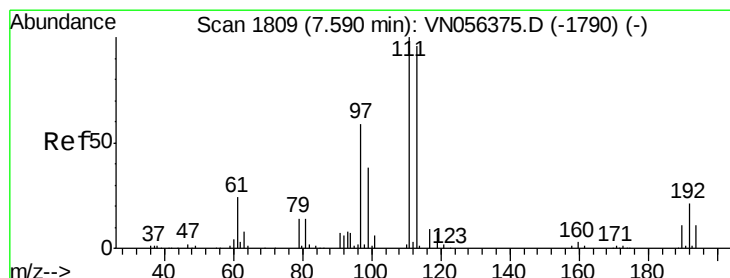
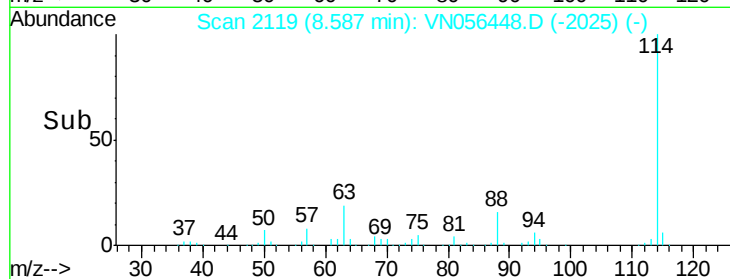
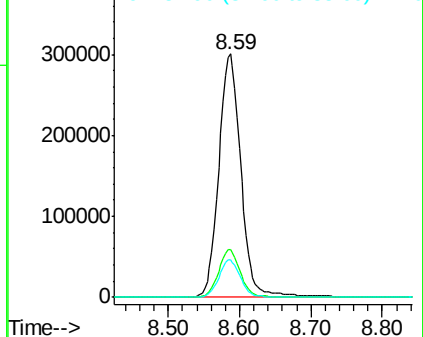
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056448.D
Acq: 24 Jun 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#03

Tot Ion:114 Resp: 647075
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 15.6 0.0 31.4

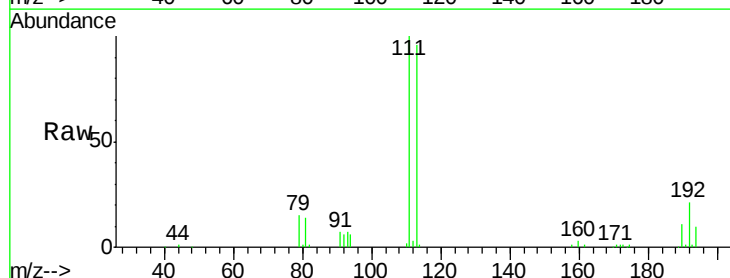


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

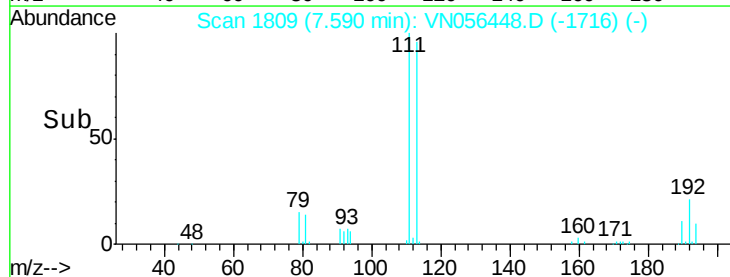
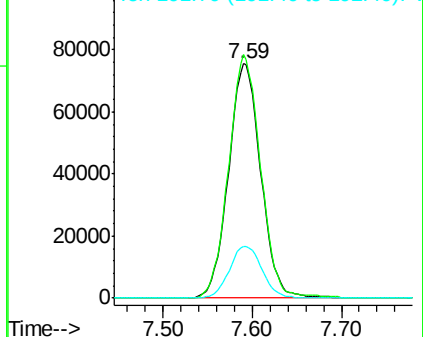


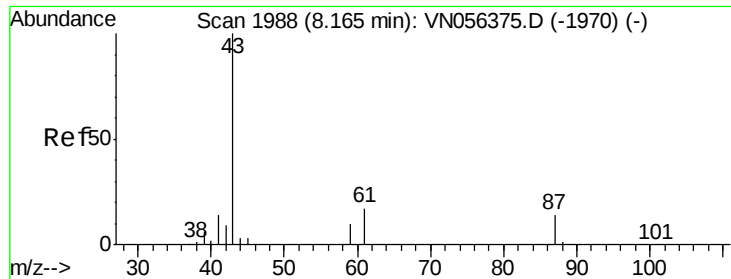
#35
Dibromofluoromethane
Concen: 46.882 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056448.D
Acq: 24 Jun 2019 12:14

Tgt Ion:113 Resp: 189248
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 22.3 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: 1.816 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056448.D

Acq: 24 Jun 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#03

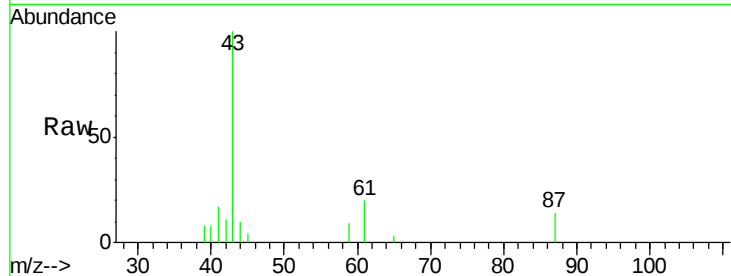
Tot Ion: 43 Resp: 15677

Ion Ratio Lower Upper

43 100

61 19.6 22.0 33.0#

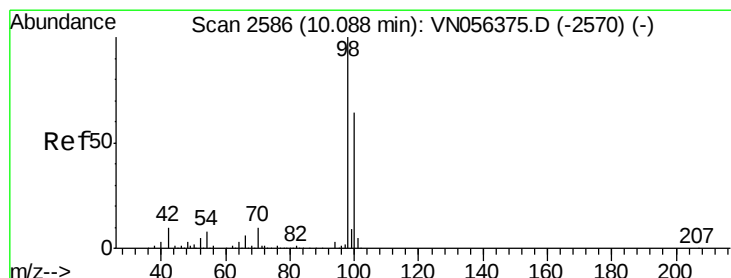
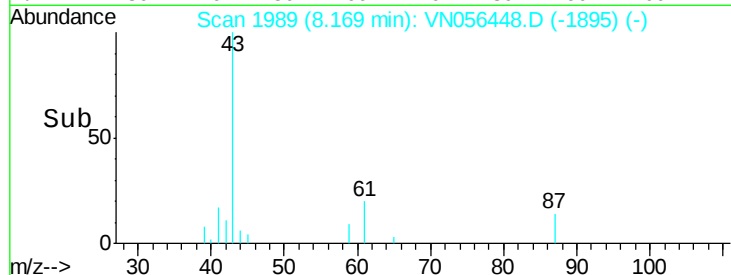
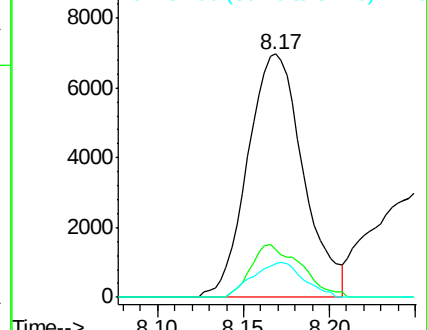
87 13.1 11.0 16.4



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: 51.099 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056448.D

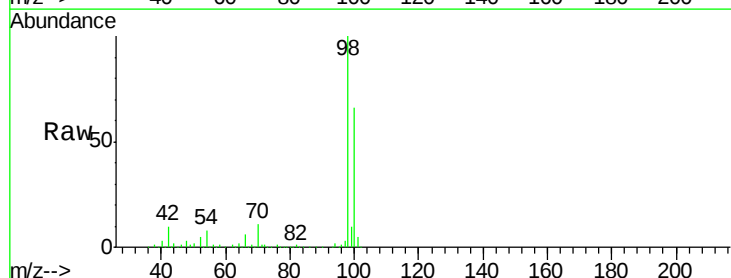
Acq: 24 Jun 2019 12:14

Tgt Ion: 98 Resp: 802619

Ion Ratio Lower Upper

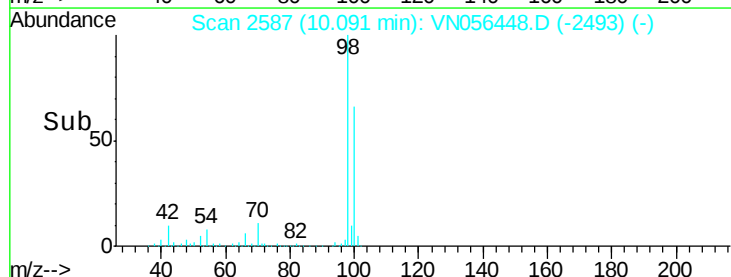
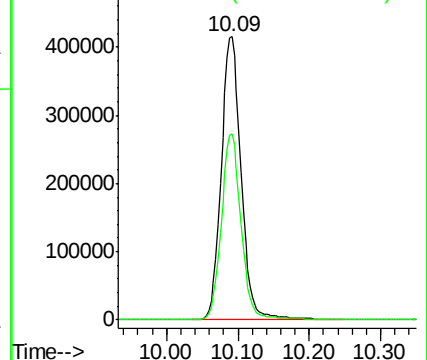
98 100

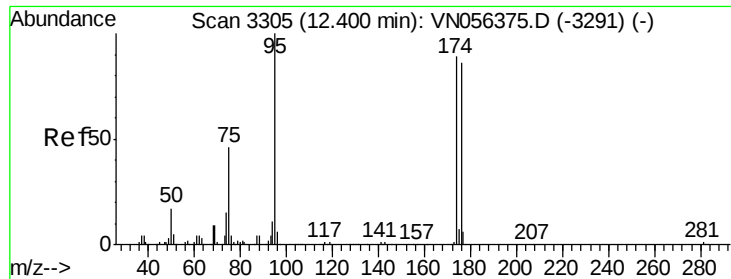
100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 48.600 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056448.D

Acq: 24 Jun 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#03

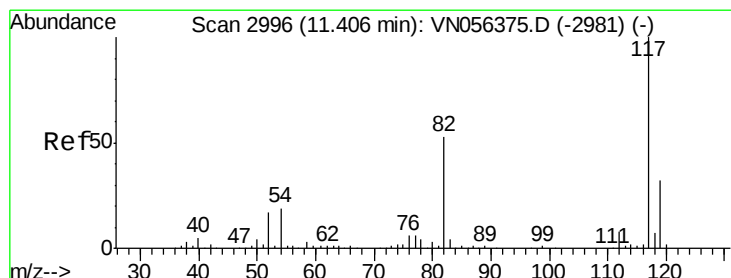
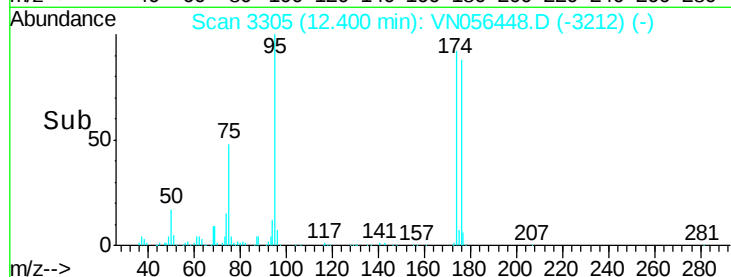
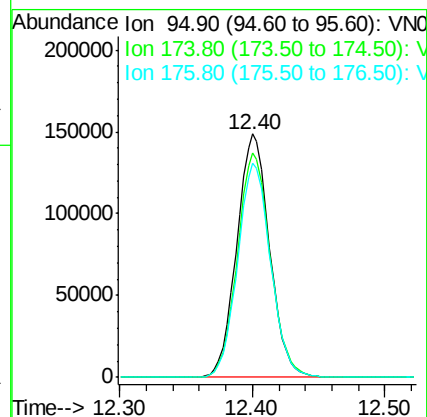
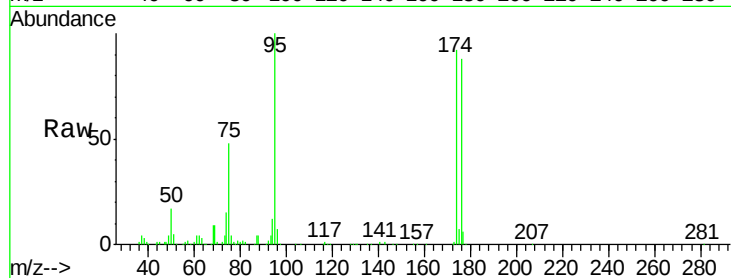
Tot Ion: 95 Resp: 254474

Ion Ratio Lower Upper

95 100

174 92.6 0.0 179.4

176 88.4 0.0 173.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056448.D

Acq: 24 Jun 2019 12:14

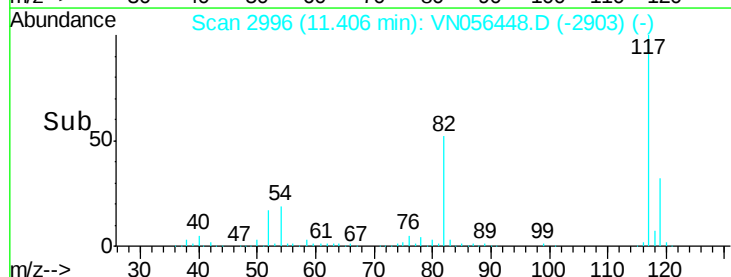
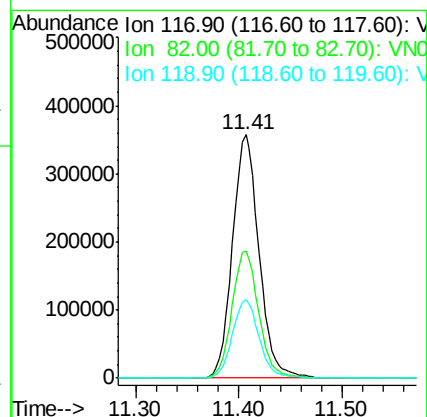
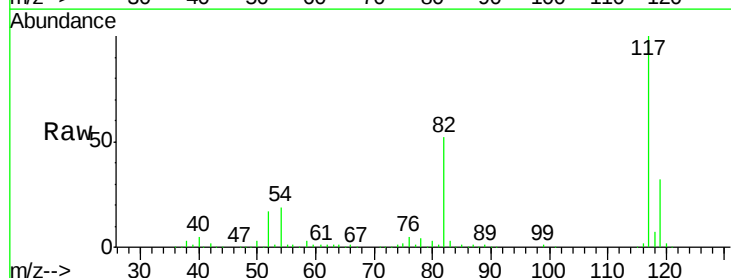
Tgt Ion: 117 Resp: 640842

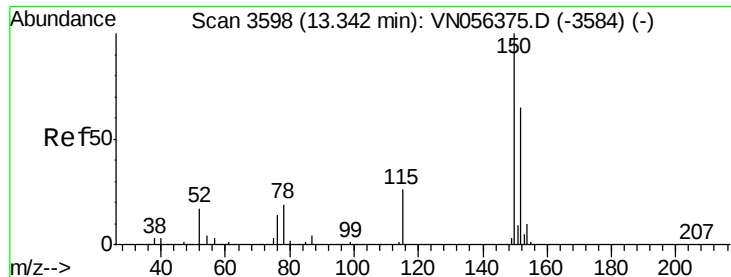
Ion Ratio Lower Upper

117 100

82 52.2 42.0 63.0

119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056448.D

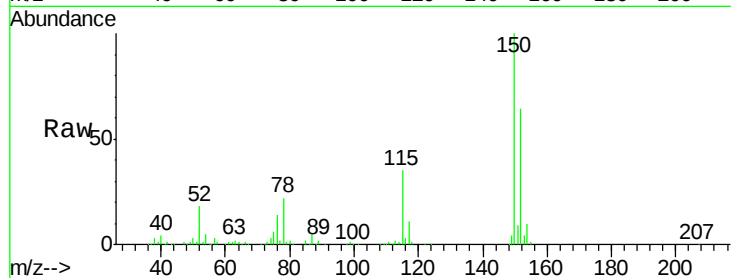
Acq: 24 Jun 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#03



Tot Ion:152 Resp: 184269

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.4

150 157.6 0.0 348.4

