

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056481.D
 Acq On : 25 Jun 2019 13:08
 Operator : JC/SP
 Sample : PB120881ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#13

Quant Time: Jun 26 04:24:30 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

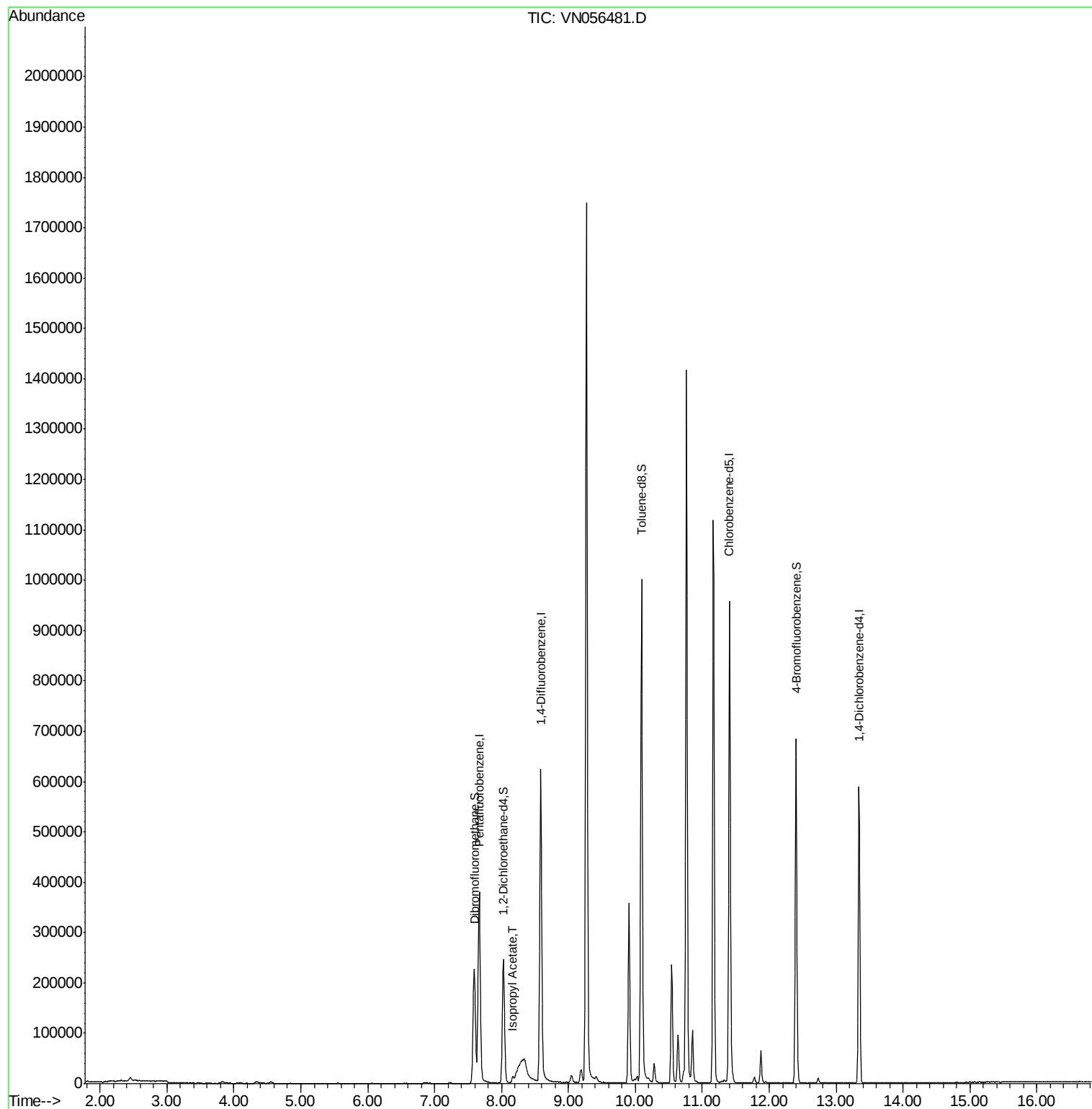
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	349746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	611165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	605547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	203104	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	7.59	113	175811	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	10.09	98	747675	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	245483	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15092	1.851	ug/l	Qvalue 93

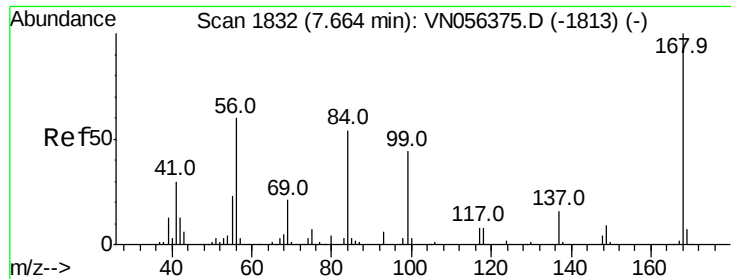
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056481.D

Acq: 25 Jun 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

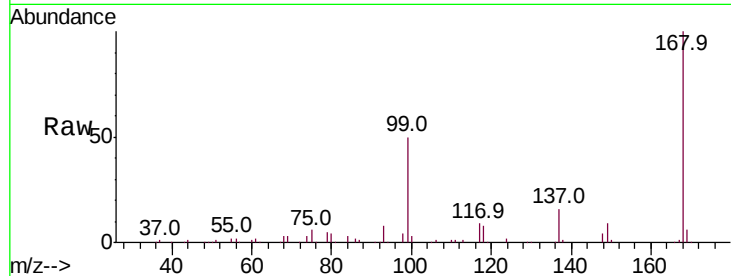
PB120881ZHE#13

Tot Ion:168 Resp: 349746

Ion Ratio Lower Upper

168 100

99 50.3 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

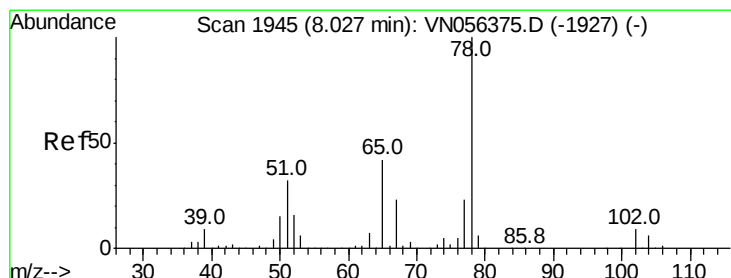
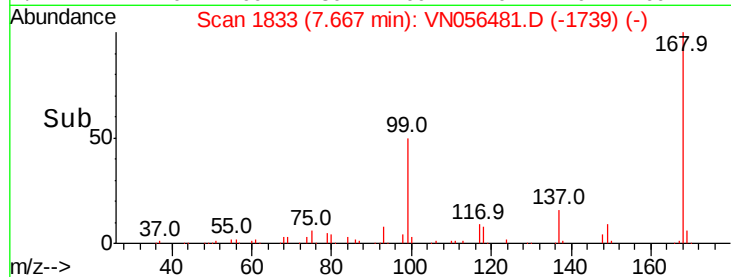
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.397 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056481.D

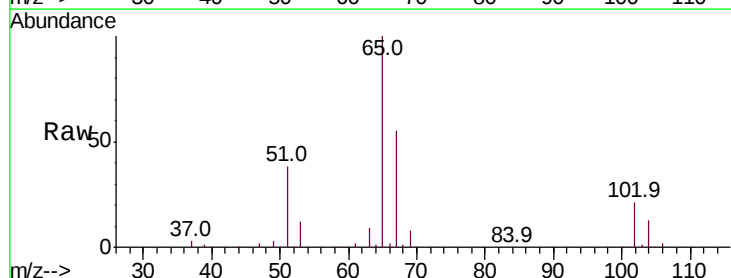
Acq: 25 Jun 2019 13:08

Tgt Ion: 65 Resp: 203104

Ion Ratio Lower Upper

65 100

67 54.8 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

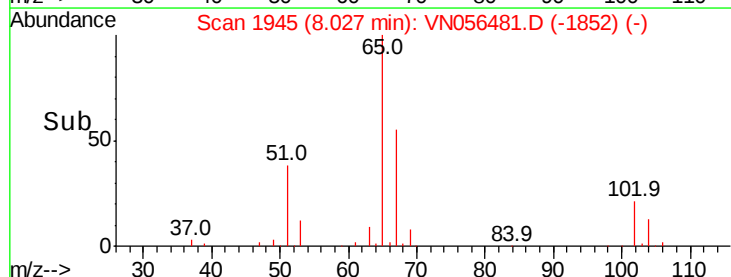
40000

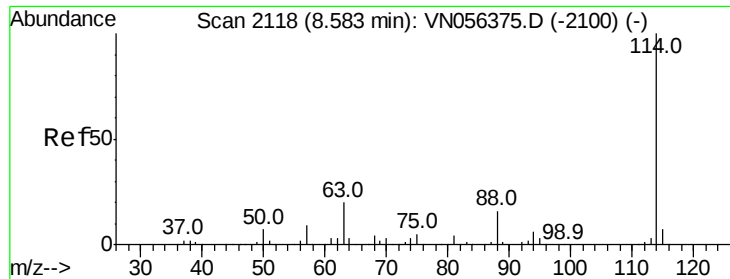
20000

0

8.00 8.10

Time-->

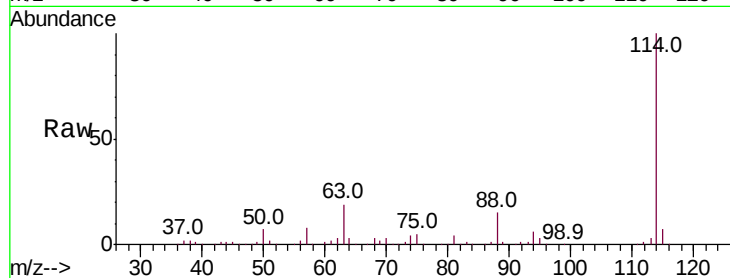




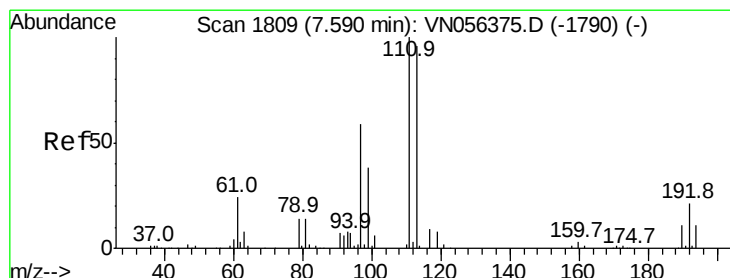
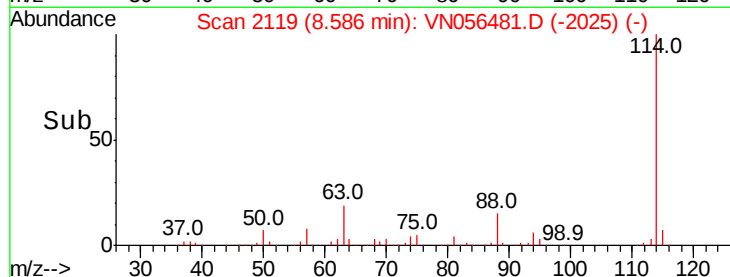
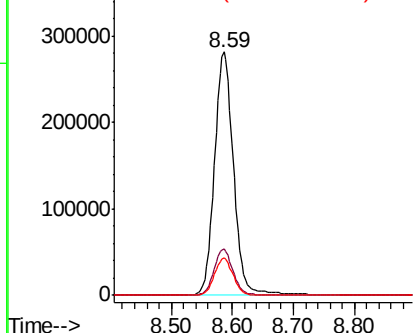
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056481.D
 Acq: 25 Jun 2019 13:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120881ZHE#13

Tot Ion:114 Resp: 611165
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.3 0.0 31.4

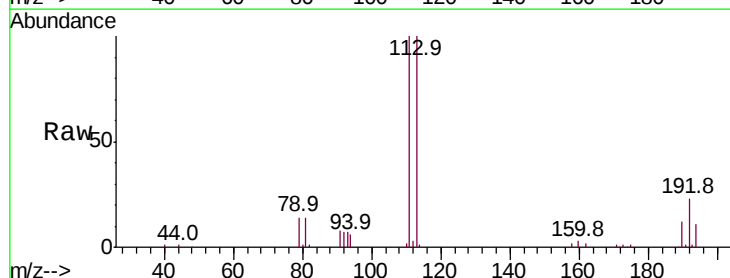


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

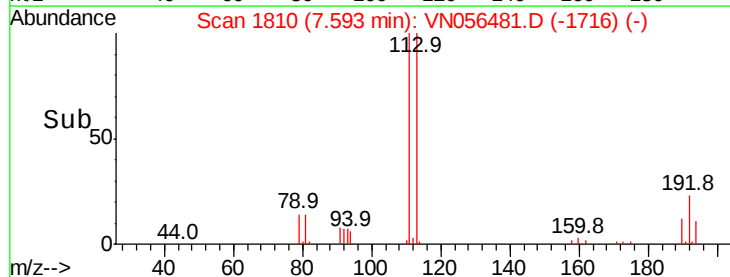
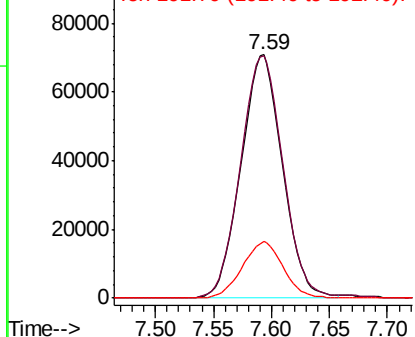


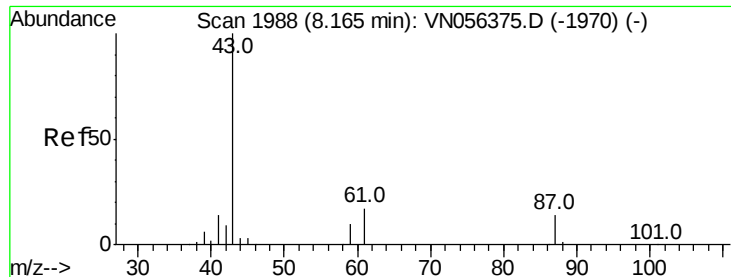
#35
 Dibromofluoromethane
 Concen: 46.112 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056481.D
 Acq: 25 Jun 2019 13:08

Tgt Ion:113 Resp: 175811
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 22.9 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: 1.851 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056481.D

Acq: 25 Jun 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#13

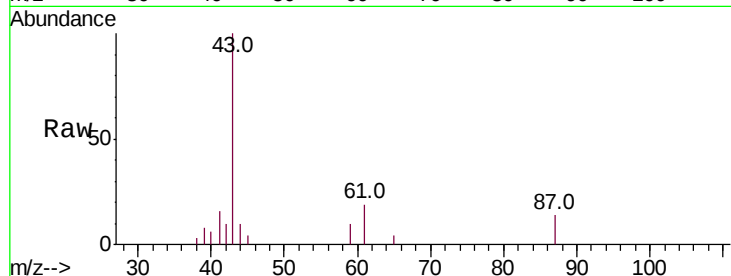
Tot Ion: 43 Resp: 15092

Ion Ratio Lower Upper

43 100

61 22.4 22.0 33.0

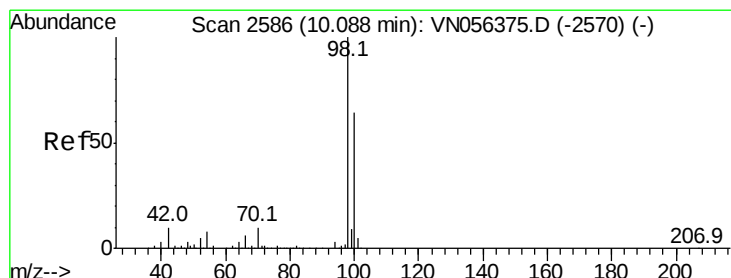
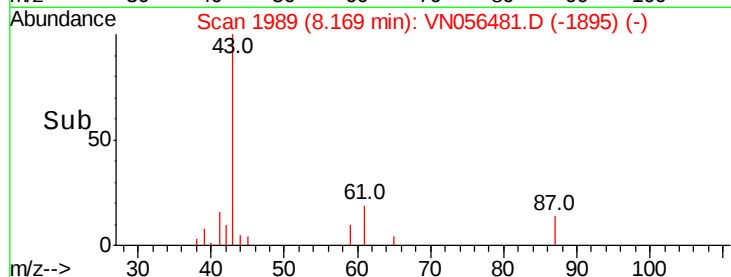
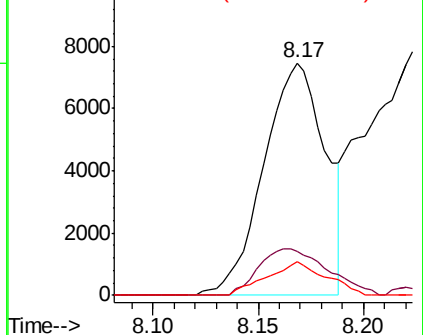
87 13.7 11.0 16.4



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: 50.398 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056481.D

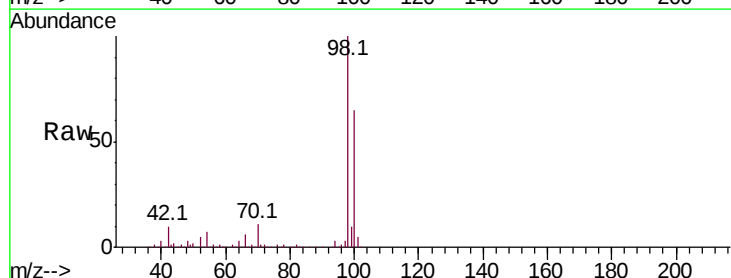
Acq: 25 Jun 2019 13:08

Tgt Ion: 98 Resp: 747675

Ion Ratio Lower Upper

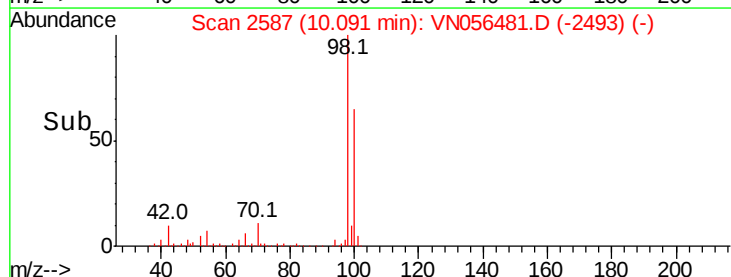
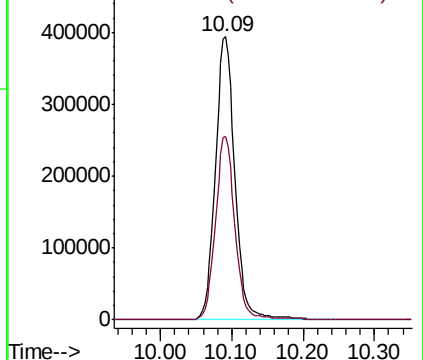
98 100

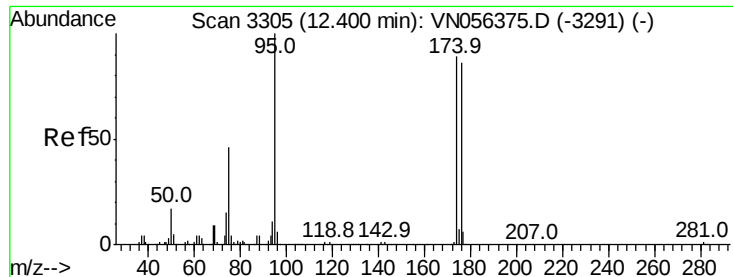
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.638 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056481.D

Acq: 25 Jun 2019 13:08

Instrument :

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ClientSampleId :

PB120881ZHE#13

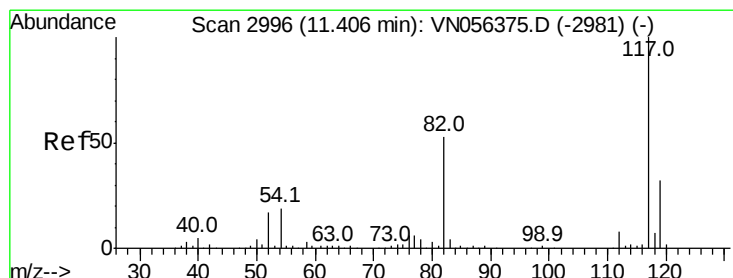
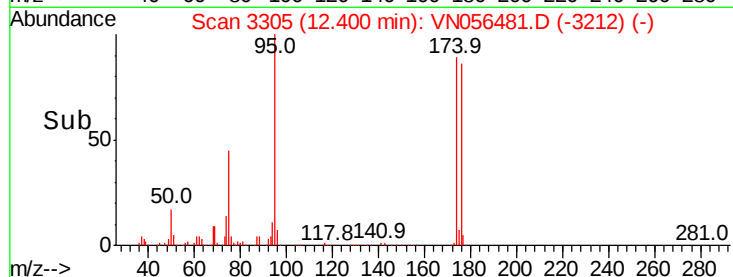
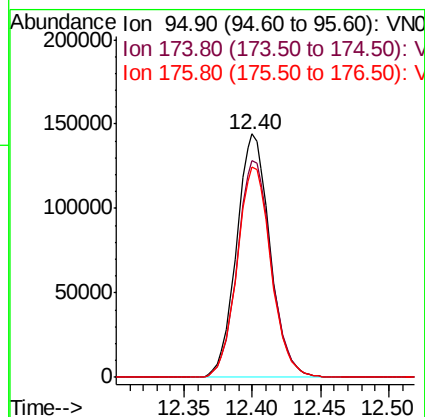
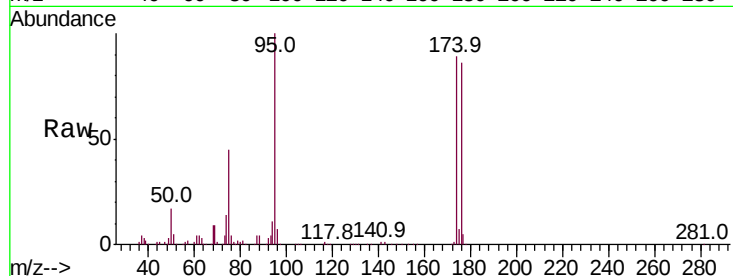
Tot Ion: 95 Resp: 245483

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.4

176 87.7 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: VN056481.D

Acq: 25 Jun 2019 13:08

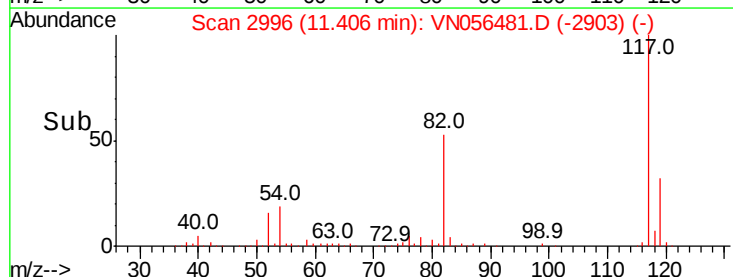
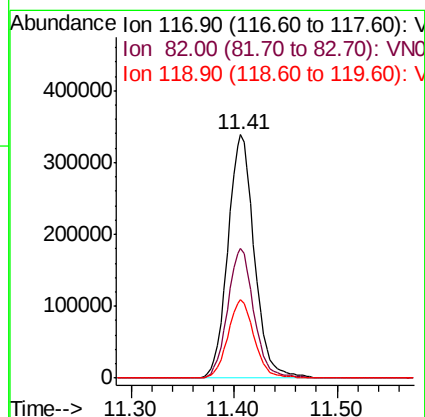
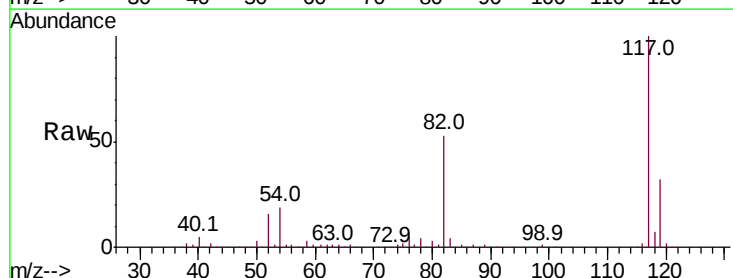
Tgt Ion: 117 Resp: 605547

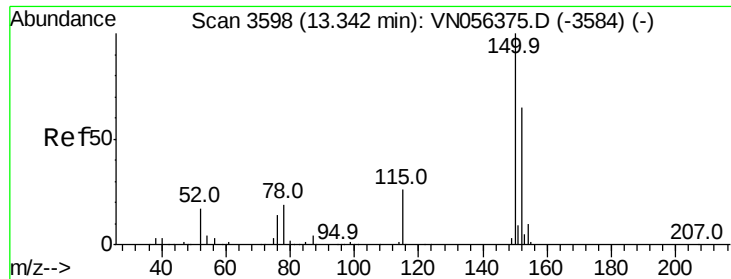
Ion Ratio Lower Upper

117 100

82 53.4 42.0 63.0

119 32.1 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: VN056481.D

Acq: 25 Jun 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

PB120881ZHE#13

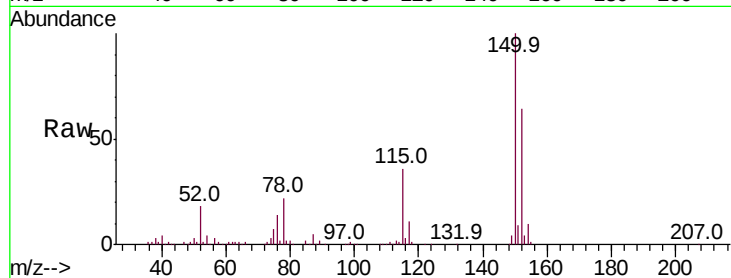
Tot Ion:152 Resp: 175818

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.4

150 155.5 0.0 348.4



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

