

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062019\
 Data File : VN056391.D
 Acq On : 20 Jun 2019 10:45
 Operator : JC/SP
 Sample : PB120774TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120774TB

Quant Time: Jun 21 04:43:18 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

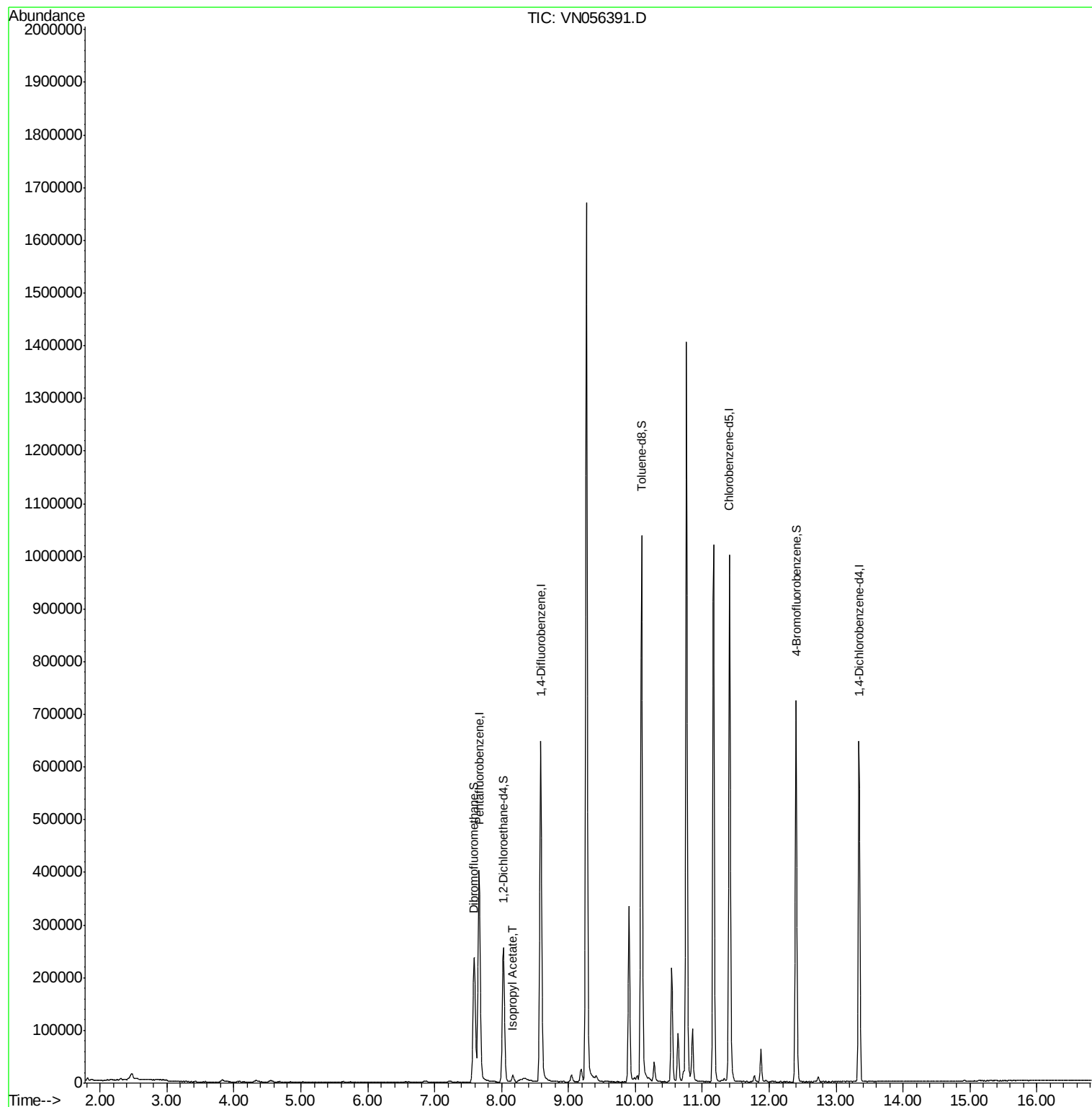
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	372909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	632121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	629164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213133	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	7.59	113	184608	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	10.09	98	787122	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	257548	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15370	1.823	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: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056391.D

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Instrument :

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ClientSampleId :

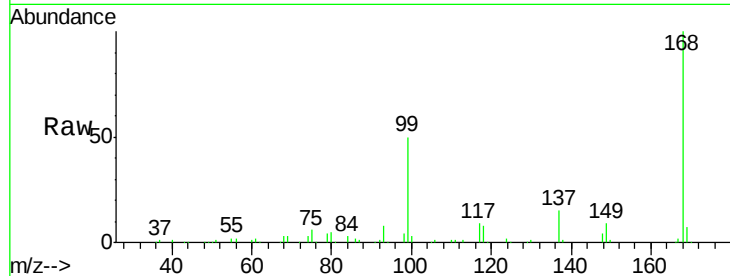
PB120774TB

Tot Ion:168 Resp: 372909

Ion Ratio Lower Upper

168 100

99 49.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

100000

50000

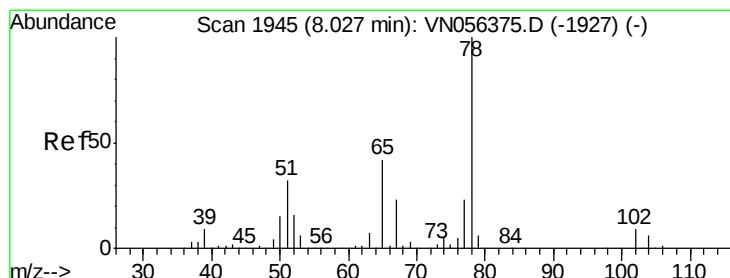
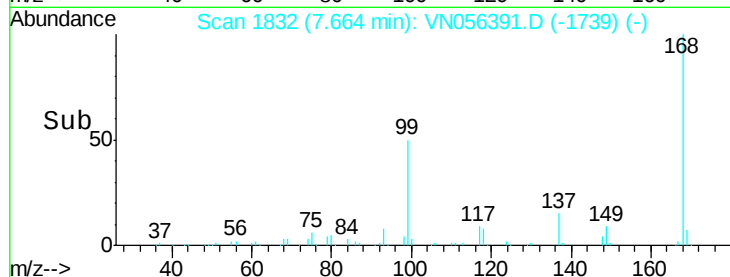
0

Time-->

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: 51.569 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056391.D

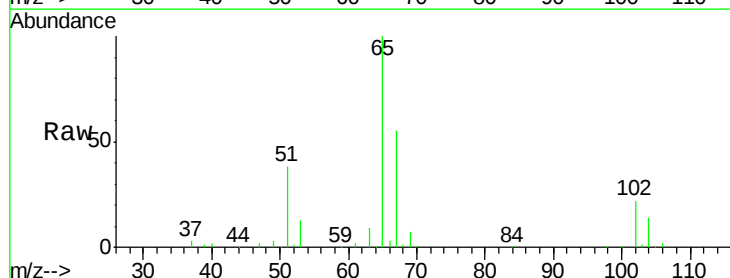
Acq: 20 Jun 2019 10:45

Tgt Ion: 65 Resp: 213133

Ion Ratio Lower Upper

65 100

67 54.3 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

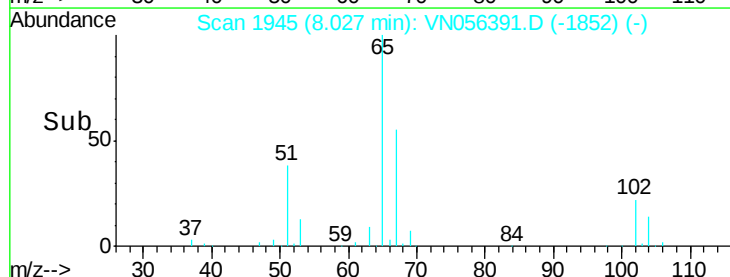
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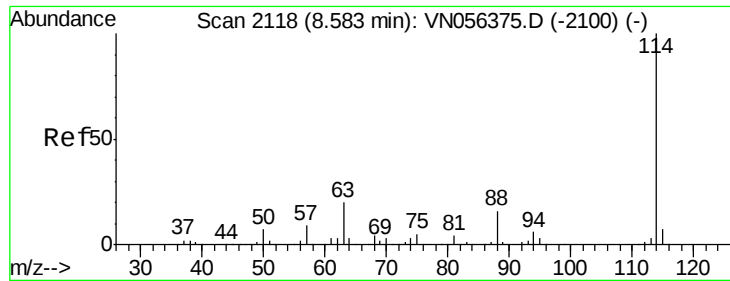
Time-->

7.90

8.00

8.10

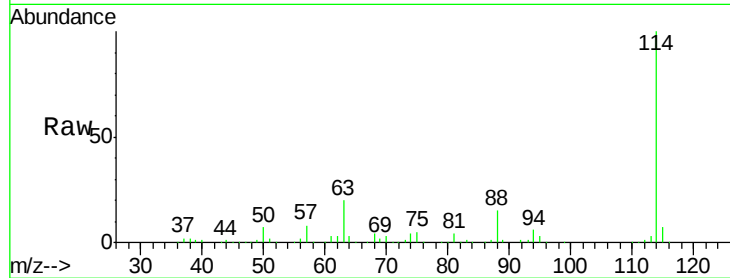




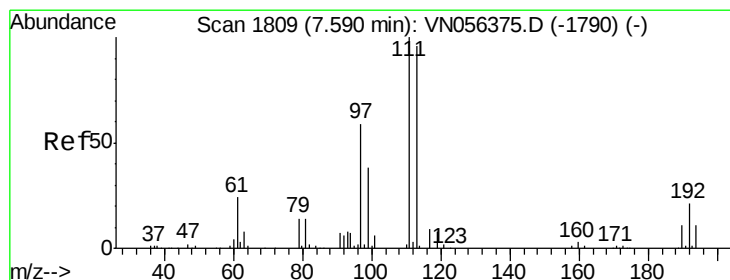
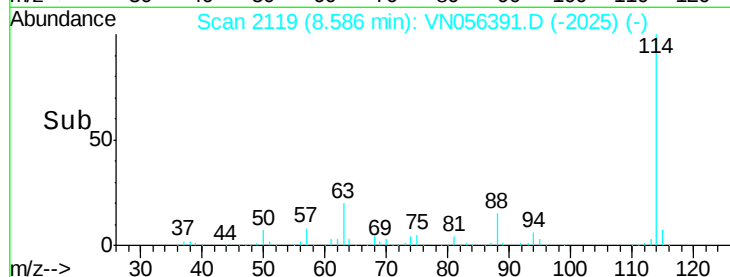
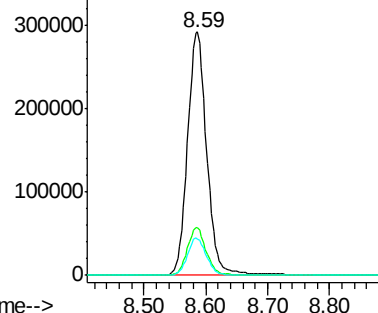
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056391.D
 Acq: 20 Jun 2019 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120774TB

Tot Ion:114 Resp: 632121
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.2
 88 15.1 0.0 31.4

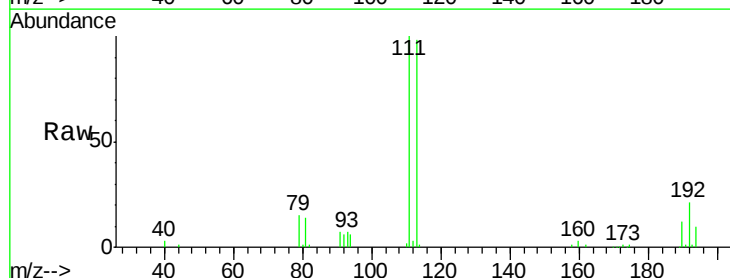


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

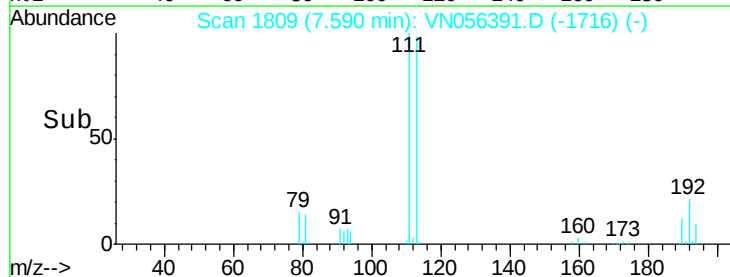
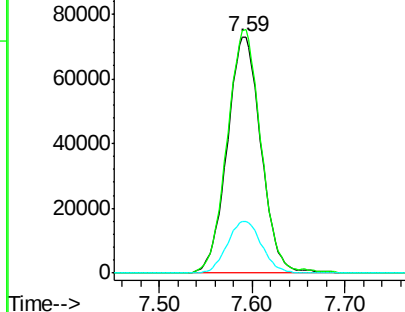


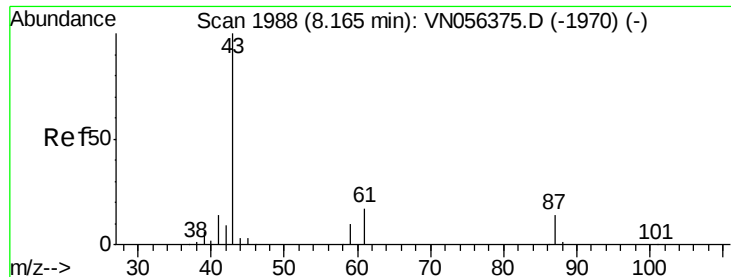
#35
 Dibromofluoromethane
 Concen: 46.815 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056391.D
 Acq: 20 Jun 2019 10:45

Tgt Ion:113 Resp: 184608
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 22.2 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: 1.823 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN056391.D

Acq: 20 Jun 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

PB120774TB

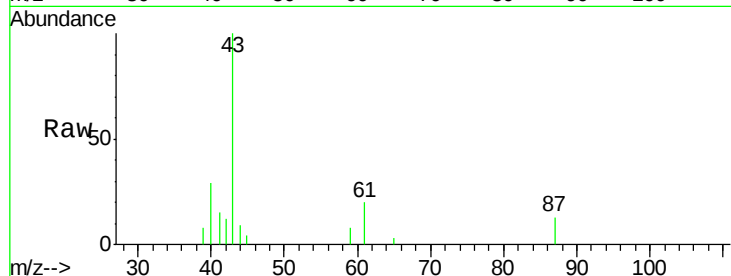
Tot Ion: 43 Resp: 15370

Ion Ratio Lower Upper

43 100

61 20.1 22.0 33.0#

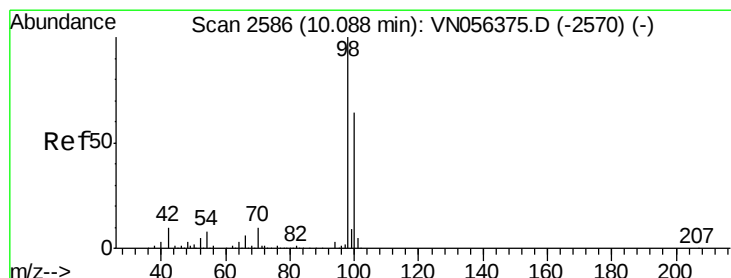
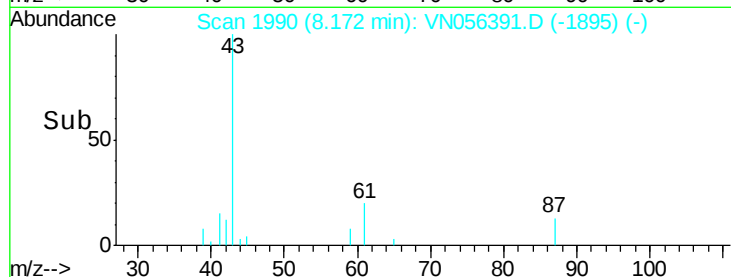
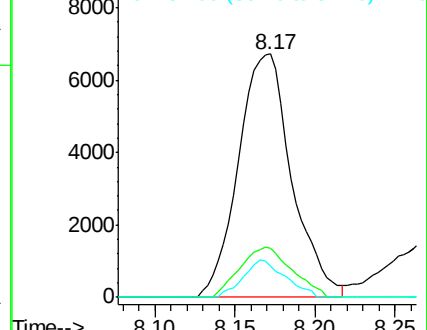
87 12.0 11.0 16.4



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: 51.298 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056391.D

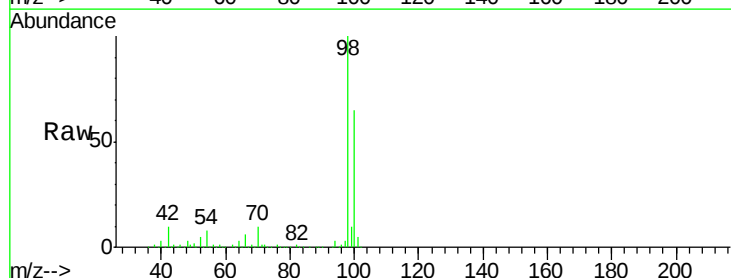
Acq: 20 Jun 2019 10:45

Tgt Ion: 98 Resp: 787122

Ion Ratio Lower Upper

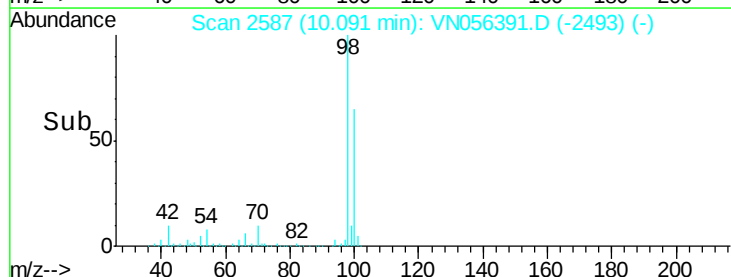
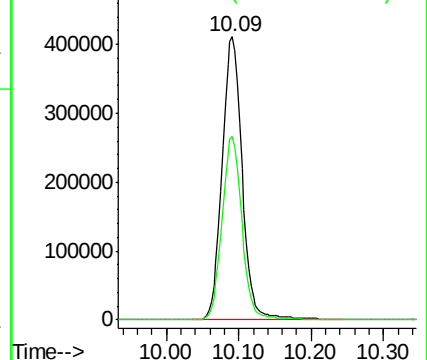
98 100

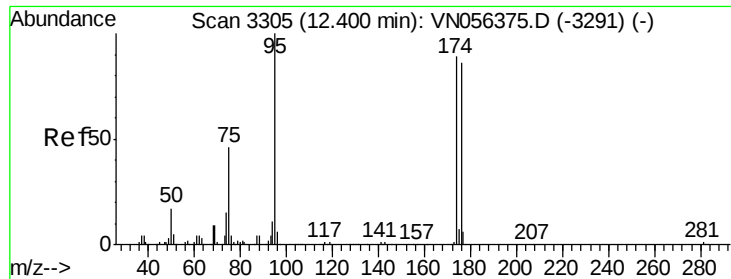
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.351 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056391.D

Acq: 20 Jun 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

PB120774TB

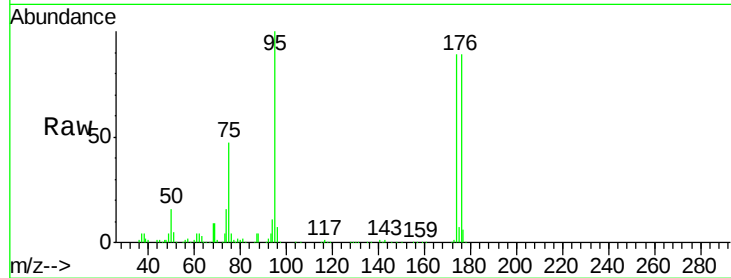
Tot Ion: 95 Resp: 257548

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.4

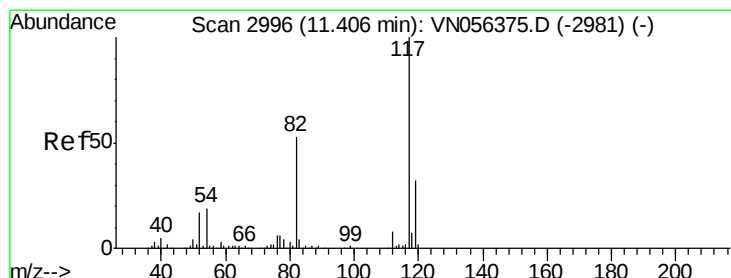
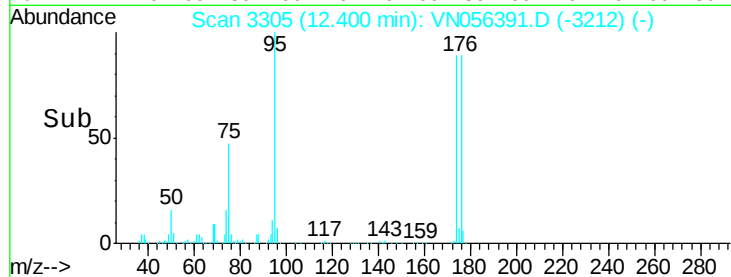
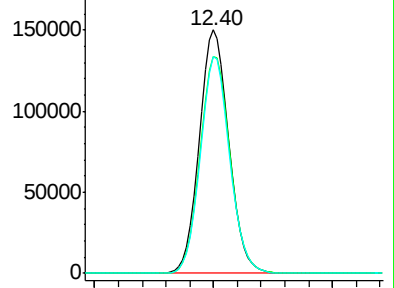
176 88.5 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056391.D

Acq: 20 Jun 2019 10:45

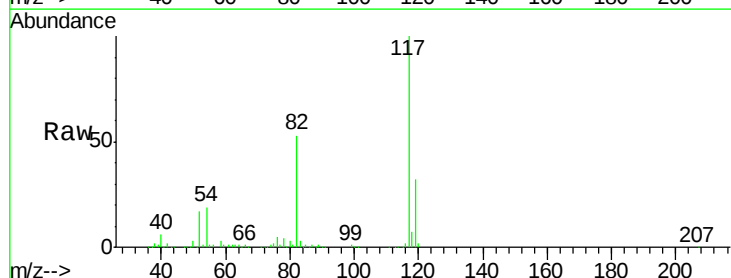
Tgt Ion: 117 Resp: 629164

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

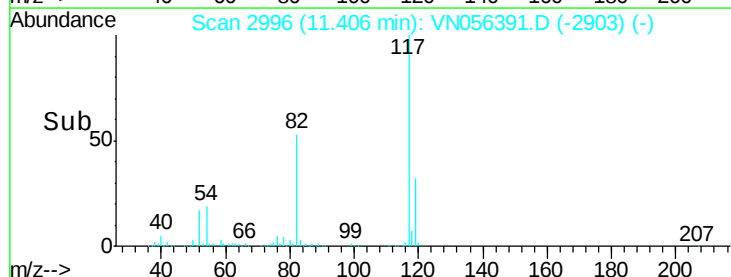
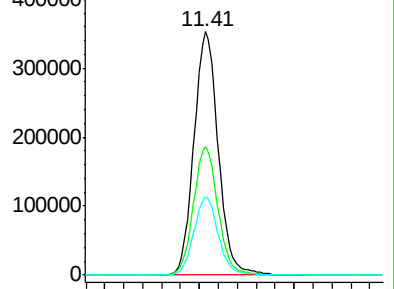
119 32.3 25.3 37.9

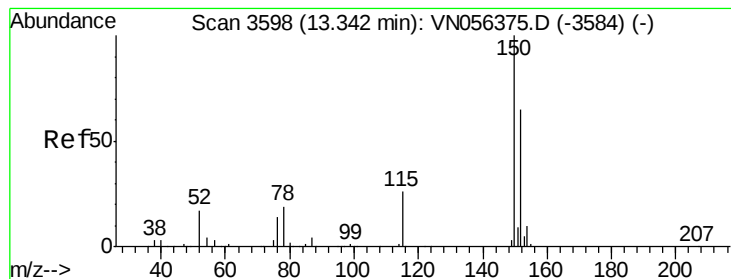


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056375.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056375.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056391.D

Acq: 20 Jun 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

PB120774TB

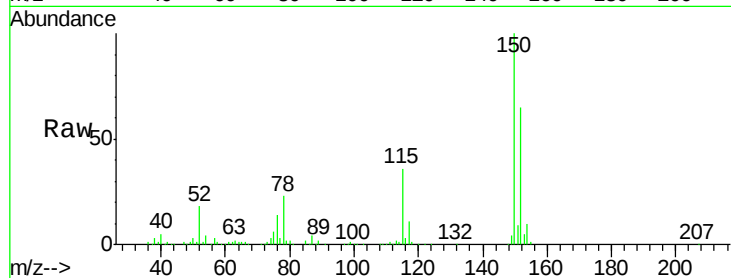
Tot Ion:152 Resp: 192870

Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.4

150 154.3 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

