

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056449.D
 Acq On : 24 Jun 2019 12:38
 Operator : JC/SP
 Sample : PB120834ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#04

Quant Time: Jun 25 01:45:54 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

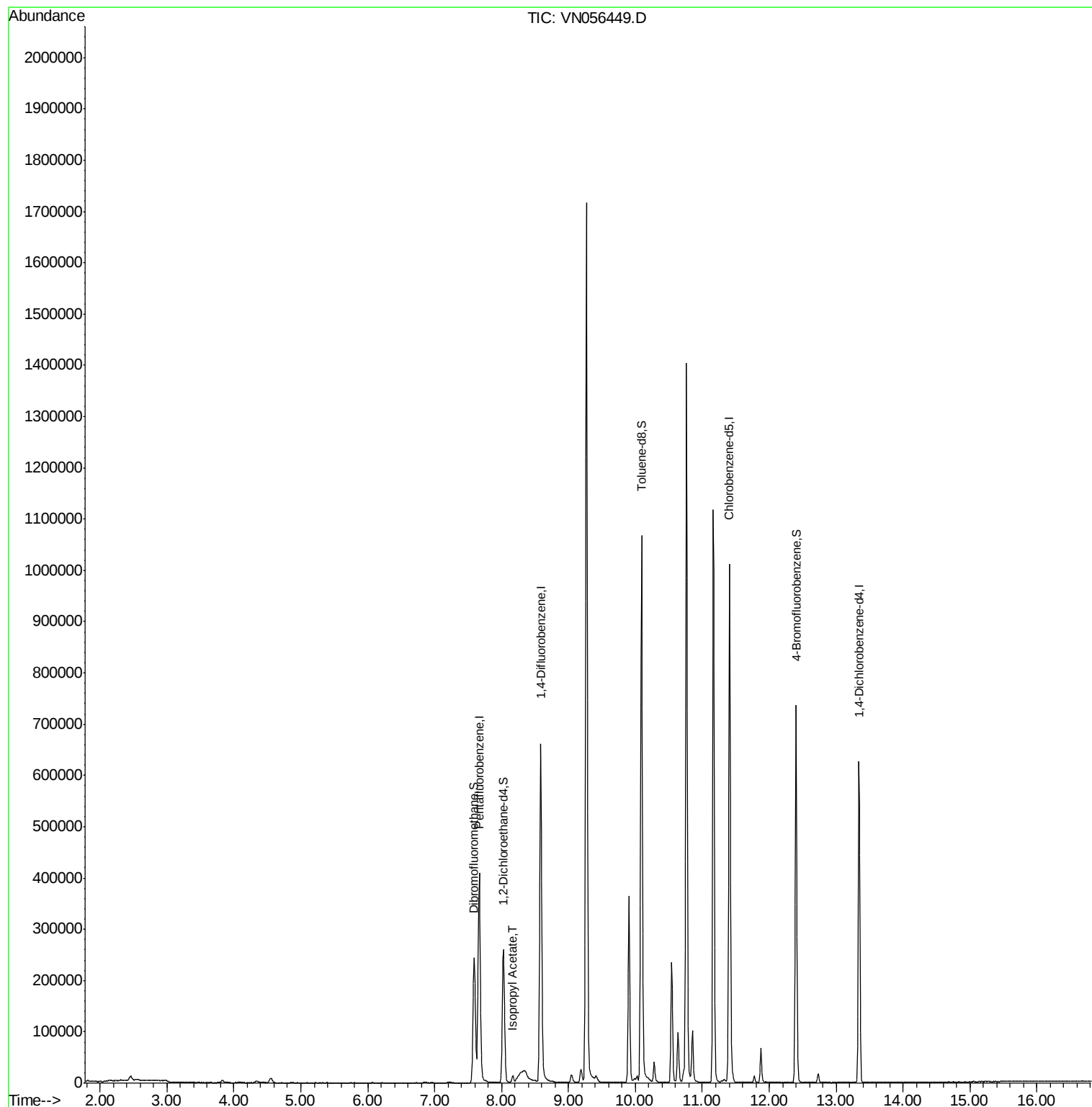
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	377032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	649354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	640598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	220295	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
35) Dibromofluoromethane	7.59	113	190073	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	806829	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	260992	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	15994	1.847	ug/l #	Qvalue 90

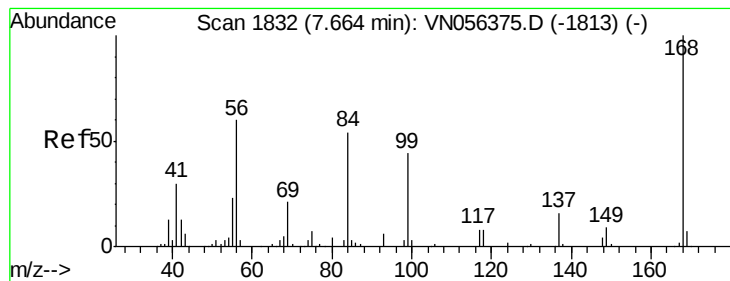
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056449.D
Acq On : 24 Jun 2019 12:38
Operator : JC/SP
Sample : PB120834ZHE#04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#04

Quant Time: Jun 25 01:45:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056449.D

Acq: 24 Jun 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

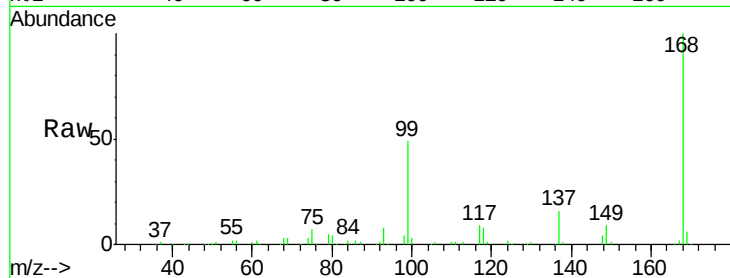
PB120834ZHE#04

Tot Ion:168 Resp: 377032

Ion Ratio Lower Upper

168 100

99 49.2 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

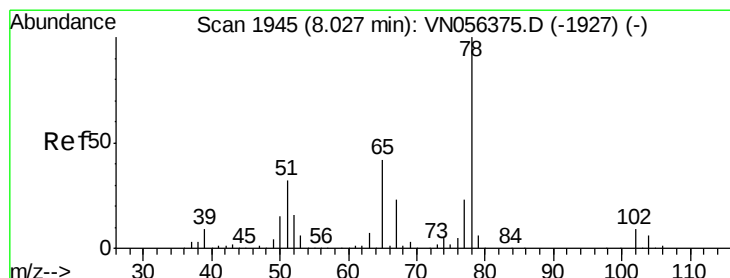
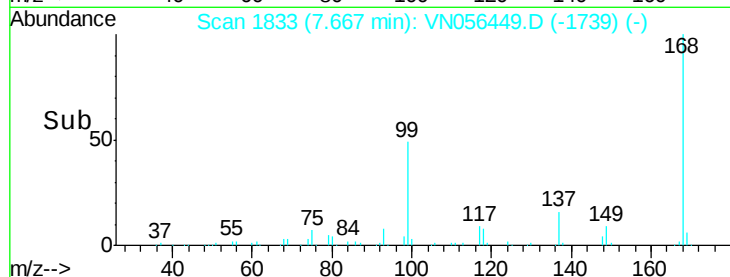
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.719 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056449.D

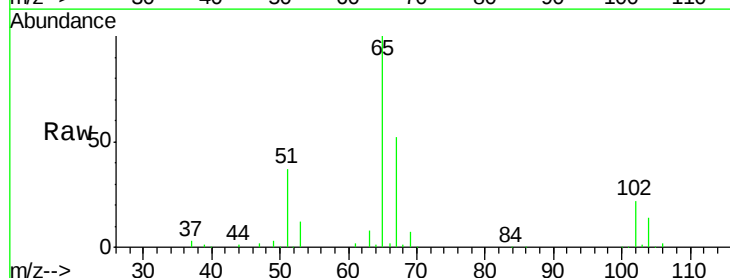
Acq: 24 Jun 2019 12:38

Tgt Ion: 65 Resp: 220295

Ion Ratio Lower Upper

65 100

67 53.6 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

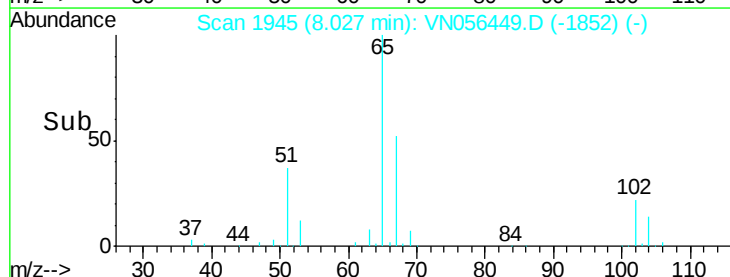
60000

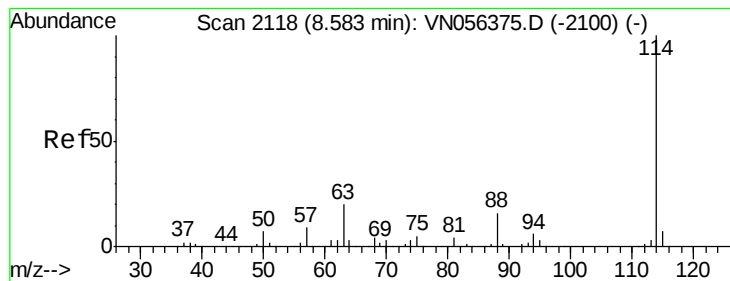
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056449.D

Acq: 24 Jun 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#04

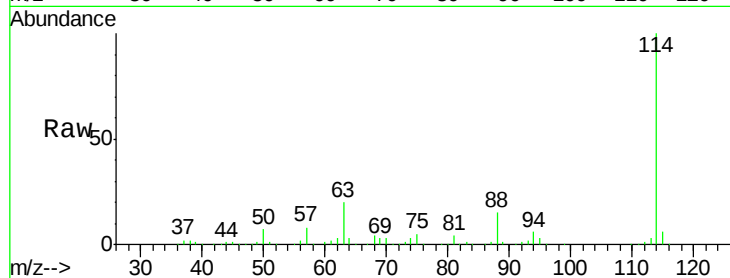
Tot Ion:114 Resp: 649354

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

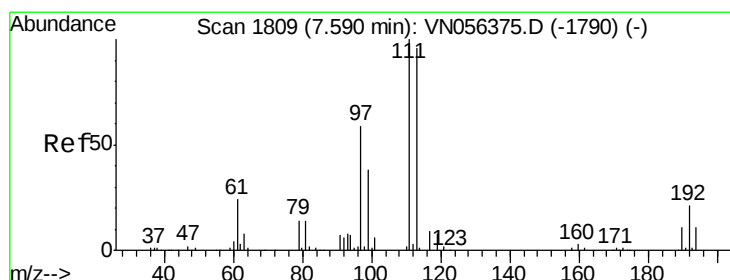
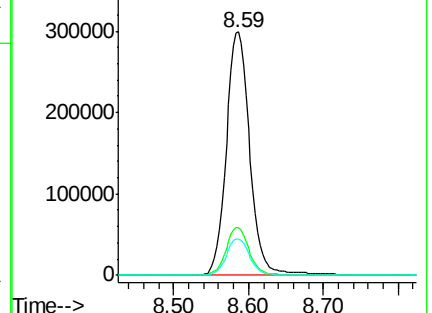
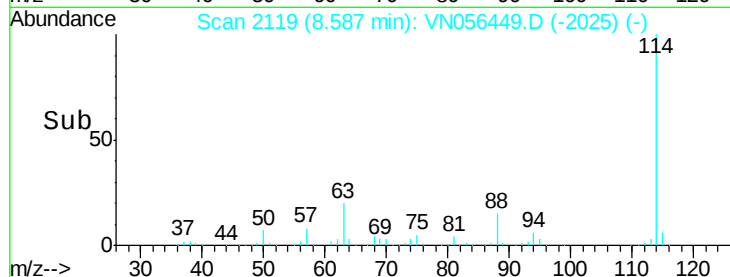
88 14.9 0.0 31.4



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: 46.921 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN056449.D

Acq: 24 Jun 2019 12:38

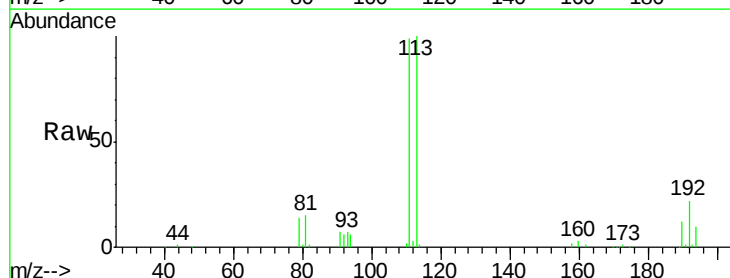
Tgt Ion:113 Resp: 190073

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

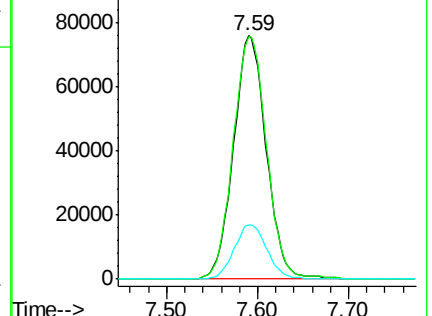
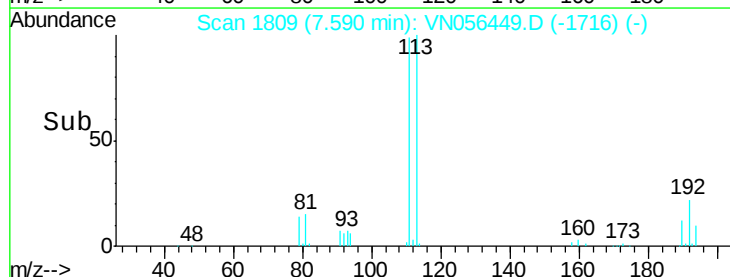
192 22.5 17.7 26.5

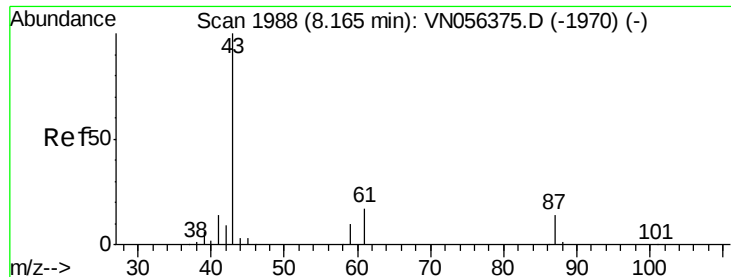


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.847 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056449.D

Acq: 24 Jun 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#04

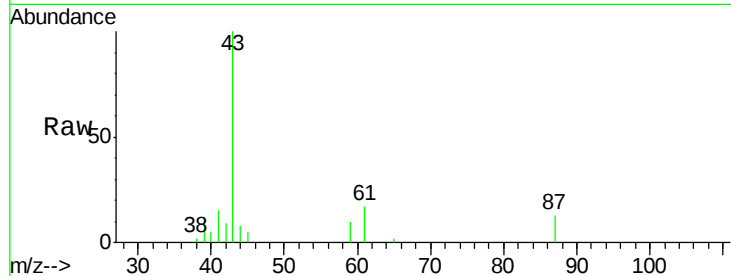
Tot Ion: 43 Resp: 15994

Ion Ratio Lower Upper

43 100

61 20.0 22.0 33.0#

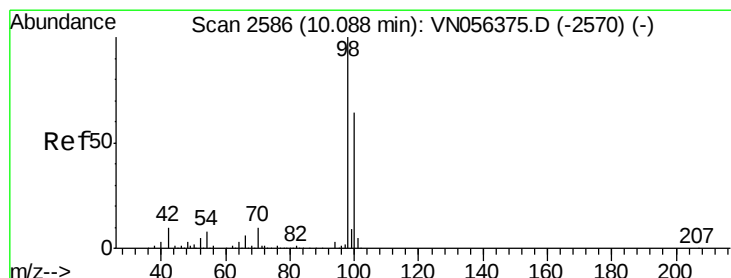
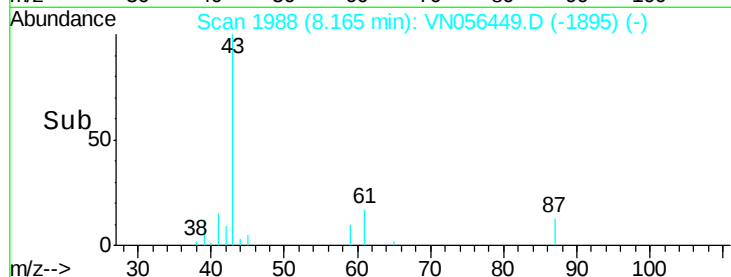
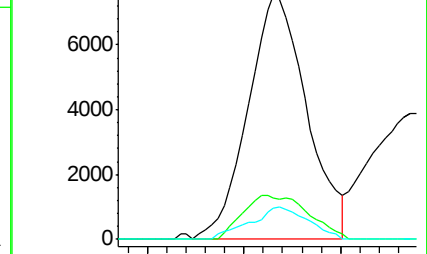
87 13.0 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#50

Toluene-d8

Concen: 51.187 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056449.D

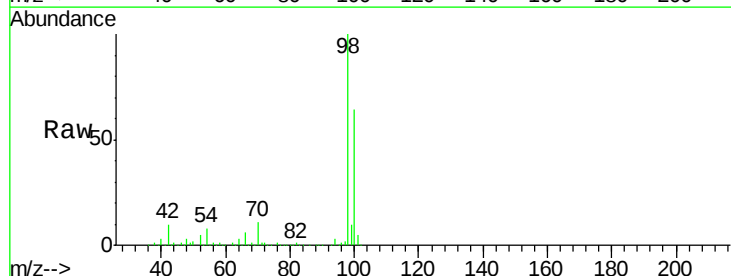
Acq: 24 Jun 2019 12:38

Tgt Ion: 98 Resp: 806829

Ion Ratio Lower Upper

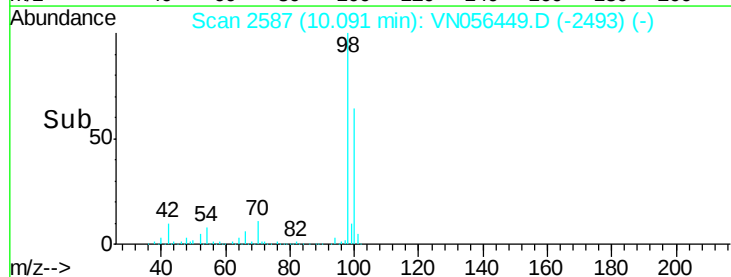
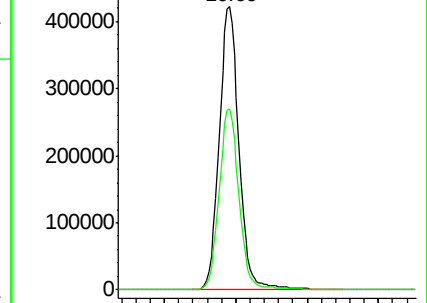
98 100

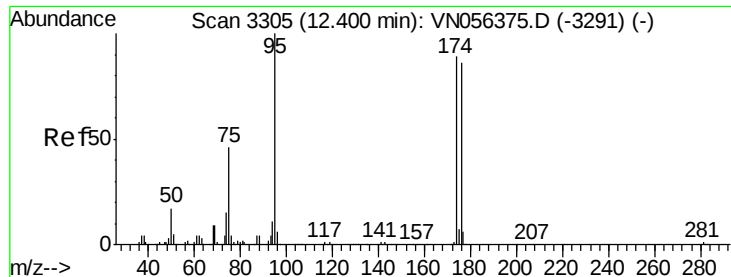
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 49.670 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056449.D

Acq: 24 Jun 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#04

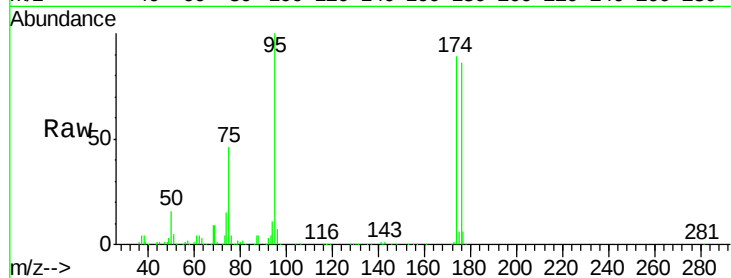
Tot Ion: 95 Resp: 260992

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.4

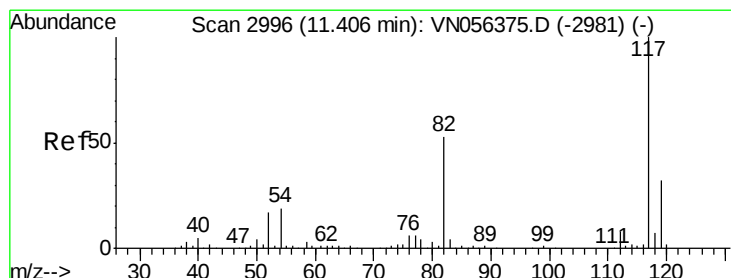
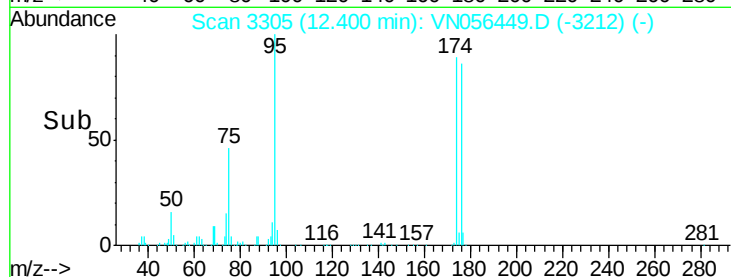
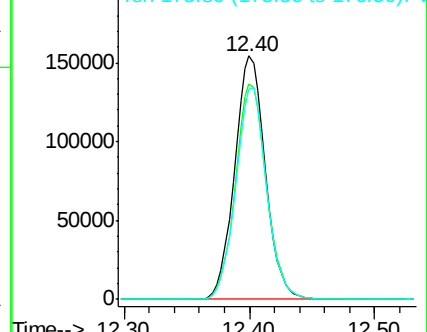
176 87.5 0.0 173.4



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: VN056449.D

Acq: 24 Jun 2019 12:38

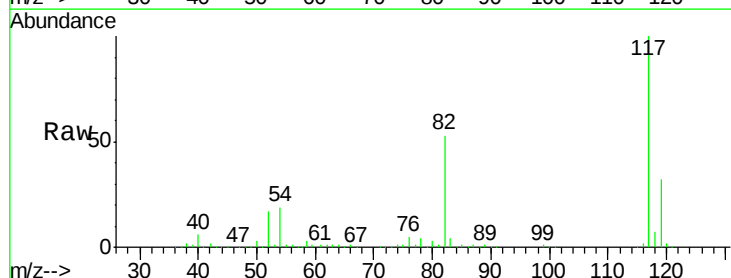
Tgt Ion: 117 Resp: 640598

Ion Ratio Lower Upper

117 100

82 53.1 42.0 63.0

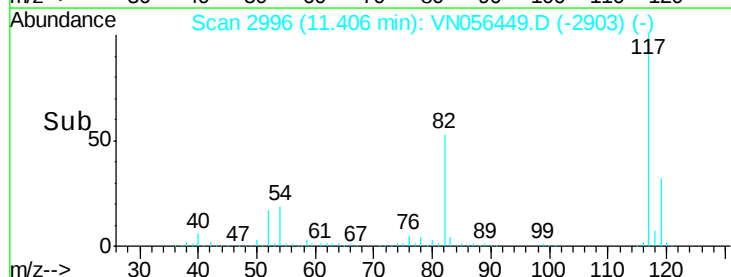
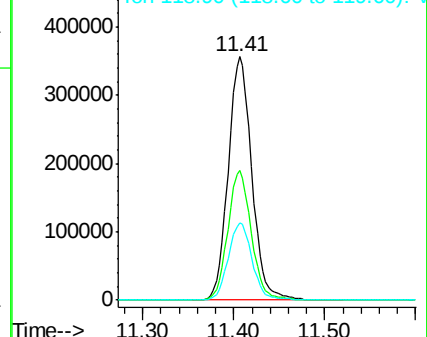
119 31.7 25.3 37.9

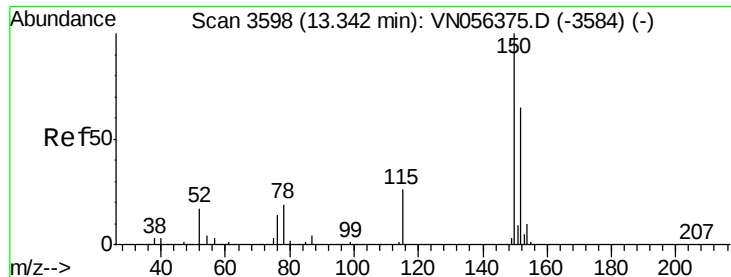


Abundance Ion 116.90 (116.60 to 117.60): VN056375.D (-2981) (-)

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: VN056449.D

Acq: 24 Jun 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#04

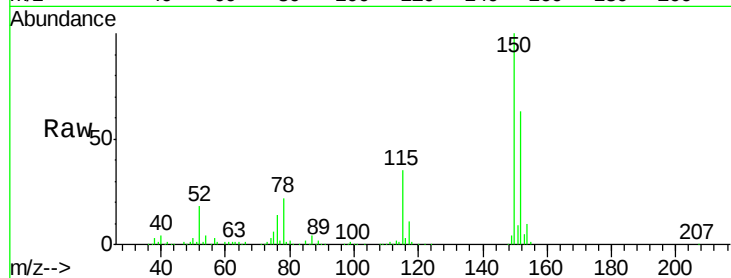
Tot Ion:152 Resp: 186568

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

150 157.8 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

