

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055499.D
 Acq On : 9 May 2019 16:04
 Operator : JC/SP
 Sample : PB119561TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119561TB

Quant Time: May 10 04:36:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

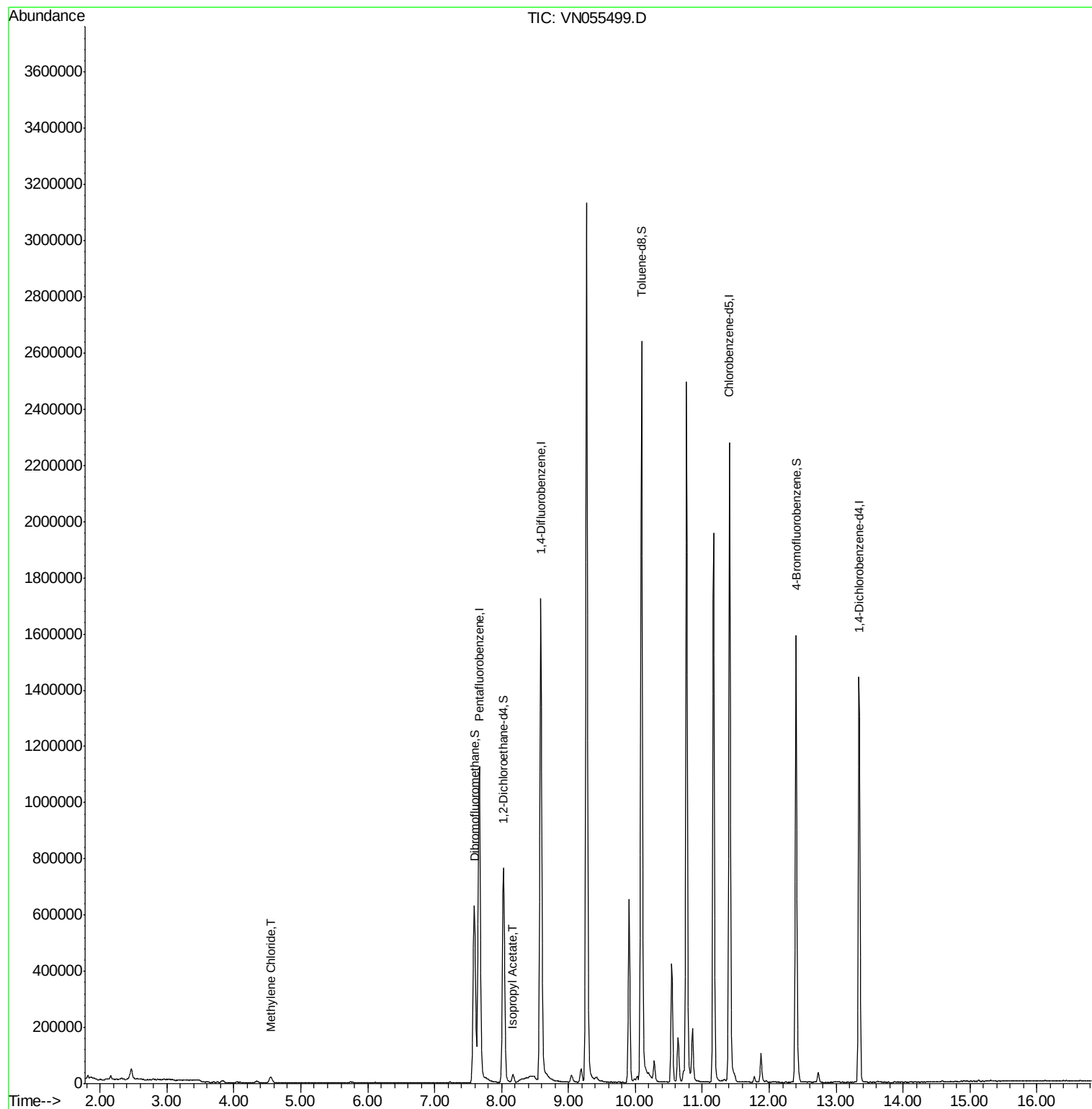
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1585424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	656585	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
35) Dibromofluoromethane	7.59	113	487501	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	1953539	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.40	95	573827	42.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.40%	
Target Compounds						
20) Methylene Chloride	4.55	84	15036	1.138	ug/l	92
43) Isopropyl Acetate	8.17	43	33961	1.312	ug/l	97

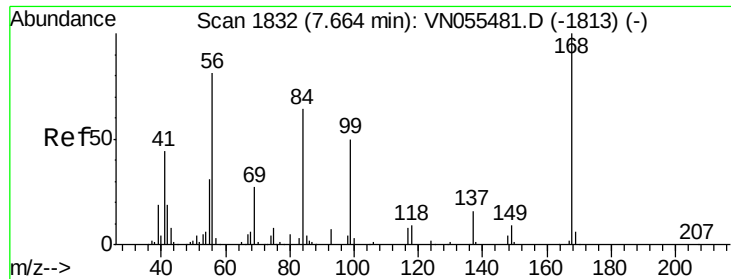
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

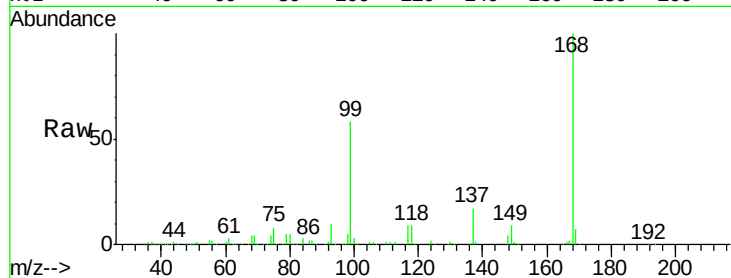
PB119561TB

Tot Ion:168 Resp: 926895

Ion Ratio Lower Upper

168 100

99 57.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

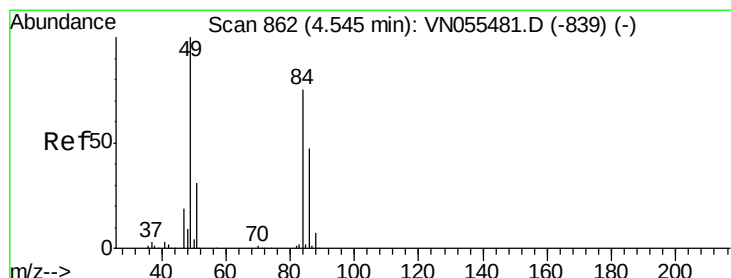
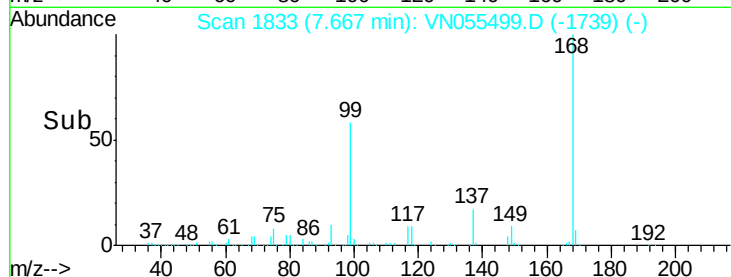
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.138 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.01 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Tgt Ion: 84 Resp: 15036

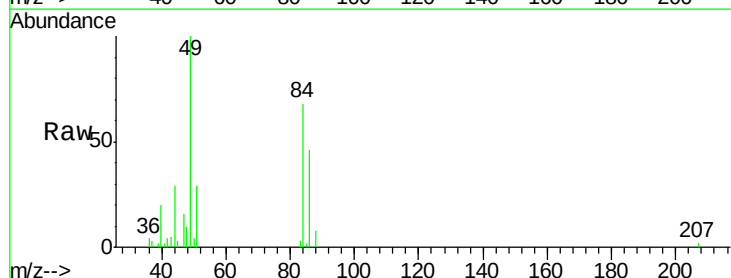
Ion Ratio Lower Upper

84 100

49 147.2 107.0 160.6

51 42.2 33.0 49.4

86 67.3 50.6 76.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

10000

8000

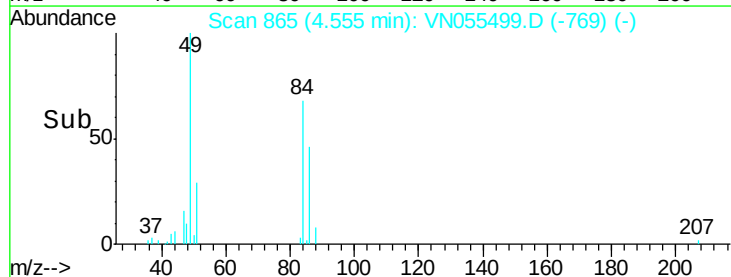
6000

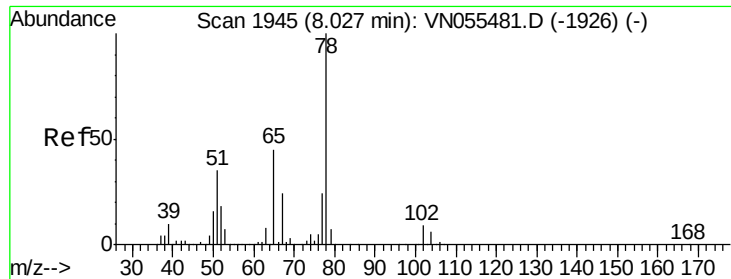
4000

2000

0

Time-->

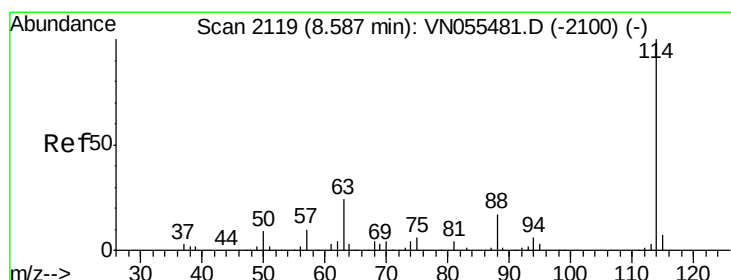
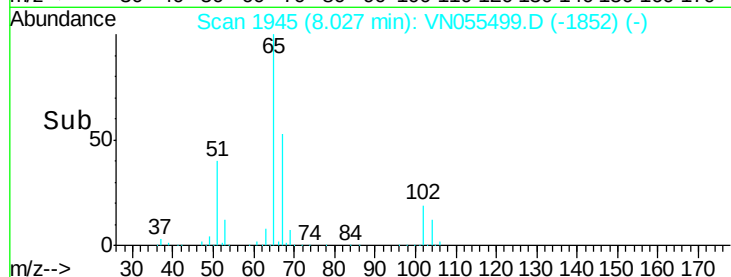
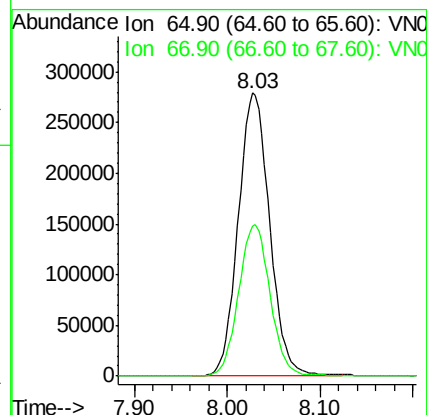
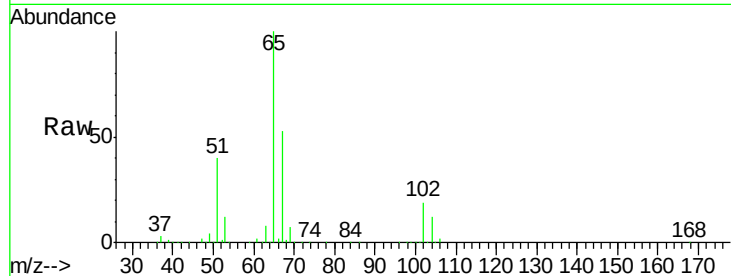




#33
 1,2-Dichloroethane-d4
 Concen: 47.047 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

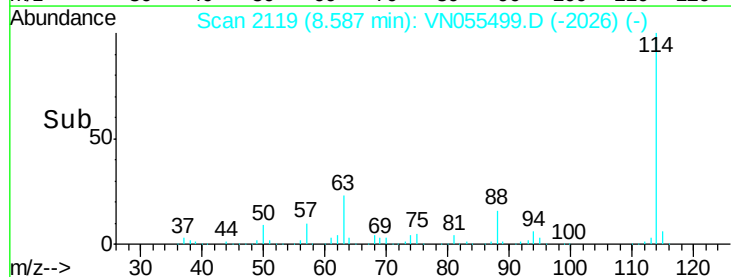
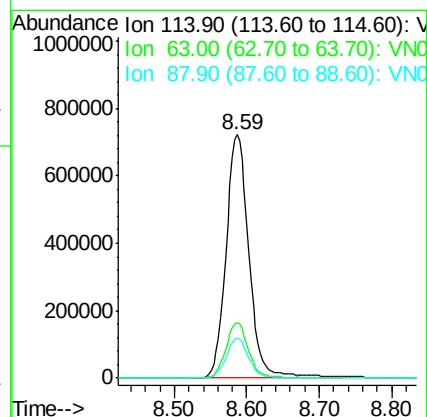
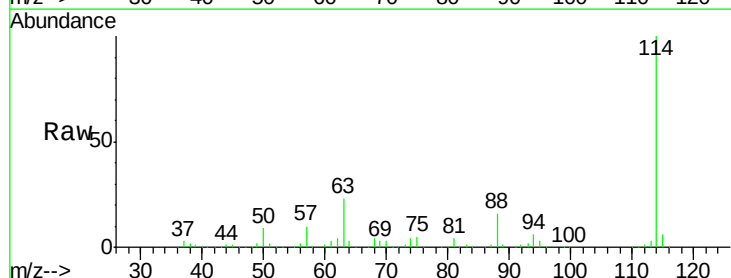
Instrument :
 MSVOA_N
 ClientSampled :
 PB119561TB

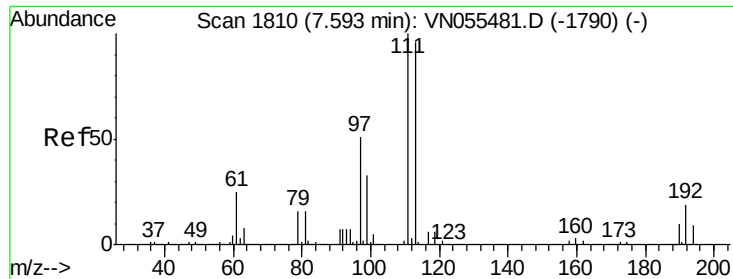
Tot Ion: 65 Resp: 656585
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055499.D
 Acq: 9 May 2019 16:04

Tgt Ion: 114 Resp: 1585424
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

PB119561TB

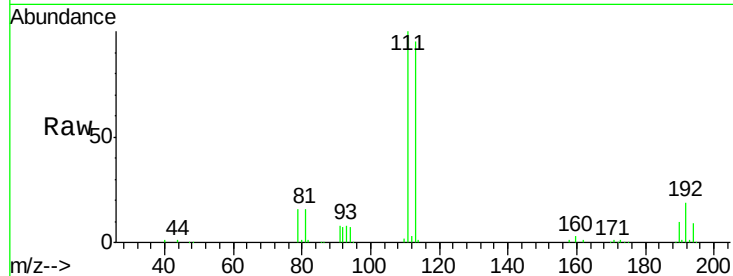
Tot Ion:113 Resp: 487501

Ion Ratio Lower Upper

113 100

111 104.3 82.9 124.3

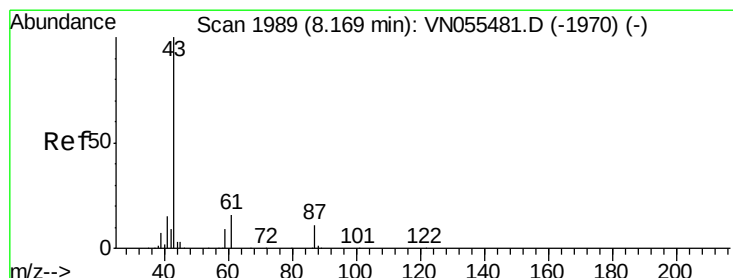
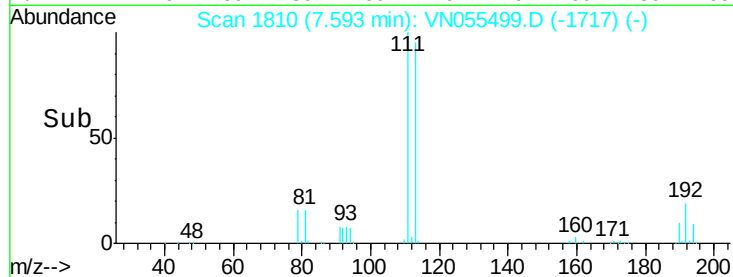
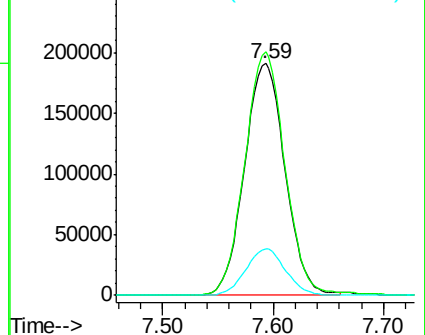
192 19.8 15.6 23.4



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: 1.312 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

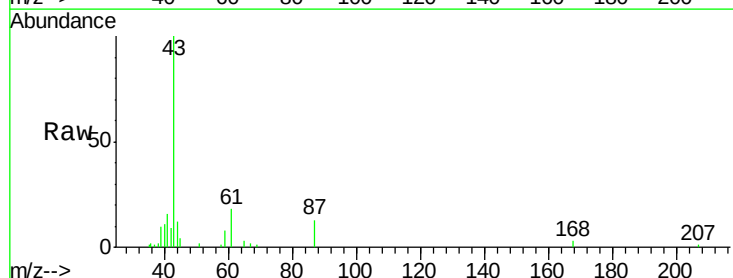
Tgt Ion: 43 Resp: 33961

Ion Ratio Lower Upper

43 100

61 17.5 15.1 22.7

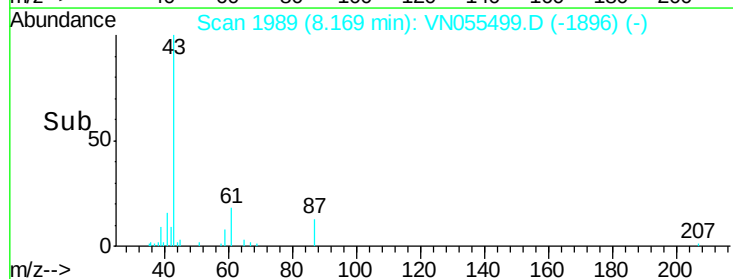
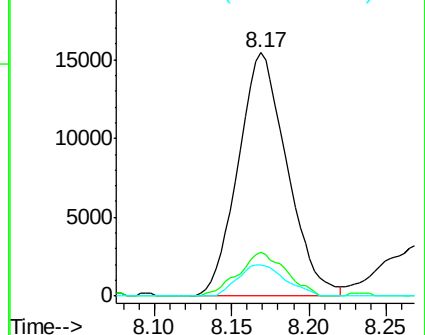
87 12.4 9.0 13.6

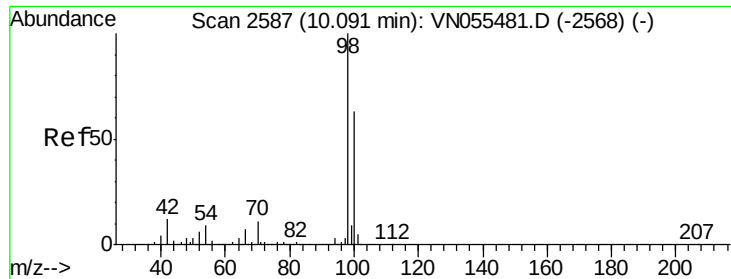


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.017 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

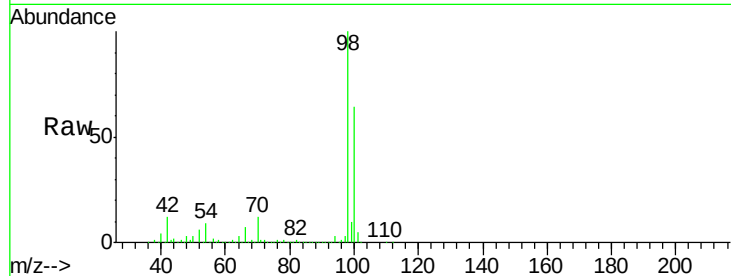
PB119561TB

Tot Ion: 98 Resp: 1953539

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN055481.D (-2568) (-)

10.09

1000000

800000

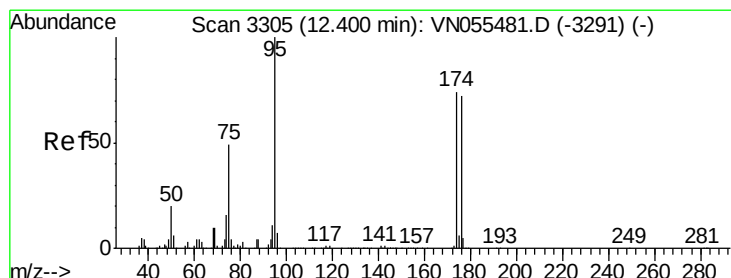
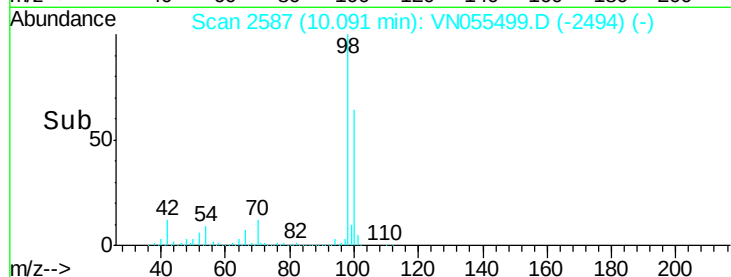
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.700 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055499.D

Acq: 9 May 2019 16:04

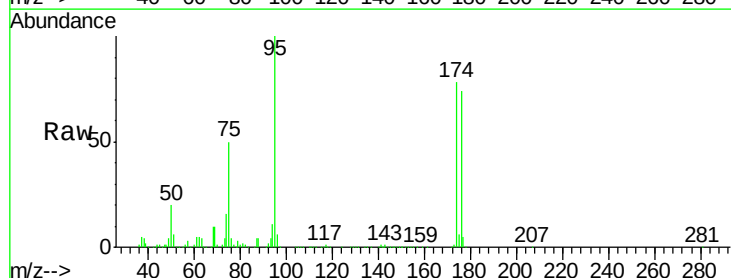
Tgt Ion: 95 Resp: 573827

Ion Ratio Lower Upper

95 100

174 77.9 0.0 152.2

176 74.0 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055481.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055481.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055481.D (-3291) (-)

12.40

400000

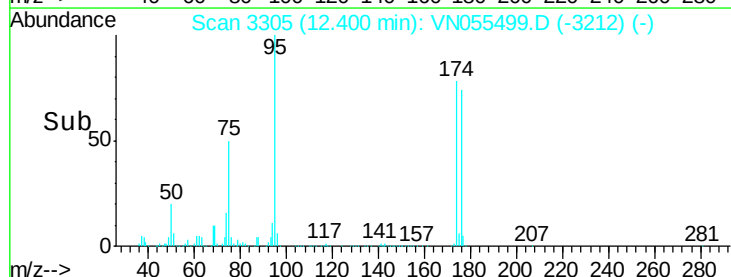
300000

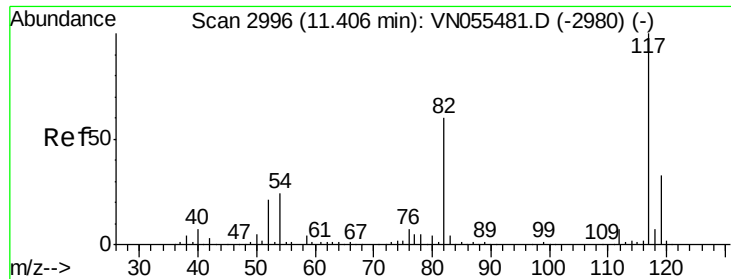
200000

100000

0

Time-->

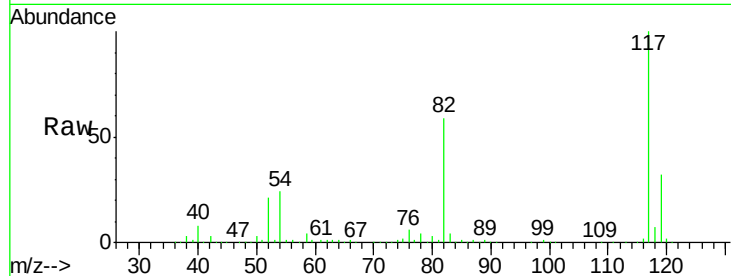




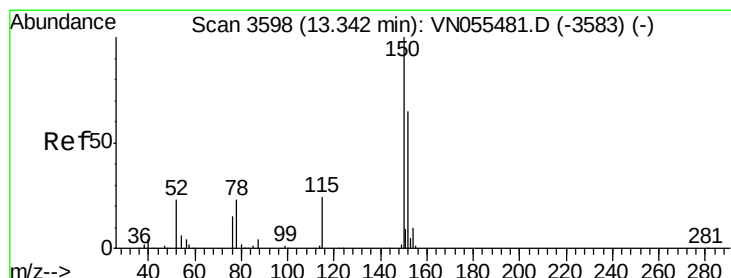
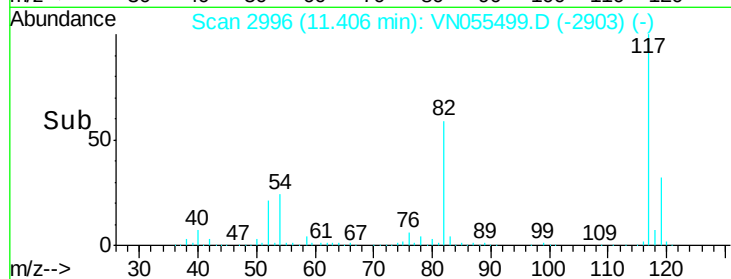
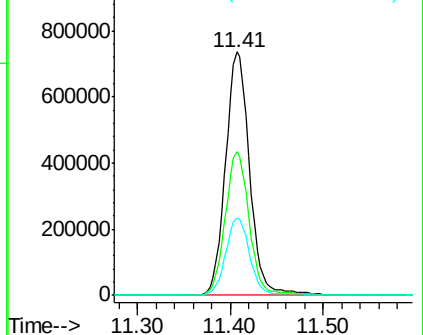
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Instrument :
MSVOA_N
ClientSampleId :
PB119561TB

Tot Ion:117 Resp: 1324513
Ion Ratio Lower Upper
117 100
82 58.9 48.0 72.0
119 32.0 26.0 39.0

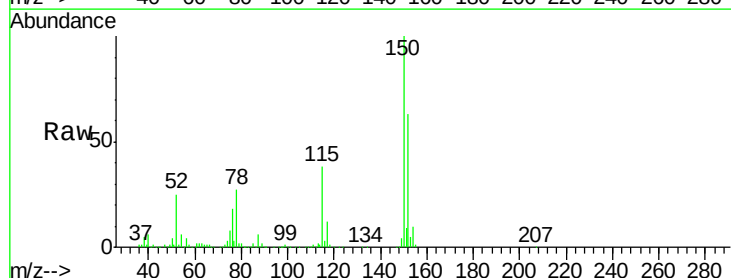


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055499.D
Acq: 9 May 2019 16:04

Tgt Ion:152 Resp: 389853
Ion Ratio Lower Upper
152 100
115 61.3 30.1 90.5
150 158.3 0.0 355.0



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

