

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055498.D
 Acq On : 9 May 2019 15:39
 Operator : JC/SP
 Sample : PB119563TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119563TB

Quant Time: May 10 04:33:57 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

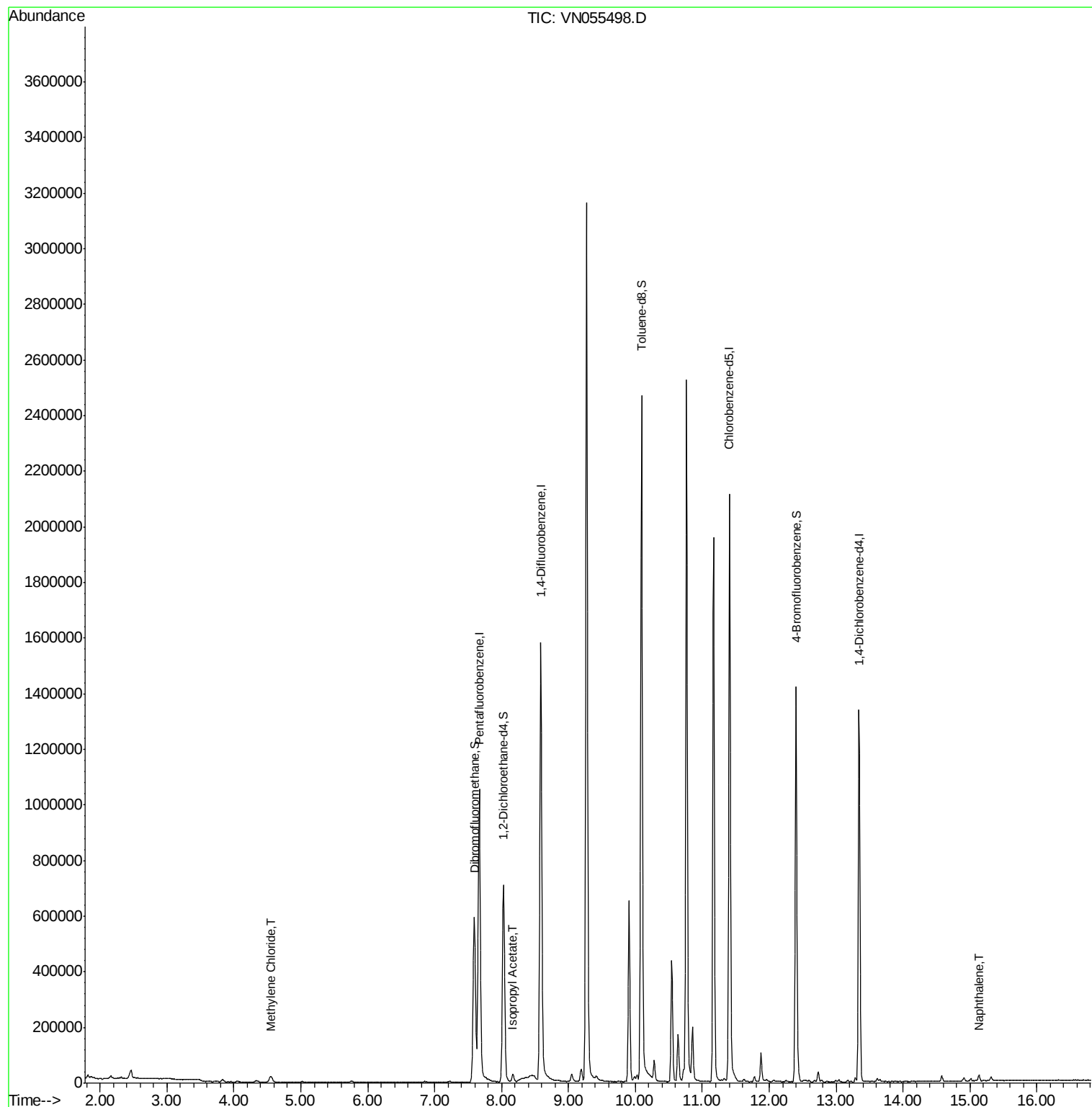
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	866246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1471660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1231425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	360848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	605703	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	7.59	113	459169	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	10.09	98	1794956	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	528655	42.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.76%	
Target Compounds						
20) Methylene Chloride	4.55	84	15456	1.252	ug/l	96
43) Isopropyl Acetate	8.17	43	33567	1.397	ug/l	99
95) Naphthalene	15.13	128	17703	4.044	ug/l	99

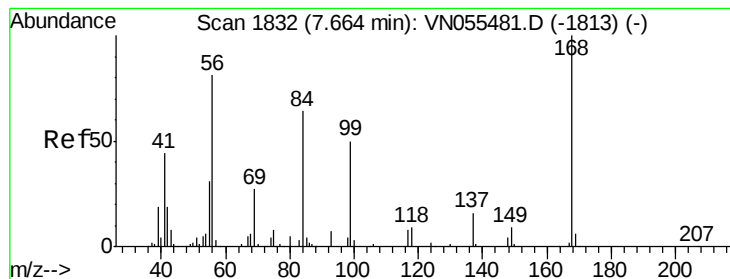
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 04:17:44 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: VN055498.D

Acq: 9 May 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

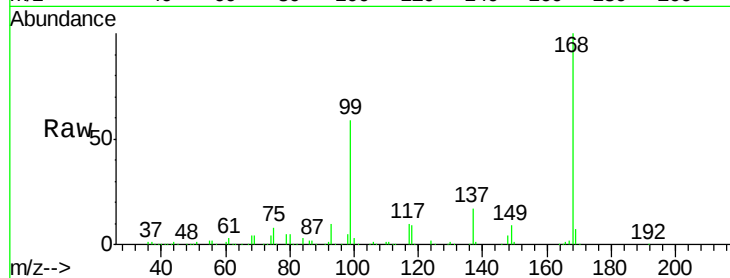
PB119563TB

Tot Ion:168 Resp: 866246

Ion Ratio Lower Upper

168 100

99 58.6 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

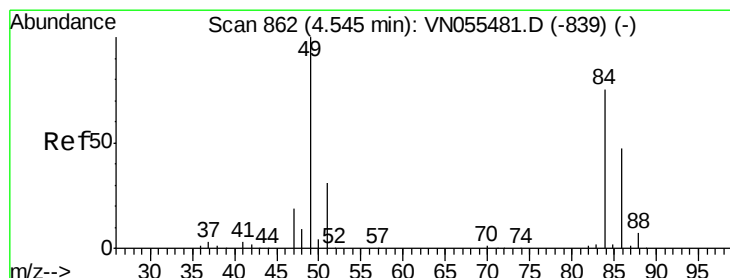
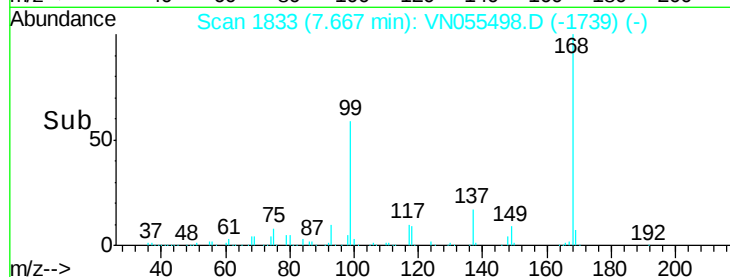
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.252 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

Tgt Ion: 84 Resp: 15456

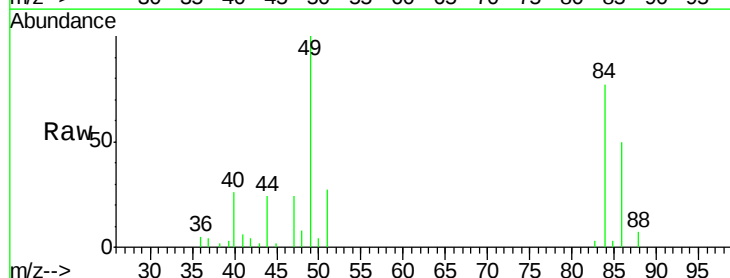
Ion Ratio Lower Upper

84 100

49 129.9 107.0 160.6

51 35.3 33.0 49.4

86 64.8 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

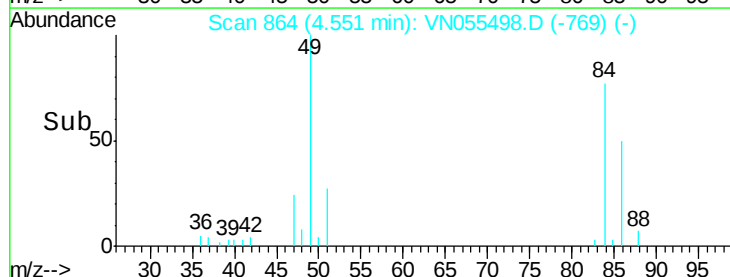
6000

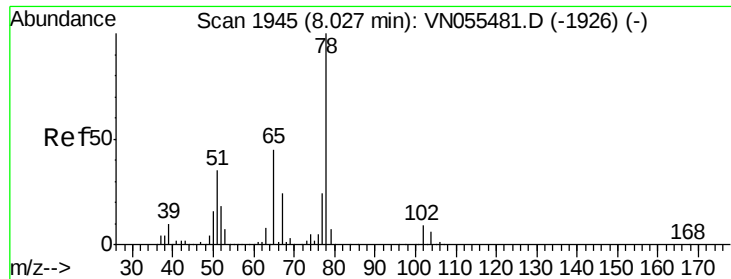
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.440 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

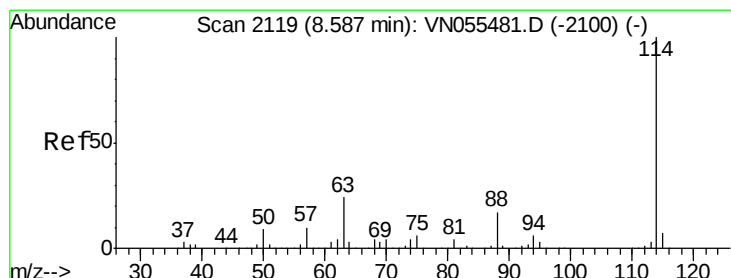
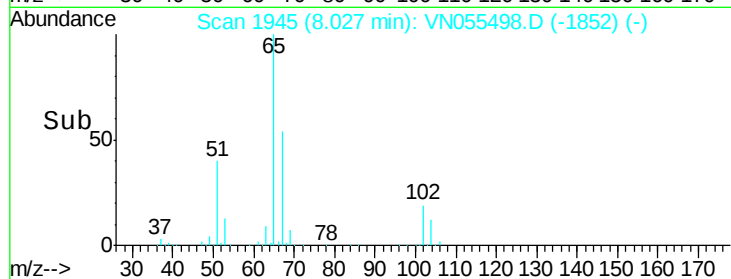
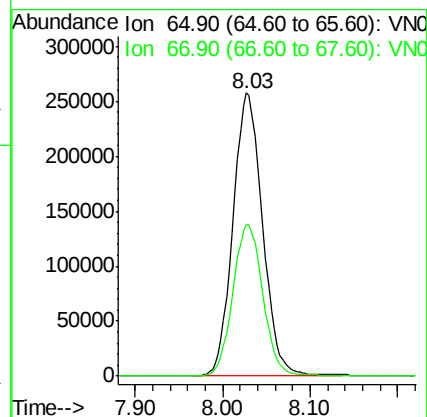
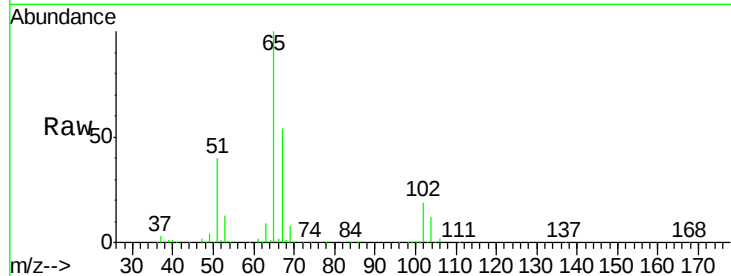
PB119563TB

Tot Ion: 65 Resp: 605703

Ion Ratio Lower Upper

65 100

67 54.4 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: VN055498.D

Acq: 9 May 2019 15:39

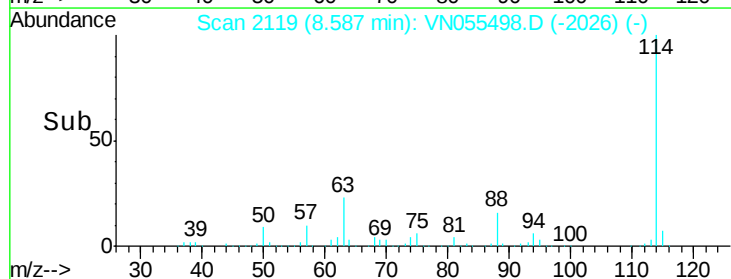
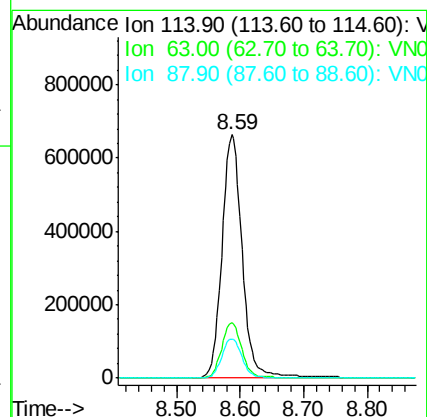
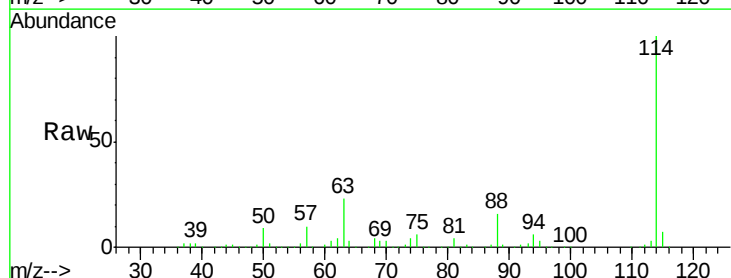
Tgt Ion: 114 Resp: 1471660

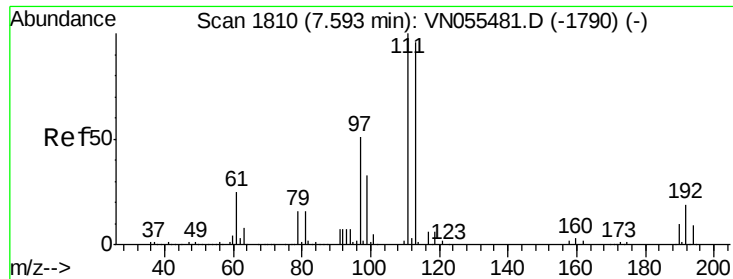
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.4

88 16.2 0.0 34.0

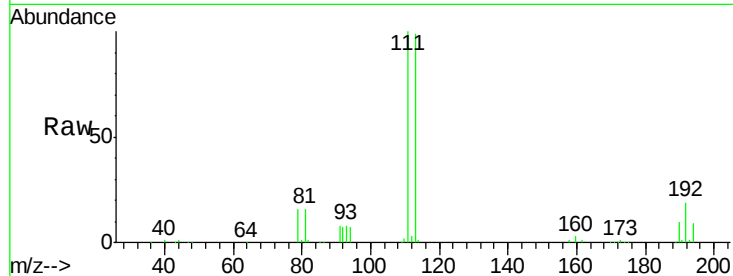




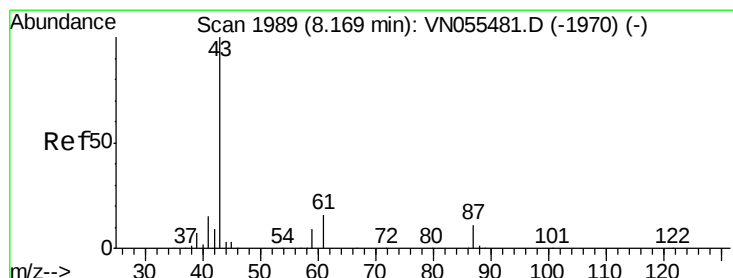
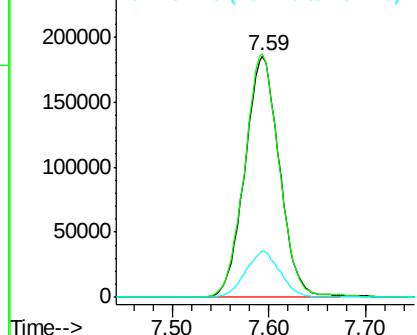
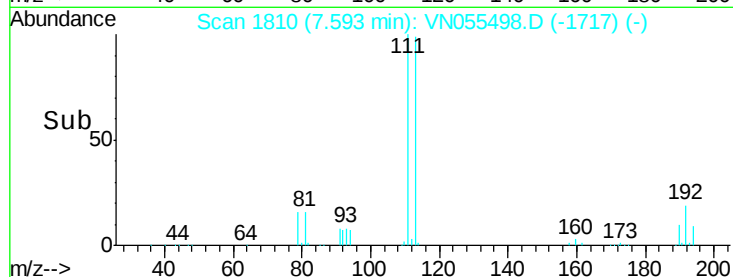
#35
 Dibromofluoromethane
 Concen: 48.367 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055498.D
 Acq: 9 May 2019 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119563TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.9	124.3
192	19.3	15.6	23.4

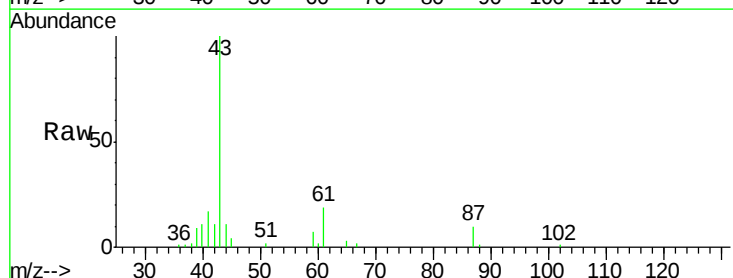


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

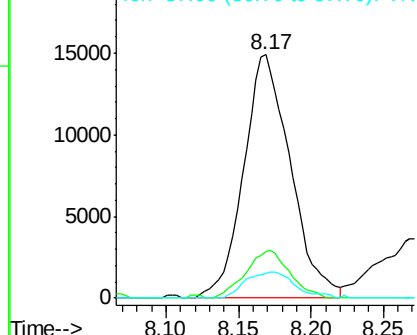
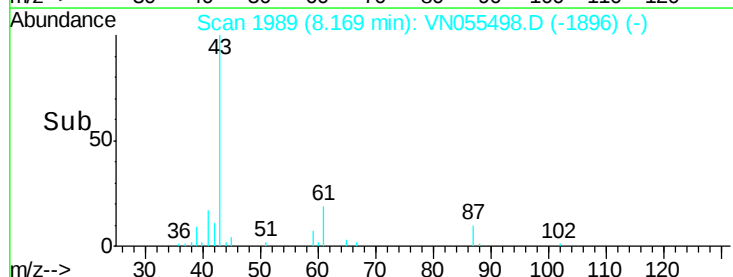


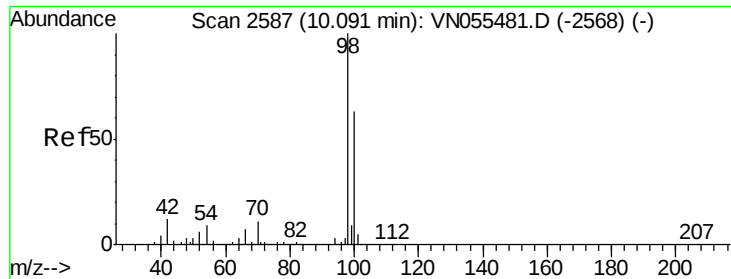
#43
 Isopropyl Acetate
 Concen: 1.397 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN055498.D
 Acq: 9 May 2019 15:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.1	22.7
87	11.3	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: 48.519 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

Instrument :

MSVOA_N

ClientSampled :

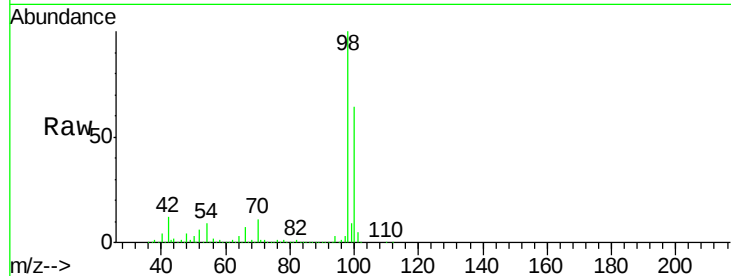
PB119563TB

Tot Ion: 98 Resp: 1794956

Ion Ratio Lower Upper

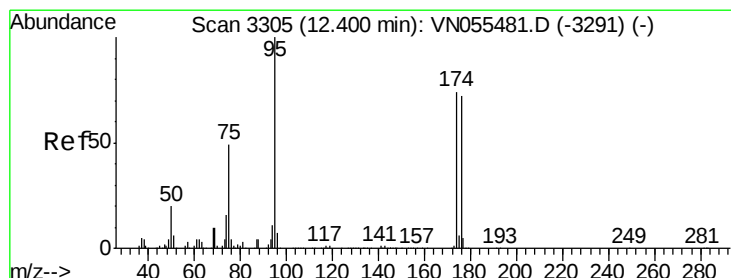
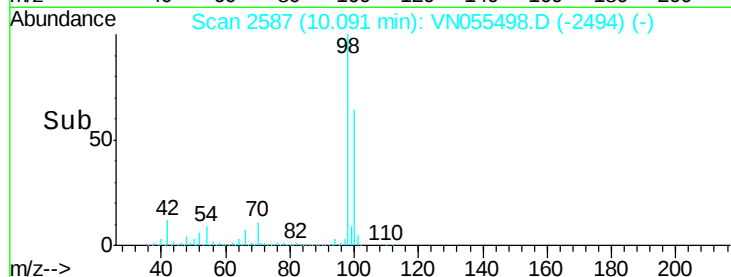
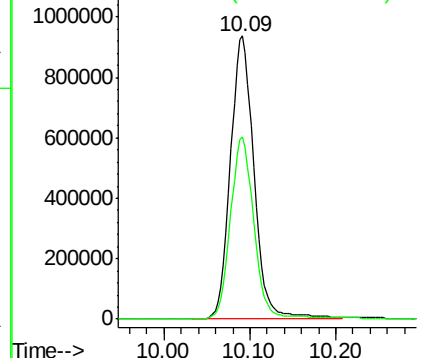
98 100

100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.380 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

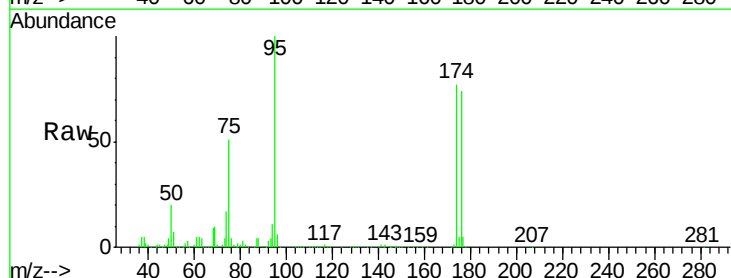
Tgt Ion: 95 Resp: 528655

Ion Ratio Lower Upper

95 100

174 77.5 0.0 152.2

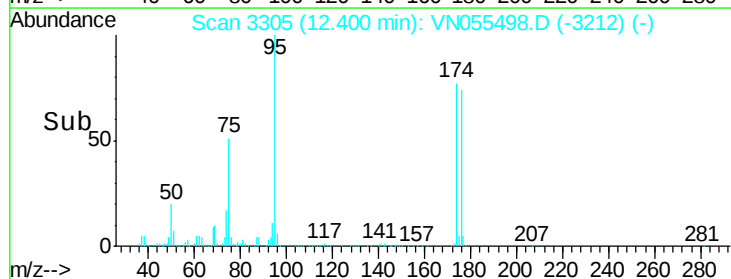
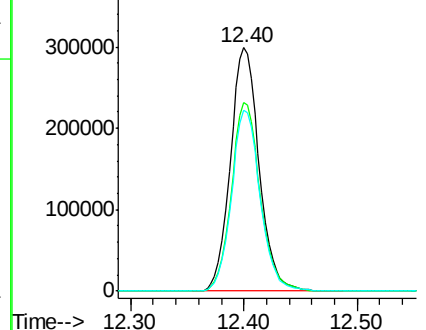
176 74.1 0.0 147.8

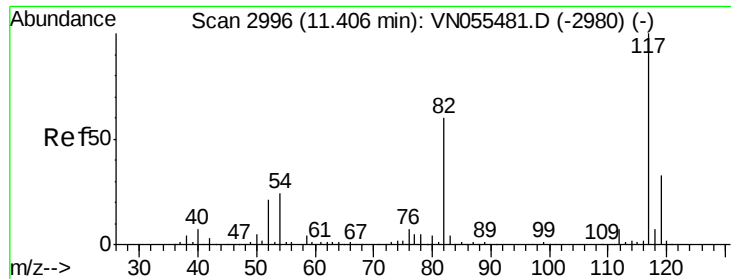


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB119563TB

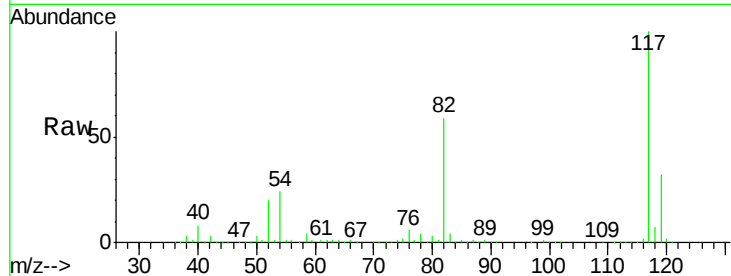
Tot Ion:117 Resp: 1231425

Ion Ratio Lower Upper

117 100

82 58.6 48.0 72.0

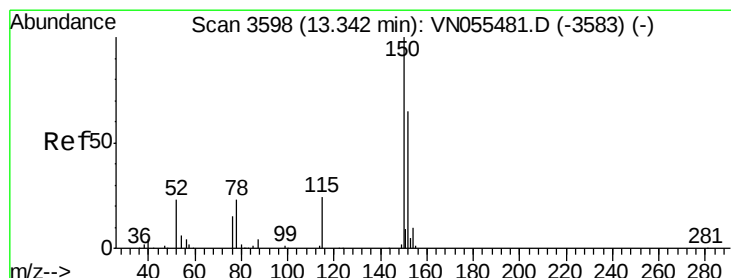
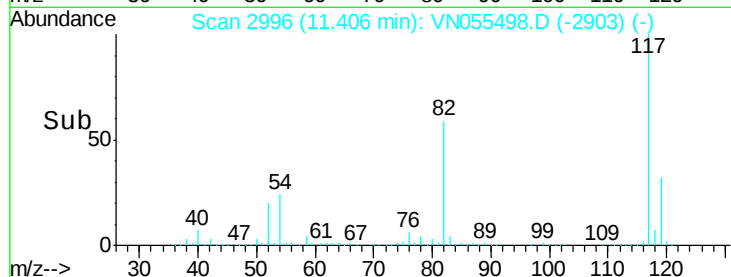
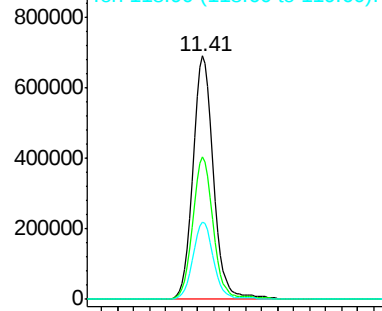
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN055498.D

Acq: 9 May 2019 15:39

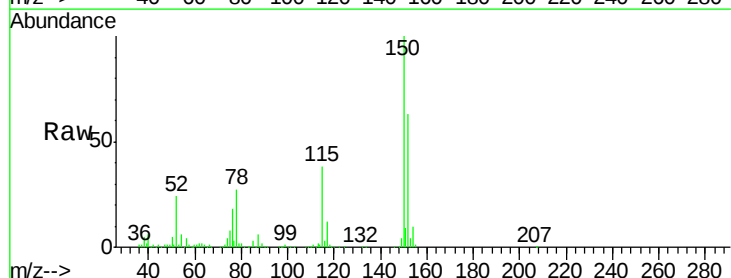
Tgt Ion:152 Resp: 360848

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.5

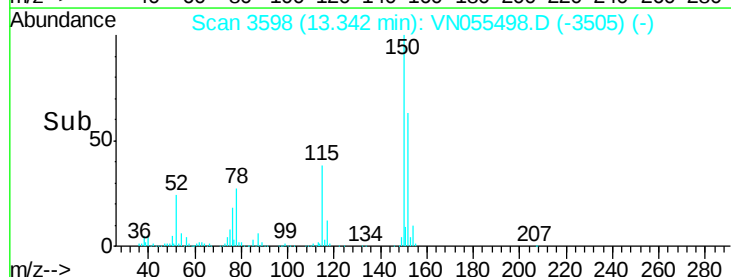
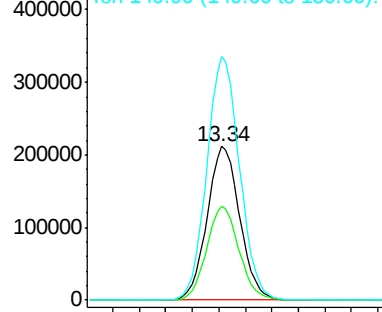
150 159.1 0.0 355.0

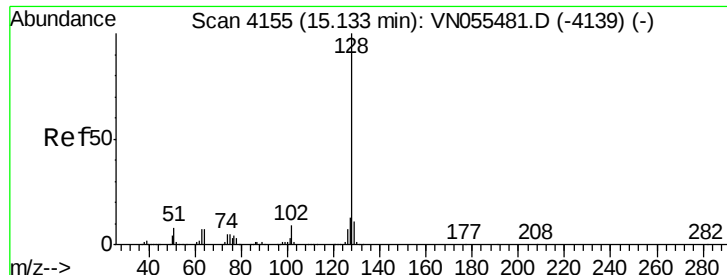


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.044 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055498.D

Acq: 9 May 2019 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB119563TB

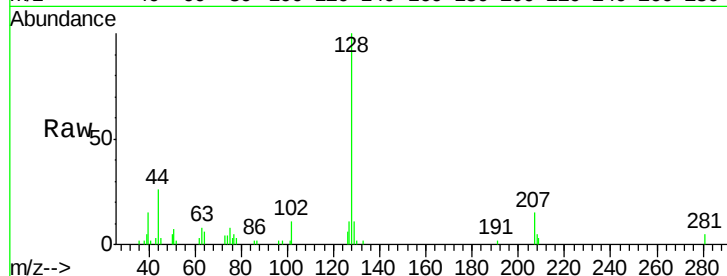
Tot Ion:128 Resp: 17703

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

