

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051019\
 Data File : VN055550.D
 Acq On : 10 May 2019 14:27
 Operator : JC/SP
 Sample : K2758-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IW-20

Quant Time: May 11 01:44:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

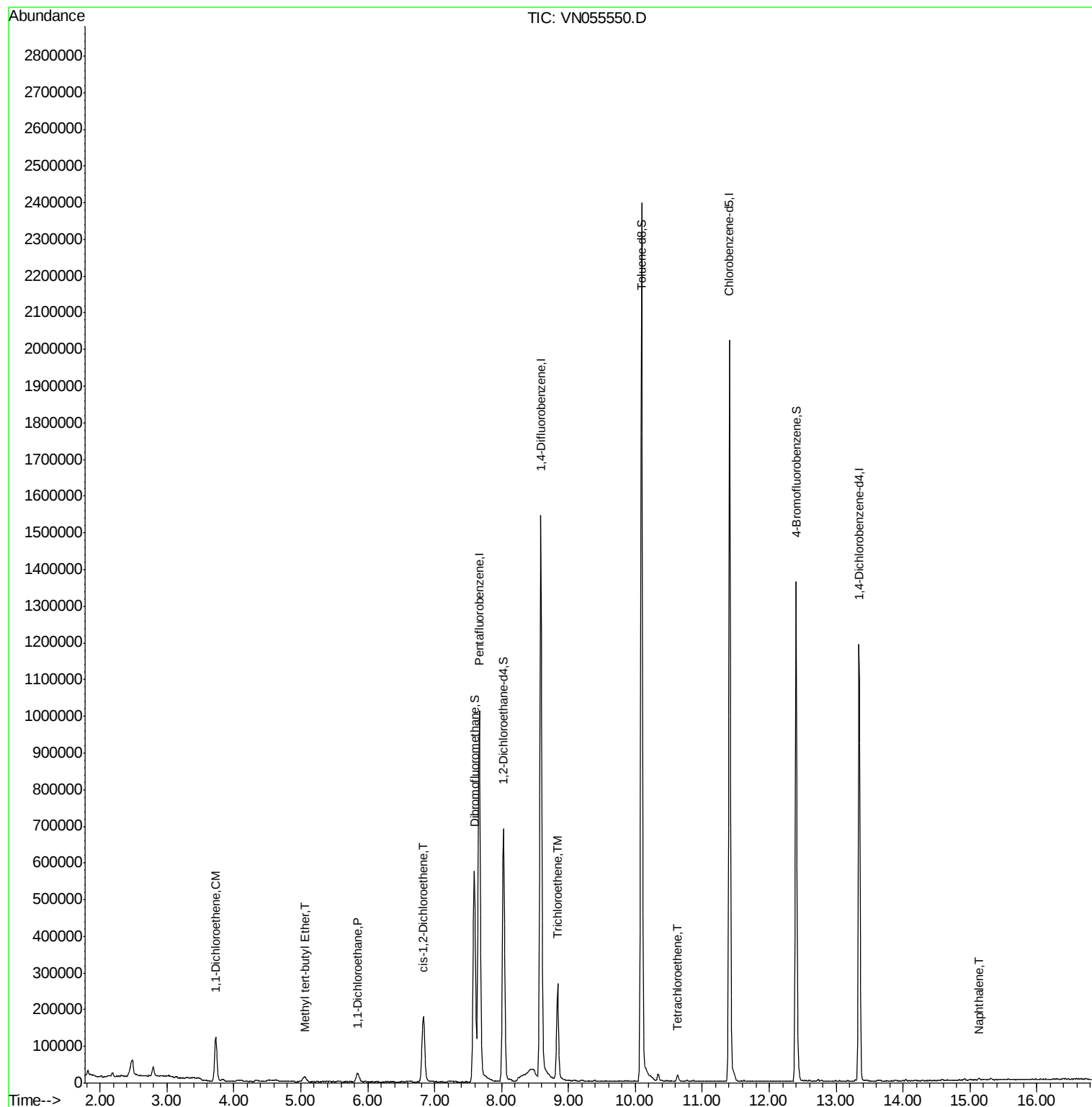
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	848208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1433385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1181783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	576929	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	
35) Dibromofluoromethane	7.59	113	451702	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.09	98	1736177	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	12.40	95	497612	40.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.92%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	61819	6.668	ug/l	99
19) Methyl tert-butyl Ether	5.06	73	19186	0.623	ug/l #	84
24) 1,1-Dichloroethane	5.85	63	36727	1.763	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	118549	10.206	ug/l	91
44) Trichloroethene	8.84	130	96227	9.228	ug/l	96
64) Tetrachloroethene	10.63	164	4153	0.429	ug/l	85
95) Naphthalene	15.14	128	3854	3.198	ug/l #	83

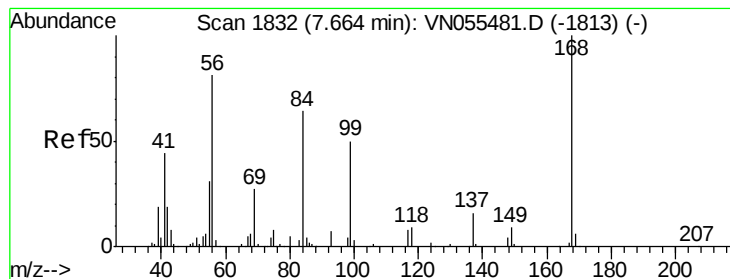
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051019\
Data File : VN055550.D
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Instrument :
MSVOA_N
ClientSampleId :
IW-20

Quant Time: May 11 01:44:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 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: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

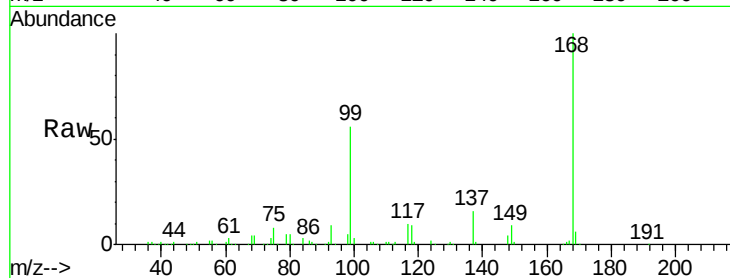
IW-20

Tot Ion:168 Resp: 848208

Ion Ratio Lower Upper

168 100

99 56.4 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

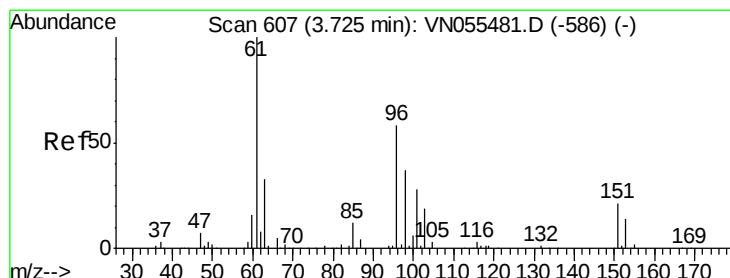
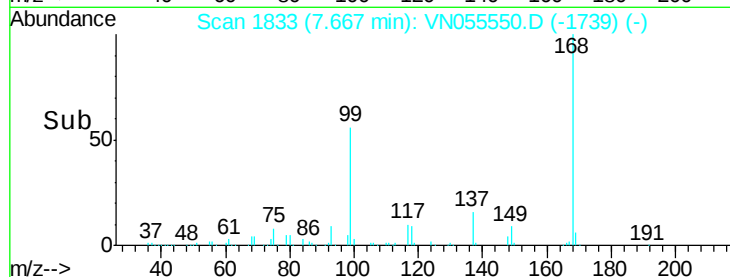
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 6.668 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

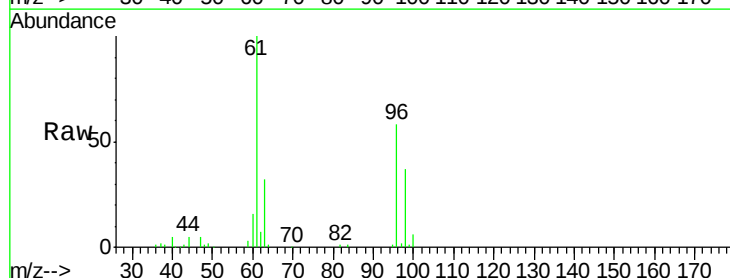
Tgt Ion: 96 Resp: 61819

Ion Ratio Lower Upper

96 100

61 171.4 138.7 208.1

98 63.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

60000

50000

40000

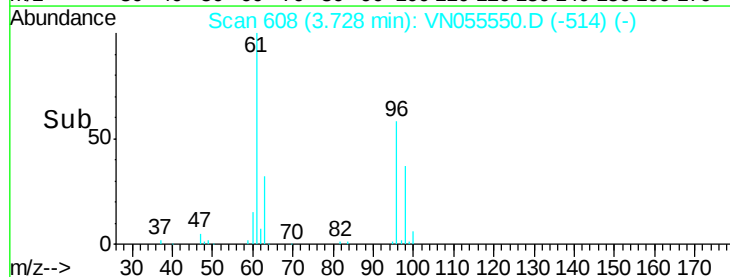
30000

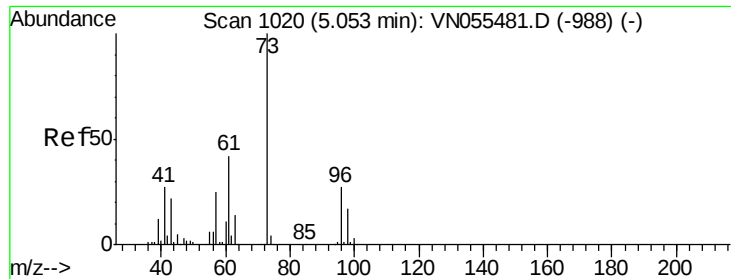
20000

10000

0

Time-->

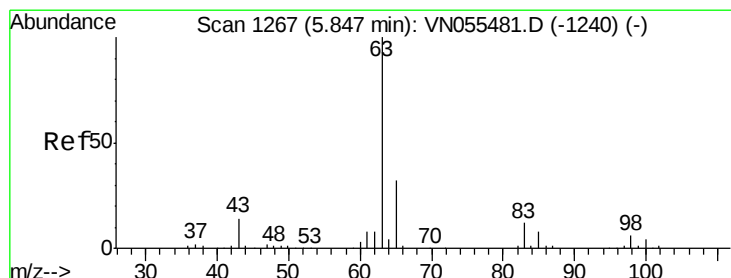
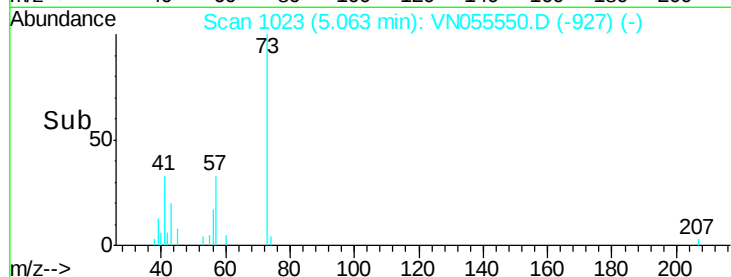
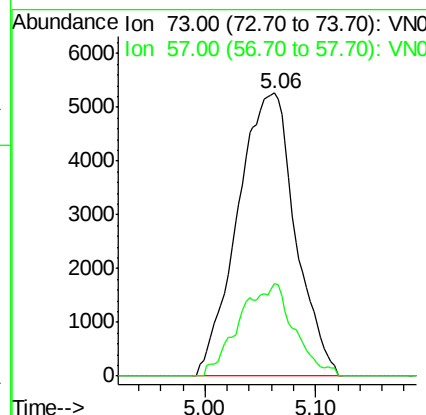
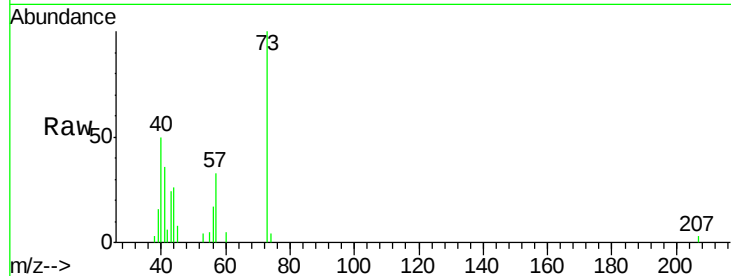




#19
Methvl tert-butvl Ether
Concen: 0.623 ug/l
RT: 5.06 min Scan# 1023
Delta R.T. 0.01 min
Lab File: VN055550.D
Acq: 10 May 2019 14:27

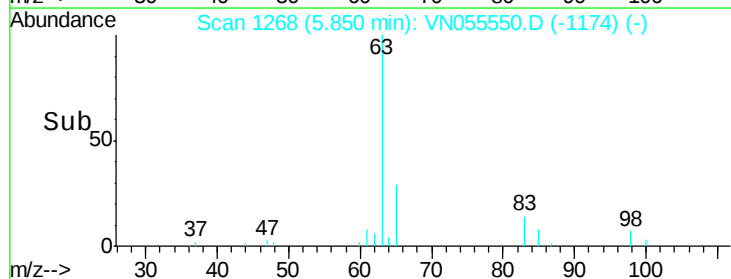
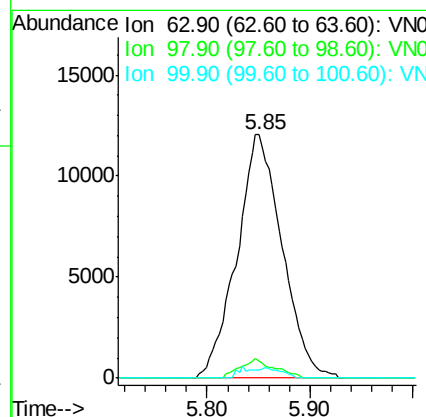
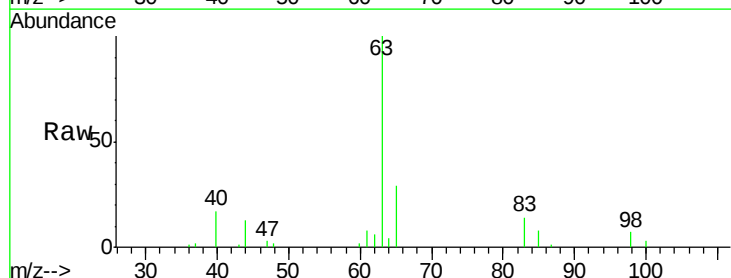
Instrument :
MSVOA_N
ClientSampled :
IW-20

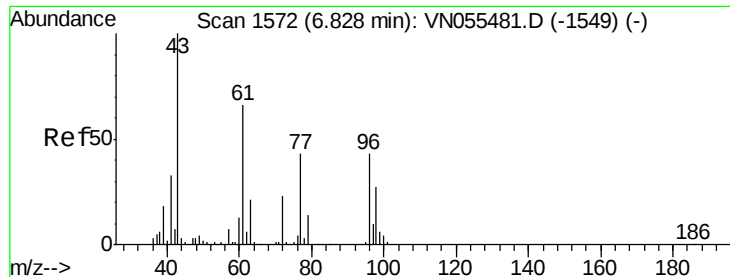
Tot Ion: 73 Resp: 19186
Ion Ratio Lower Upper
73 100
57 32.9 20.0 30.0#



#24
1,1-Dichloroethane
Concen: 1.763 ug/l
RT: 5.85 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VN055550.D
Acq: 10 May 2019 14:27

Tgt Ion: 63 Resp: 36727
Ion Ratio Lower Upper
63 100
98 7.1 3.0 9.0
100 3.5 1.9 5.7





#27

cis-1,2-Dichloroethene

Concen: 10.206 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

IW-20

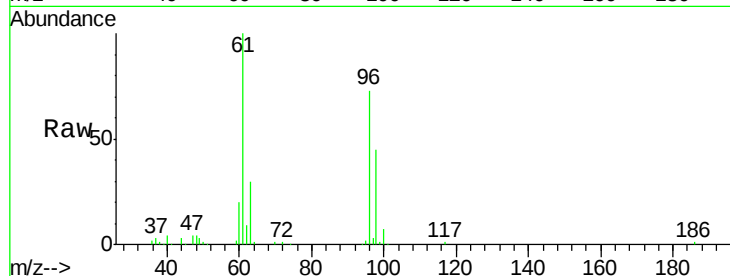
Tot Ion: 96 Resp: 118549

Ion Ratio Lower Upper

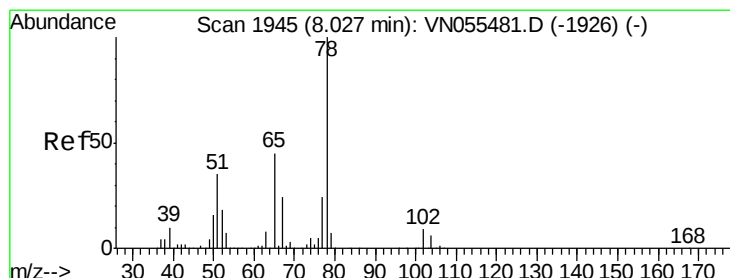
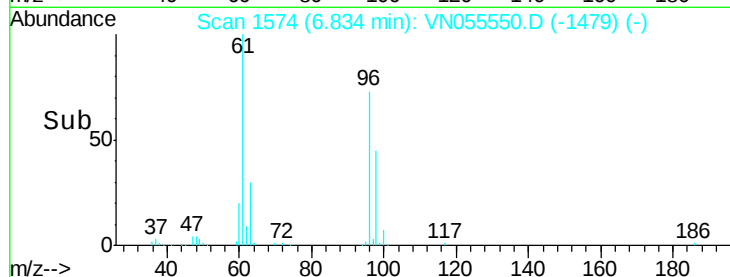
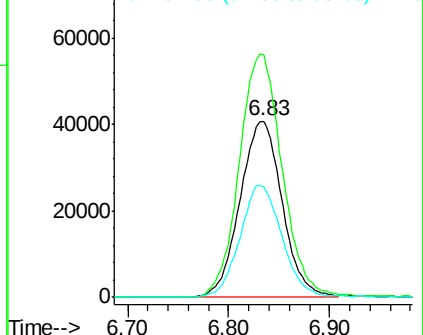
96 100

61 140.3 0.0 310.8

98 63.2 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 45.174 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055550.D

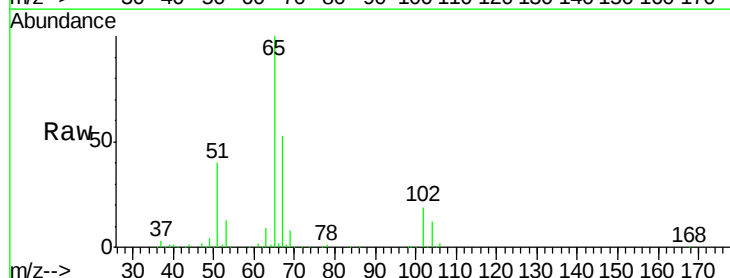
Acq: 10 May 2019 14:27

Tgt Ion: 65 Resp: 576929

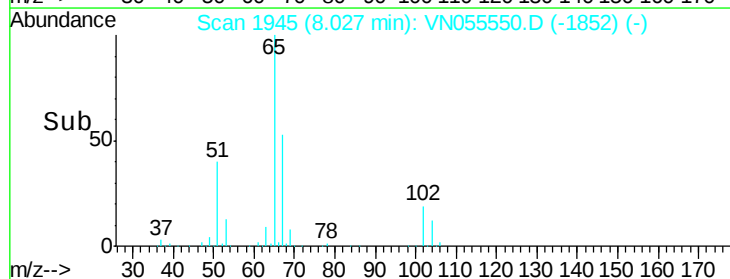
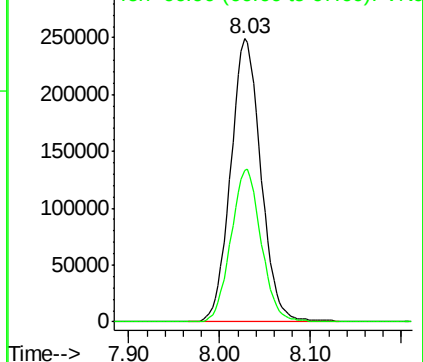
Ion Ratio Lower Upper

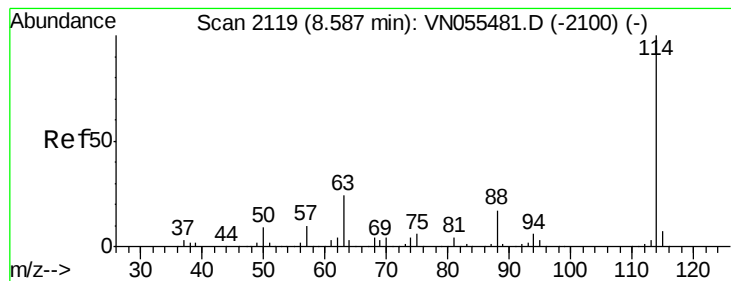
65 100

67 53.7 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

IW-20

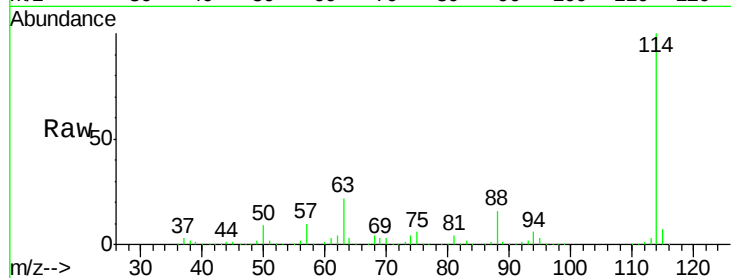
Tot Ion:114 Resp: 1433385

Ion Ratio Lower Upper

114 100

63 22.5 0.0 47.4

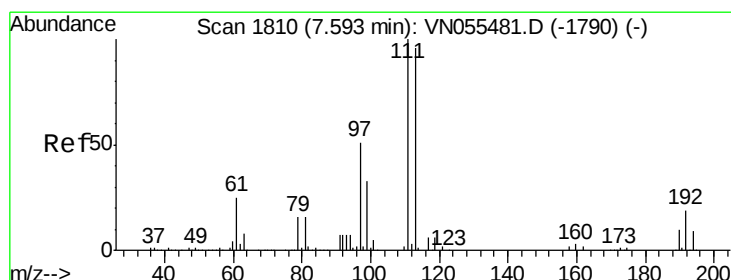
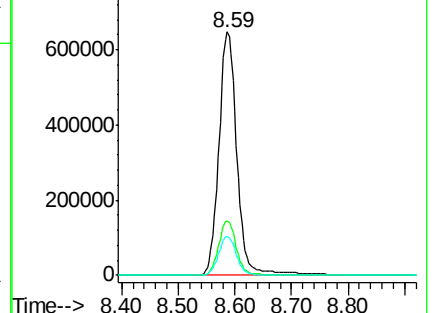
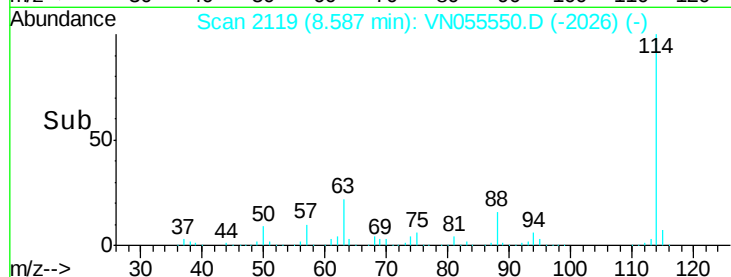
88 16.1 0.0 34.0



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: 48.851 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

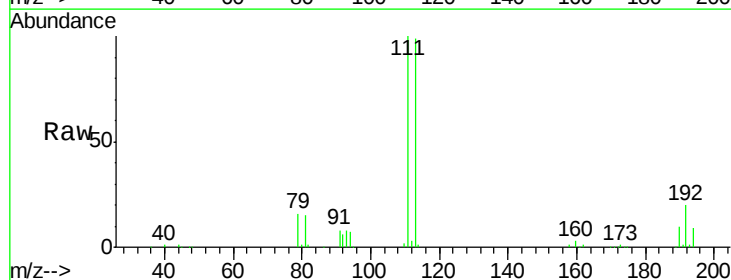
Tgt Ion:113 Resp: 451702

Ion Ratio Lower Upper

113 100

111 101.4 82.9 124.3

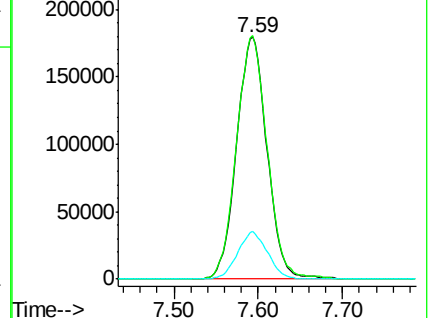
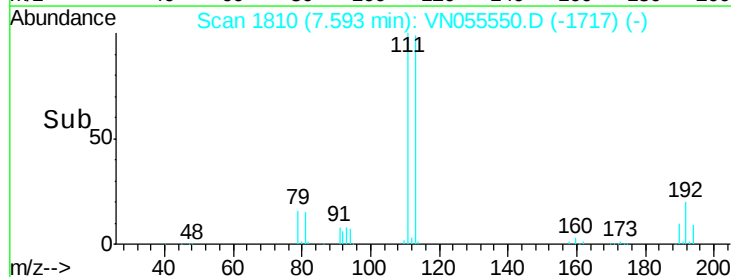
192 19.3 15.6 23.4

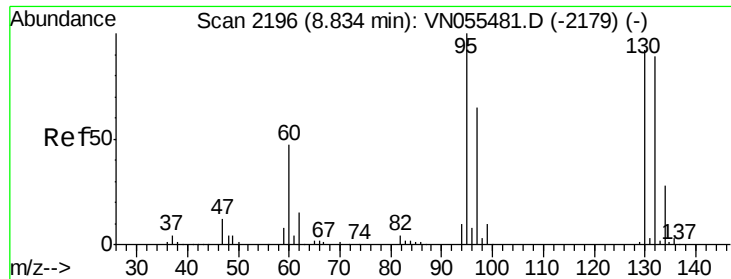


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.228 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

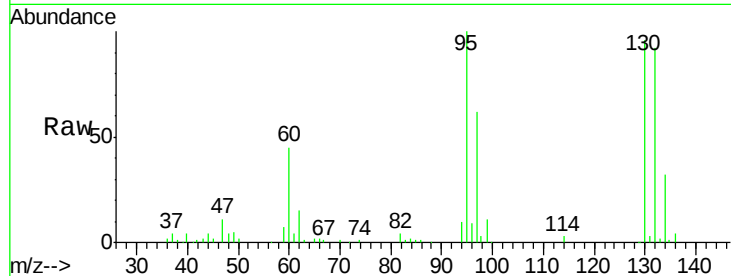
IW-20

Tot Ion:130 Resp: 96227

Ion Ratio Lower Upper

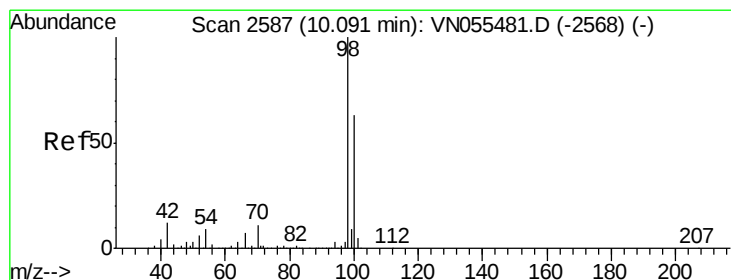
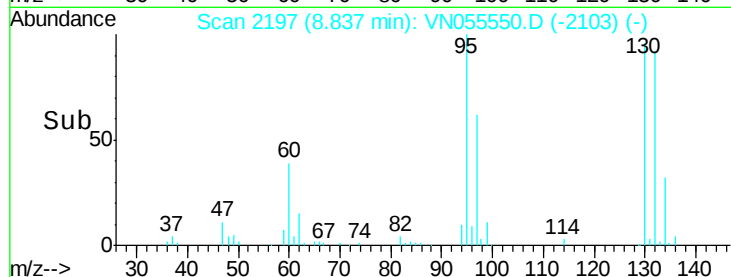
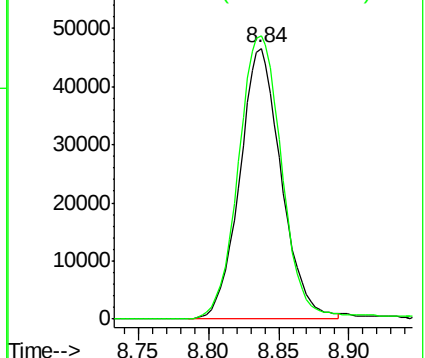
130 100

95 104.6 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 48.184 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055550.D

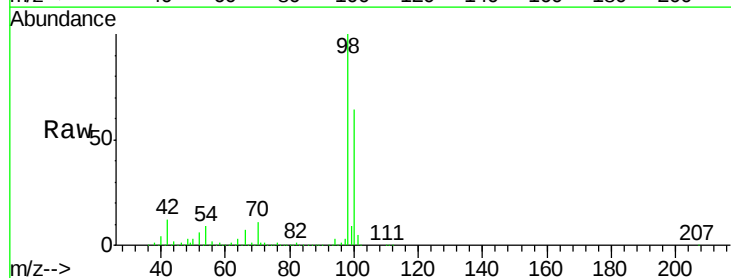
Acq: 10 May 2019 14:27

Tgt Ion: 98 Resp: 1736177

Ion Ratio Lower Upper

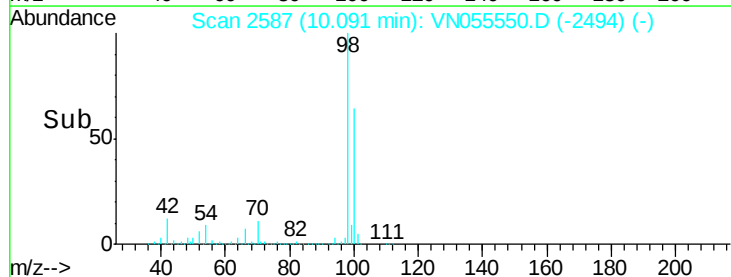
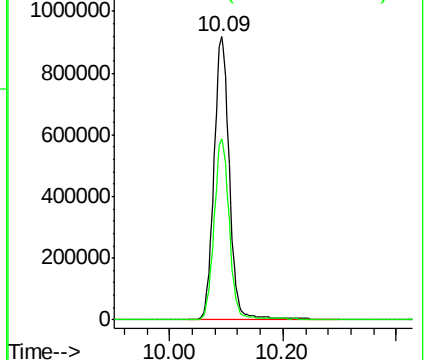
98 100

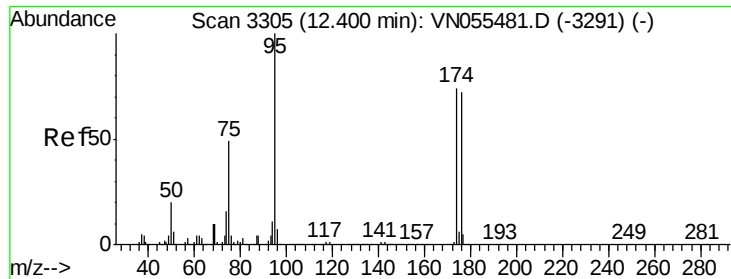
100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 40.957 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

IW-20

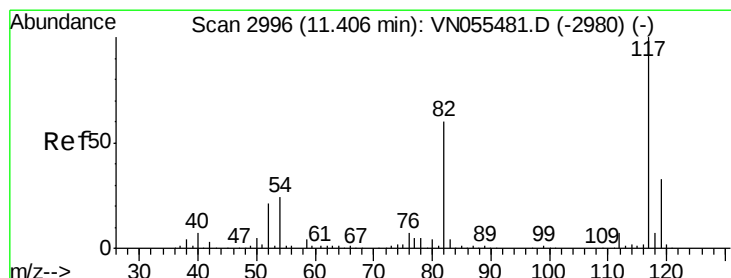
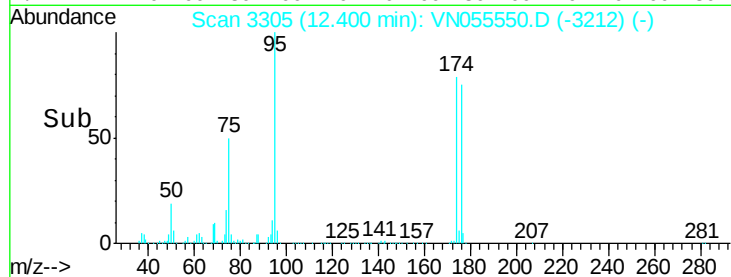
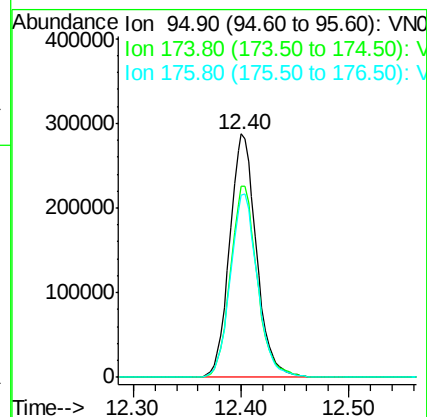
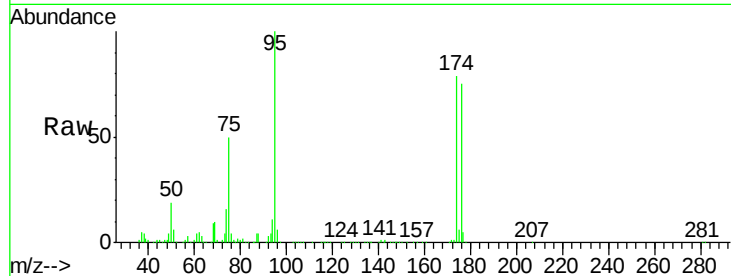
Tot Ion: 95 Resp: 497612

Ion Ratio Lower Upper

95 100

174 78.8 0.0 152.2

176 76.1 0.0 147.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

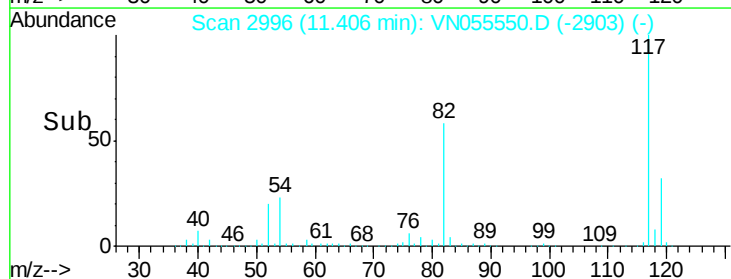
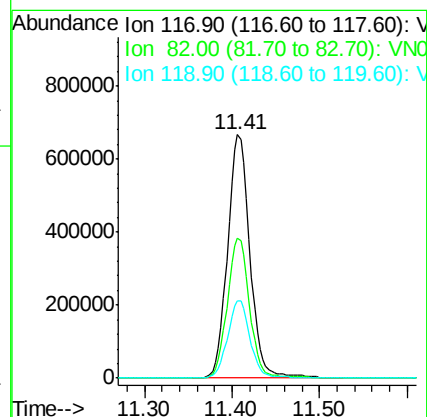
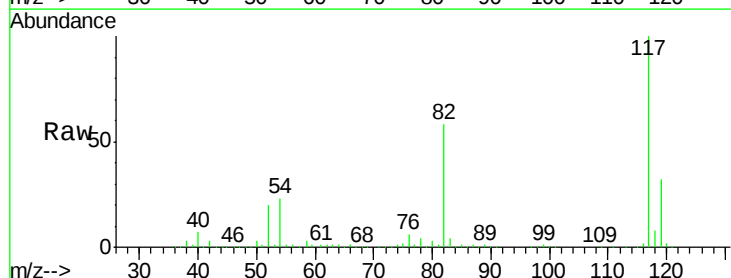
Tgt Ion: 117 Resp: 1181783

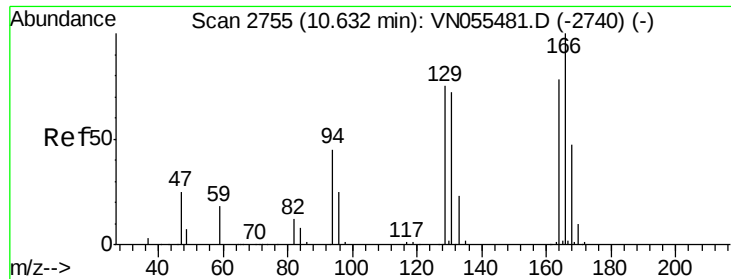
Ion Ratio Lower Upper

117 100

82 57.7 48.0 72.0

119 31.8 26.0 39.0





#64

Tetrachloroethene

Concen: 0.429 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampled :

IW-20

Tot Ion:164 Resp: 4153

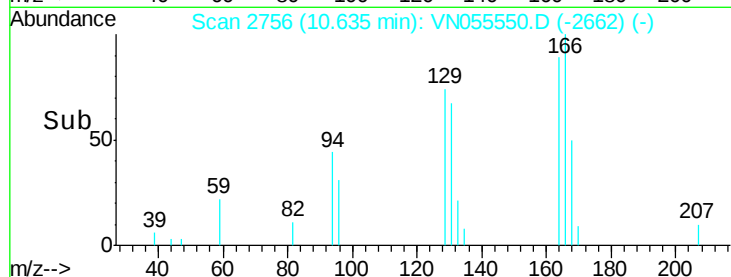
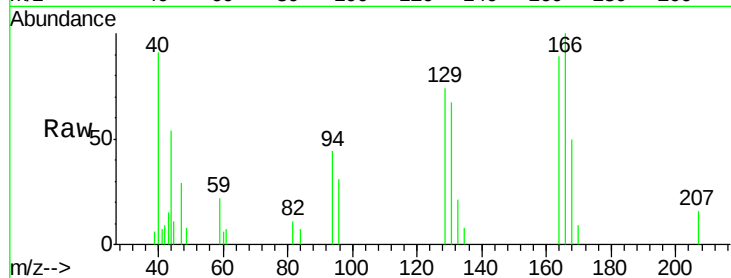
Ion Ratio Lower Upper

164 100

166 112.3 102.6 153.8

129 83.5 77.0 115.6

131 75.3 73.7 110.5

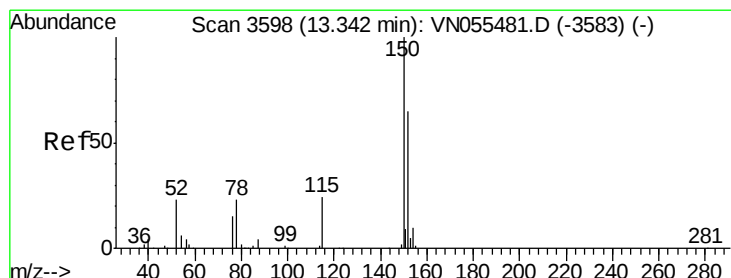
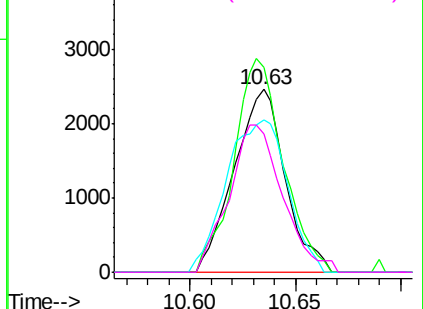


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

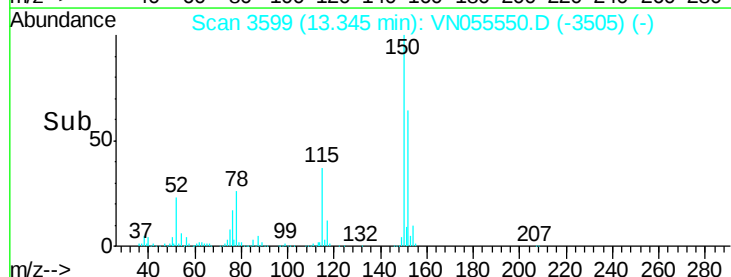
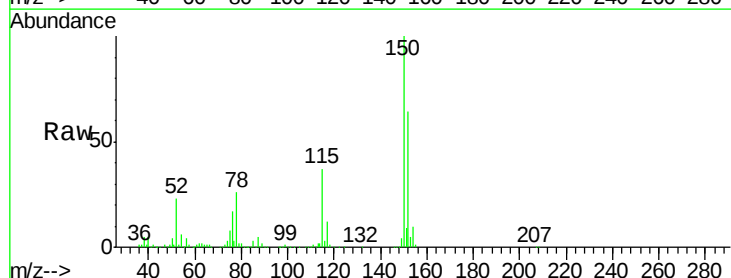
Tgt Ion:152 Resp: 333501

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.5

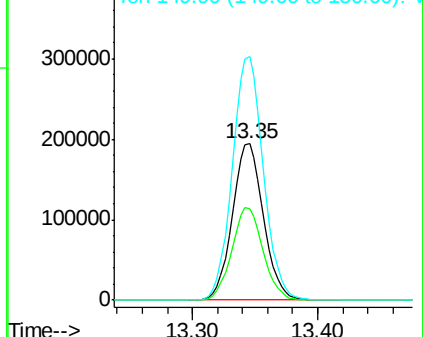
150 155.7 0.0 355.0

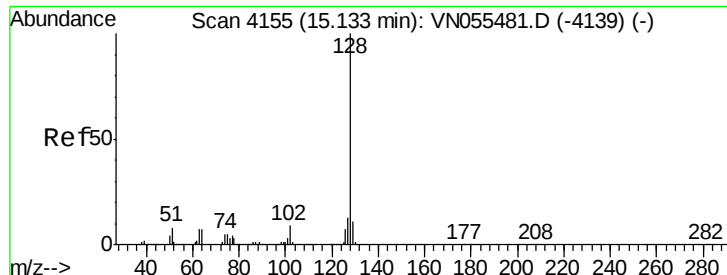


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.198 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN055550.D

Acq: 10 May 2019 14:27

Instrument :

MSVOA_N

ClientSampleId :

IW-20

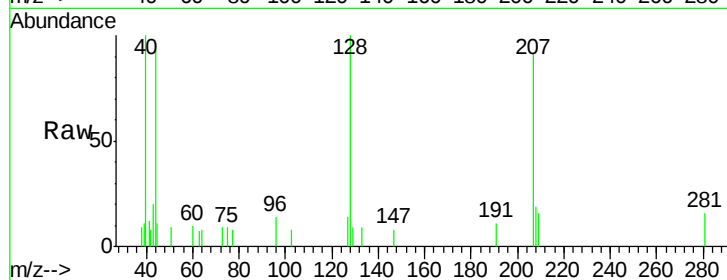
Tot Ion:128 Resp: 3854

Ion Ratio Lower Upper

128 100

127 4.0 10.0 15.0#

129 6.9 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

