

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054951.D
 Acq On : 4 Apr 2019 16:52
 Operator : JC/SP
 Sample : K2245-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3D

Quant Time: Apr 05 03:49:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 02:23:47 2019
 Response via : Initial Calibration

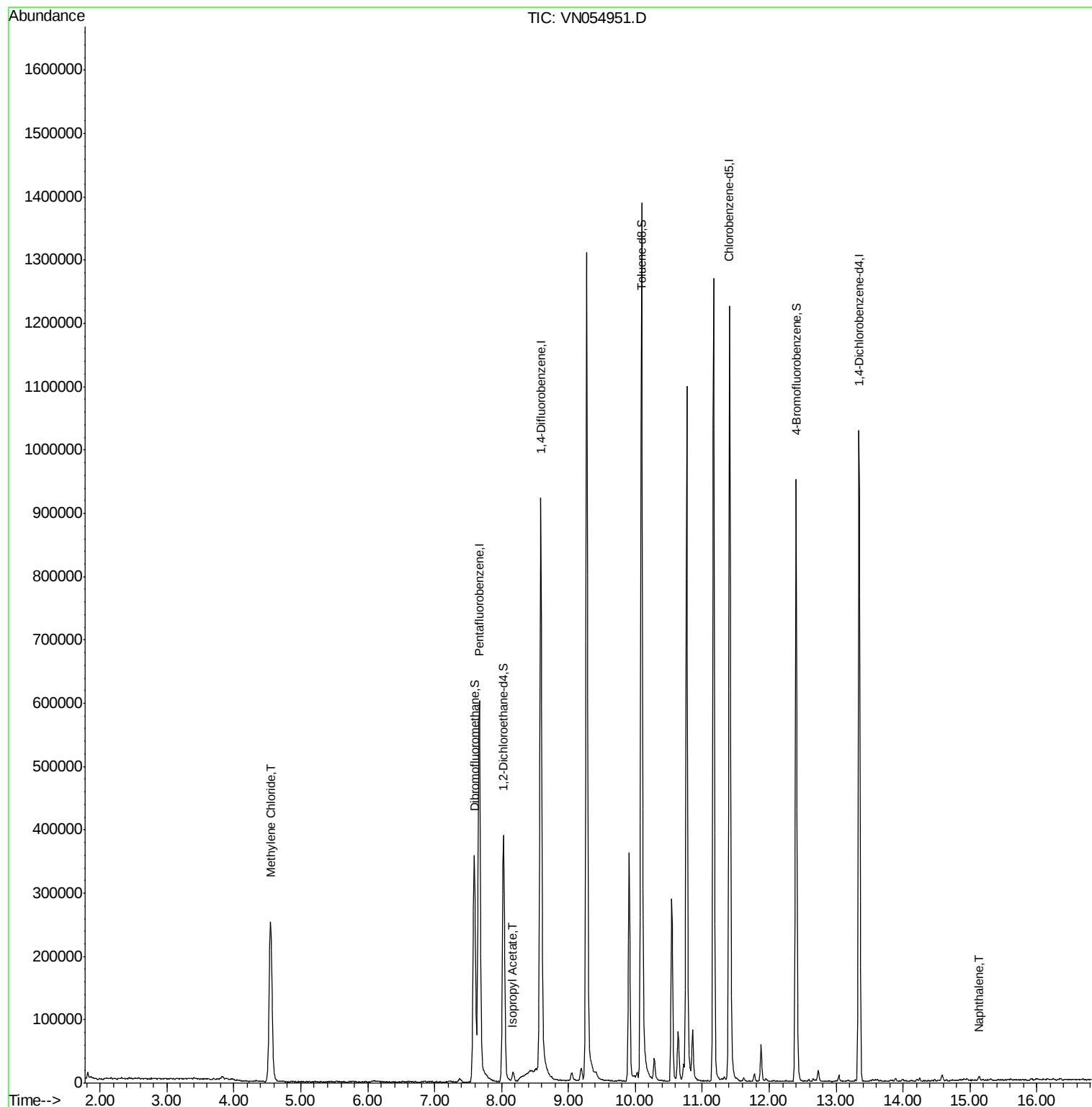
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	510665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	840137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	273735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336830	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	270934	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	10.09	98	1035168	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
62) 4-Bromofluorobenzene	12.40	95	325414	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
20) Methylene Chloride	4.55	84	180526	28.889	ug/l	98
43) Isopropyl Acetate	8.17	43	16019	1.664	ug/l	98
95) Naphthalene	15.13	128	5175	3.339	ug/l #	94

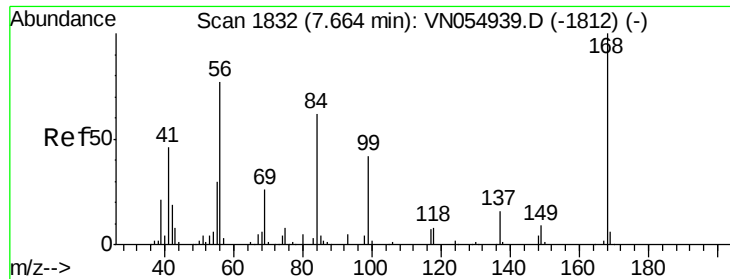
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 05 02:23:47 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: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

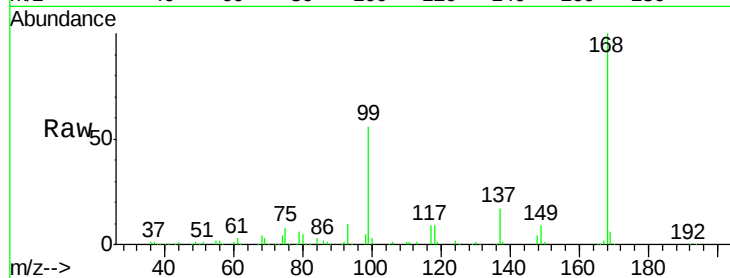
TP-3D

Tgt Ion:168 Resp: 510665

Ion Ratio Lower Upper

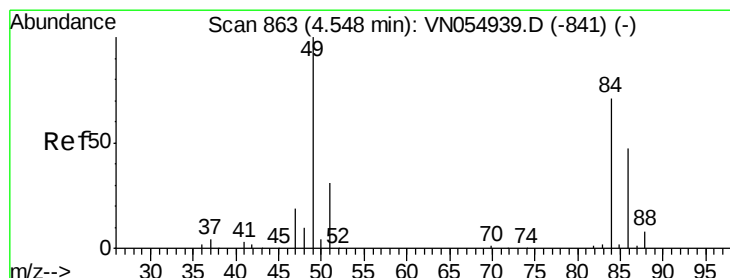
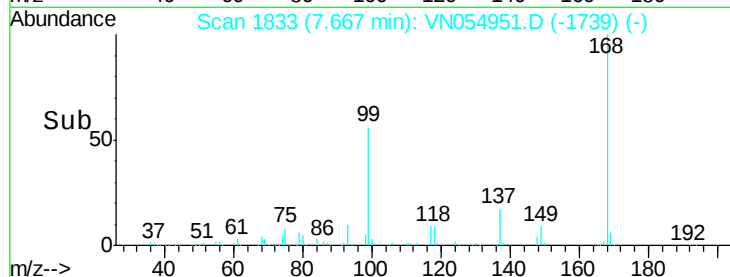
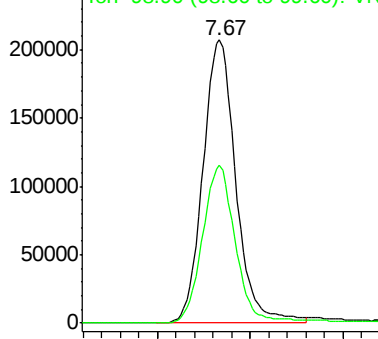
168 100

99 55.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 28.889 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Tgt Ion: 84 Resp: 180526

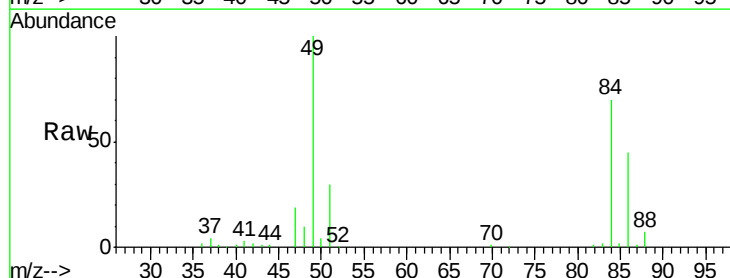
Ion Ratio Lower Upper

84 100

49 142.2 112.1 168.1

51 42.2 34.5 51.7

86 64.4 52.2 78.4

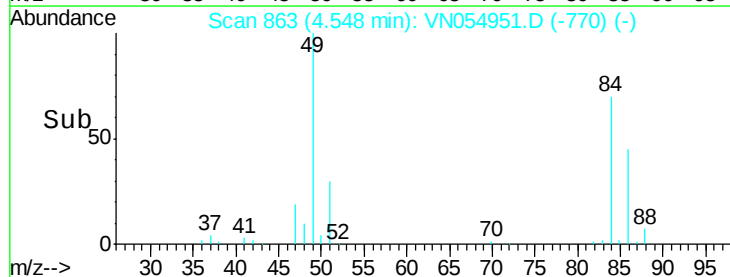
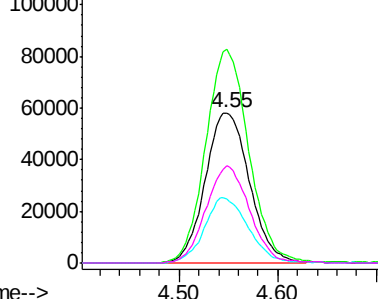


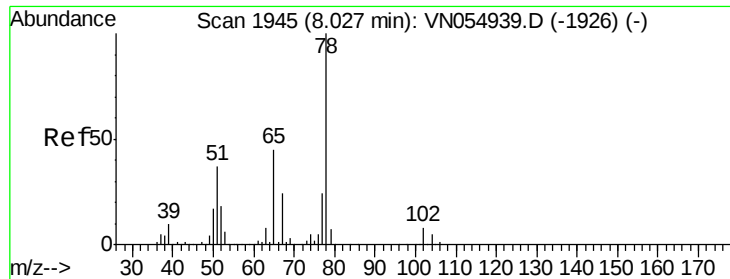
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: 50.027 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

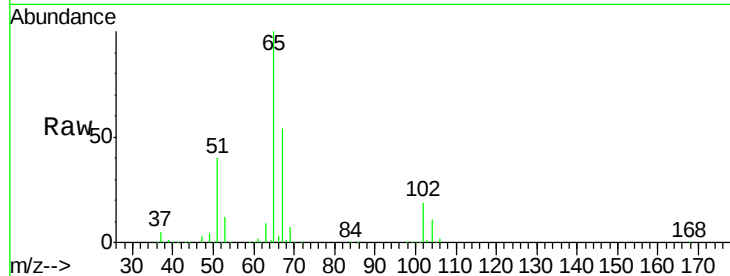
TP-3D

Tgt Ion: 65 Resp: 336830

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN054951.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054951.D (-1852) (-)

8.03

150000

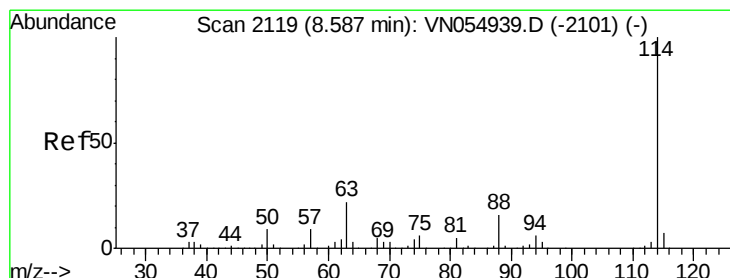
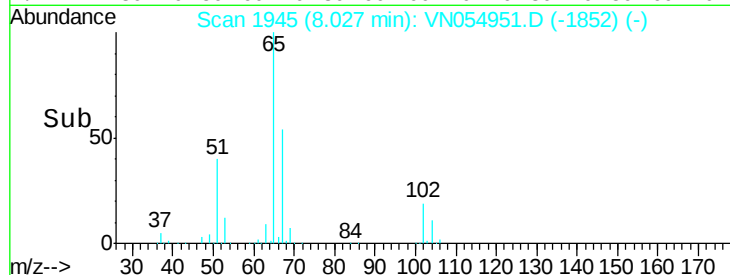
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

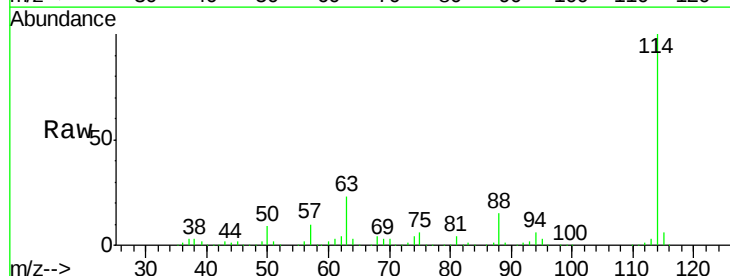
Tgt Ion: 114 Resp: 840137

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 15.5 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VN054951.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054951.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054951.D (-2026) (-)

8.59

500000

400000

300000

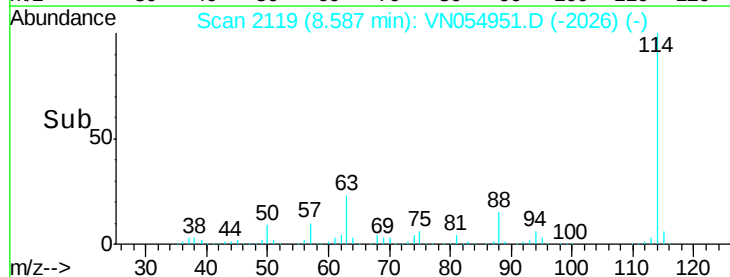
200000

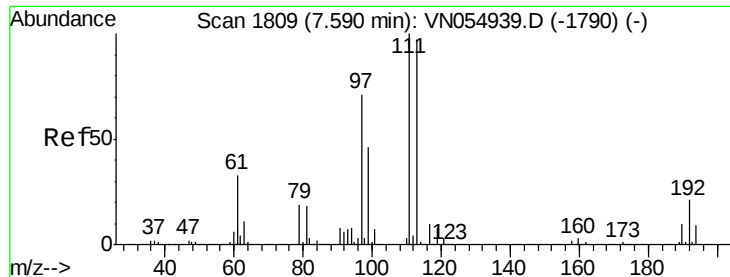
100000

0

8.50 8.60 8.70

Time-->

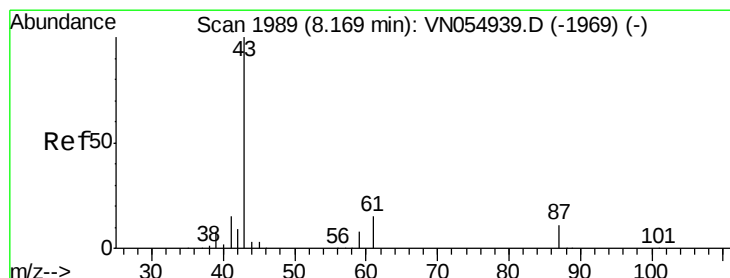
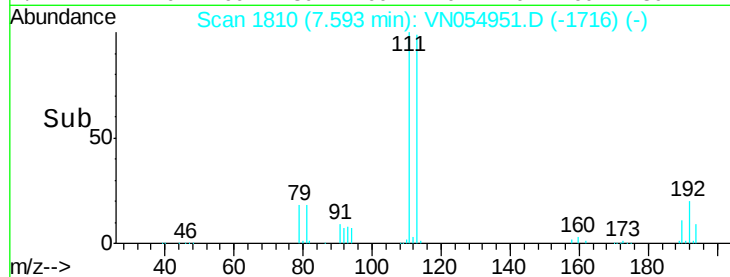
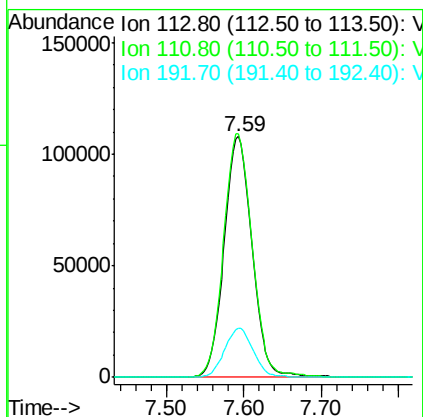
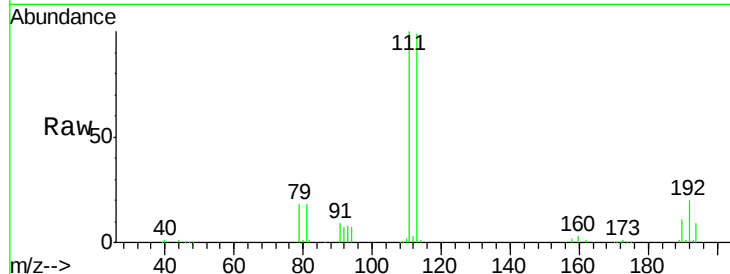




#35
 Dibromofluoromethane
 Concen: 49.541 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

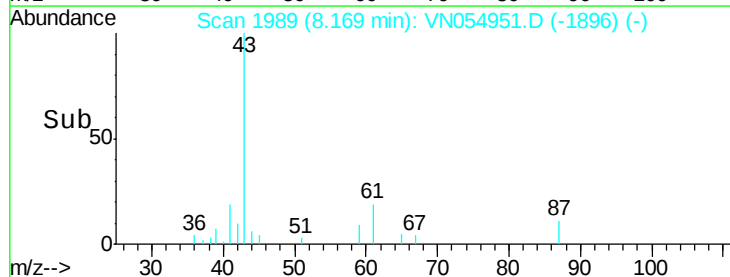
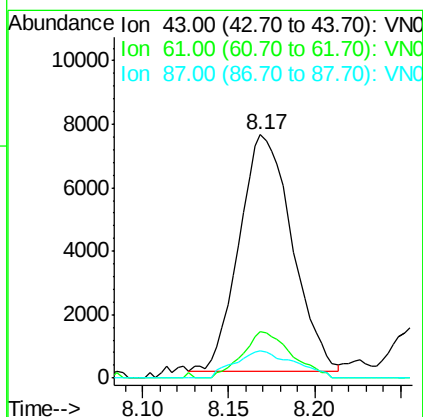
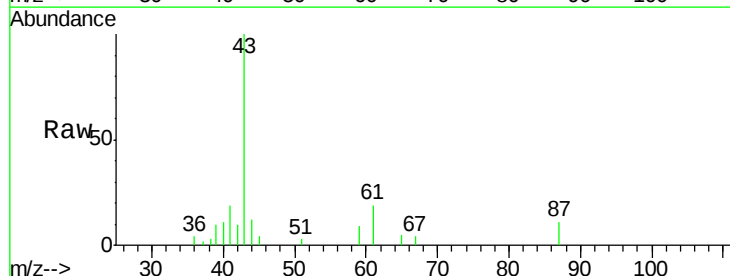
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3D

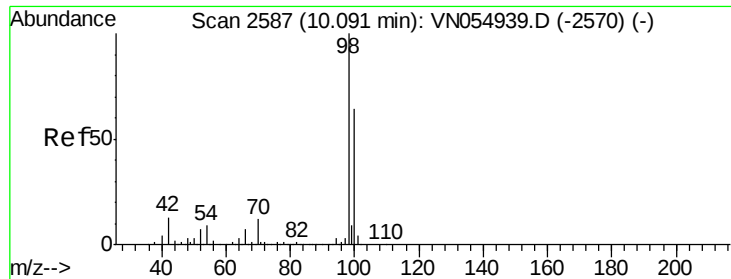
Tgt Ion: 113 Resp: 270934
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.4
 192 20.8 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.664 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VN054951.D
 Acq: 4 Apr 2019 16:52

Tgt Ion: 43 Resp: 16019
 Ion Ratio Lower Upper
 43 100
 61 17.9 14.4 21.6
 87 12.8 9.0 13.4





#50

Toluene-d8

Concen: 49.885 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

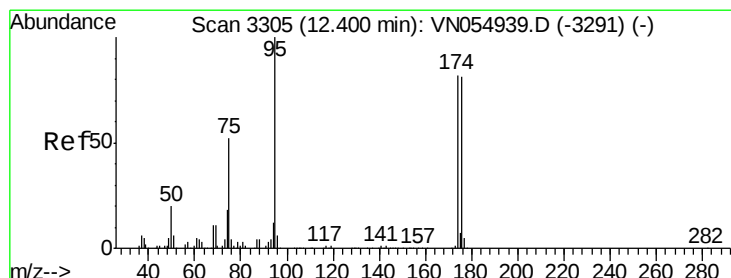
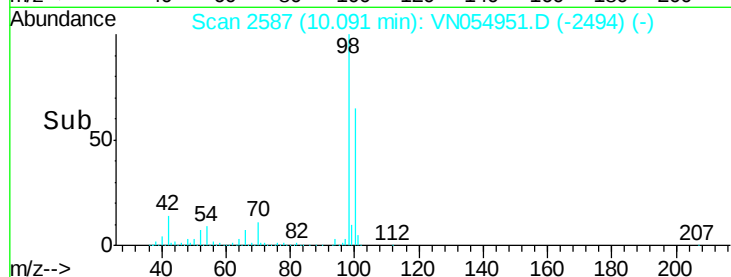
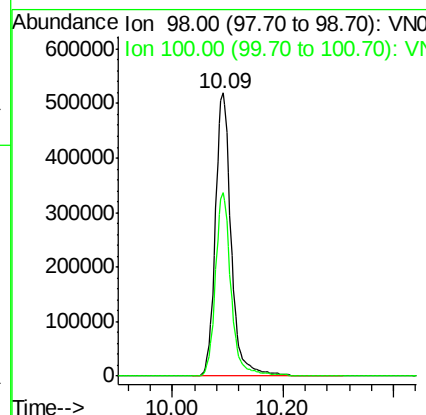
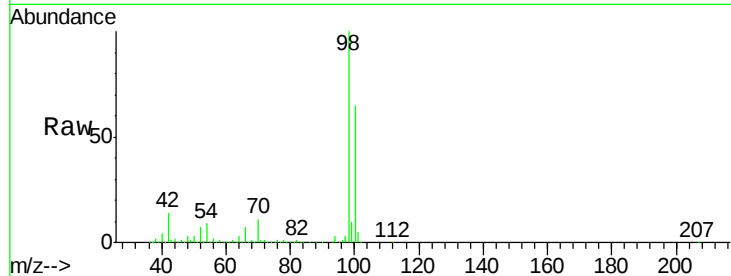
TP-3D

Tgt Ion: 98 Resp: 1035168

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.990 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

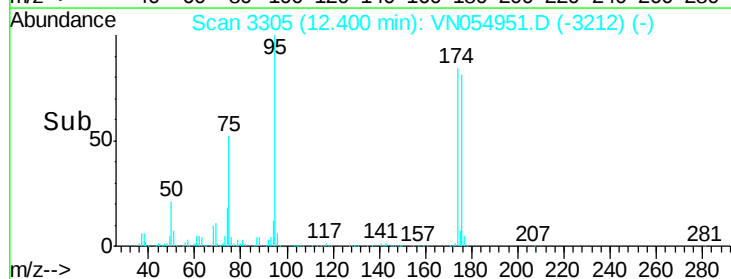
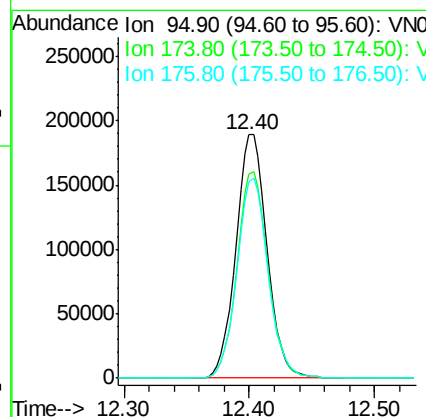
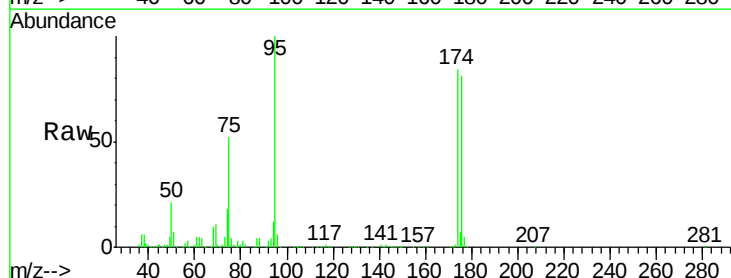
Tgt Ion: 95 Resp: 325414

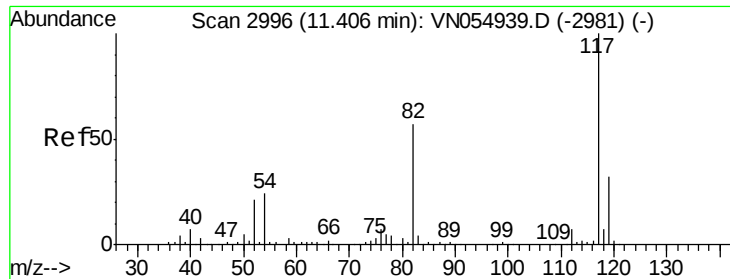
Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.2

176 82.3 0.0 163.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampled :

TP-3D

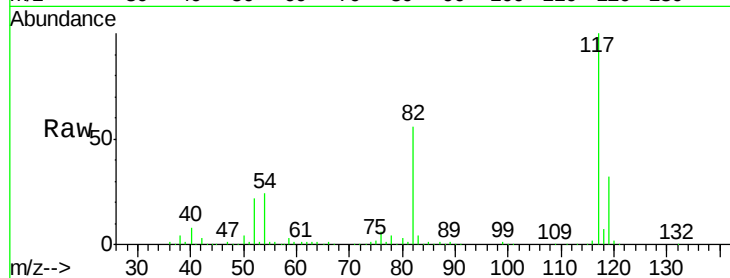
Tgt Ion:117 Resp: 747496

Ion Ratio Lower Upper

117 100

82 55.8 45.3 67.9

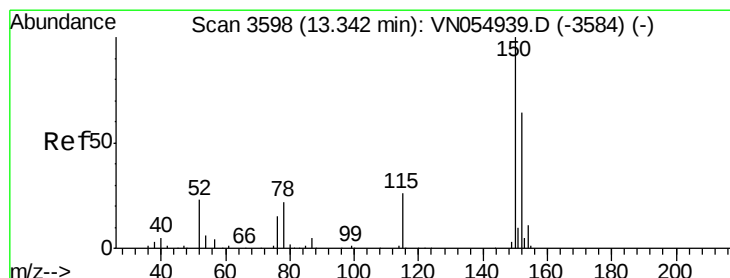
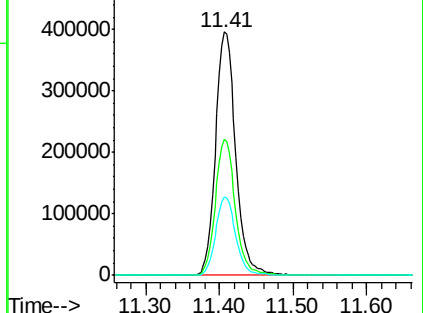
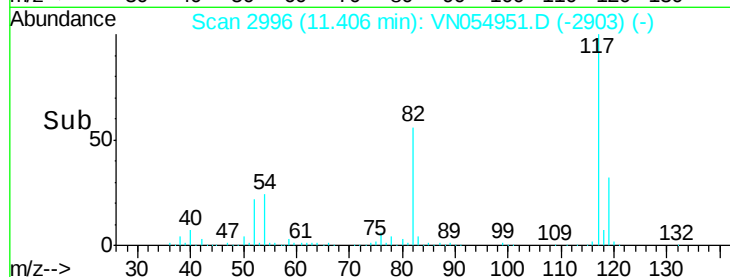
119 32.2 25.8 38.6



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: VN054951.D

Acq: 4 Apr 2019 16:52

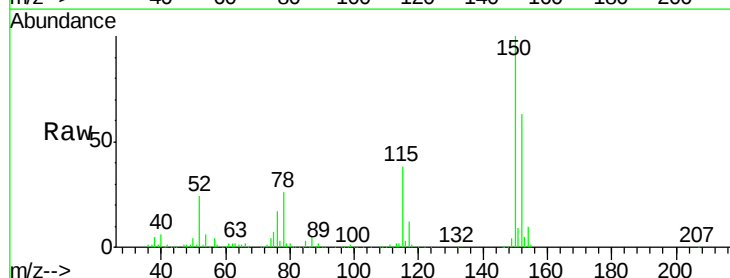
Tgt Ion:152 Resp: 273735

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.8

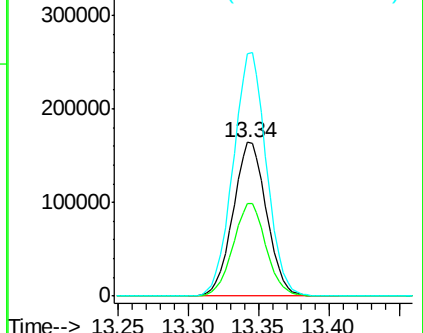
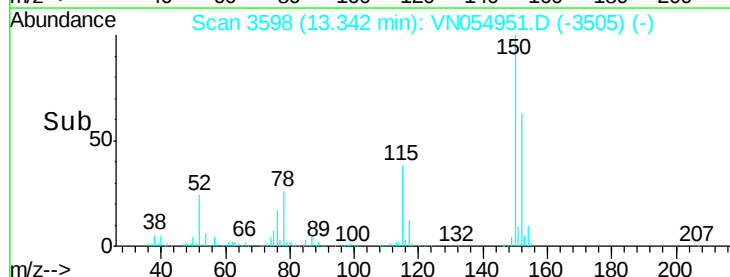
150 157.3 0.0 345.4

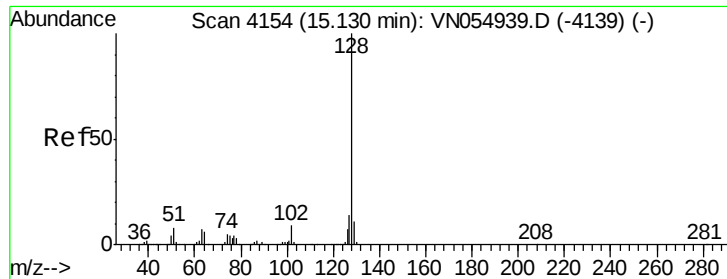


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.339 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN054951.D

Acq: 4 Apr 2019 16:52

Instrument :

MSVOA_N

ClientSampleId :

TP-3D

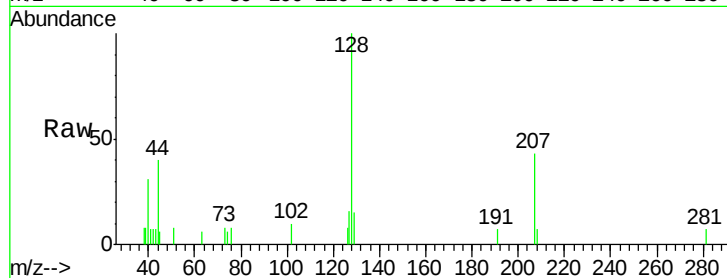
Tgt Ion:128 Resp: 5175

Ion Ratio Lower Upper

128 100

127 11.2 10.6 16.0

129 7.8 8.6 13.0#



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

