

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054103.D
 Acq On : 5 Mar 2019 17:01
 Operator : JC/SP
 Sample : K1727-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Mar 06 03:22:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

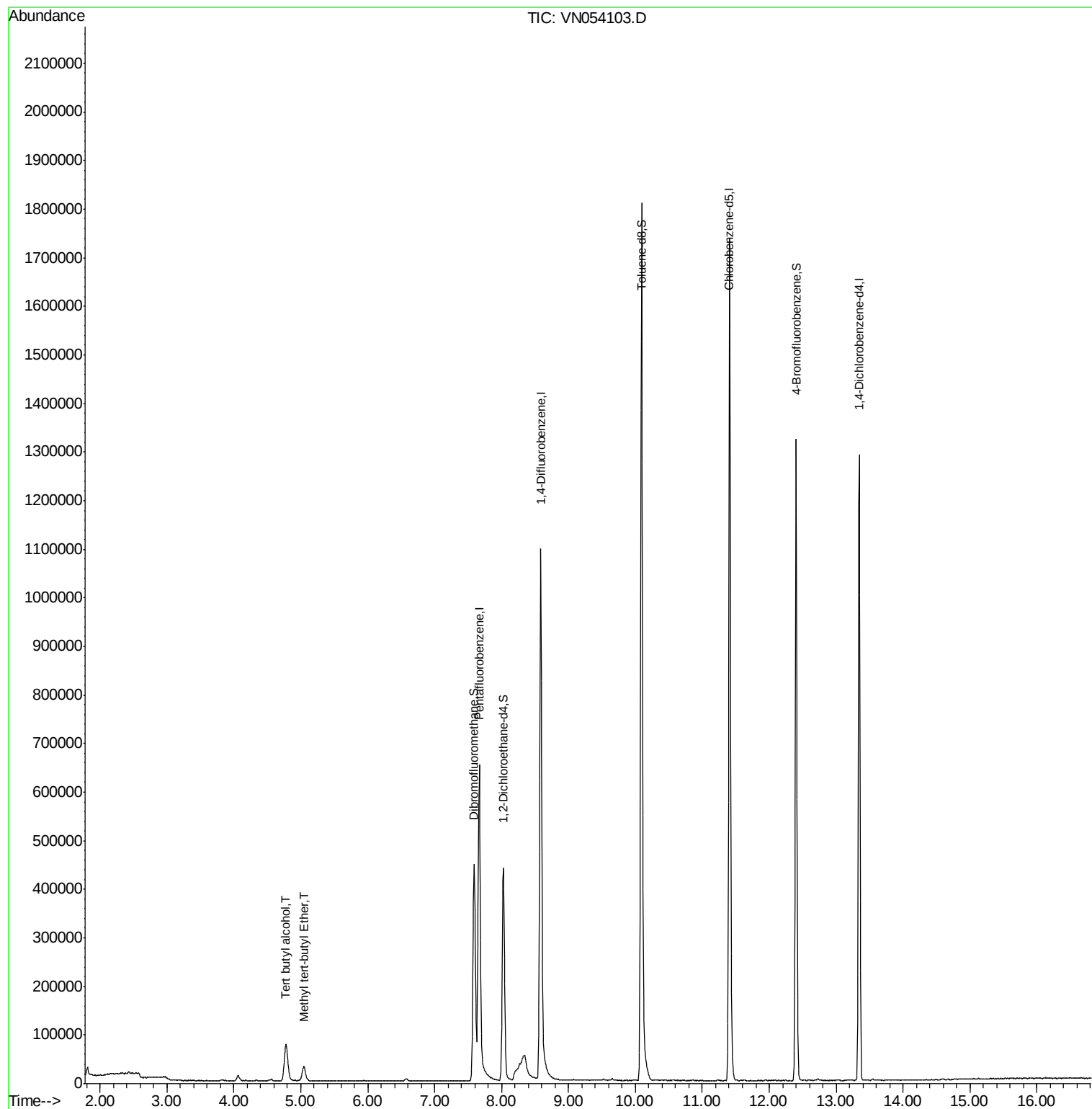
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	591970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1074587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	366981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382559	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
35) Dibromofluoromethane	7.59	113	357106	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.09	98	1399179	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.40	95	459678	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
Target Compounds						
11) Tert butyl alcohol	4.78	59	140051	318.367	ug/l	Qvalue 100
19) Methyl tert-butyl Ether	5.05	73	48587	3.099	ug/l	100

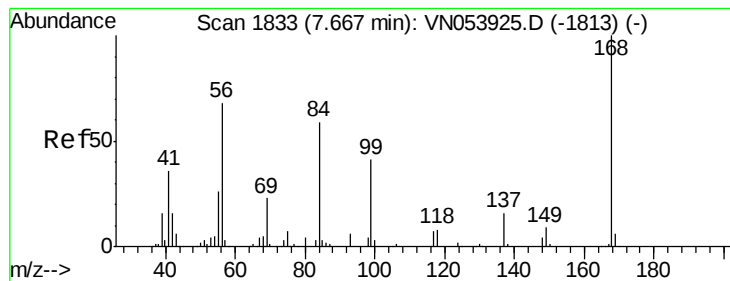
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 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: VN054103.D

Acq: 5 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

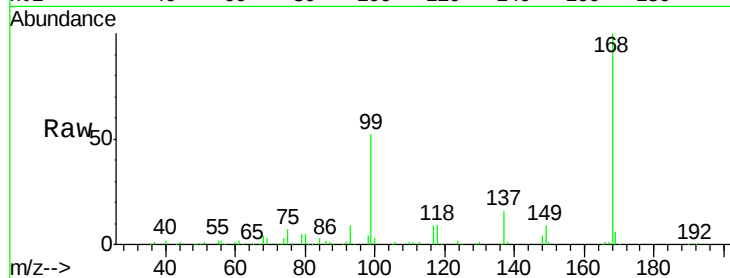
MW-6

Tot Ion:168 Resp: 591970

Ion Ratio Lower Upper

168 100

99 52.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

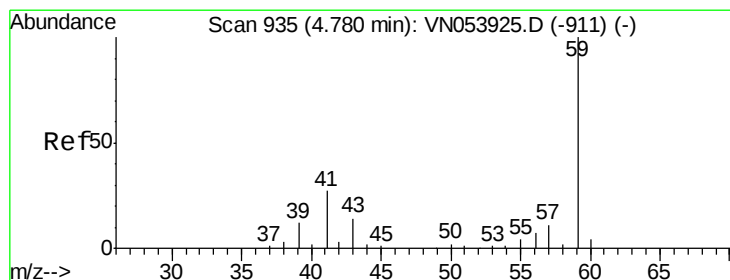
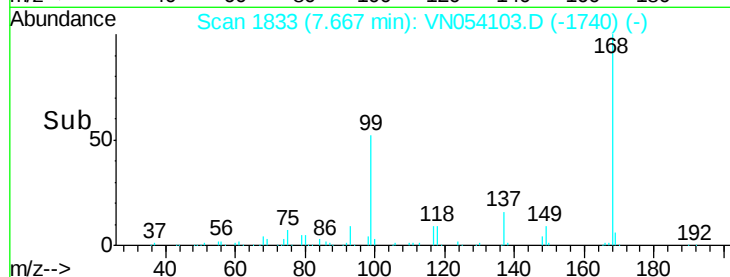
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 318.367 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN054103.D

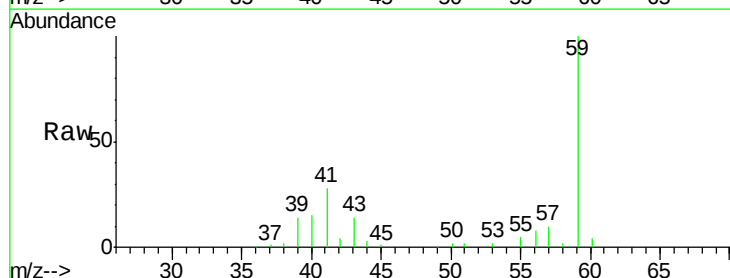
Acq: 5 Mar 2019 17:01

Tgt Ion: 59 Resp: 140051

Ion Ratio Lower Upper

59 100

57 10.3 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.78

40000

30000

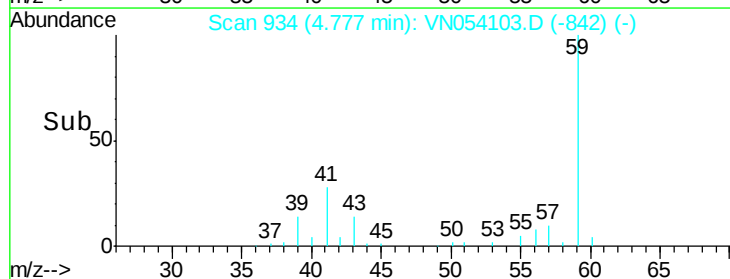
20000

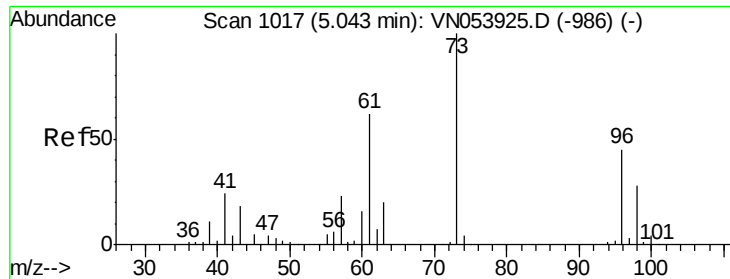
10000

0

4.70 4.80 4.90

Time-->

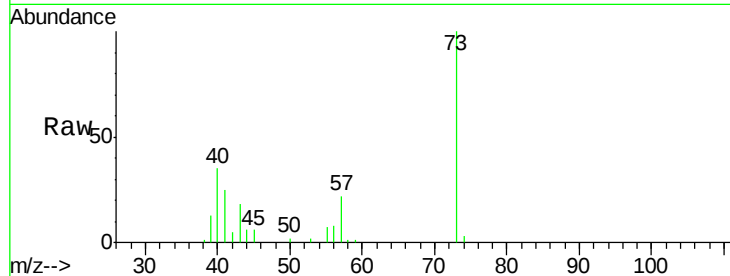




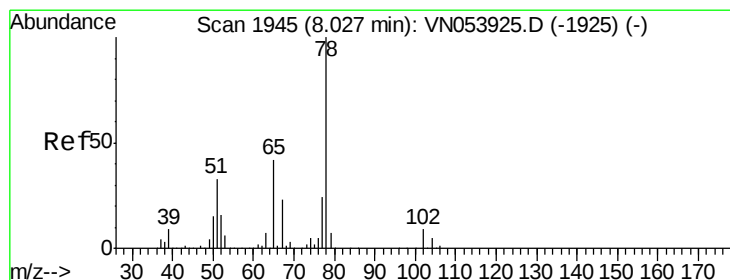
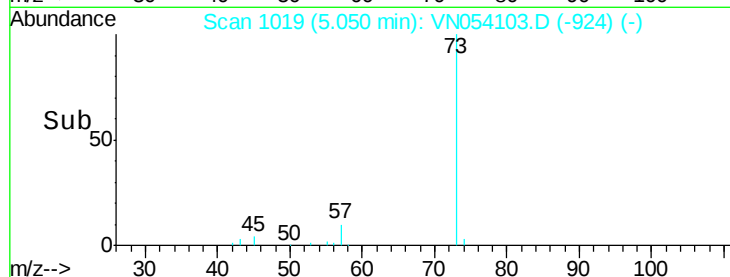
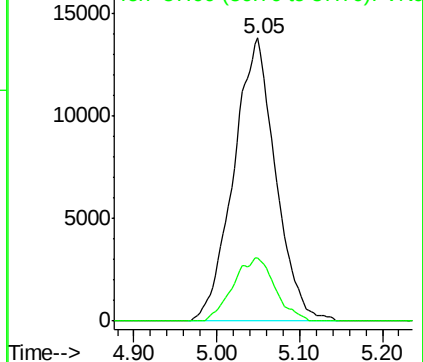
#19
Methvl tert-butvl Ether
Concen: 3.099 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VN054103.D
Acq: 5 Mar 2019 17:01

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tot Ion: 73 Resp: 48587
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0

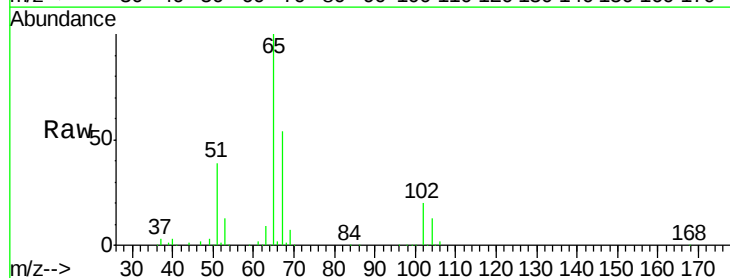


Abundance Ion 73.00 (72.70 to 73.70): VN053925.D (-986) (-)
Ion 57.00 (56.70 to 57.70): VN053925.D (-986) (-)

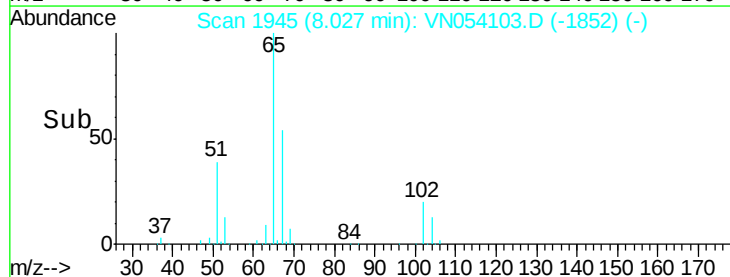
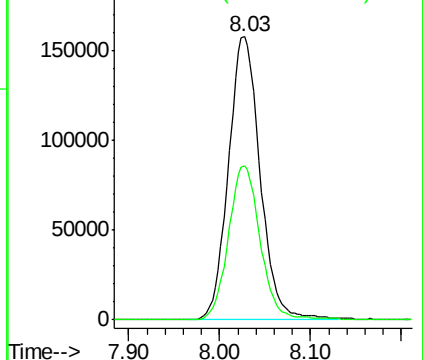


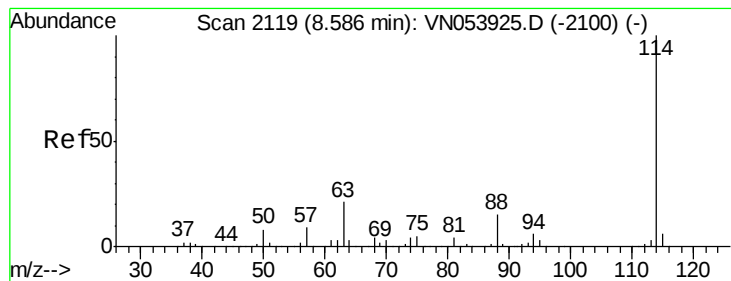
#33
1,2-Dichloroethane-d4
Concen: 55.130 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054103.D
Acq: 5 Mar 2019 17:01

Tgt Ion: 65 Resp: 382559
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)
Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampleId :

MW-6

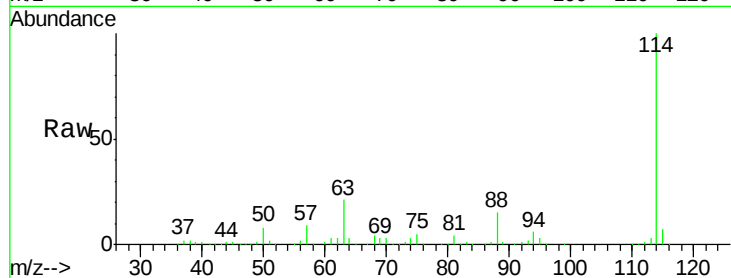
Tot Ion:114 Resp: 1106065

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

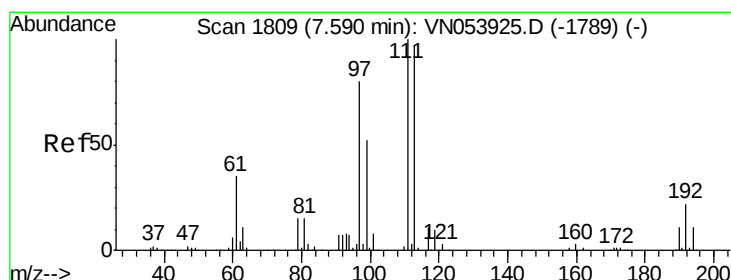
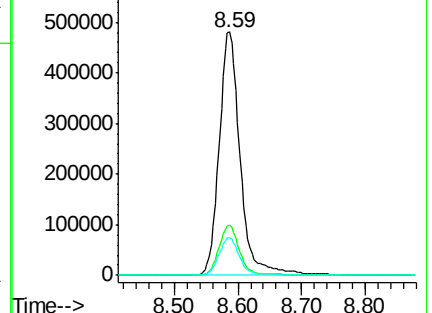
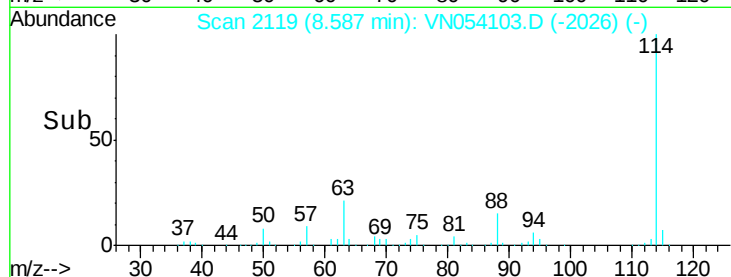
88 15.5 0.0 30.4



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: 49.928 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

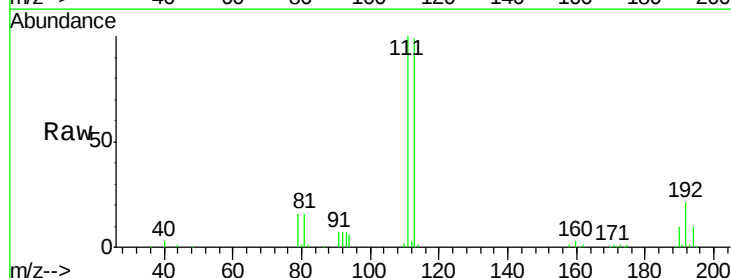
Tgt Ion:113 Resp: 357106

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

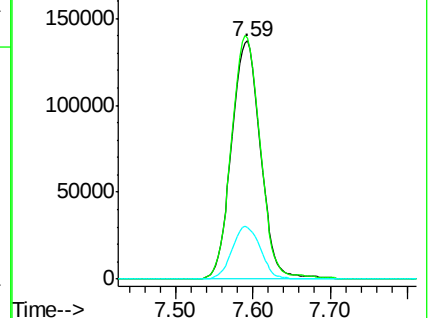
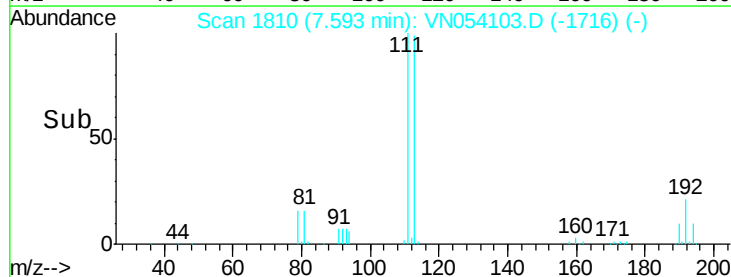
192 21.6 18.8 28.2

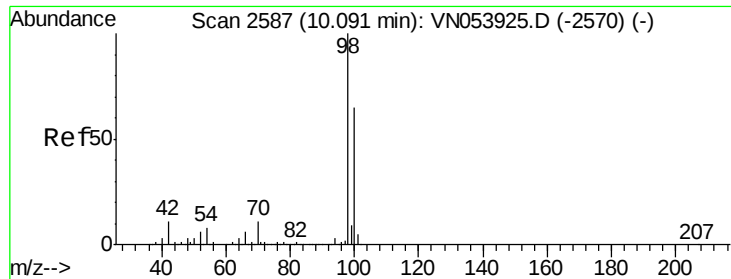


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.550 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

Instrument :

MSVOA_N

ClientSampled :

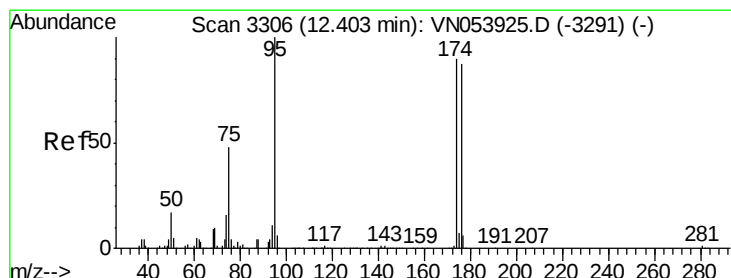
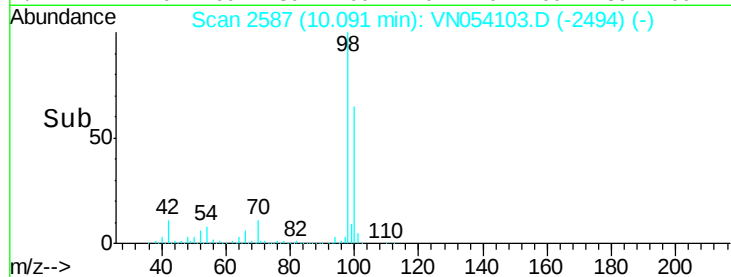
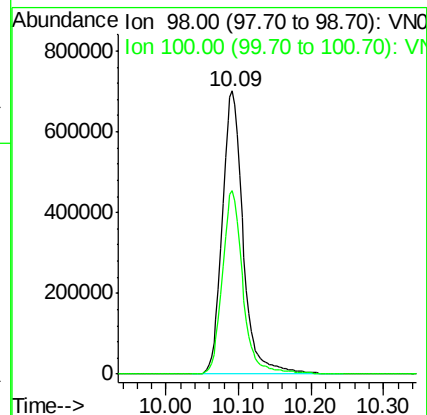
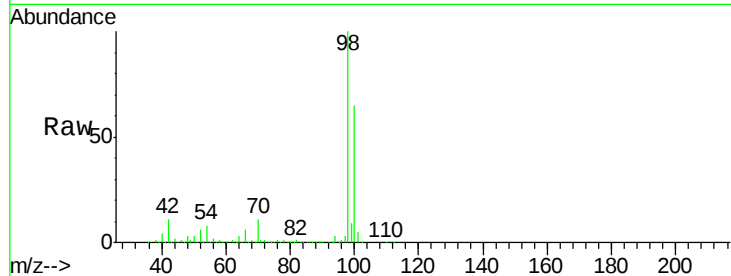
MW-6

Tot Ion: 98 Resp: 1399179

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.819 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

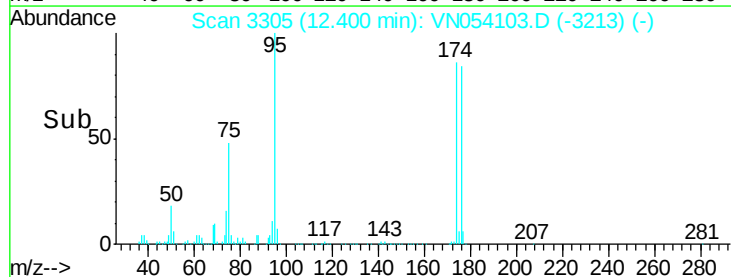
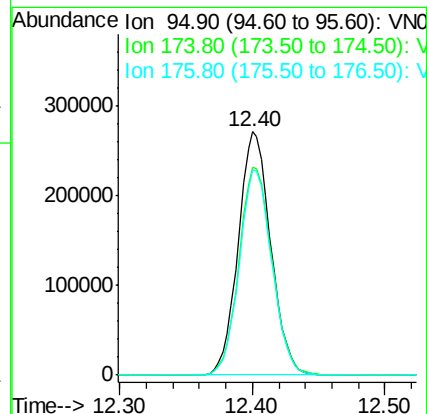
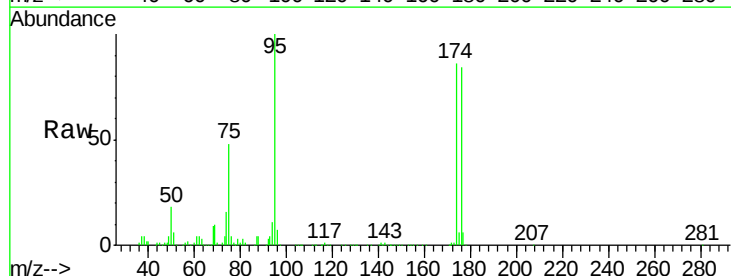
Tgt Ion: 95 Resp: 459678

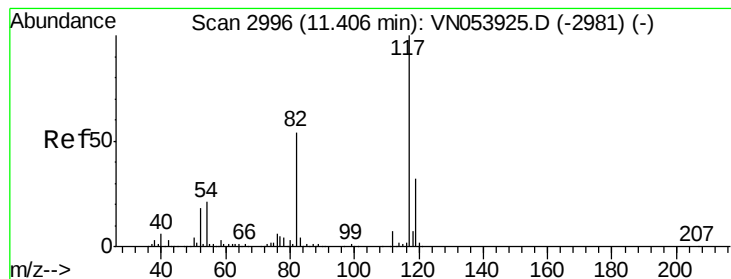
Ion Ratio Lower Upper

95 100

174 87.5 0.0 188.8

176 84.8 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

Instrument :

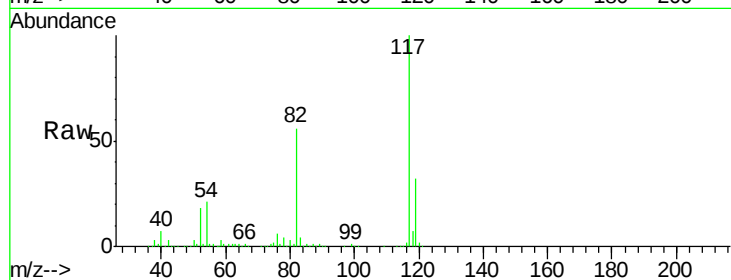
MSVOA_N

ClientSampleId :

MW-6

Tot Ion:117 Resp: 1074587

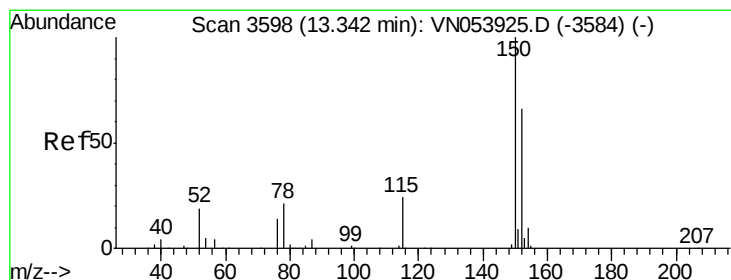
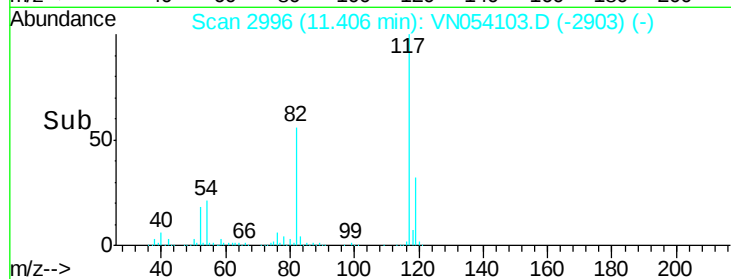
Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.4	62.2
119	32.3	25.3	37.9



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: 13.35 min Scan# 3599

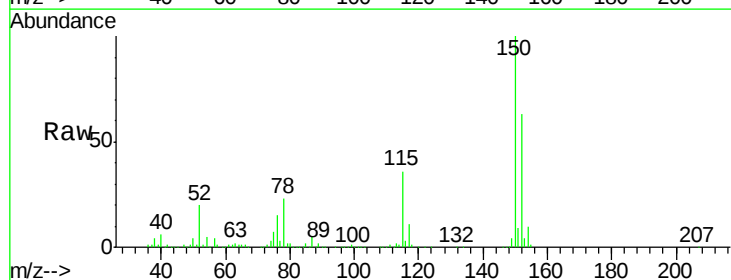
Delta R.T. 0.00 min

Lab File: VN054103.D

Acq: 5 Mar 2019 17:01

Tgt Ion:152 Resp: 366981

Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	156.9	0.0	348.2



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

