

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056762.D
 Acq On : 16 Jul 2019 12:40
 Operator : JC/SP
 Sample : K3827-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 UTILITY-ROOM-BATHROOM

Quant Time: Jul 17 08:21:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

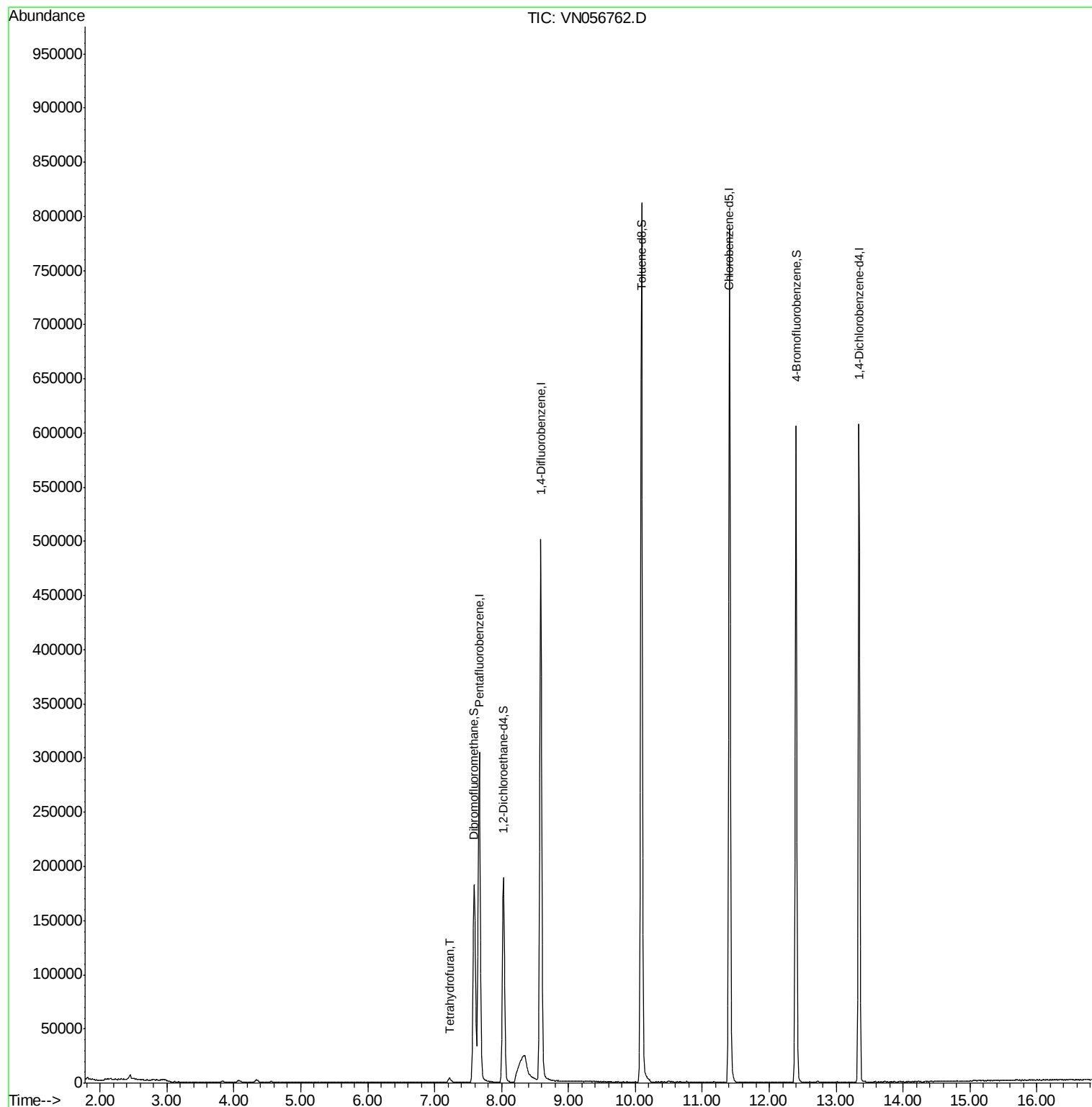
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	271400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	481908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158053	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
35) Dibromofluoromethane	7.59	113	142705	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	10.09	98	607801	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.40	95	212665	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
Target Compounds						
29) Tetrahydrofuran	7.22	42	3609	2.736	ug/l	Qvalue 93

(#) = 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

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MSVOA_N

ClientSampleId :

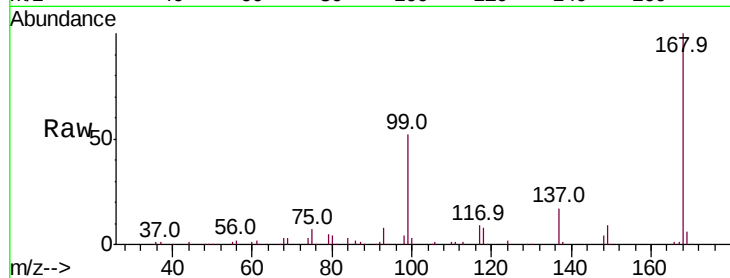
UTILITY-ROOM-BATHROOM

Tot Ion:168 Resp: 271400

Ion Ratio Lower Upper

168 100

99 51.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

120000

100000

80000

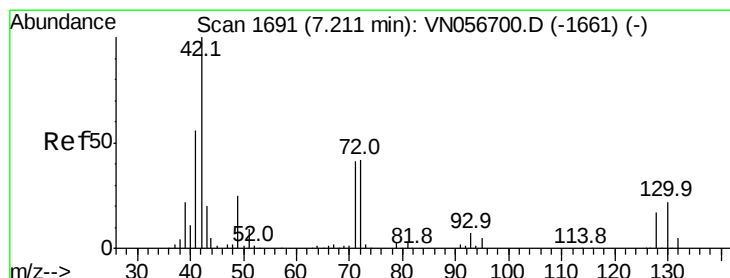
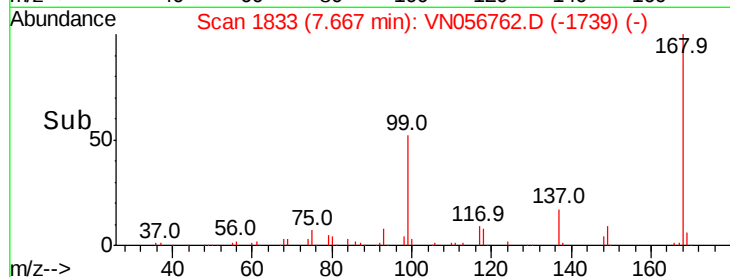
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 2.736 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

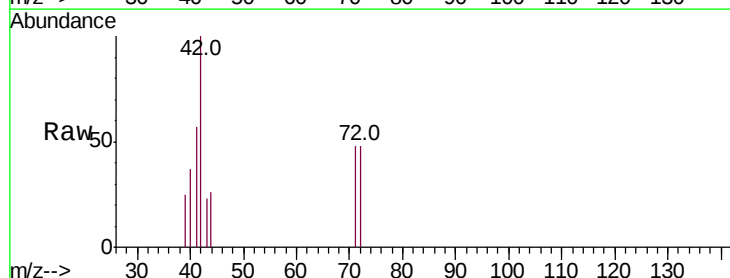
Tgt Ion: 42 Resp: 3609

Ion Ratio Lower Upper

42 100

72 45.7 33.5 50.3

71 45.3 31.8 47.8



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO

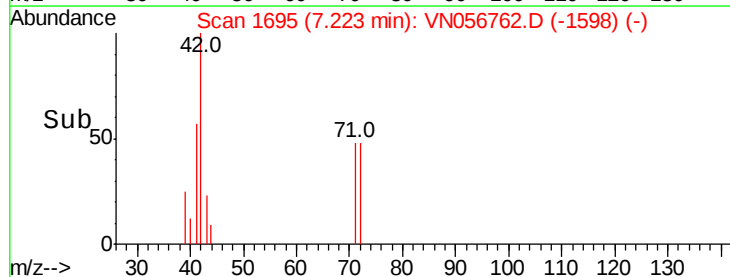
1500

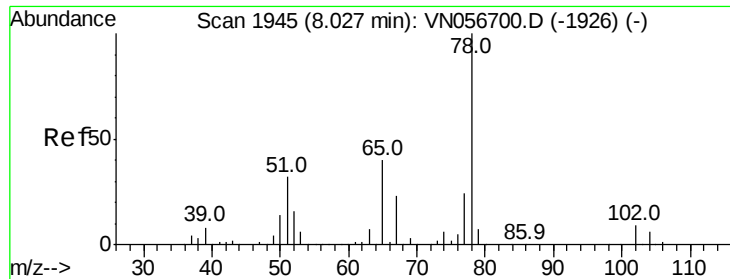
1000

500

0

Time-->

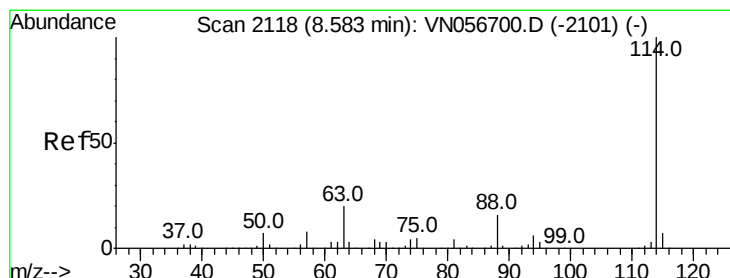
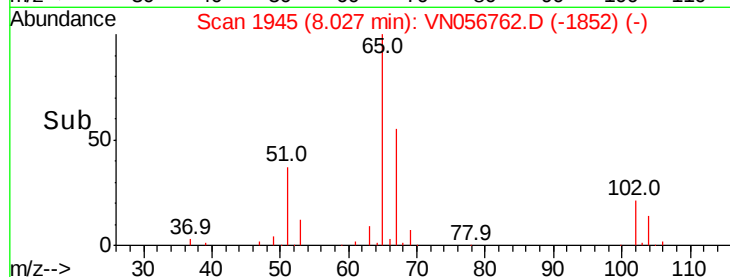
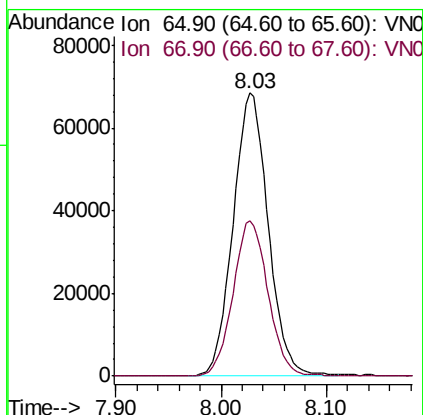
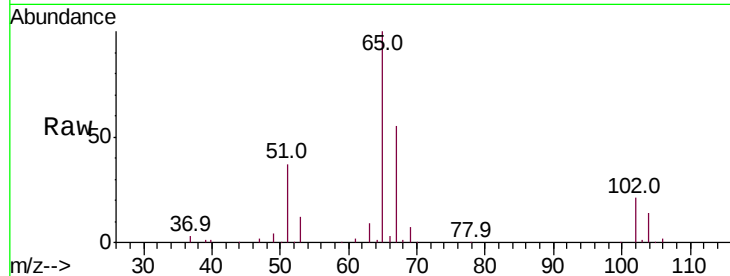




#33
 1,2-Dichloroethane-d4
 Concen: 52.648 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056762.D
 Acq: 16 Jul 2019 12:40

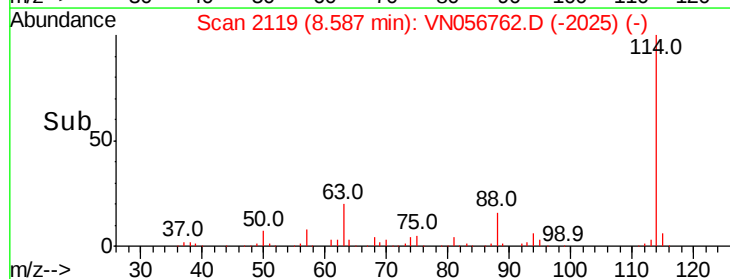
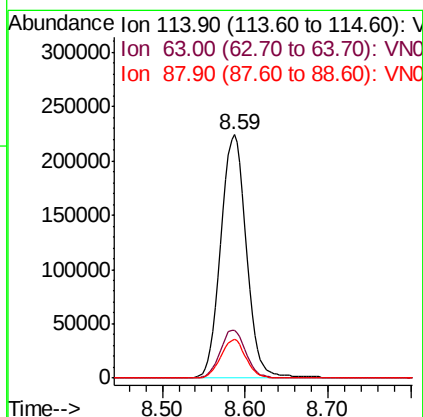
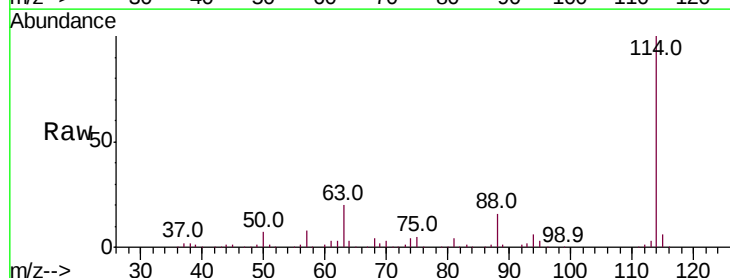
Instrument :
 MSVOA_N
 ClientSampleId :
 UTILITY-ROOM-BATHROOM

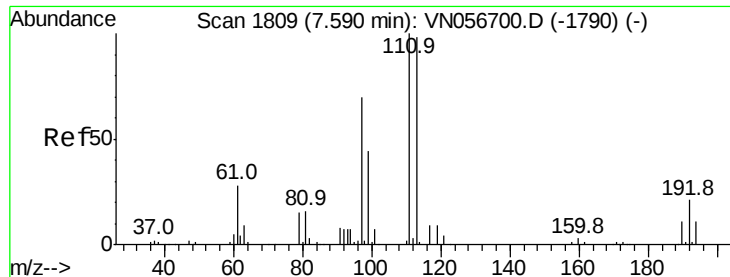
Tot Ion: 65 Resp: 158053
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056762.D
 Acq: 16 Jul 2019 12:40

Tgt Ion: 114 Resp: 481908
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.8 0.0 31.2

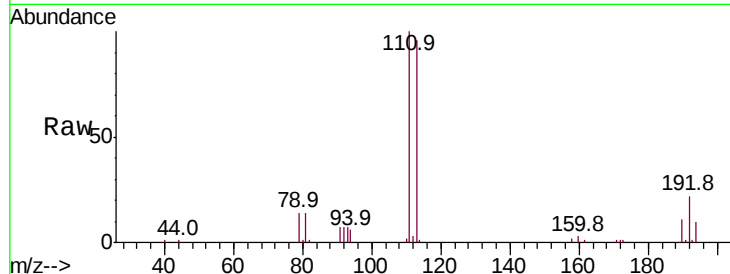




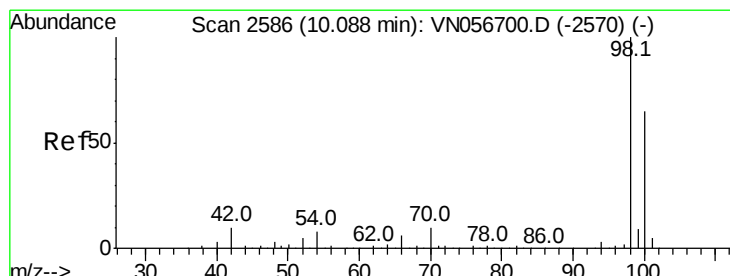
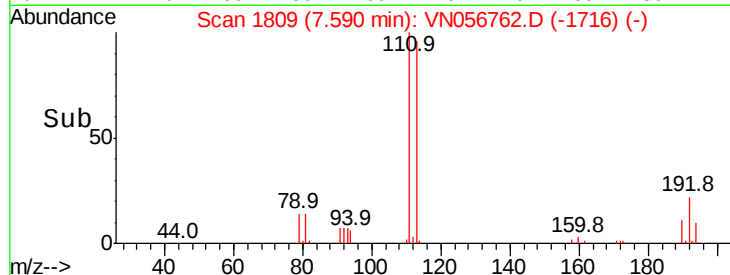
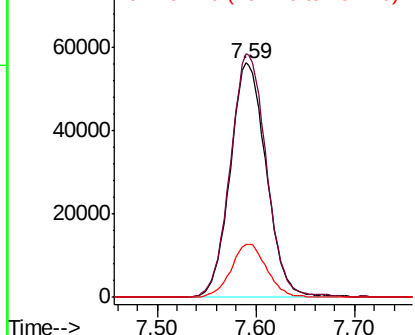
#35
 Dibromofluoromethane
 Concen: 47.584 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056762.D
 Acq: 16 Jul 2019 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 UTILITY-ROOM-BATHROOM

Tot Ion:113 Resp: 142705
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.8 122.6
 192 22.3 17.5 26.3

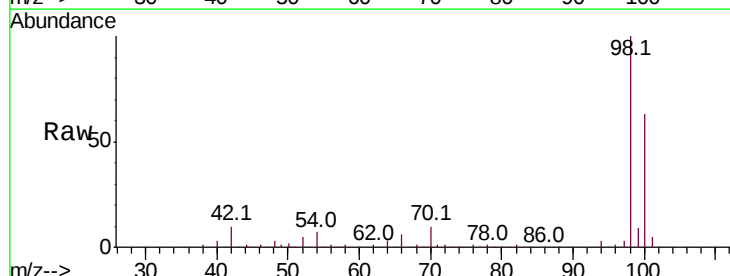


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

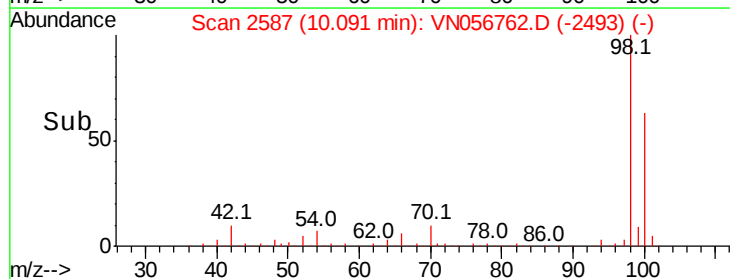
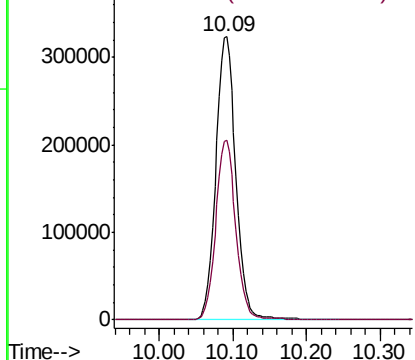


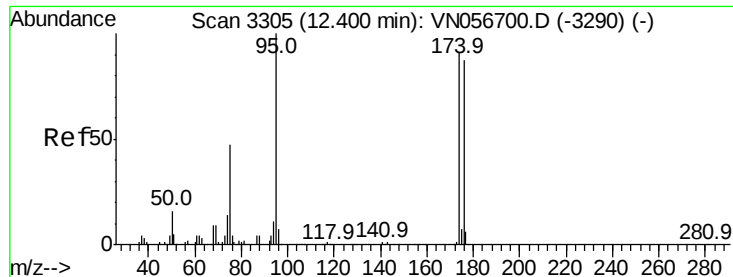
#50
 Toluene-d8
 Concen: 52.474 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056762.D
 Acq: 16 Jul 2019 12:40

Tgt Ion: 98 Resp: 607801
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 54.444 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

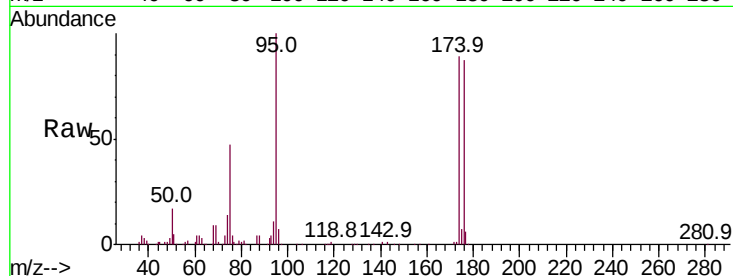
Tot Ion: 95 Resp: 212665

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.0

176 88.4 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056762.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056762.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056762.D (-2903) (-)

12.40

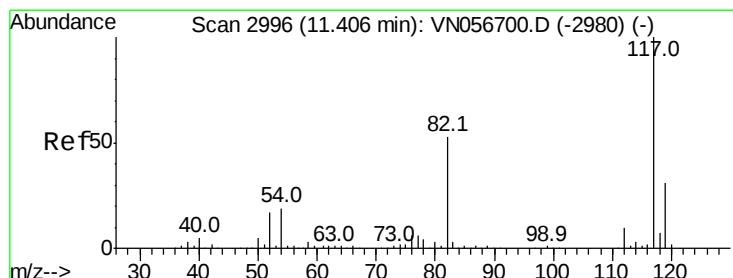
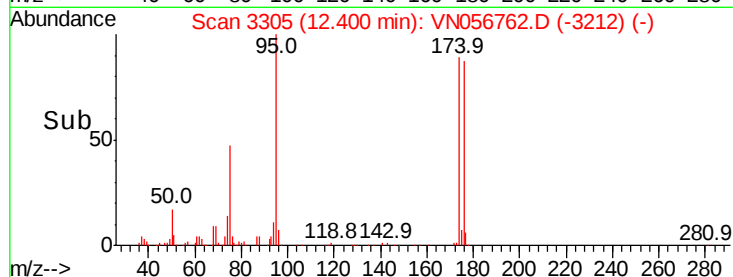
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

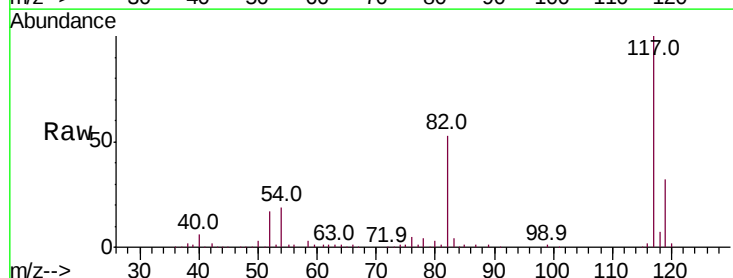
Tgt Ion: 117 Resp: 501243

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.2

119 32.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN056762.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056762.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056762.D (-2903) (-)

11.41

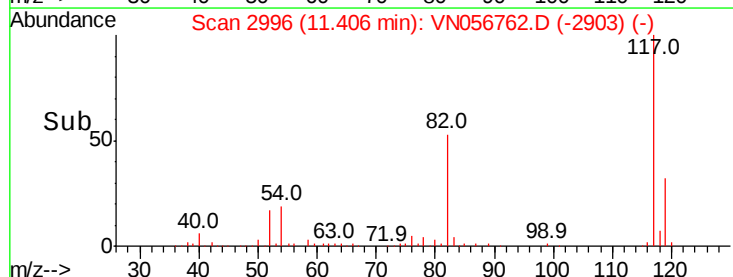
300000

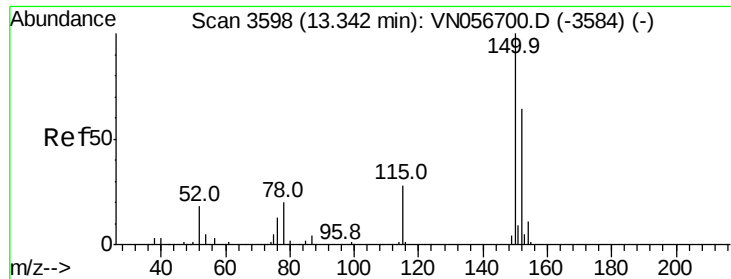
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056762.D

Acq: 16 Jul 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

UTILITY-ROOM-BATHROOM

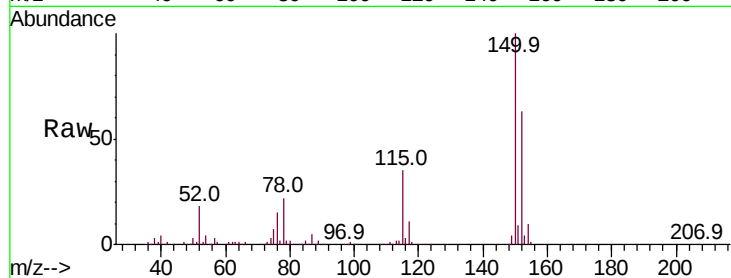
Tot Ion:152 Resp: 175538

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 157.8 0.0 345.8



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

