

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056236.D
 Acq On : 12 Jun 2019 9:28
 Operator : JC/SP
 Sample : VN0612WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Quant Time: Jun 13 04:45:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	47227	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	226509	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	177375	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	87157	29.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.07%
60) 4-Bromofluorobenzene	12.40	95	53454	20.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	67.77%
63) Toluene-d8	10.09	98	263488	32.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.17%

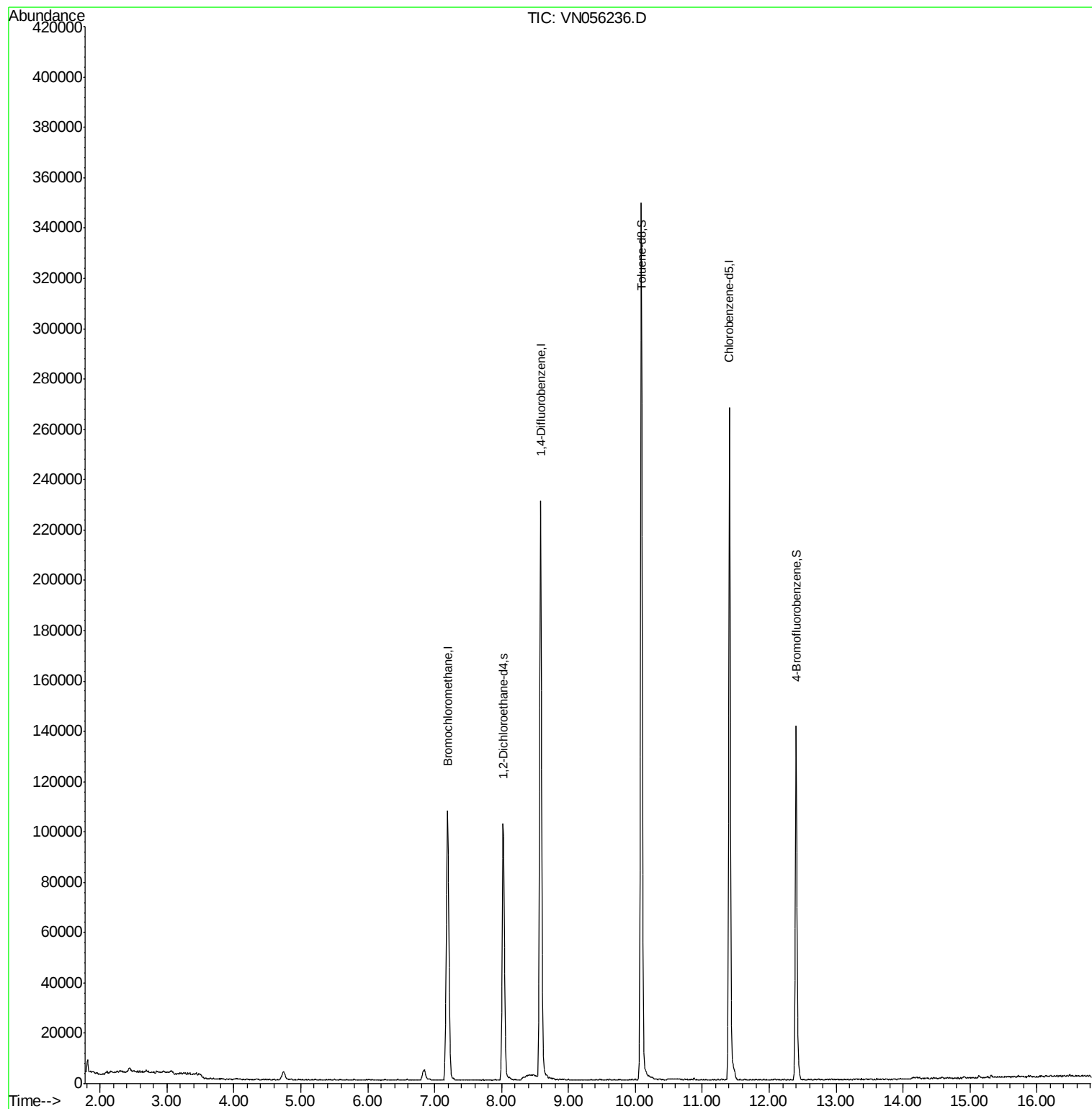
Target Compounds	Ovalue

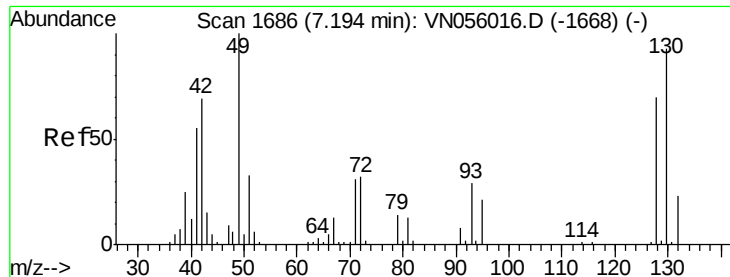
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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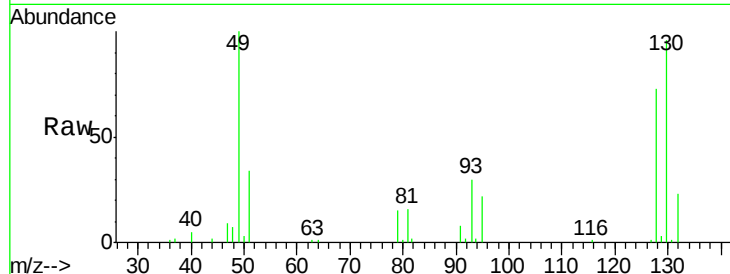




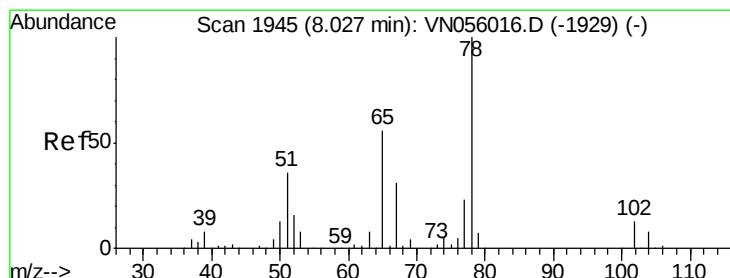
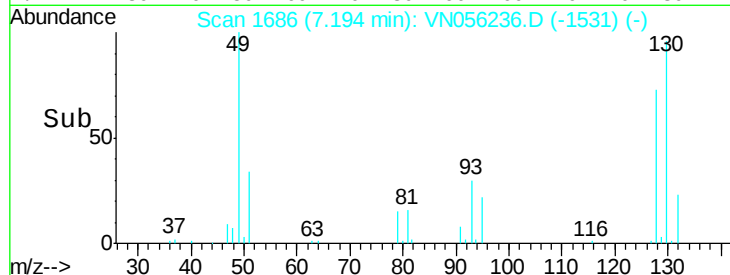
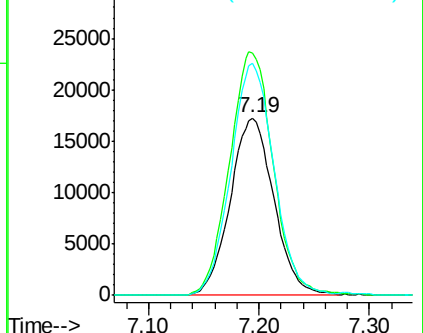
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN056236.D
 Acq: 12 Jun 2019 9:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0612WBL01

Tot Ion:128 Resp: 47227
 Ion Ratio Lower Upper
 128 100
 49 137.7 0.0 355.8
 130 129.8 0.0 326.3

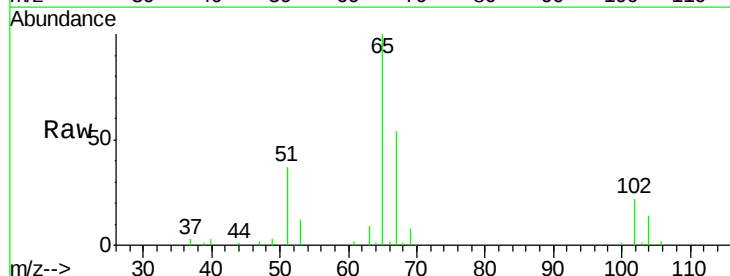


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

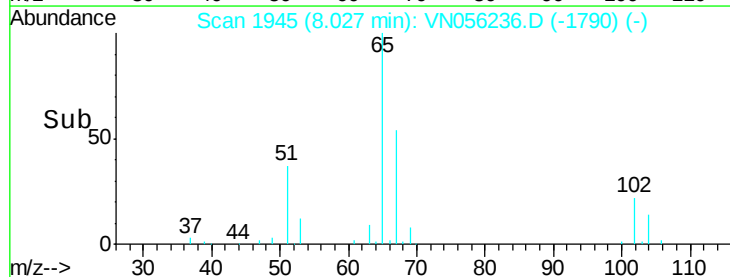
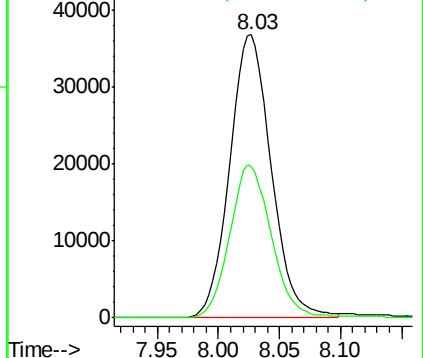


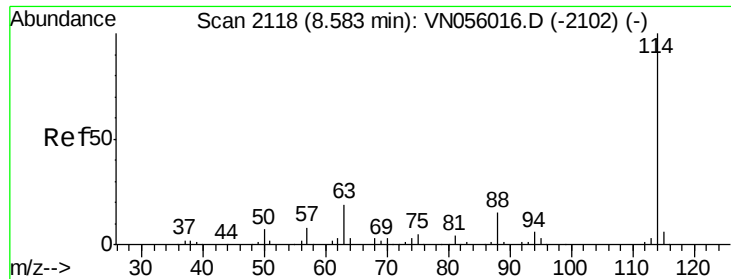
#27
 1,2-Dichloroethane-d4
 Concen: 29.718 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056236.D
 Acq: 12 Jun 2019 9:28

Tgt Ion: 65 Resp: 87157
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN
 Ion 67.00 (66.70 to 67.70): VN

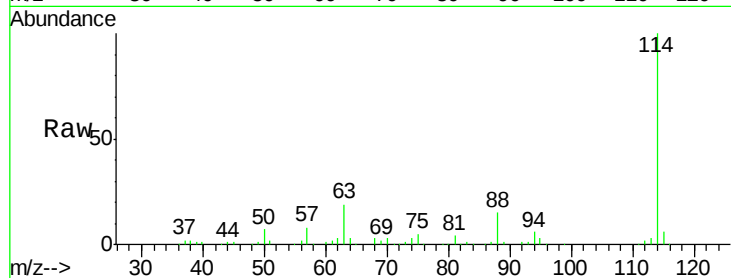




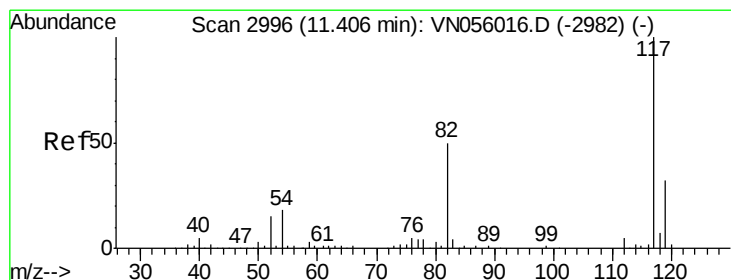
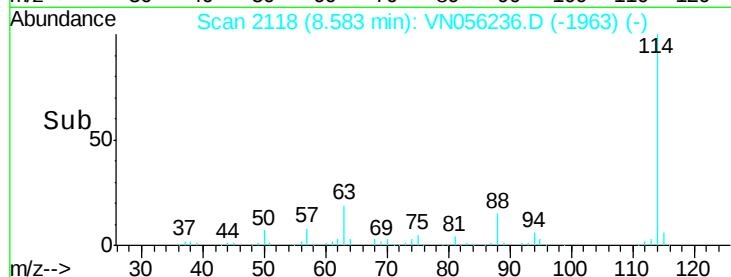
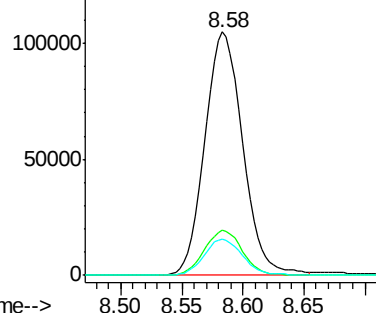
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056236.D
 Acq: 12 Jun 2019 9:28

Instrument :
 MSVOA_N
 ClientSampled :
 VN0612WBL01

Tot Ion:114 Resp: 226509
 Ion Ratio Lower Upper
 114 100
 63 18.5 14.7 22.1
 88 14.9 11.9 17.9

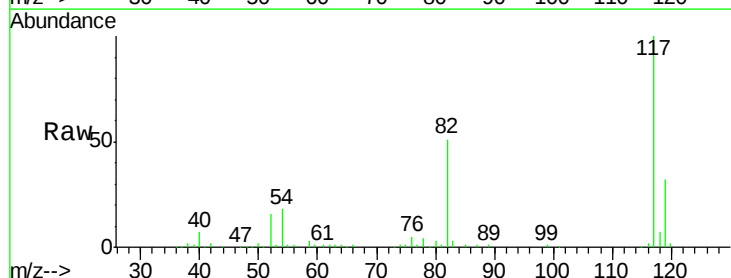


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

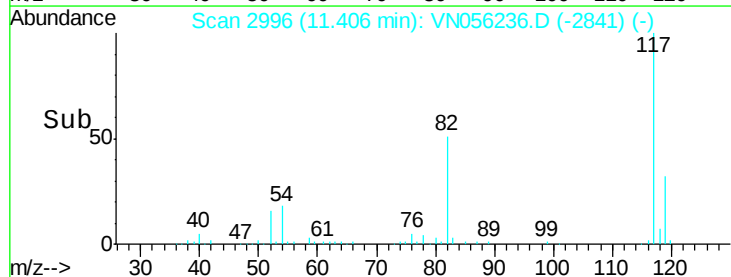
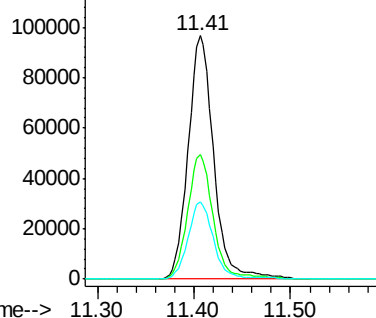


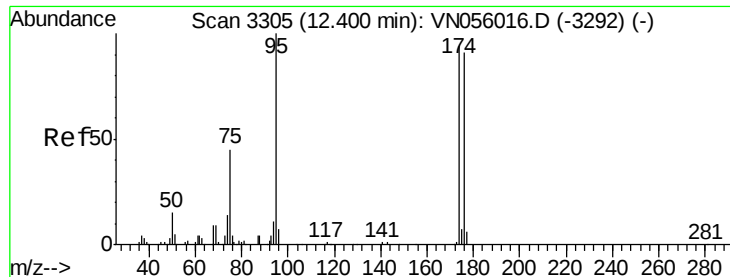
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056236.D
 Acq: 12 Jun 2019 9:28

Tgt Ion:117 Resp: 177375
 Ion Ratio Lower Upper
 117 100
 82 51.3 41.2 61.8
 119 31.2 26.2 39.2



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 20.332 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056236.D

Acq: 12 Jun 2019 9:28

Instrument :

MSVOA_N

ClientSampleId :

VN0612WBL01

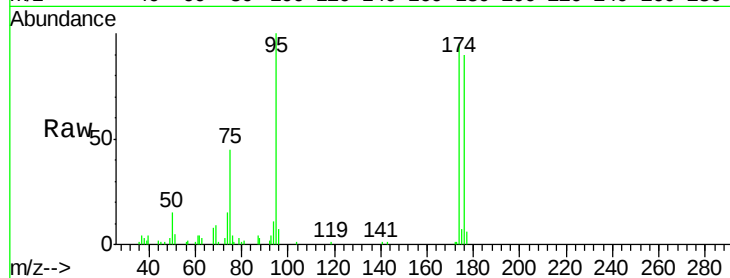
Tot Ion: 95 Resp: 53454

Ion Ratio Lower Upper

95 100

174 97.2 75.4 113.0

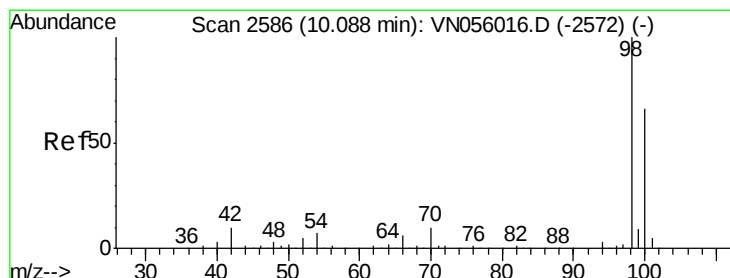
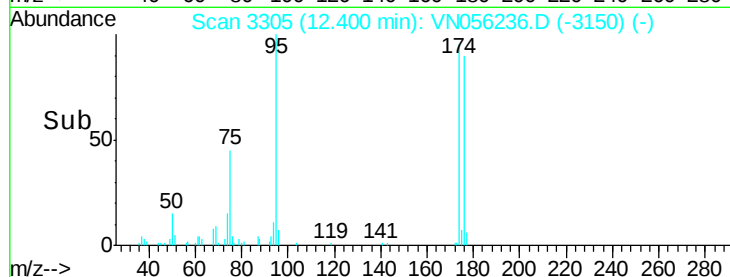
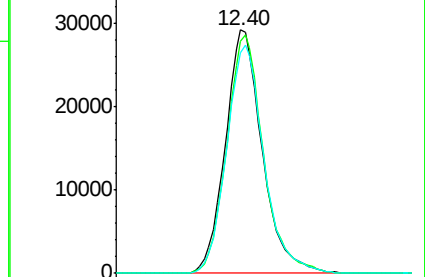
176 94.9 73.9 110.9



Abundance Ion 95.00 (94.70 to 95.70): VN056236.D (-3150) (-)

Ion 174.00 (173.70 to 174.70): VN056236.D (-3150) (-)

Ion 176.00 (175.70 to 176.70): VN056236.D (-3150) (-)



#63

Toluene-d8

Concen: 32.747 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056236.D

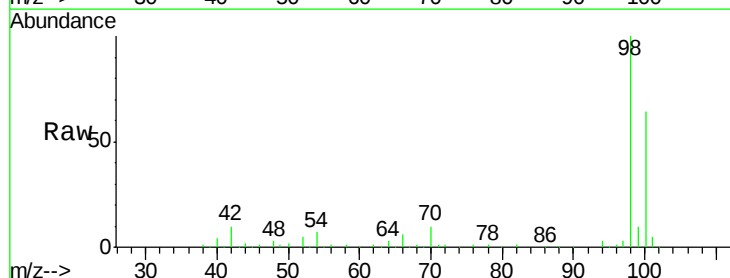
Acq: 12 Jun 2019 9:28

Tgt Ion: 98 Resp: 263488

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VN056236.D (-2431) (-)

Ion 100.00 (99.70 to 100.70): VN056236.D (-2431) (-)

