

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057104.D
 Acq On : 6 Aug 2019 15:38
 Operator : JC/SP
 Sample : VN0806WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL02

Quant Time: Aug 07 08:50:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 04:19:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	72973	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.58	114	384240	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	282175	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	143722	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	12.40	95	83471	19.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	65.80%
63) Toluene-d8	10.09	98	432988	32.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.27%

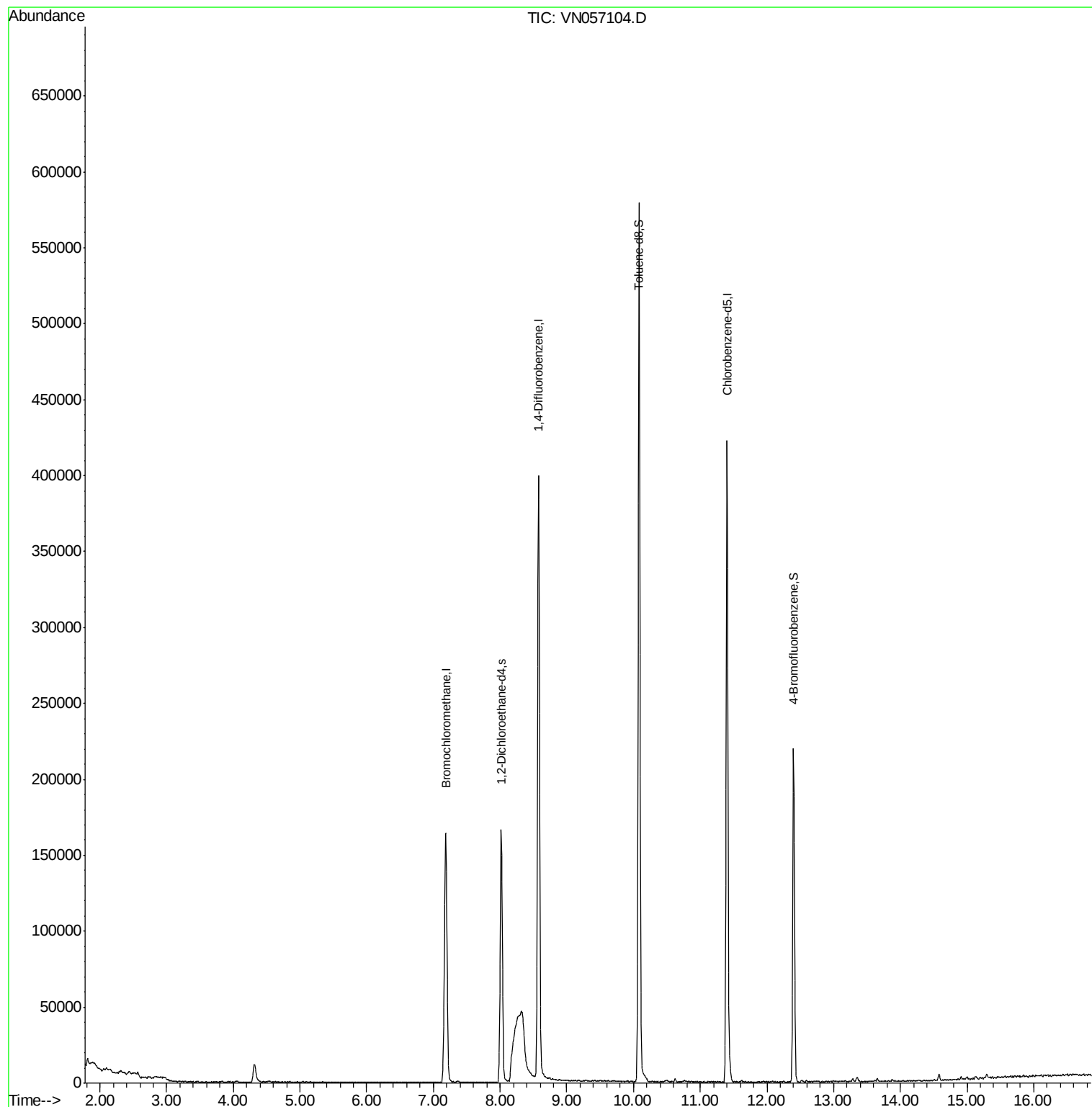
Target Compounds	Ovalue

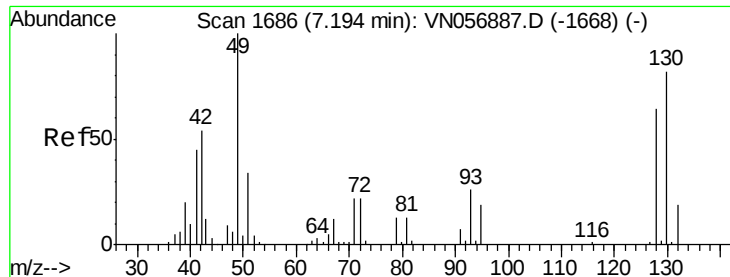
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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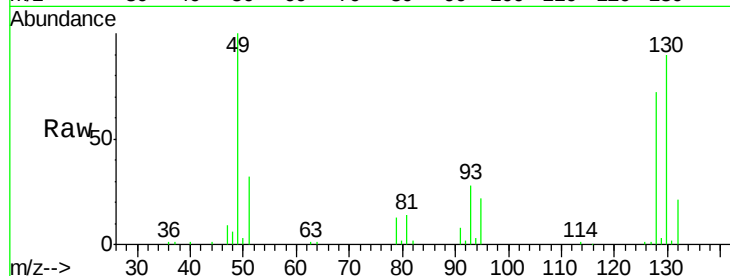




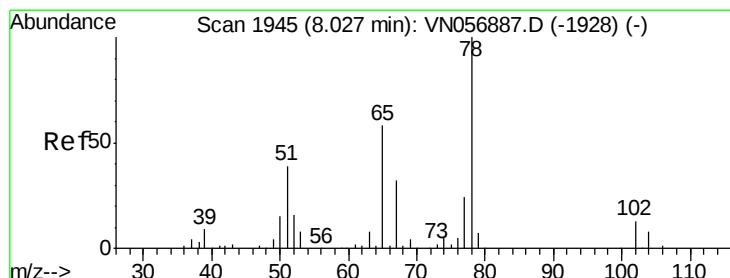
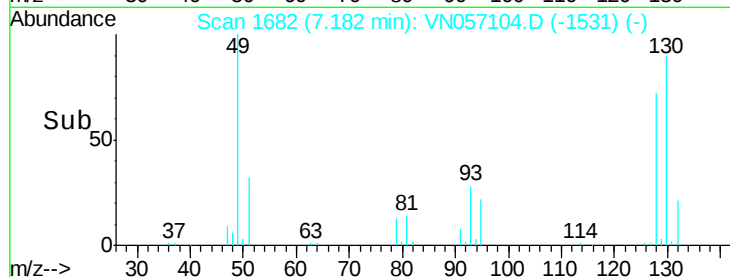
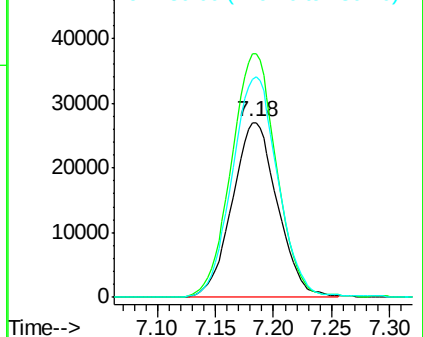
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: VN057104.D
 Acq: 6 Aug 2019 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL02

Tot Ion:128 Resp: 72973
 Ion Ratio Lower Upper
 128 100
 49 138.9 0.0 385.8
 130 127.4 0.0 322.5

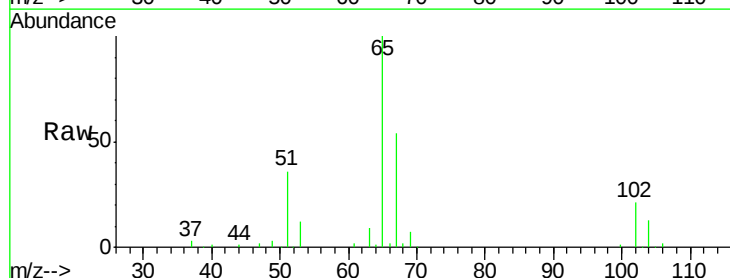


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

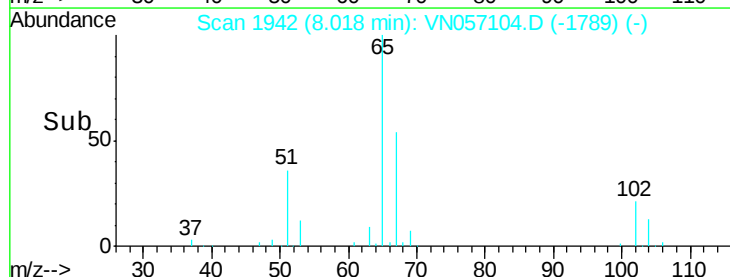
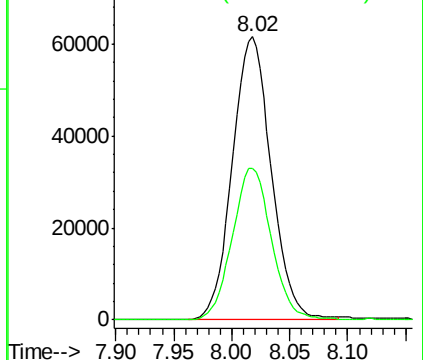


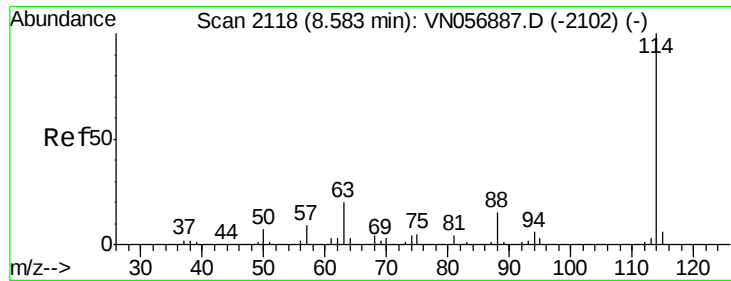
#27
 1,2-Dichloroethane-d4
 Concen: 30.095 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VN057104.D
 Acq: 6 Aug 2019 15:38

Tgt Ion: 65 Resp: 143722
 Ion Ratio Lower Upper
 65 100
 67 54.1 44.6 66.8



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

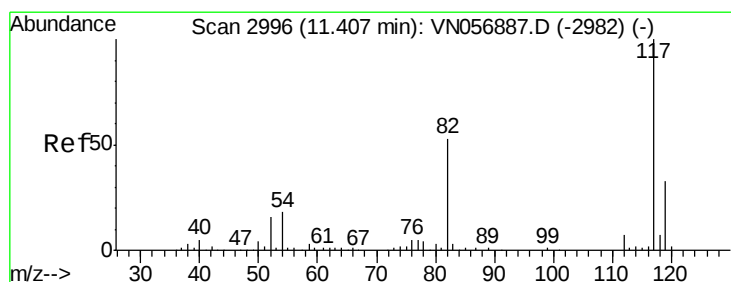
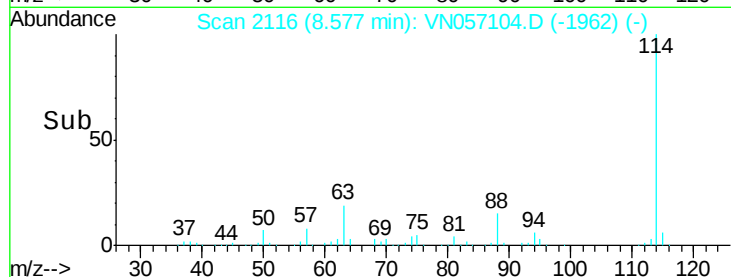
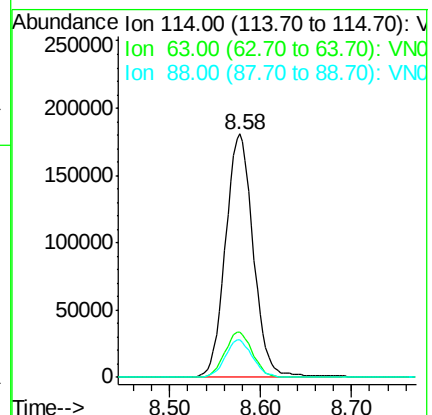
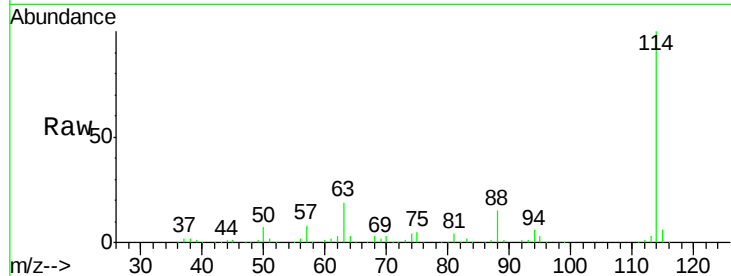




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: VN057104.D
 Acq: 6 Aug 2019 15:38

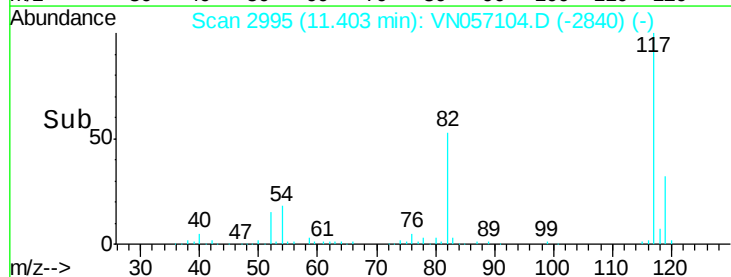
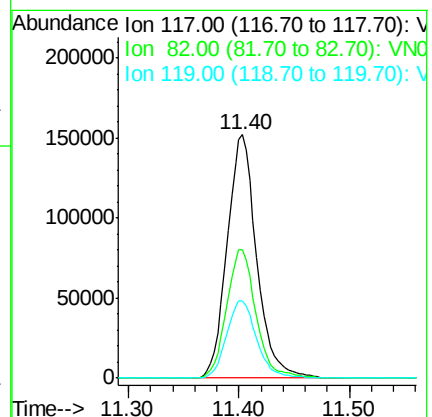
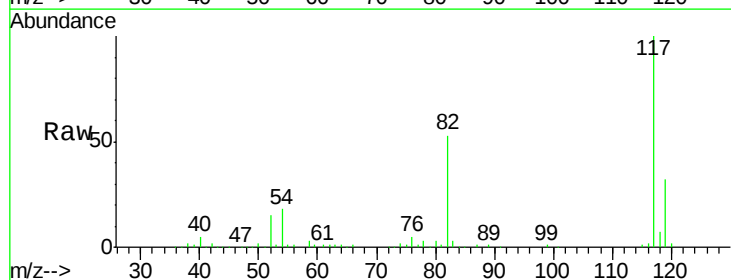
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBL02

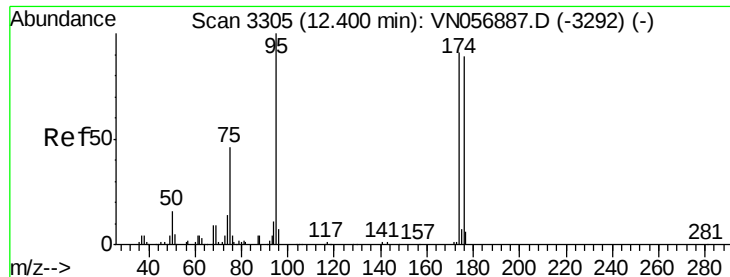
Tot Ion:114 Resp: 384240
 Ion Ratio Lower Upper
 114 100
 63 18.5 15.8 23.6
 88 15.2 12.5 18.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN057104.D
 Acq: 6 Aug 2019 15:38

Tgt Ion:117 Resp: 282175
 Ion Ratio Lower Upper
 117 100
 82 52.6 43.0 64.4
 119 32.3 26.2 39.2





#60

4-Bromofluorobenzene

Concen: 19.737 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057104.D

Acq: 6 Aug 2019 15:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBL02

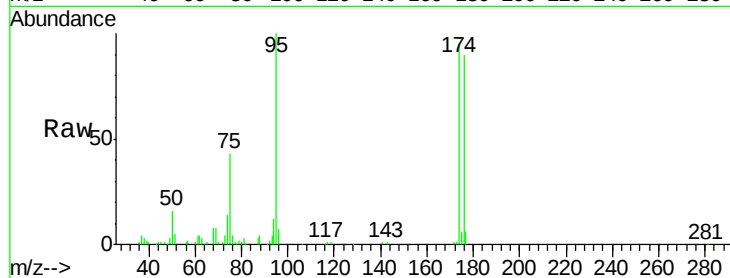
Tot Ion: 95 Resp: 83471

Ion Ratio Lower Upper

95 100

174 94.4 71.9 107.9

176 90.9 69.8 104.8

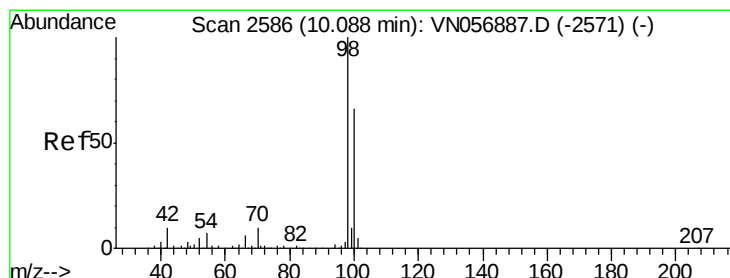
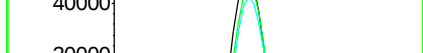
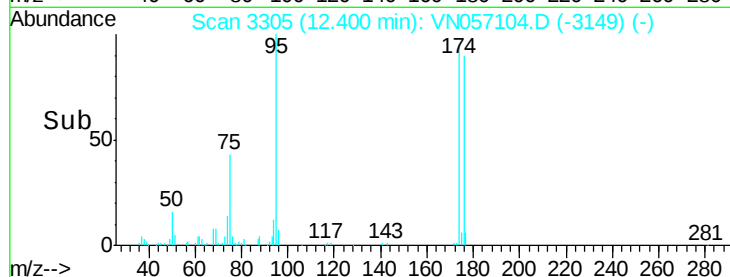


Abundance Ion 95.00 (94.70 to 95.70): VN056887.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN056887.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN056887.D (-3292) (-)

Time-->



#63

Toluene-d8

Concen: 32.484 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057104.D

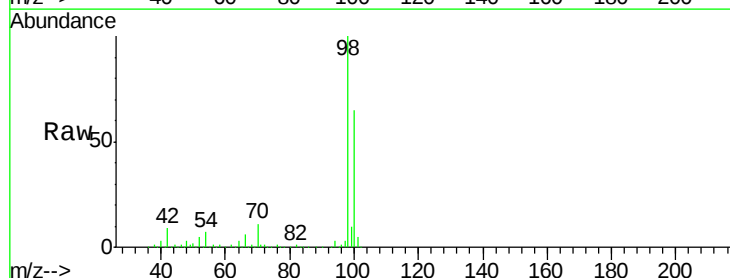
Acq: 6 Aug 2019 15:38

Tgt Ion: 98 Resp: 432988

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN056887.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN056887.D (-2571) (-)

Time-->

