

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056892.D
 Acq On : 23 Jul 2019 22:17
 Operator : JC/SP
 Sample : VN0724WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBL01

Quant Time: Jul 24 03:57:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59762	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	312608	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	244776	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	117411	30.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.07%
60) 4-Bromofluorobenzene	12.40	95	80820	22.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.43%
63) Toluene-d8	10.09	98	372063	32.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.27%

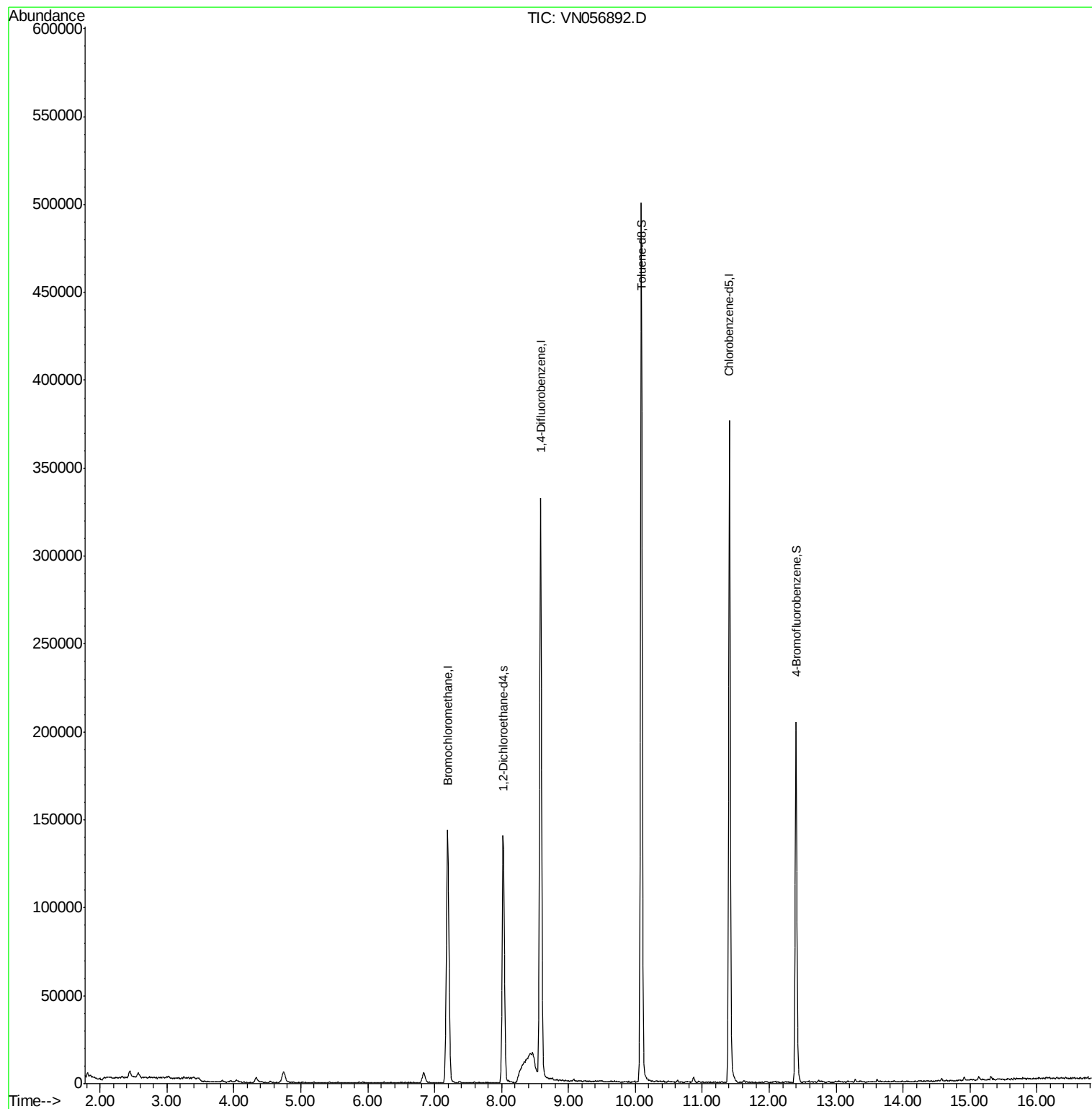
Target Compounds	Ovalue

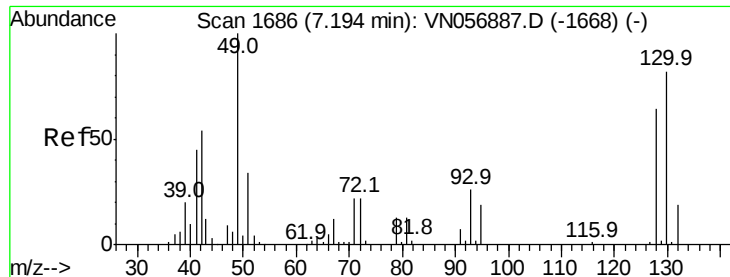
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056892.D

Acq: 23 Jul 2019 22:17

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MSVOA_N

ClientSampleId :

VN0724WBL01

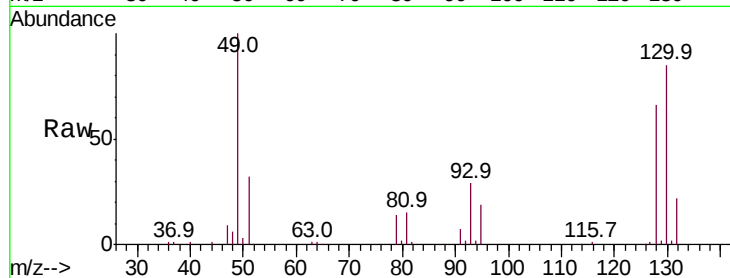
Tot Ion:128 Resp: 59762

Ion Ratio Lower Upper

128 100

49 156.1 0.0 385.8

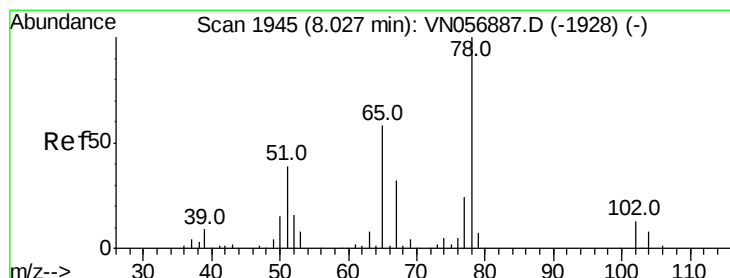
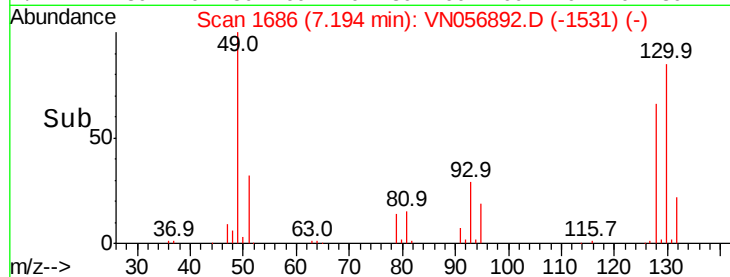
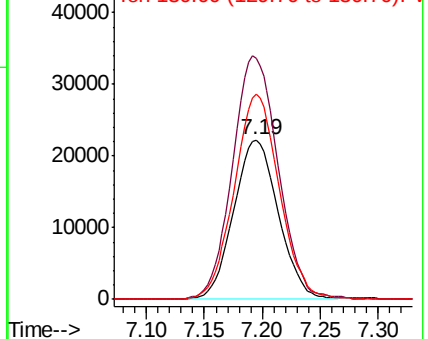
130 130.0 0.0 322.5



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: 30.020 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056892.D

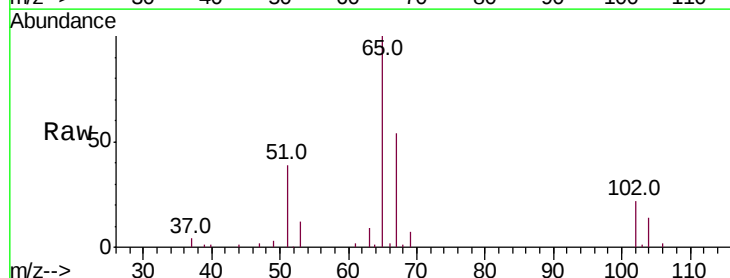
Acq: 23 Jul 2019 22:17

Tgt Ion: 65 Resp: 117411

Ion Ratio Lower Upper

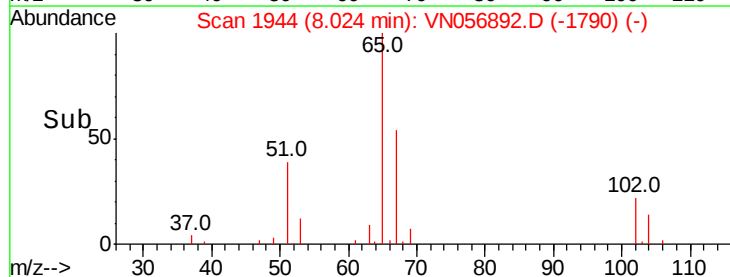
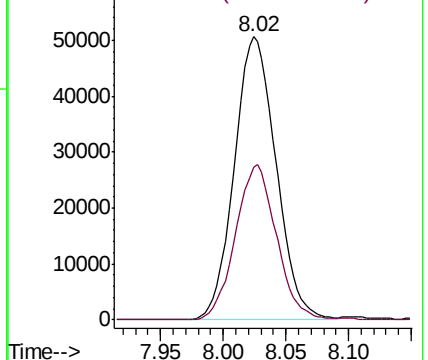
65 100

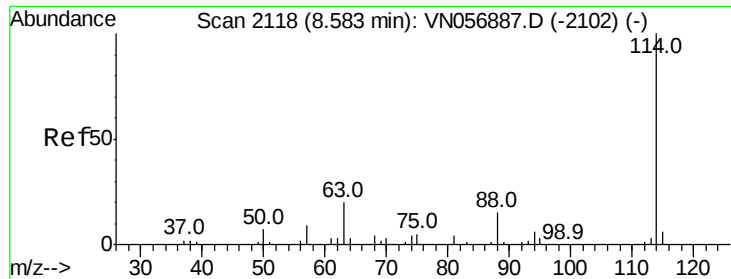
67 53.7 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

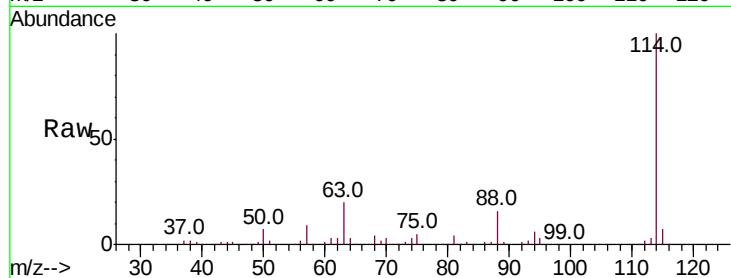




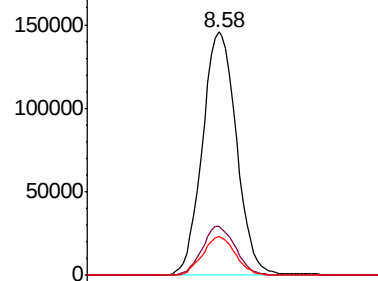
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056892.D
 Acq: 23 Jul 2019 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBL01

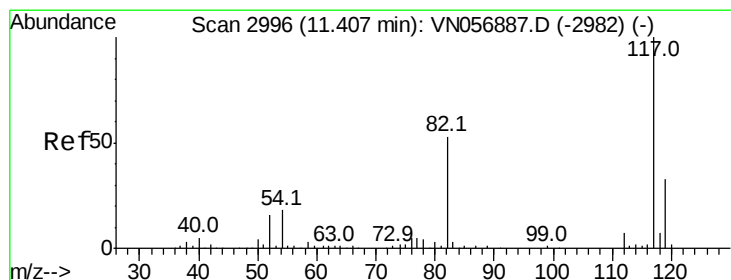
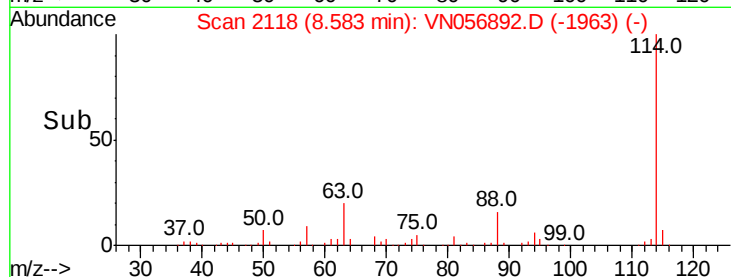
Tot Ion:114 Resp: 312608
 Ion Ratio Lower Upper
 114 100
 63 19.8 15.8 23.6
 88 15.3 12.5 18.7



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

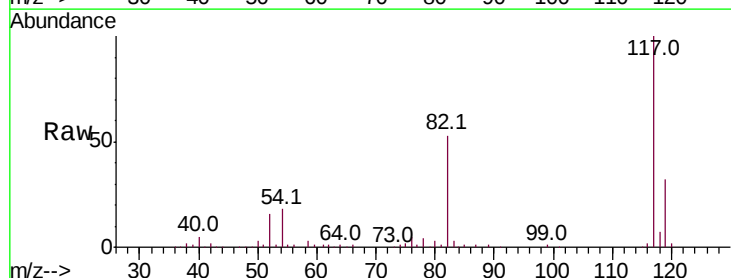


Time-->

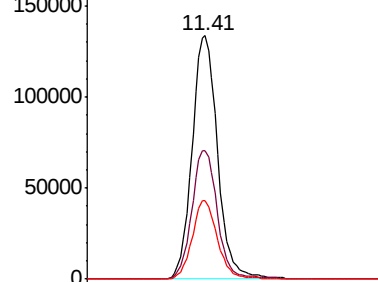


#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056892.D
 Acq: 23 Jul 2019 22:17

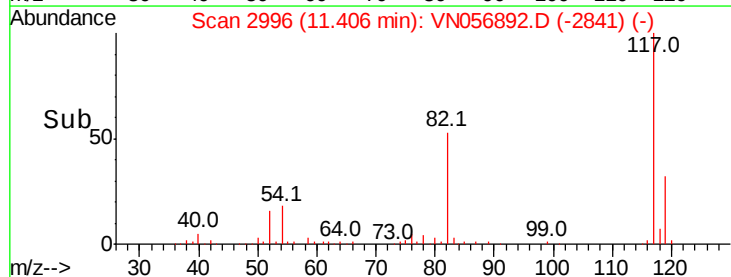
Tgt Ion:117 Resp: 244776
 Ion Ratio Lower Upper
 117 100
 82 53.2 43.0 64.4
 119 32.1 26.2 39.2

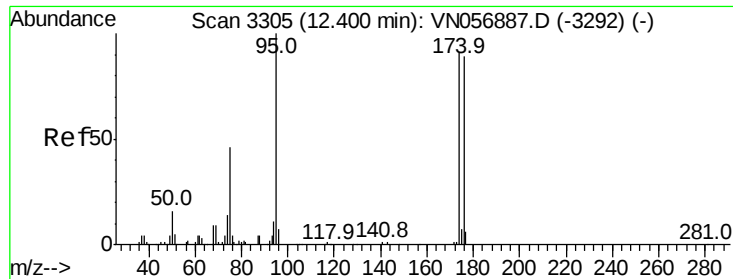


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V



Time-->





#60

4-Bromofluorobenzene

Concen: 22.030 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056892.D

Acq: 23 Jul 2019 22:17

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBL01

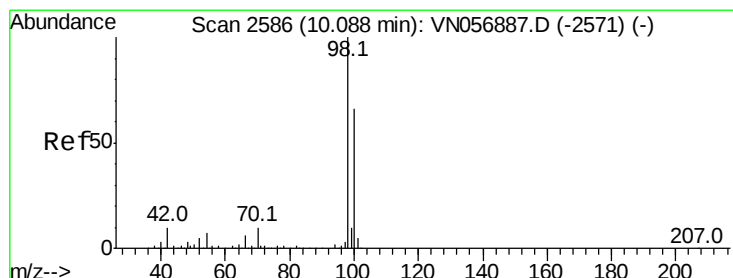
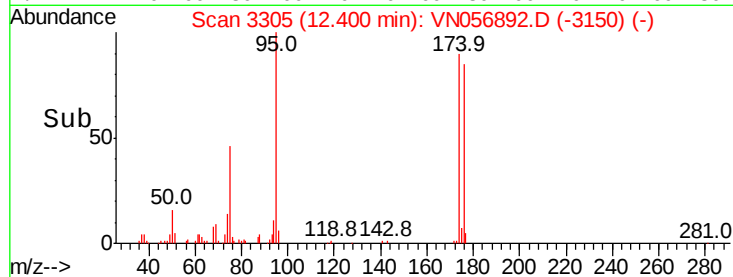
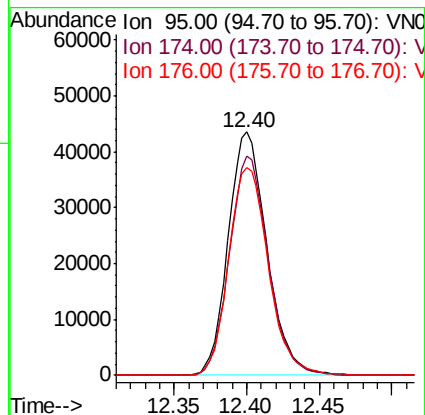
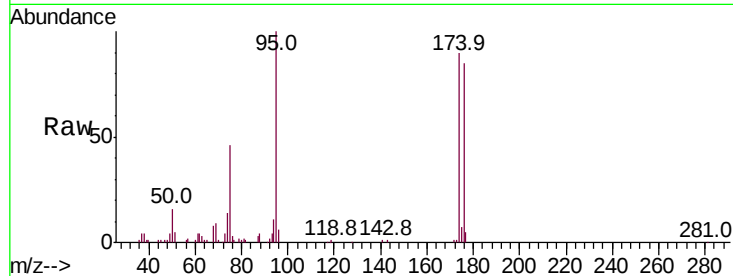
Tot Ion: 95 Resp: 80820

Ion Ratio Lower Upper

95 100

174 89.9 71.9 107.9

176 87.6 69.8 104.8



#63

Toluene-d8

Concen: 32.178 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056892.D

Acq: 23 Jul 2019 22:17

Tgt Ion: 98 Resp: 372063

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2

