

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057204.D
 Acq On : 12 Aug 2019 9:59
 Operator : JC/SP
 Sample : VN0812WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01

Quant Time: Aug 13 01:56:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sun Aug 11 03:53:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.58	128	181351	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.01	114	938379	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.91	117	719435	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.44	65	343546	29.06	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.87%
60) 4-Bromofluorobenzene	11.92	95	198528	18.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	61.77%
63) Toluene-d8	9.56	98	1091905	32.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.60%

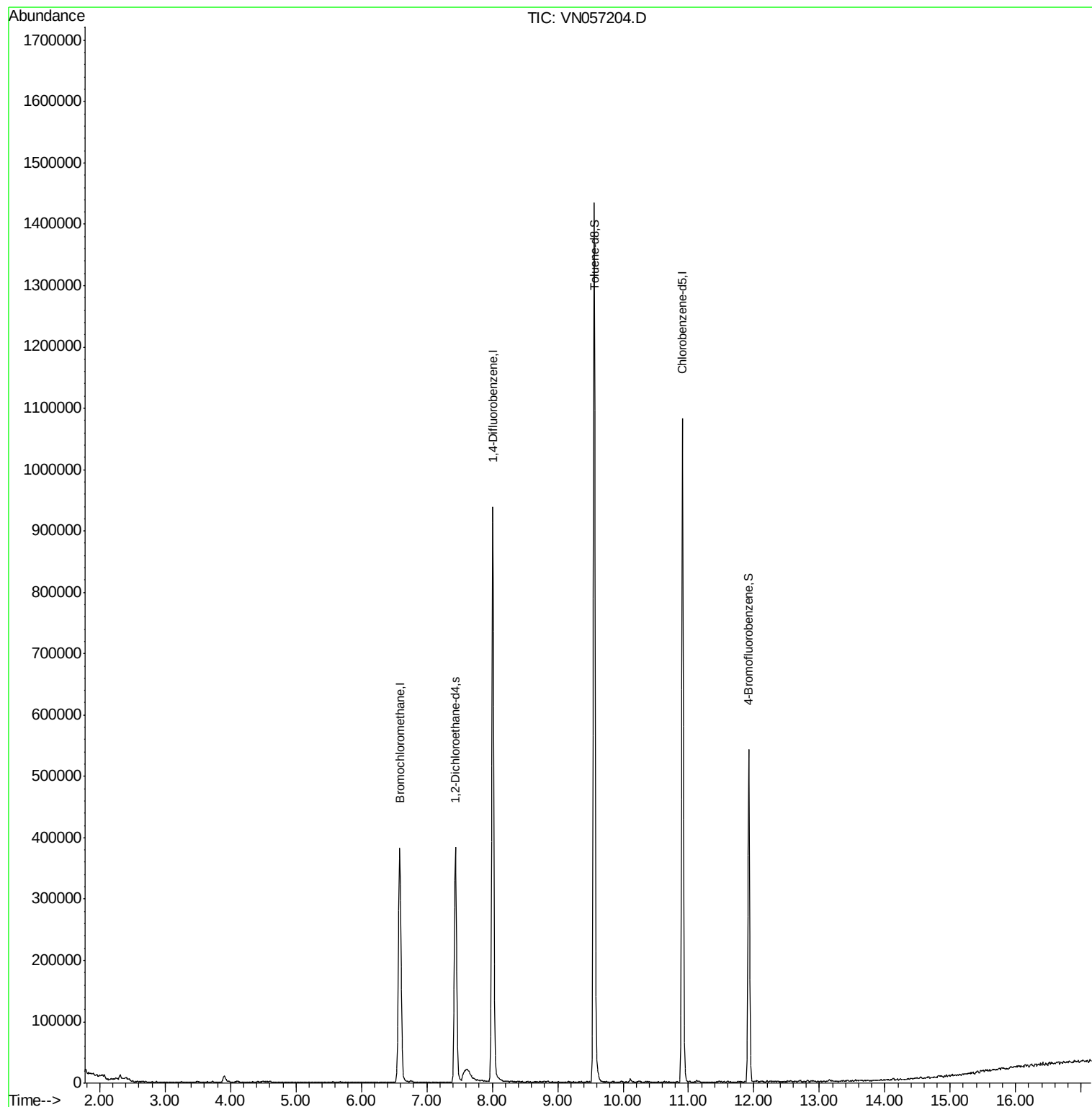
Target Compounds	Ovalue

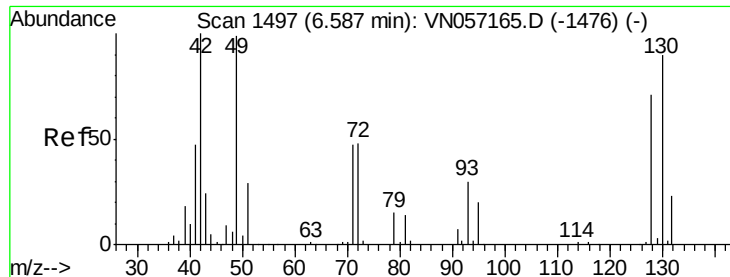
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 6.58 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VN057204.D

Acq: 12 Aug 2019 9:59

Instrument :

MSVOA_N

ClientSampled :

VN0812WBL01

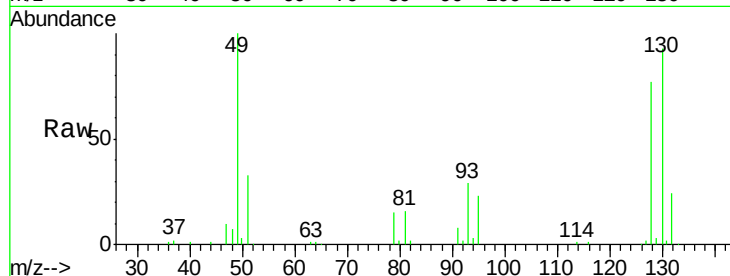
Tot Ion:128 Resp: 181351

Ion Ratio Lower Upper

128 100

49 135.6 0.0 361.0

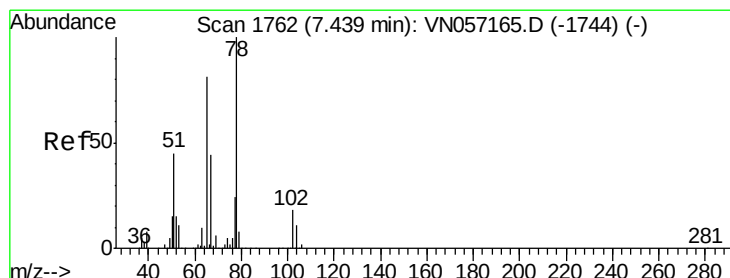
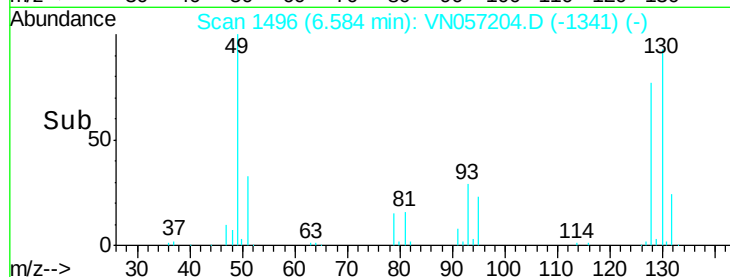
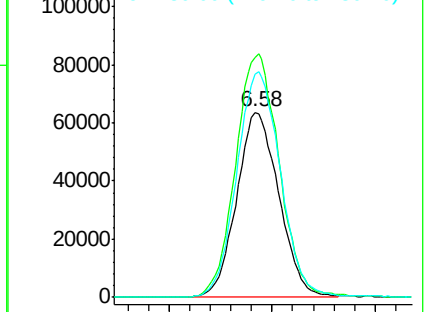
130 125.8 0.0 329.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.061 ug/l

RT: 7.44 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VN057204.D

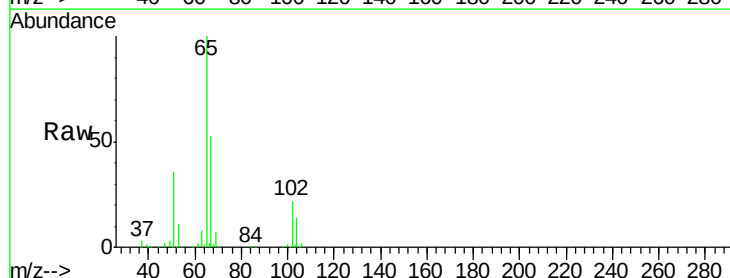
Acq: 12 Aug 2019 9:59

Tgt Ion: 65 Resp: 343546

Ion Ratio Lower Upper

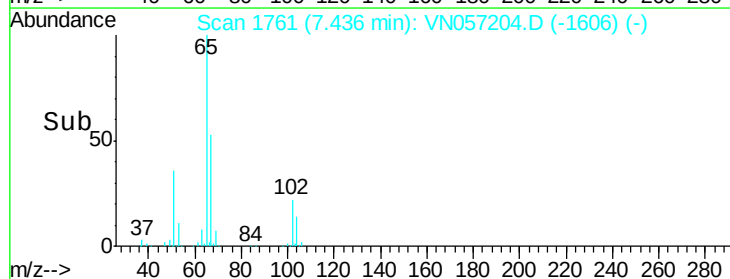
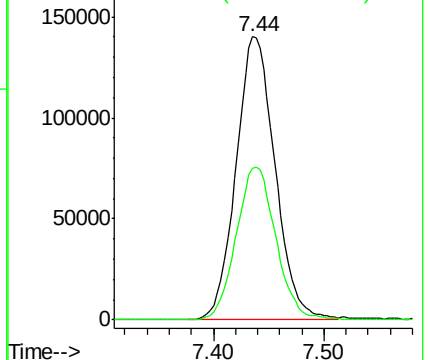
65 100

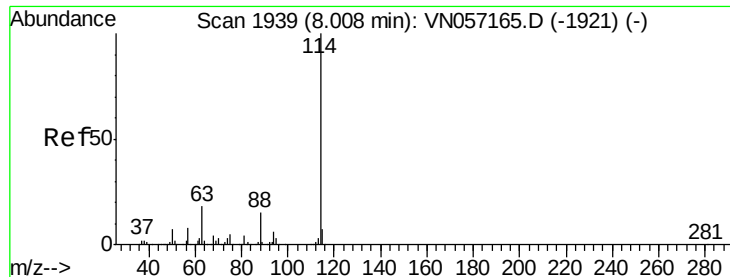
67 54.8 42.4 63.6



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

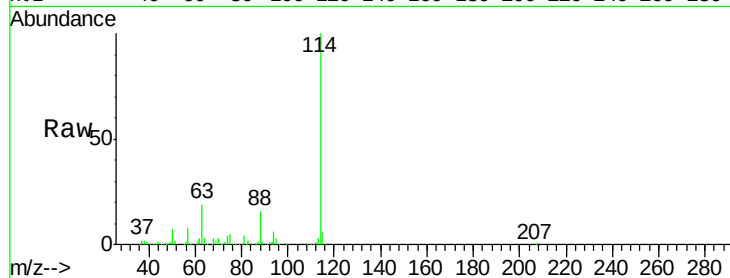




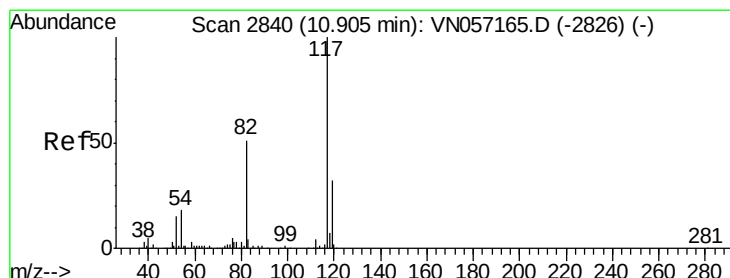
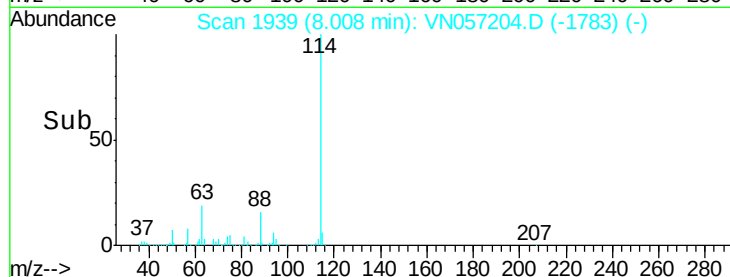
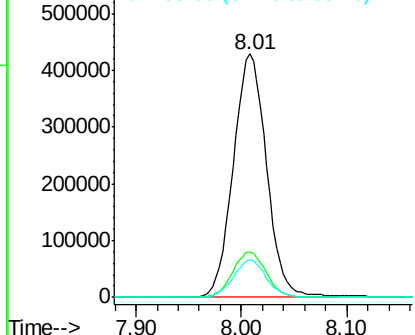
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN057204.D
 Acq: 12 Aug 2019 9:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBL01

Tot	Ion:114	Resp:	938379
Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.6	21.8
88	15.2	12.2	18.2

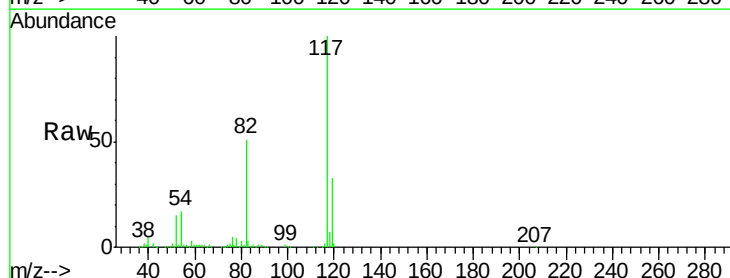


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

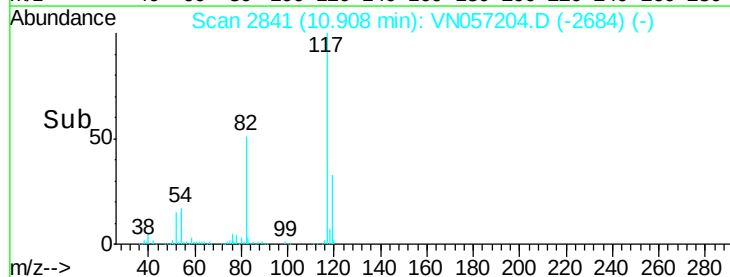
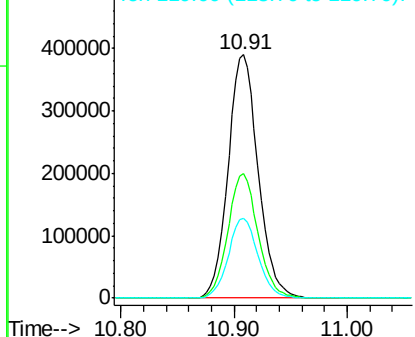


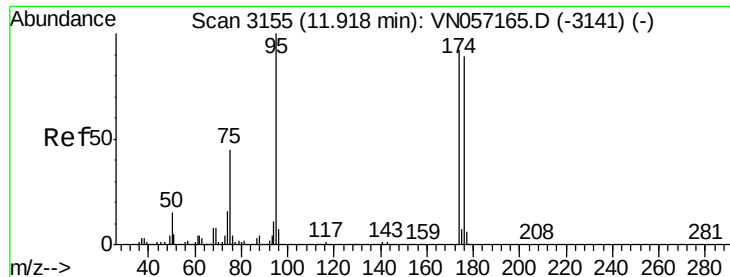
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.91 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VN057204.D
 Acq: 12 Aug 2019 9:59

Tgt Ion	Ion:117	Resp:	719435
	Ratio	Lower	Upper
117	100		
82	51.1	41.5	62.3
119	32.6	26.1	39.1



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





#60

4-Bromofluorobenzene

Concen: 18.532 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057204.D

Acq: 12 Aug 2019 9:59

Instrument :

MSVOA_N

ClientSampled :

VN0812WBL01

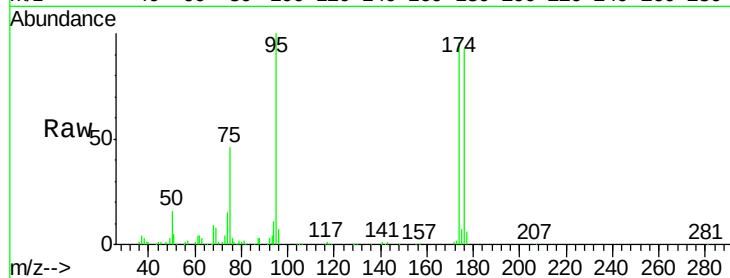
Tot Ion: 95 Resp: 198528

Ion Ratio Lower Upper

95 100

174 93.8 74.9 112.3

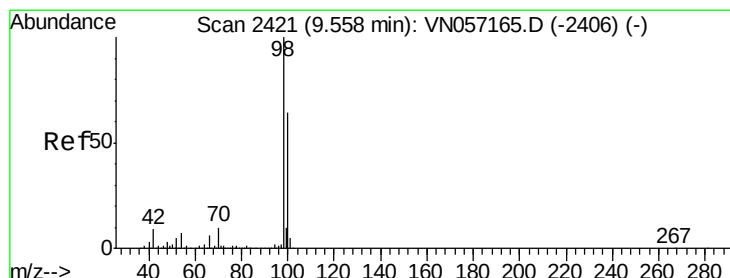
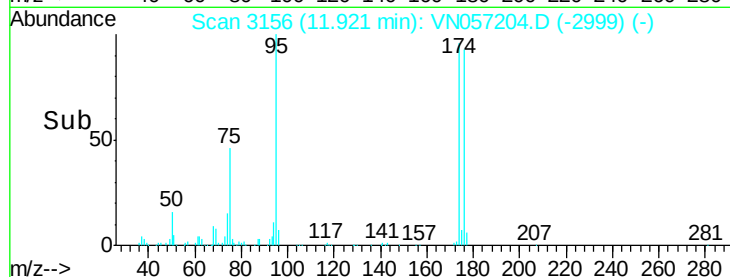
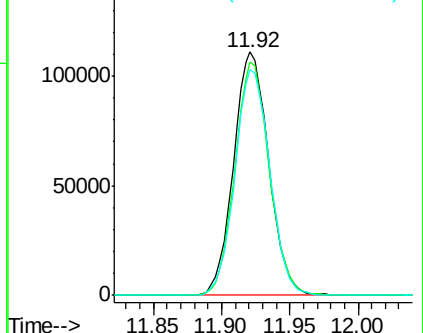
176 92.0 72.1 108.1



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#63

Toluene-d8

Concen: 32.878 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. 0.00 min

Lab File: VN057204.D

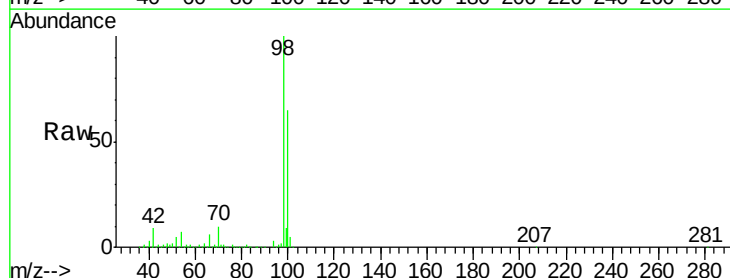
Acq: 12 Aug 2019 9:59

Tgt Ion: 98 Resp: 1091905

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

