

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052419\
 Data File : VN055783.D
 Acq On : 24 May 2019 9:52
 Operator : JC/SP
 Sample : VN0524WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL01

Quant Time: May 24 13:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	60767	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	321898	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	255104	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	113557	28.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.30%
60) 4-Bromofluorobenzene	12.40	95	93880	23.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.87%
63) Toluene-d8	10.09	98	370452	31.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.93%

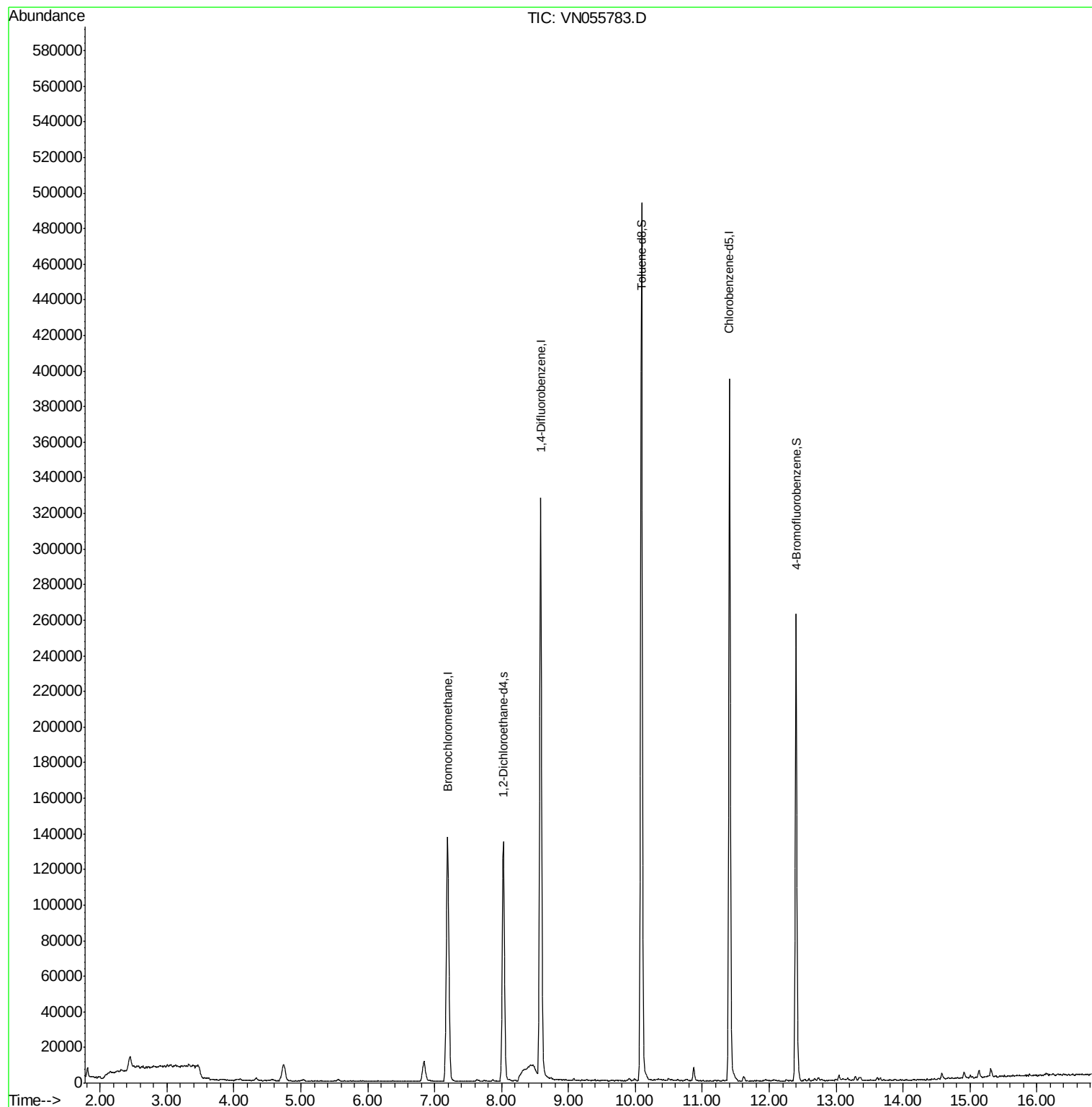
Target Compounds	Ovalue

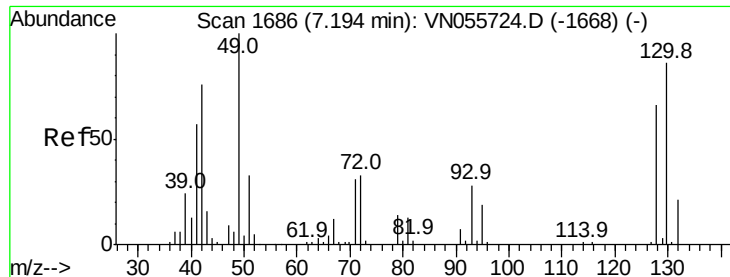
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 05:54:54 2019
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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: VN055783.D

Acq: 24 May 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

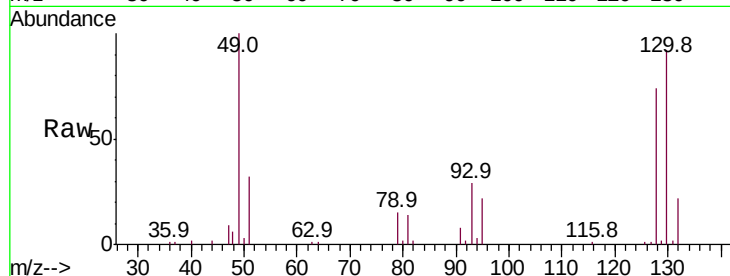
Tot Ion:128 Resp: 60767

Ion Ratio Lower Upper

128 100

49 136.0 0.0 383.2

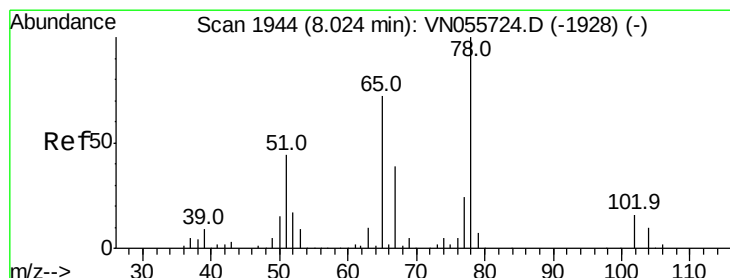
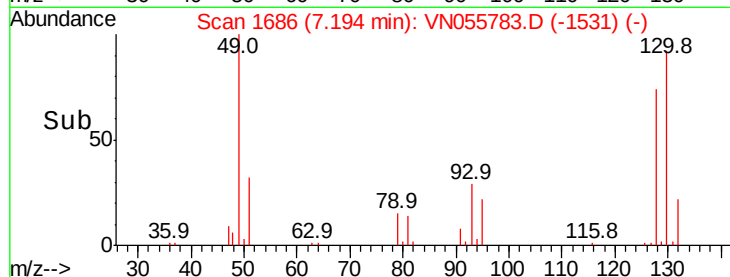
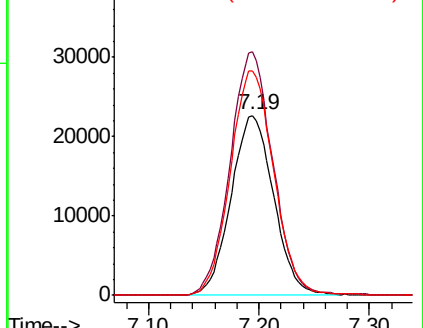
130 127.6 0.0 326.3



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: 28.590 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055783.D

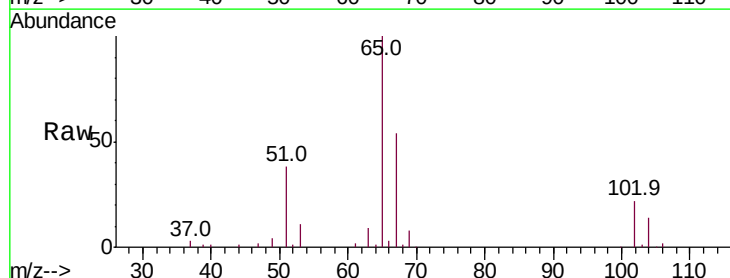
Acq: 24 May 2019 9:52

Tgt Ion: 65 Resp: 113557

Ion Ratio Lower Upper

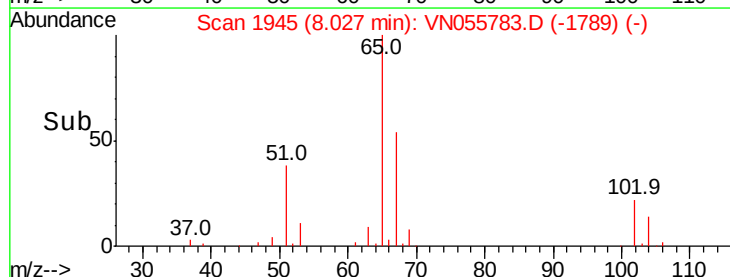
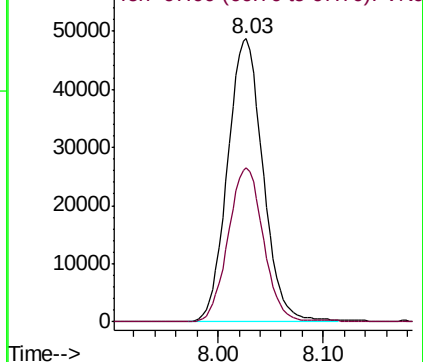
65 100

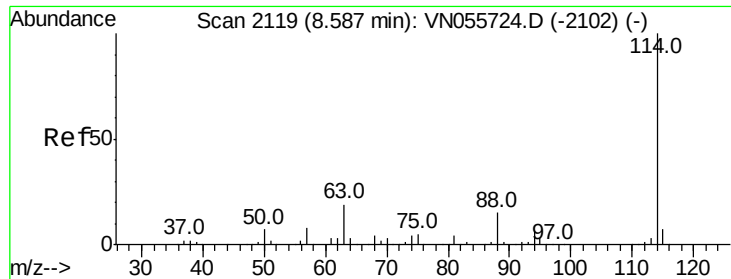
67 54.2 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

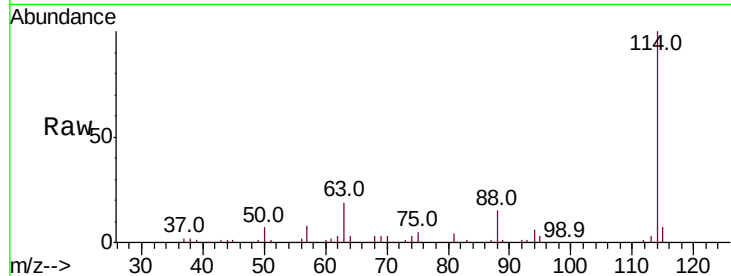




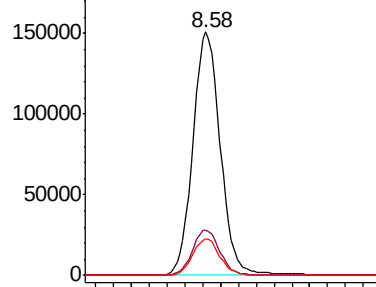
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055783.D
 Acq: 24 May 2019 9:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBL01

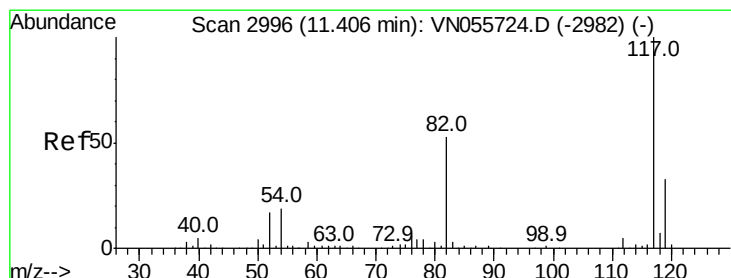
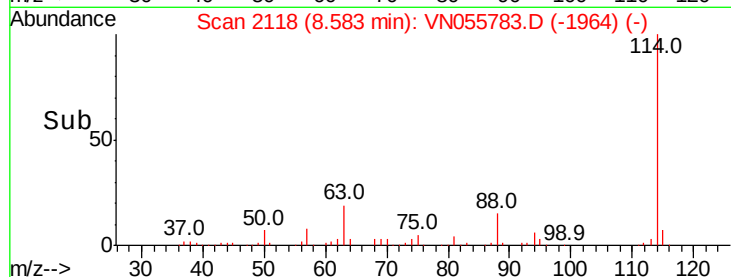
Tot Ion:114 Resp: 321898
 Ion Ratio Lower Upper
 114 100
 63 18.5 15.6 23.4
 88 14.7 12.3 18.5



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

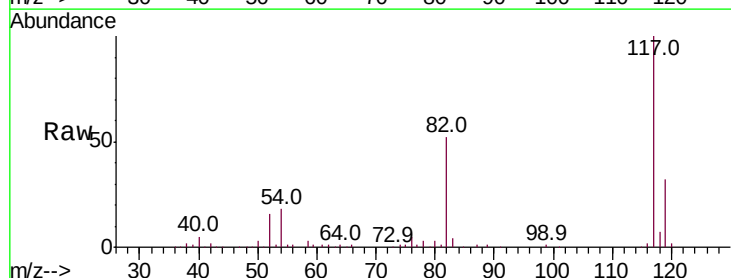


Time-->

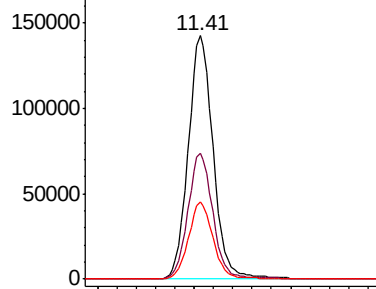


#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN055783.D
 Acq: 24 May 2019 9:52

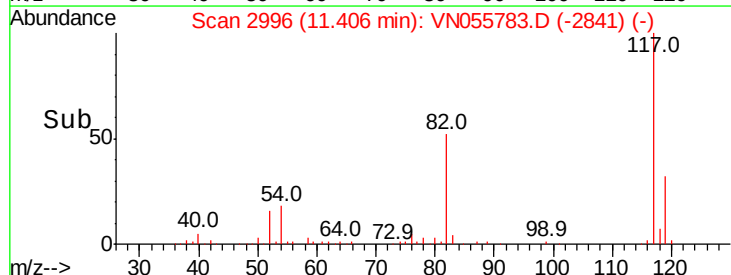
Tgt Ion:117 Resp: 255104
 Ion Ratio Lower Upper
 117 100
 82 51.8 42.6 64.0
 119 31.5 25.9 38.9

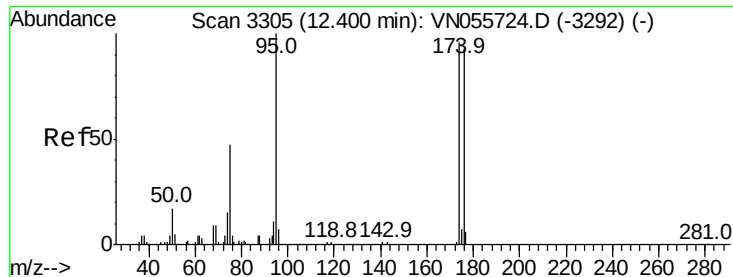


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V



Time-->





#60

4-Bromofluorobenzene

Concen: 23.657 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055783.D

Acq: 24 May 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBL01

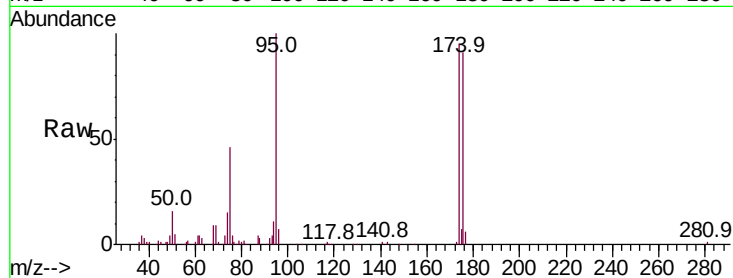
Tot Ion: 95 Resp: 93880

Ion Ratio Lower Upper

95 100

174 96.3 75.7 113.5

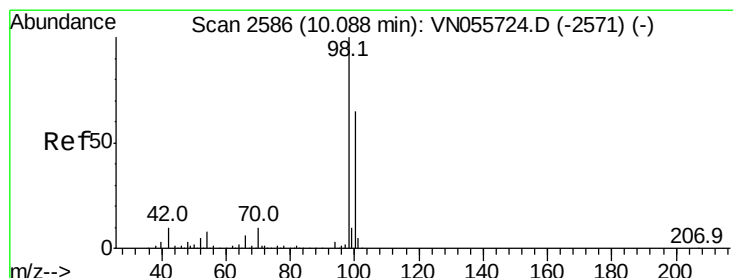
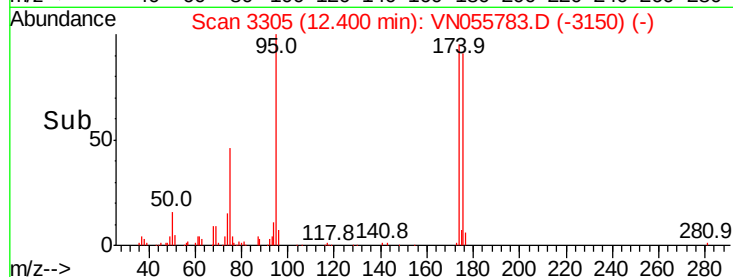
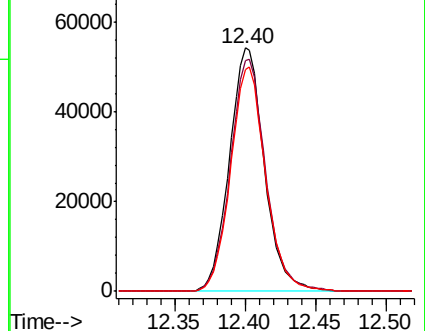
176 92.5 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN055724.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN055724.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN055724.D (-3292) (-)



#63

Toluene-d8

Concen: 31.777 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055783.D

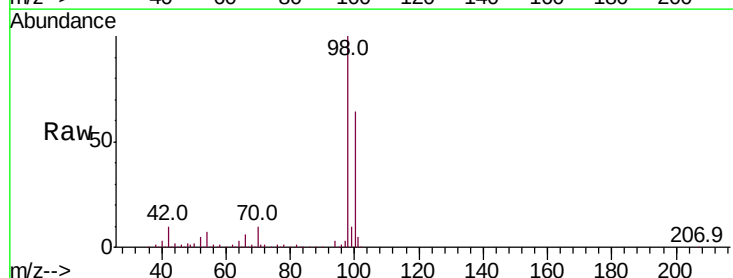
Acq: 24 May 2019 9:52

Tgt Ion: 98 Resp: 370452

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055724.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN055724.D (-2571) (-)

