

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055729.D
 Acq On : 22 May 2019 20:17
 Operator : JC/SP
 Sample : VN0522WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBL01

Quant Time: May 23 06:31:34 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	55751	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	300890	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	250177	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	110843	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	12.40	95	95112	24.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.47%
63) Toluene-d8	10.09	98	360323	31.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.07%

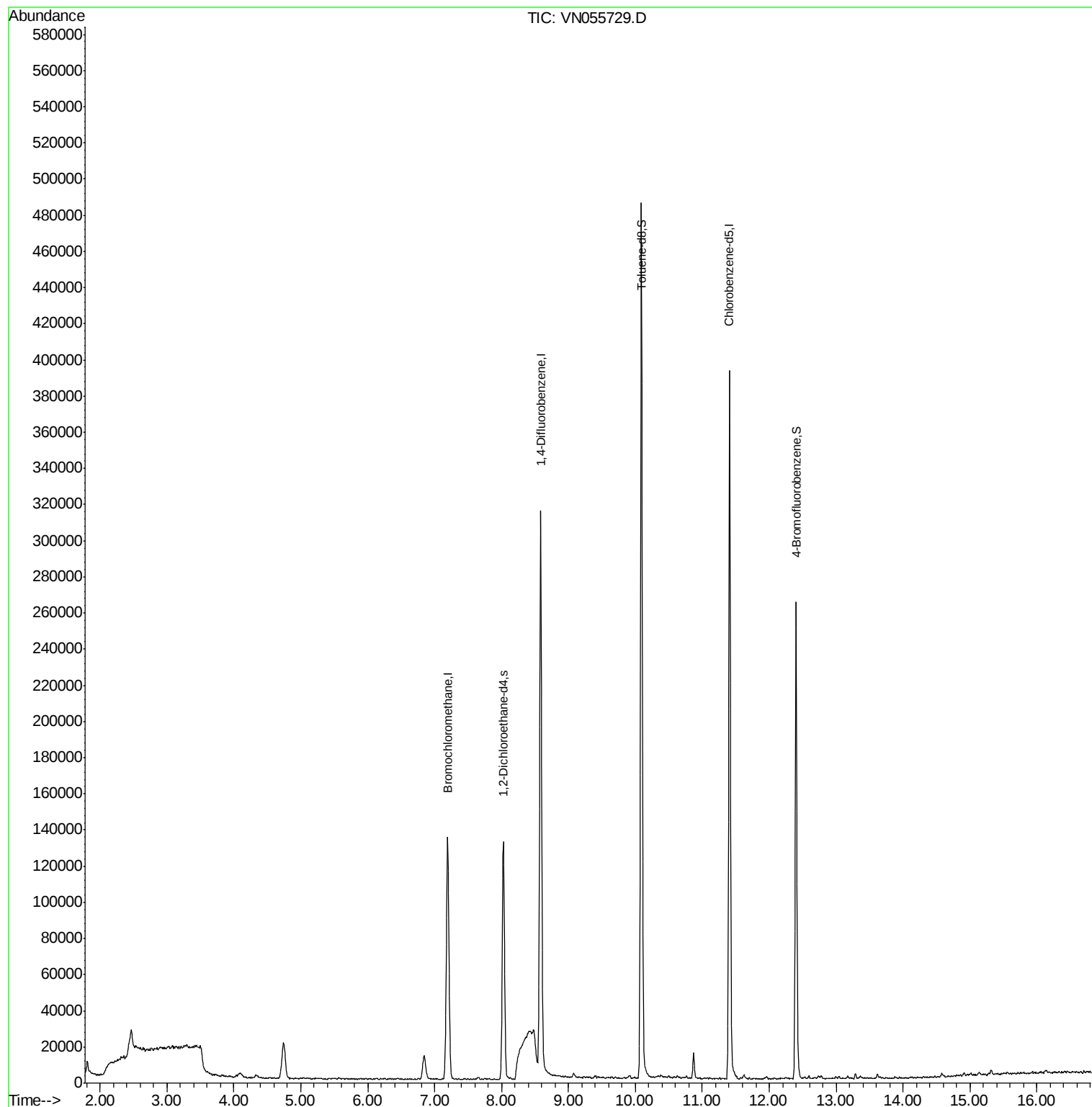
Target Compounds	Ovalue

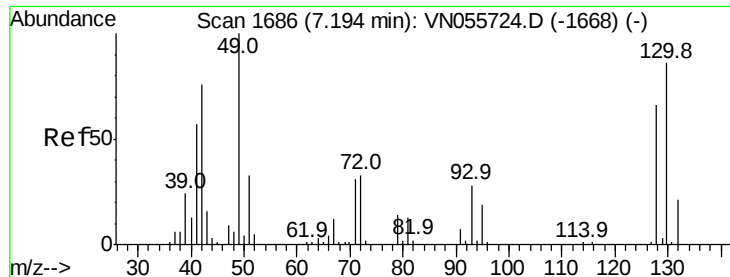
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055729.D

Acq: 22 May 2019 20:17

Instrument :

MSVOA_N

ClientSampled :

VN0522WBL01

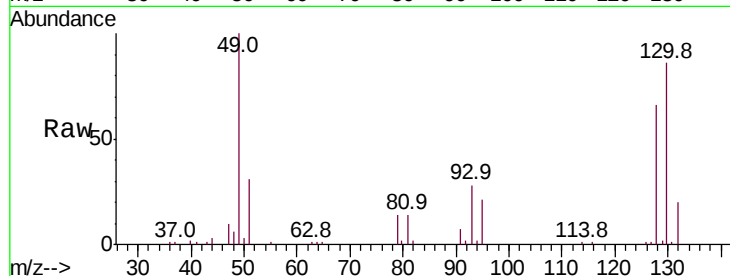
Tot Ion:128 Resp: 55751

Ion Ratio Lower Upper

128 100

49 151.7 0.0 383.2

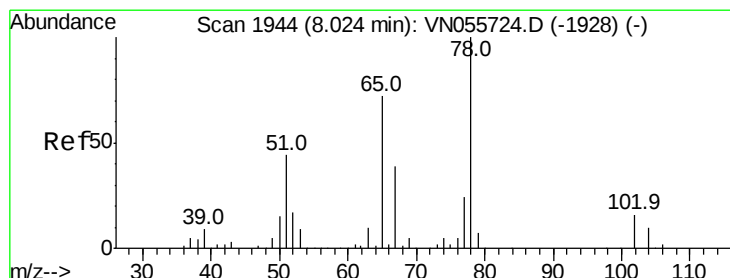
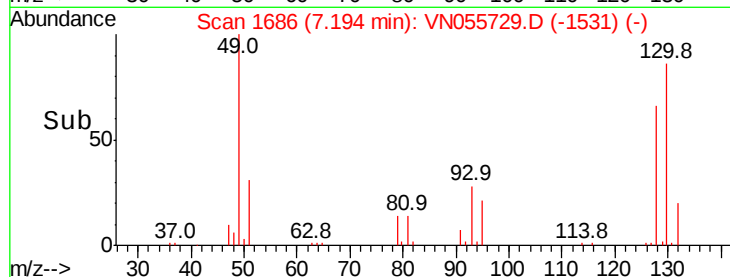
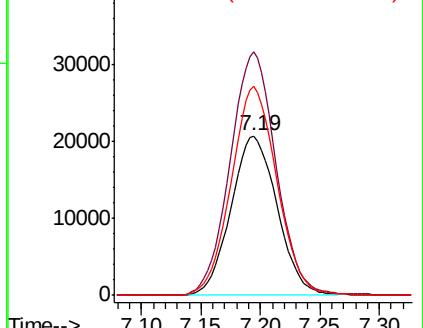
130 130.2 0.0 326.3



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: 30.417 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055729.D

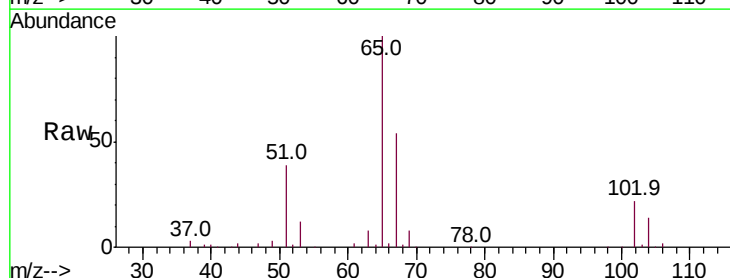
Acq: 22 May 2019 20:17

Tgt Ion: 65 Resp: 110843

Ion Ratio Lower Upper

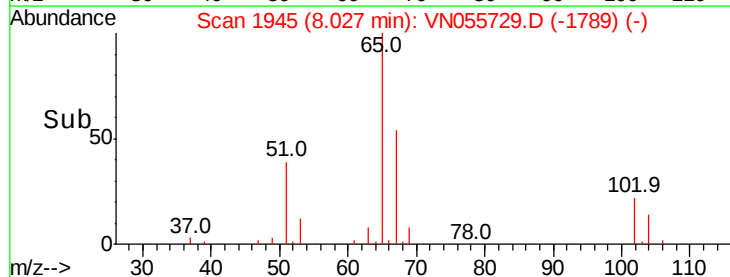
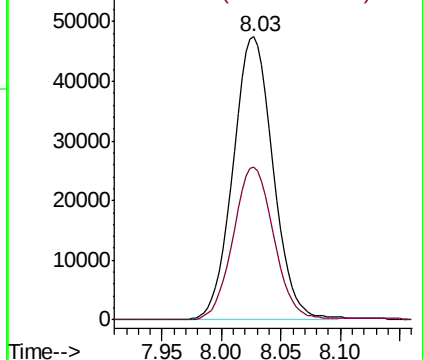
65 100

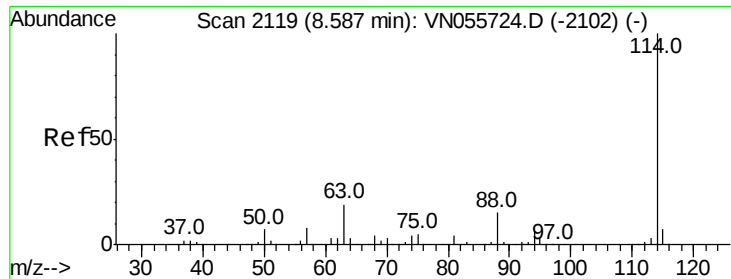
67 54.7 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

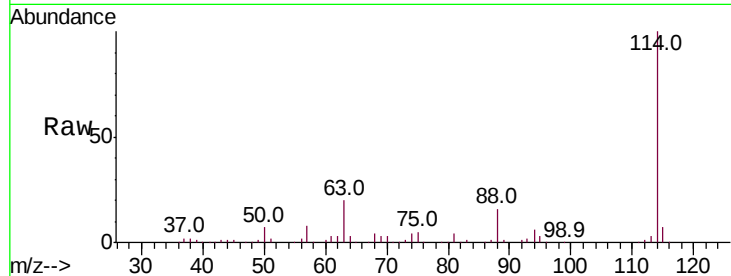




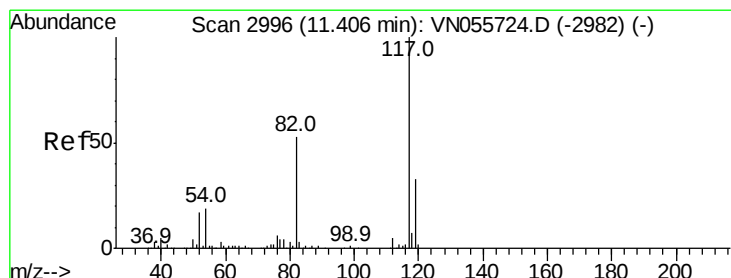
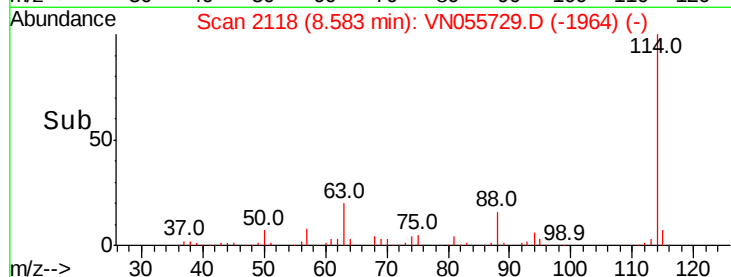
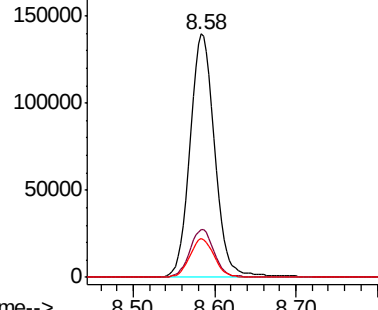
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055729.D
 Acq: 22 May 2019 20:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	15.6	23.4
88	15.7	12.3	18.5

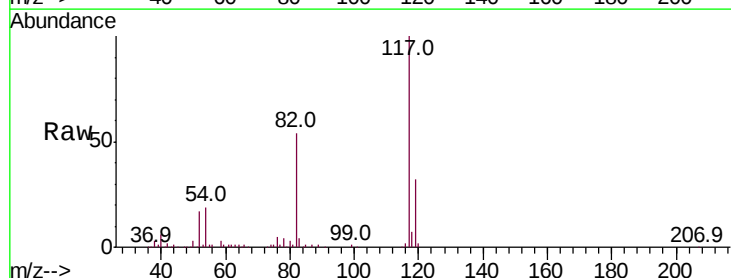


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

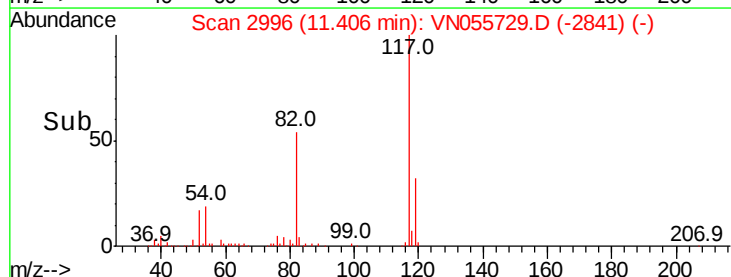
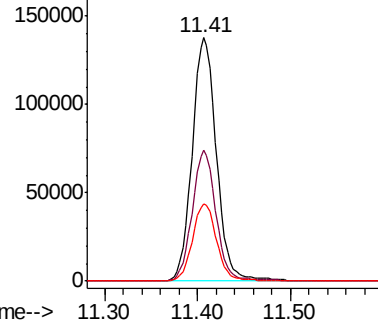


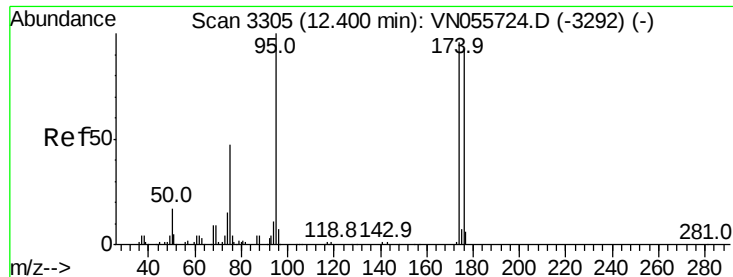
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN055729.D
 Acq: 22 May 2019 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	31.8	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





#60

4-Bromofluorobenzene

Concen: 24.439 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055729.D

Acq: 22 May 2019 20:17

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBL01

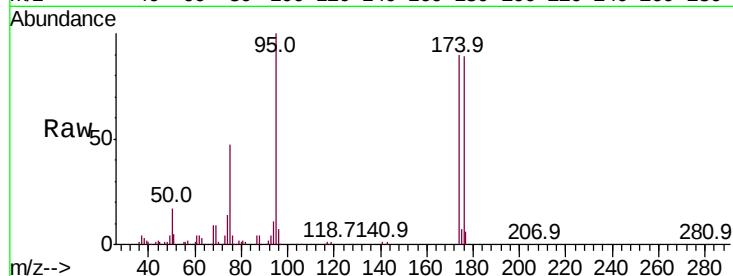
Tot Ion: 95 Resp: 95112

Ion Ratio Lower Upper

95 100

174 90.0 75.7 113.5

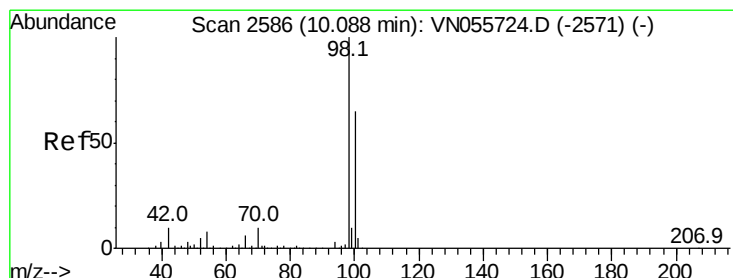
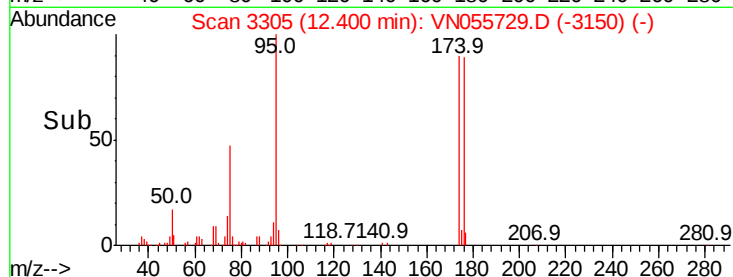
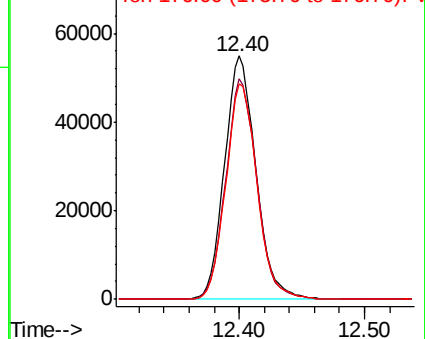
176 88.4 74.1 111.1



Abundance Ion 95.00 (94.70 to 95.70): VN055729.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN055729.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN055729.D (-3292) (-)



#63

Toluene-d8

Concen: 31.516 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055729.D

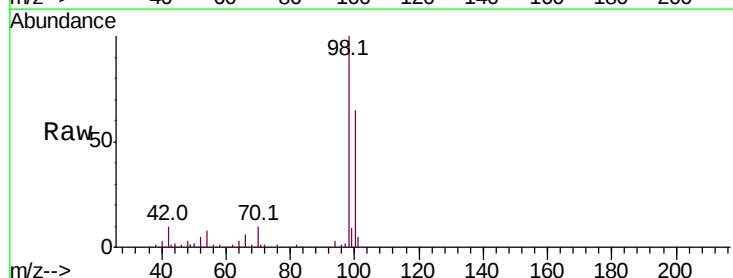
Acq: 22 May 2019 20:17

Tgt Ion: 98 Resp: 360323

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN055729.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN055729.D (-2571) (-)

