

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058675.D
 Acq On : 10 Oct 2019 19:40
 Operator : JC/SP
 Sample : VN1011WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

Quant Time: Oct 11 08:48:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	72904	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	399803	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	354482	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	190490	30.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.63%
60) 4-Bromofluorobenzene	12.41	95	166800	26.90	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.67%
63) Toluene-d8	10.08	98	496563	29.67	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.90%

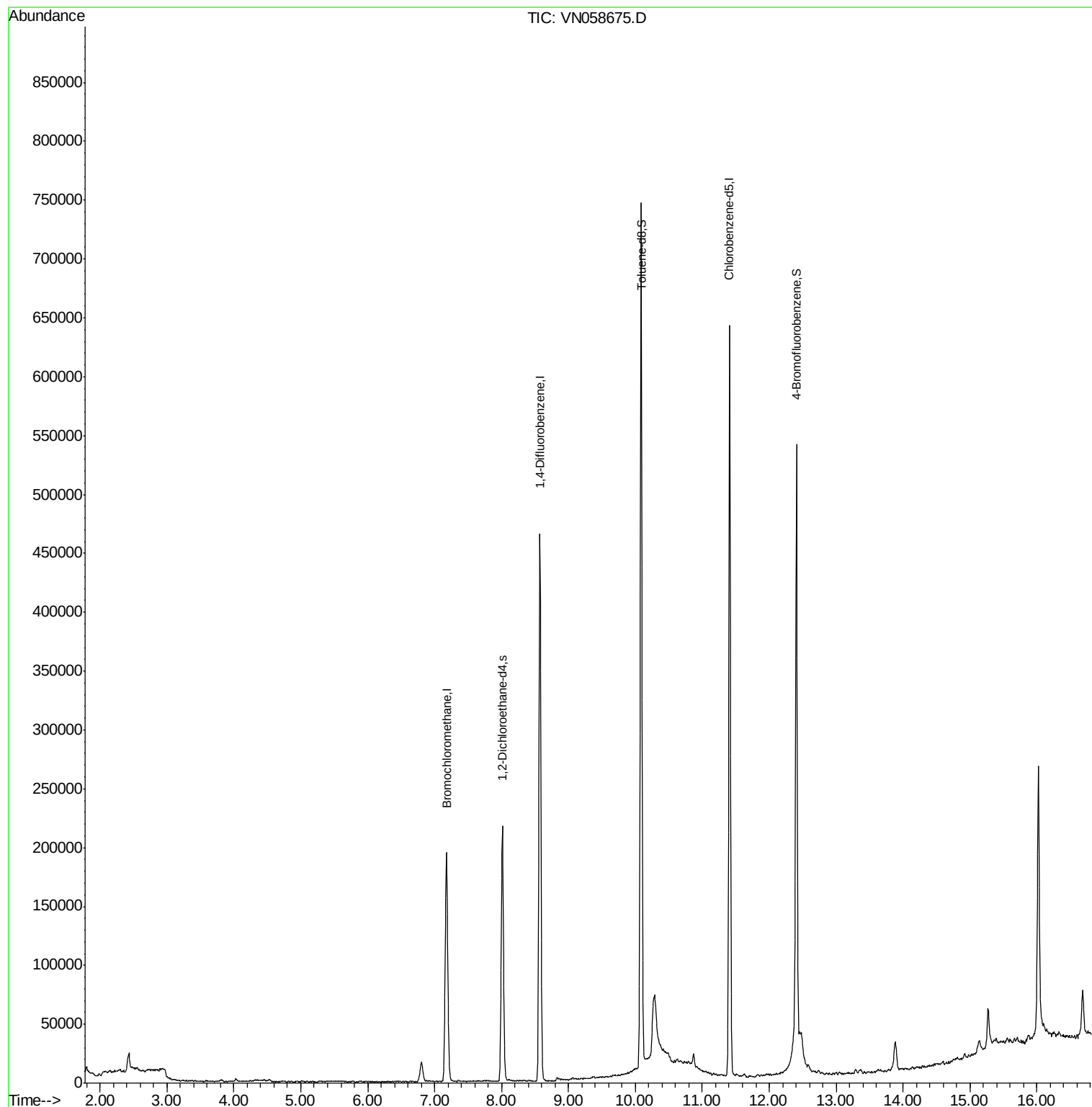
Target Compounds	Ovalue

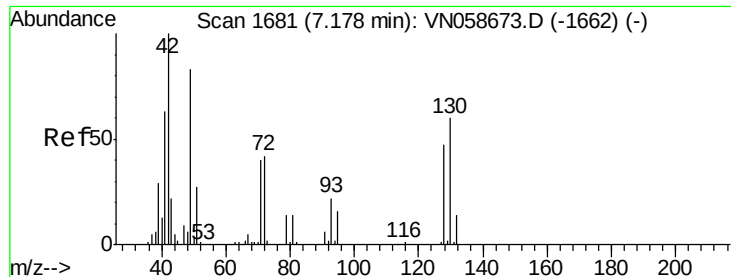
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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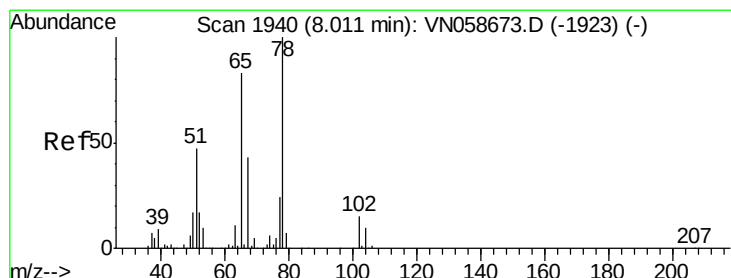
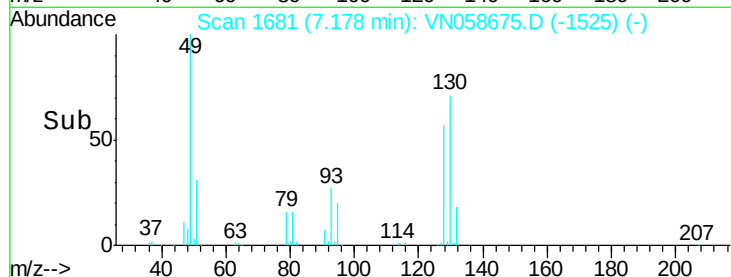
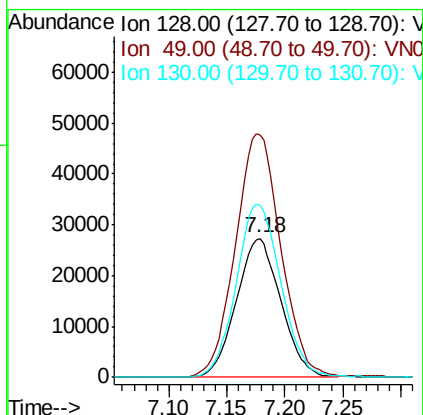
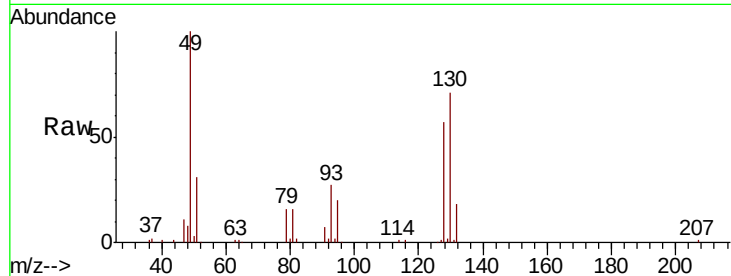




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

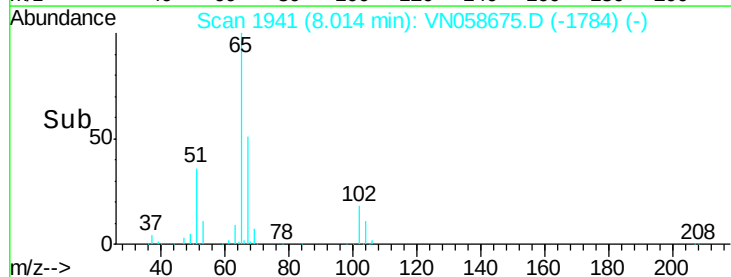
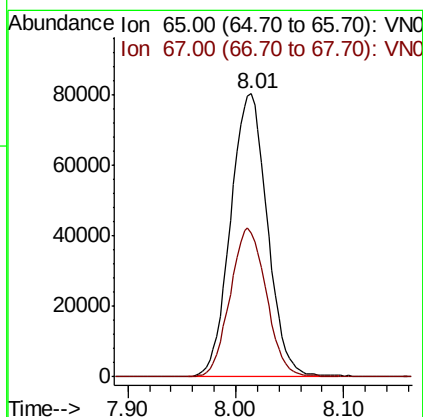
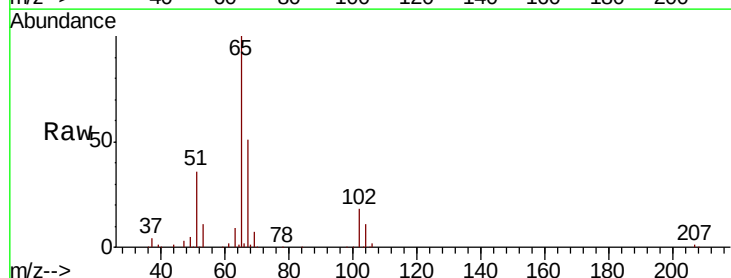
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

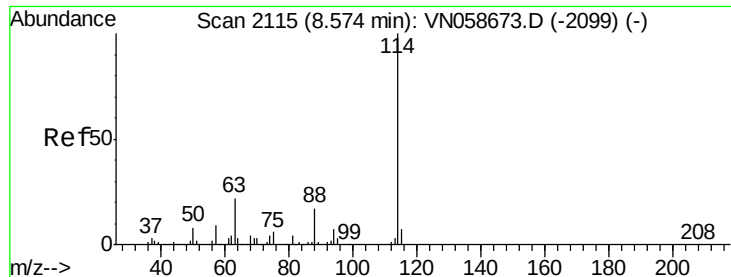
Tot Ion:128 Resp: 72904
 Ion Ratio Lower Upper
 128 100
 49 179.0 0.0 453.5
 130 125.6 0.0 314.2



#27
 1,2-Dichloroethane-d4
 Concen: 30.786 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

Tgt Ion: 65 Resp: 190490
 Ion Ratio Lower Upper
 65 100
 67 51.6 41.5 62.3

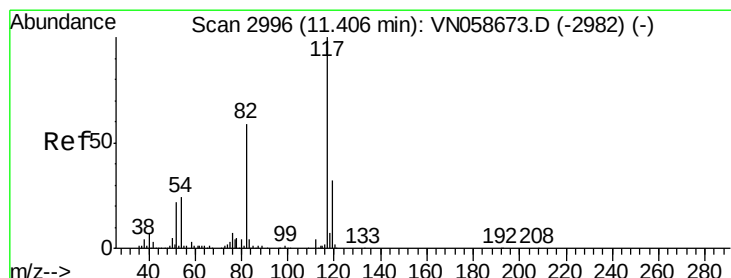
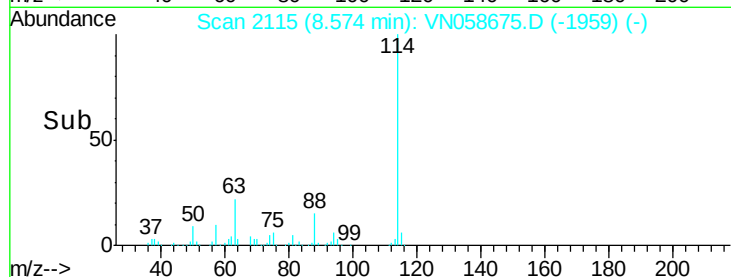
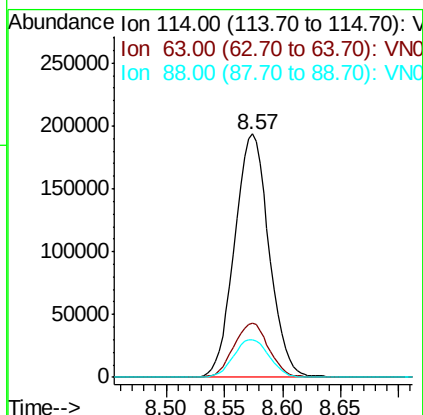
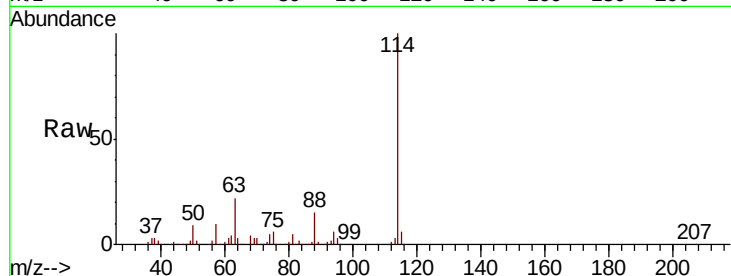




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

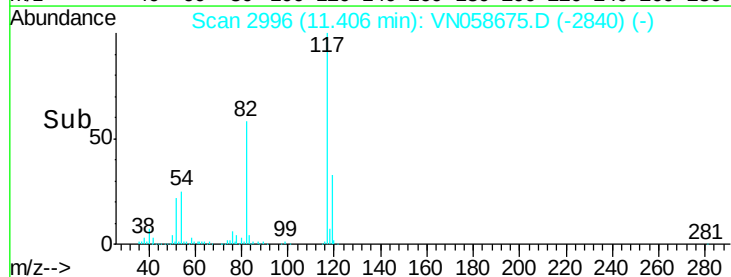
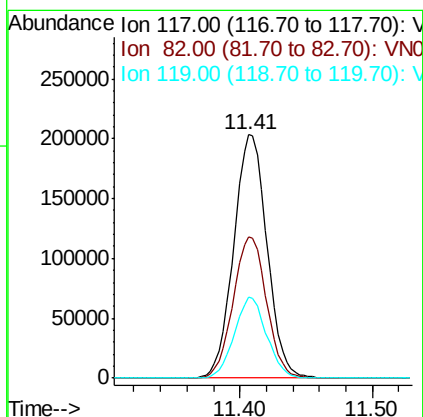
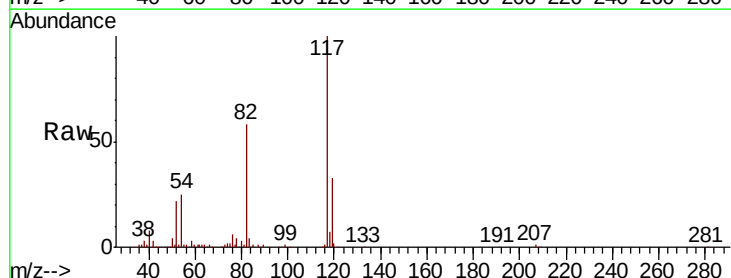
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBL01

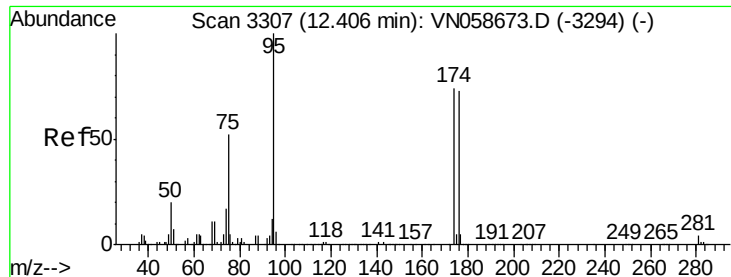
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	18.1	27.1
88	16.1	13.0	19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN058675.D
 Acq: 10 Oct 2019 19:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.9	70.3
119	32.2	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 26.900 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN058675.D

Acq: 10 Oct 2019 19:40

Instrument :

MSVOA_N

ClientSampled :

VN1011WBL01

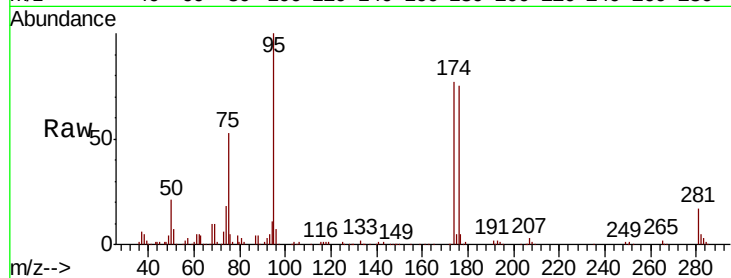
Tot Ion: 95 Resp: 166800

Ion Ratio Lower Upper

95 100

174 76.0 59.9 89.9

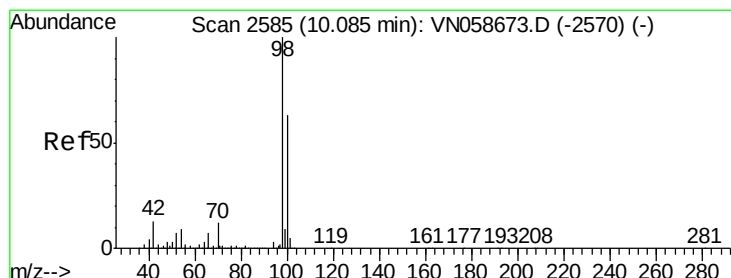
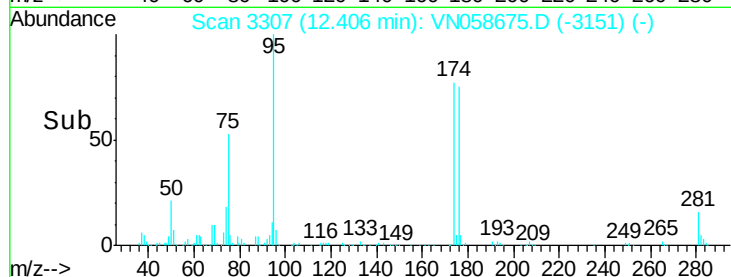
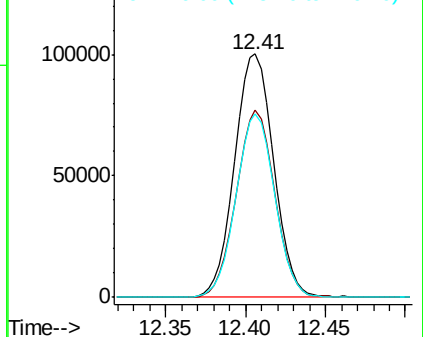
176 74.7 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): VN058675.D (-3294) (-)

Ion 174.00 (173.70 to 174.70): VN058675.D (-3294) (-)

Ion 176.00 (175.70 to 176.70): VN058675.D (-3294) (-)



#63

Toluene-d8

Concen: 29.668 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058675.D

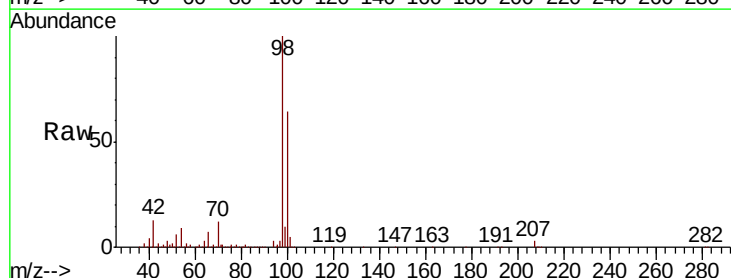
Acq: 10 Oct 2019 19:40

Tgt Ion: 98 Resp: 496563

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN058675.D (-2429) (-)

Ion 100.00 (99.70 to 100.70): VN058675.D (-2429) (-)

