

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064196.D
 Acq On : 20 Oct 2020 15:25
 Operator : JC/MD
 Sample : VN1020WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBL01

Quant Time: Oct 21 04:58:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	39818	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	228185	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	197943	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.98	65	103810	31.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.13%
60) 4-Bromofluorobenzene	12.37	95	99792	28.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.77%
63) Toluene-d8	10.06	98	266390	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

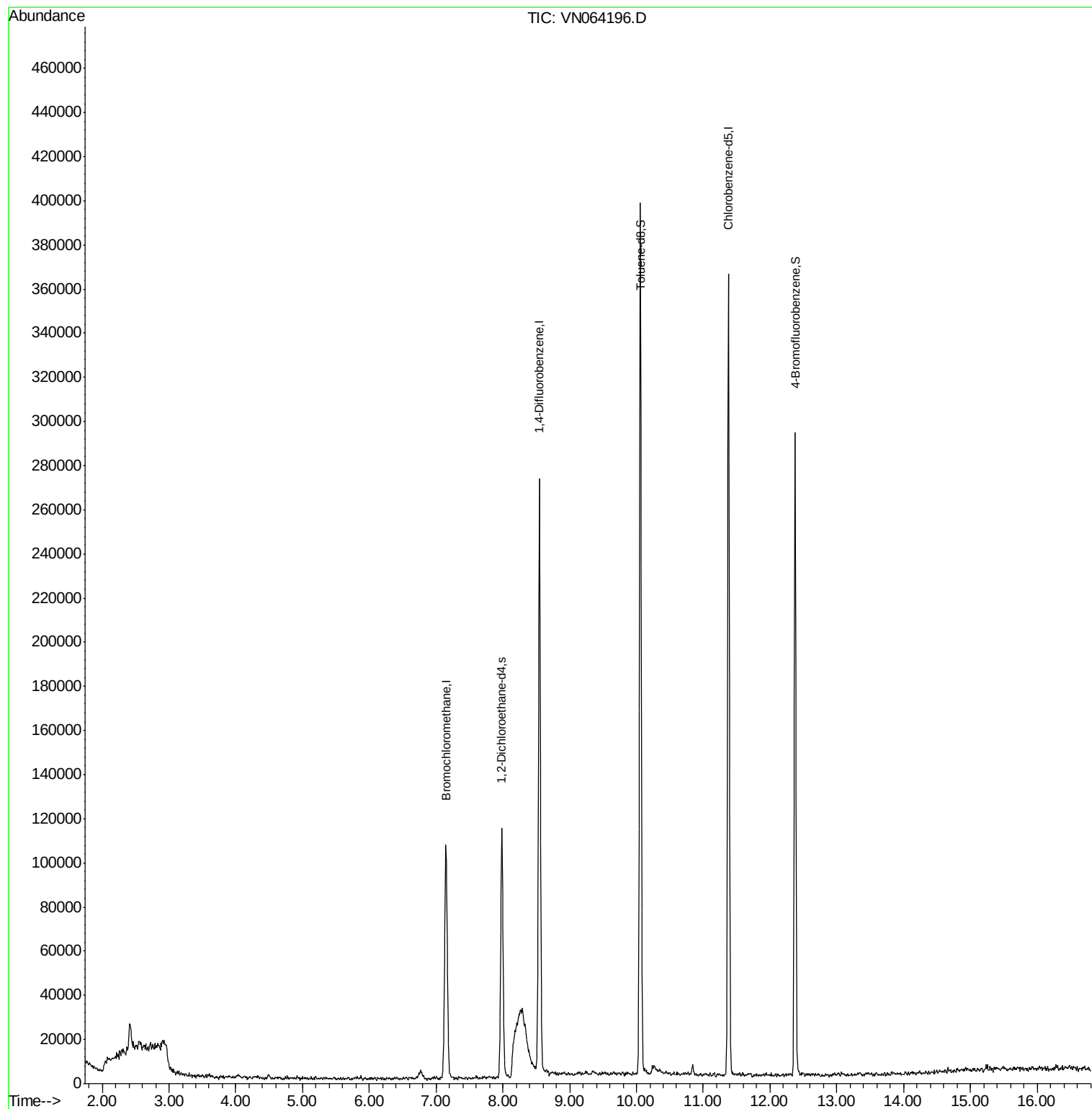
Target Compounds	Ovalue

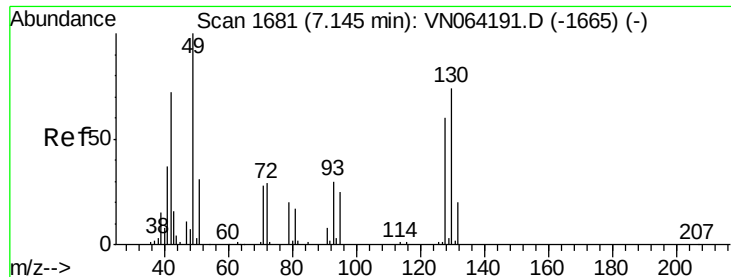
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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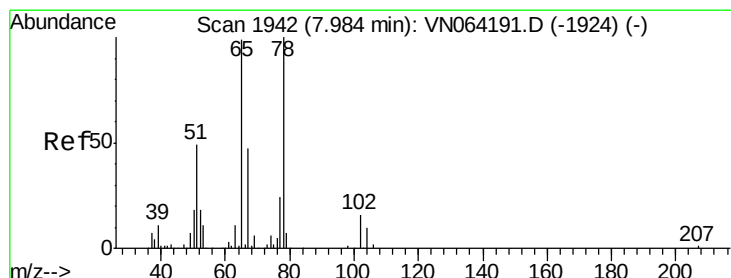
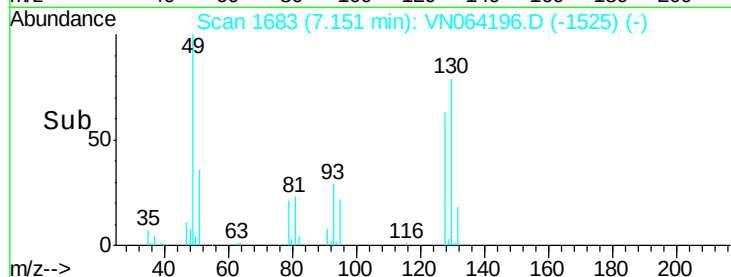
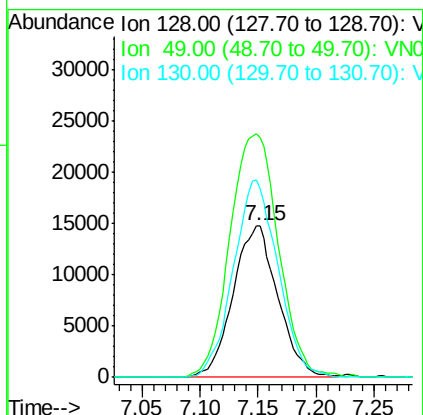
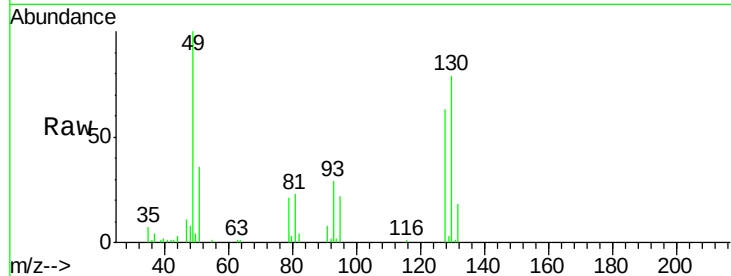




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN064196.D
Acq: 20 Oct 2020 15:25

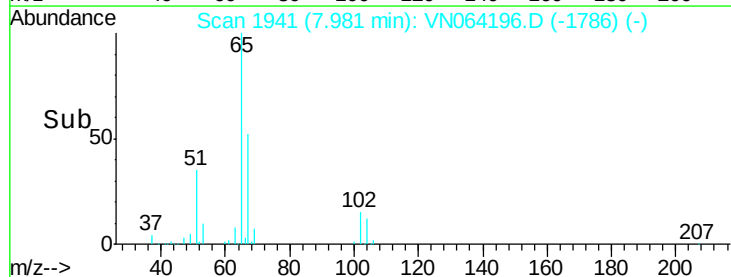
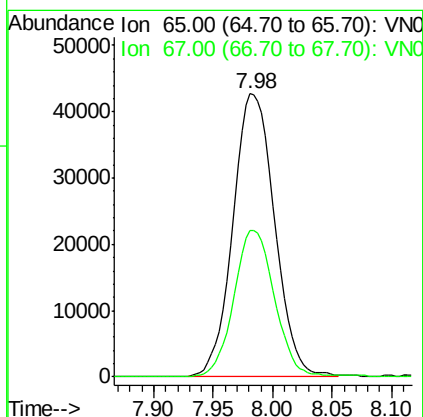
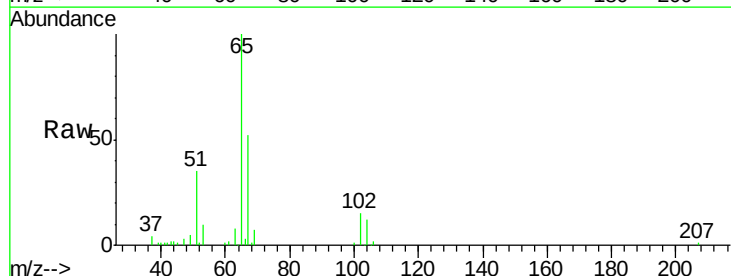
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBL01

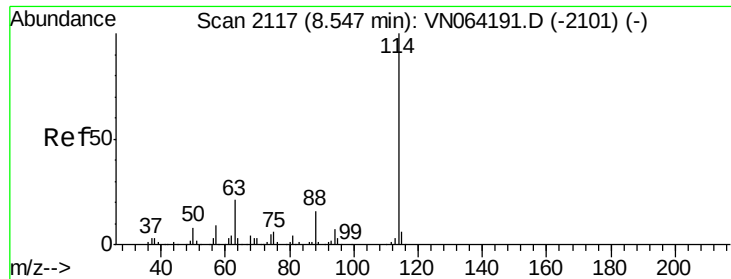
Tot Ion:128 Resp: 39818
Ion Ratio Lower Upper
128 100
49 174.4 0.0 433.3
130 129.5 0.0 322.5



#27
1,2-Dichloroethane-d4
Concen: 31.843 ug/l
RT: 7.98 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN064196.D
Acq: 20 Oct 2020 15:25

Tgt Ion: 65 Resp: 103810
Ion Ratio Lower Upper
65 100
67 50.4 39.8 59.6

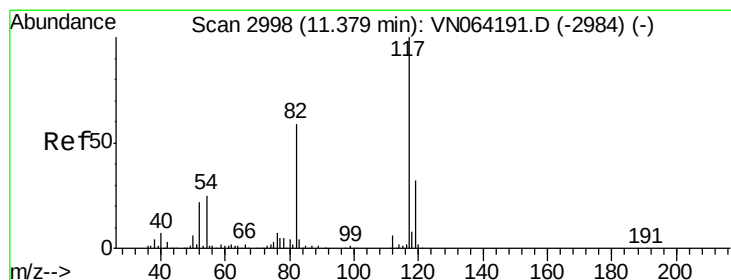
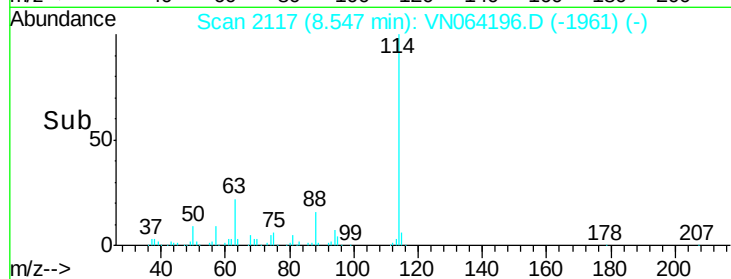
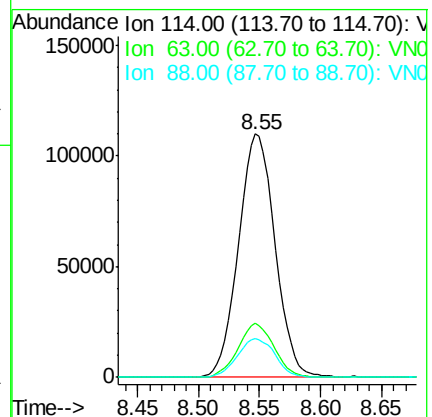
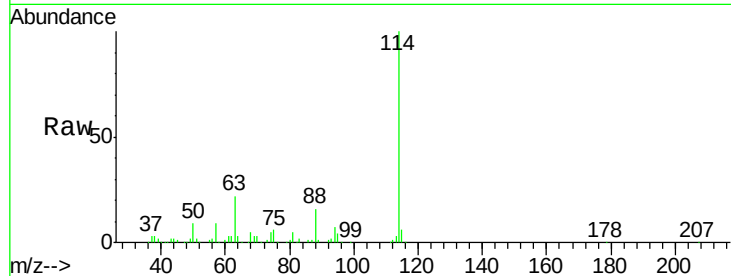




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064196.D
 Acq: 20 Oct 2020 15:25

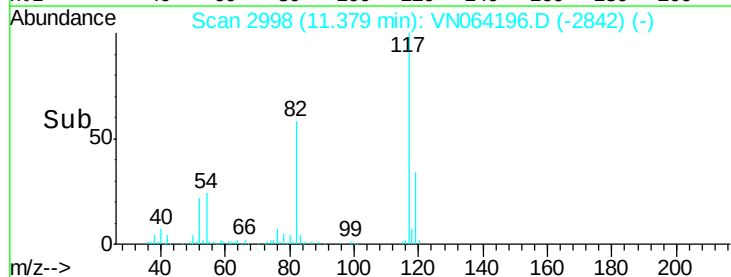
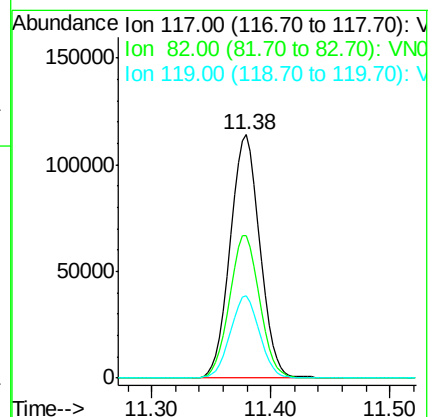
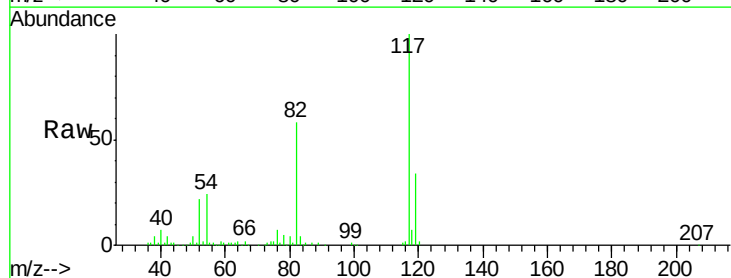
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBL01

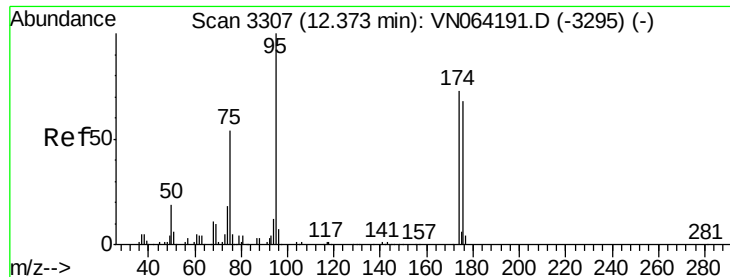
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	17.0	25.4
88	16.4	13.0	19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. -0.00 min
 Lab File: VN064196.D
 Acq: 20 Oct 2020 15:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.8
119	33.2	25.7	38.5





#60

4-Bromofluorobenzene

Concen: 28.132 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064196.D

Acq: 20 Oct 2020 15:25

Instrument :

MSVOA_N

ClientSampled :

VN1020WBL01

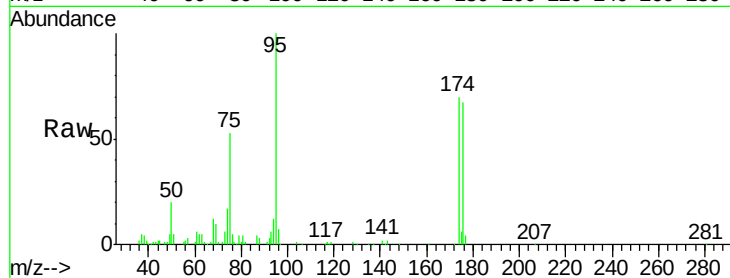
Tot Ion: 95 Resp: 99792

Ion Ratio Lower Upper

95 100

174 72.8 57.6 86.4

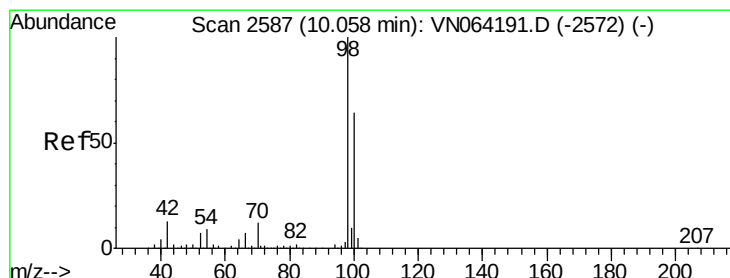
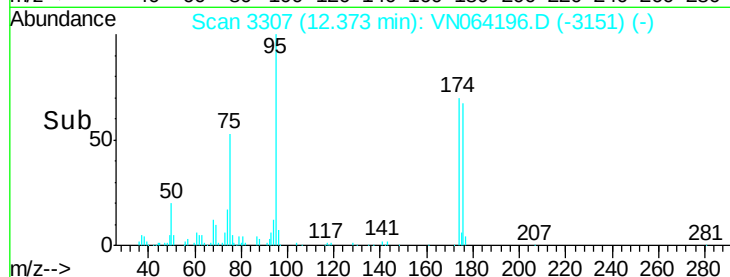
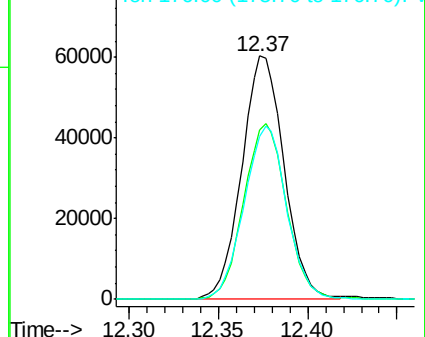
176 71.5 54.9 82.3



Abundance Ion 95.00 (94.70 to 95.70): VN064196.D (-3295) (-)

Ion 174.00 (173.70 to 174.70): VN064196.D (-3295) (-)

Ion 176.00 (175.70 to 176.70): VN064196.D (-3295) (-)



#63

Toluene-d8

Concen: 29.726 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064196.D

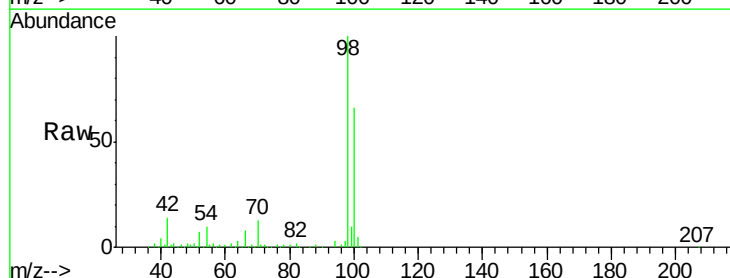
Acq: 20 Oct 2020 15:25

Tgt Ion: 98 Resp: 266390

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN064196.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064196.D (-2572) (-)

