

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052879.D
 Acq On : 14 Dec 2018 10:49
 Operator : MD\SY
 Sample : J6399-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Dec 14 11:10:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	155572	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	900292	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	767573	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	312049	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	12.40	95	328618	28.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.33%
63) Toluene-d8	10.09	98	1033179	29.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.77%

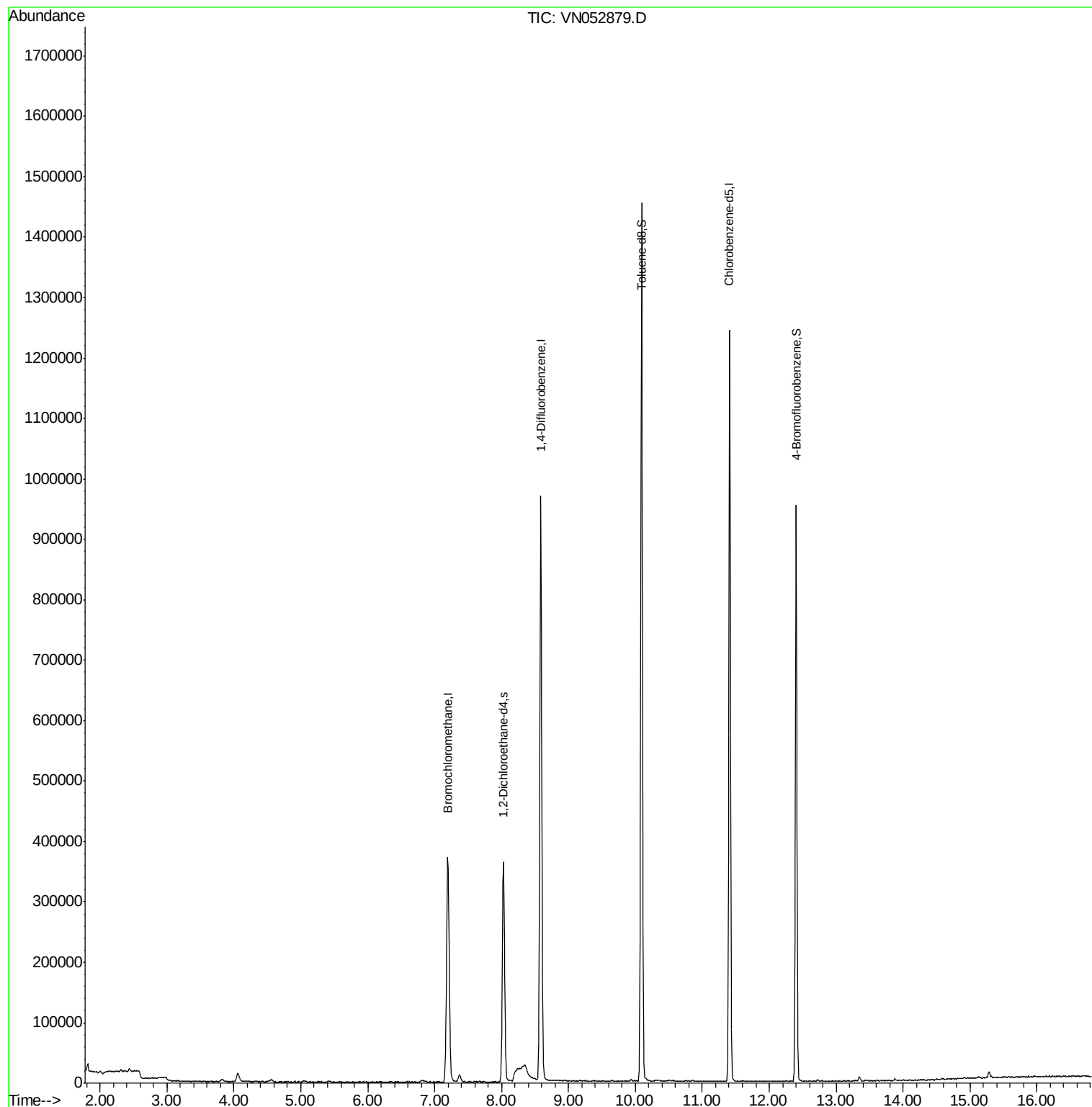
Target Compounds	Ovalue

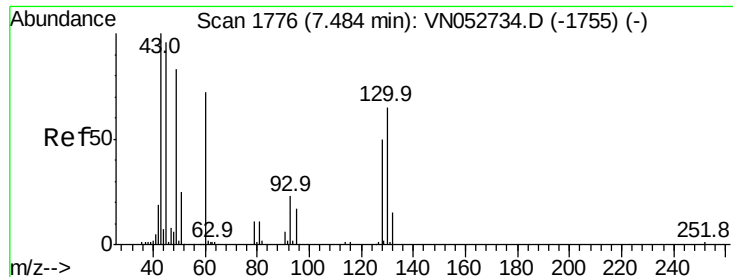
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052879.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

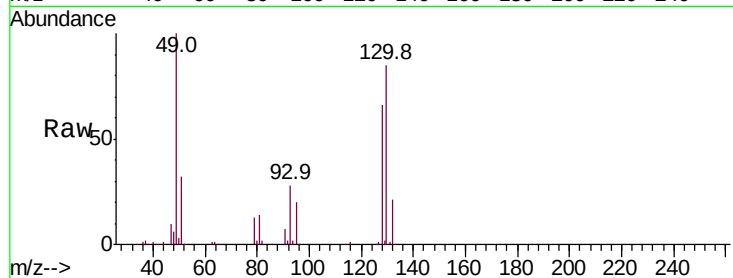
Tot Ion:128 Resp: 155572

Ion Ratio Lower Upper

128 100

49 155.2 0.0 431.8

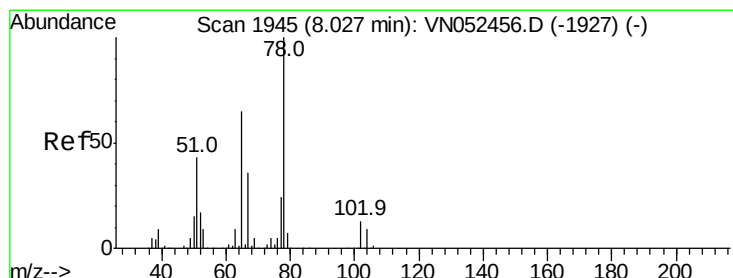
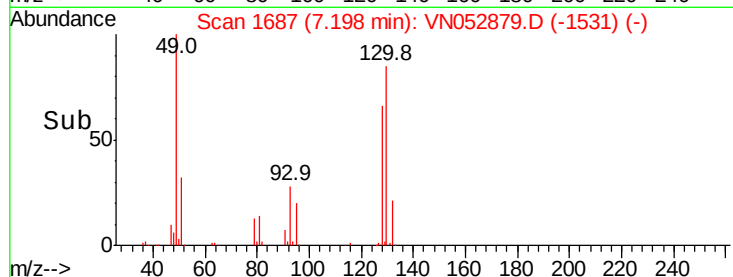
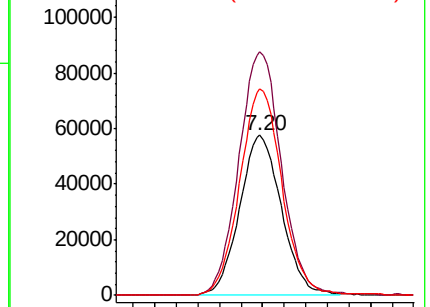
130 129.8 0.0 317.0



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052879.D

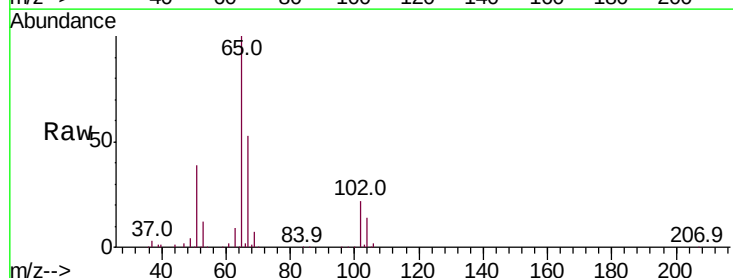
Acq: 14 Dec 2018 10:49

Tgt Ion: 65 Resp: 312049

Ion Ratio Lower Upper

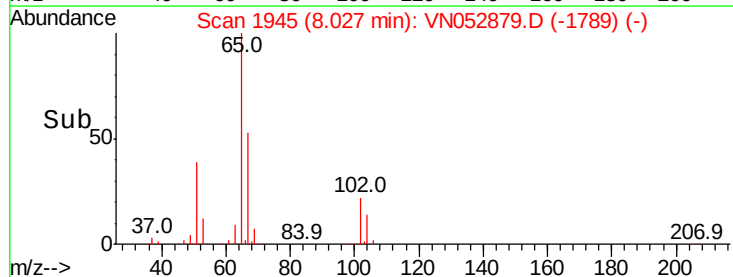
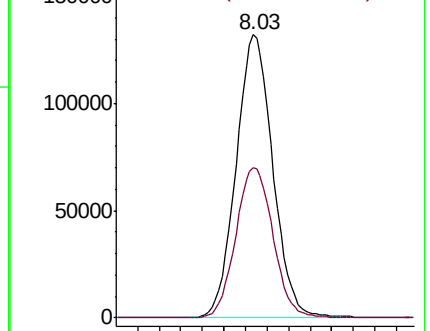
65 100

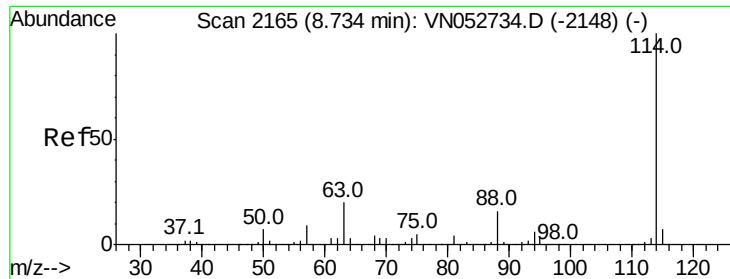
67 54.2 44.6 66.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

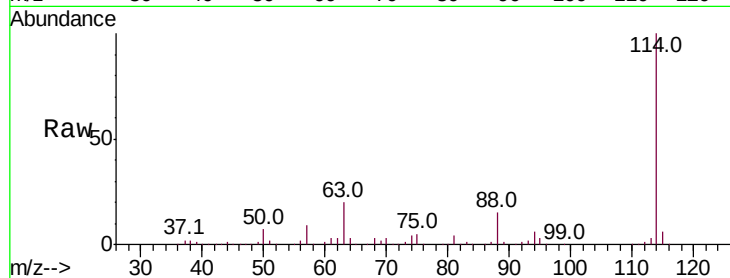




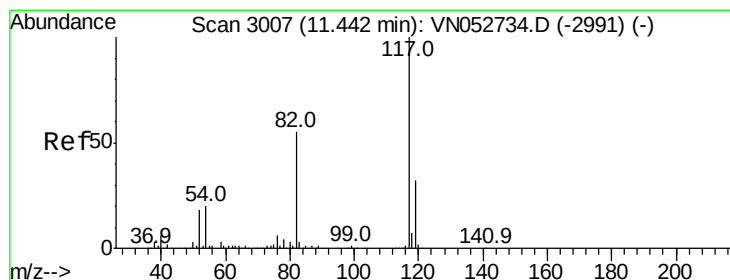
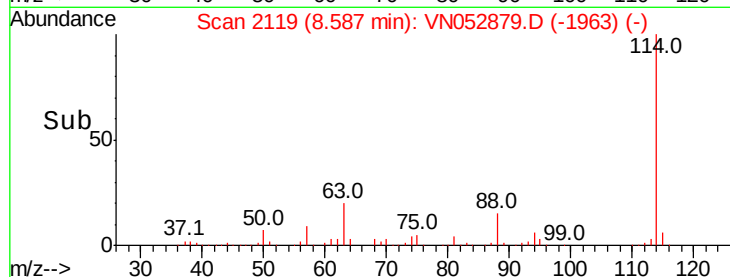
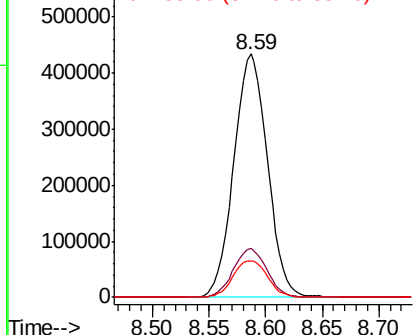
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052879.D
 Acq: 14 Dec 2018 10:49

Instrument :
 MSVOA_N
 ClientSampled :
 SPDES-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.9	25.3
88	15.5	12.8	19.2

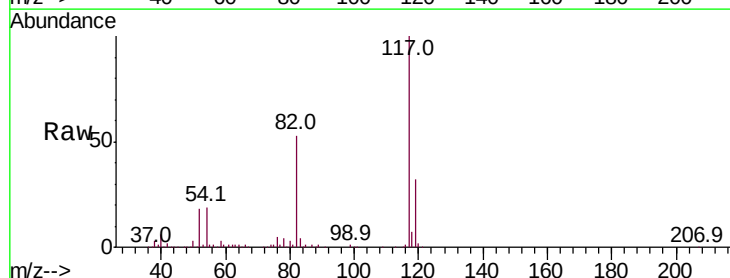


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

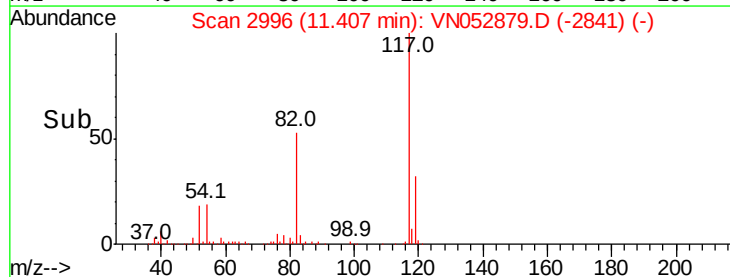
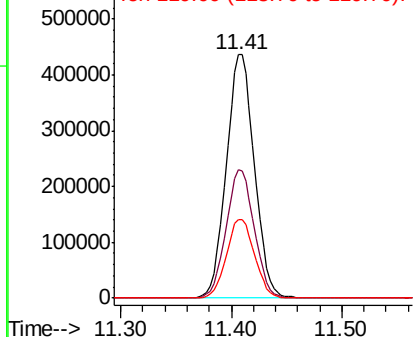


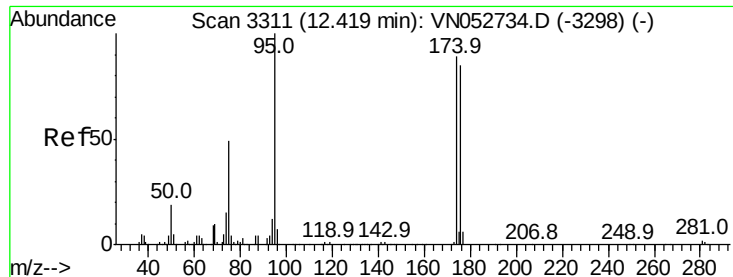
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN052879.D
 Acq: 14 Dec 2018 10:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.2	66.2
119	32.4	25.4	38.2



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: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052879.D

Acq: 14 Dec 2018 10:49

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

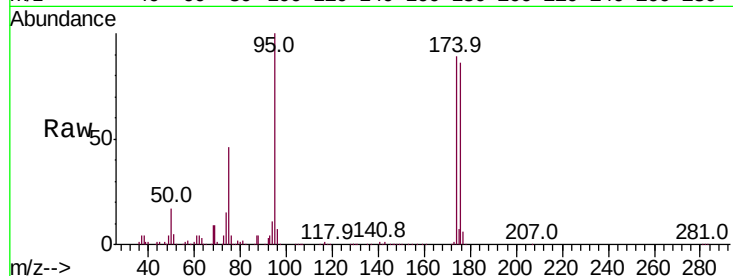
Tot Ion: 95 Resp: 328618

Ion Ratio Lower Upper

95 100

174 89.0 67.9 101.9

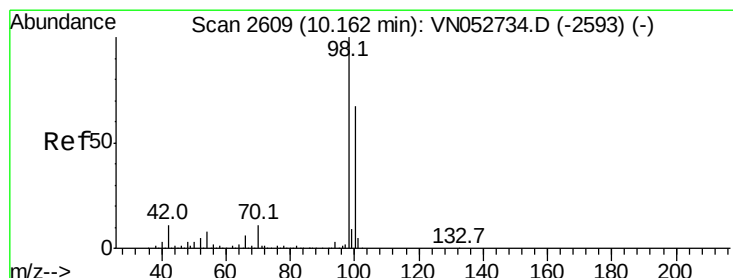
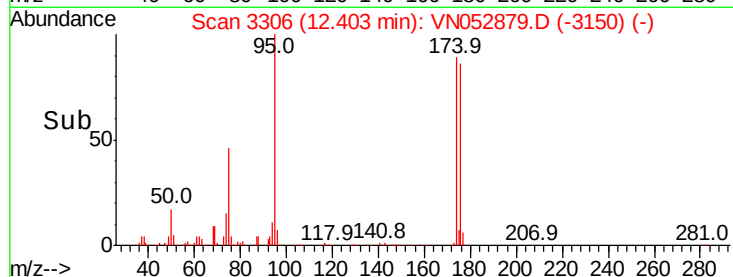
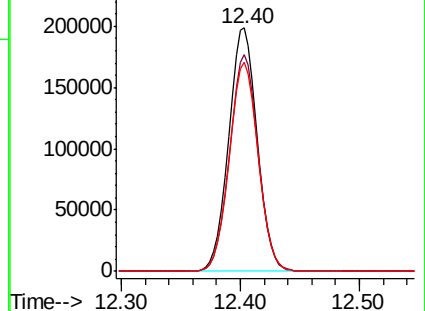
176 86.7 66.4 99.6



Abundance Ion 95.00 (94.70 to 95.70): VN052734.D (-3298) (-)

Ion 174.00 (173.70 to 174.70): VN052734.D (-3298) (-)

Ion 176.00 (175.70 to 176.70): VN052734.D (-3298) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052879.D

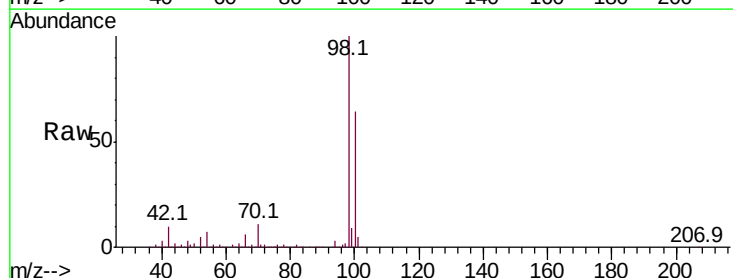
Acq: 14 Dec 2018 10:49

Tgt Ion: 98 Resp: 1033179

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN052734.D (-2593) (-)

Ion 100.00 (99.70 to 100.70): VN052734.D (-2593) (-)

