

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055258.D
 Acq On : 25 Apr 2019 22:13
 Operator : JC/SP
 Sample : K2573-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

Quant Time: Apr 26 12:27:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	68946	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	367069	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	288892	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	163516	30.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.17%
60) 4-Bromofluorobenzene	12.40	95	93323	21.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.13%
63) Toluene-d8	10.09	98	439178	32.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.67%

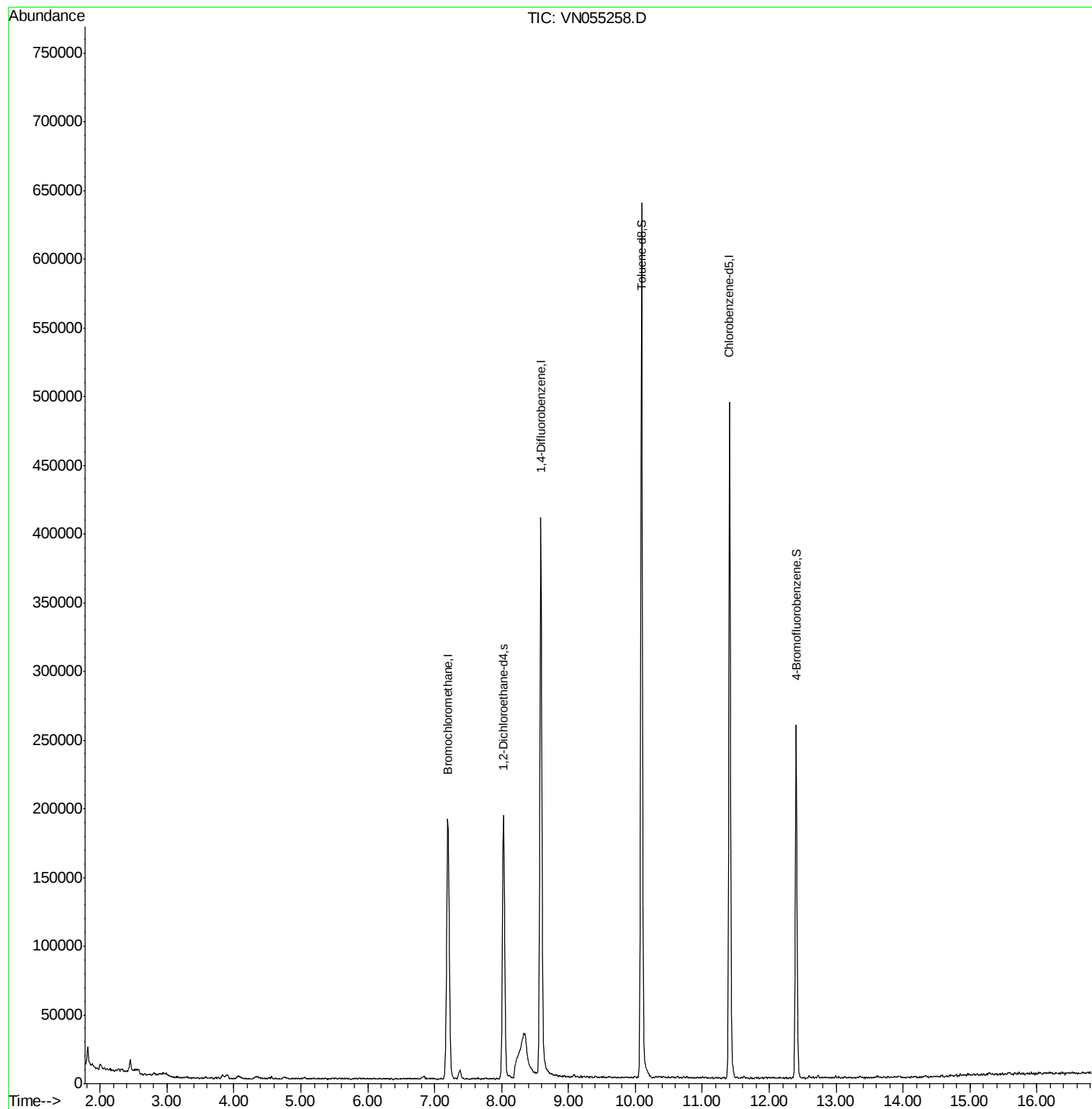
Target Compounds	Ovalue

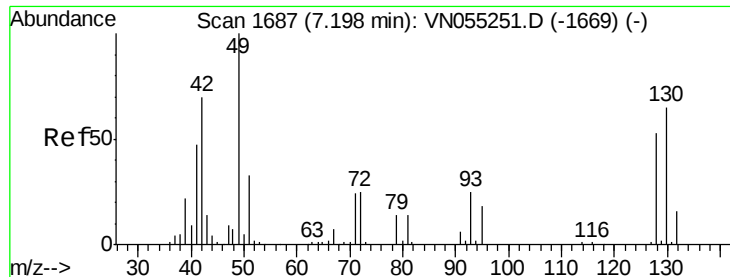
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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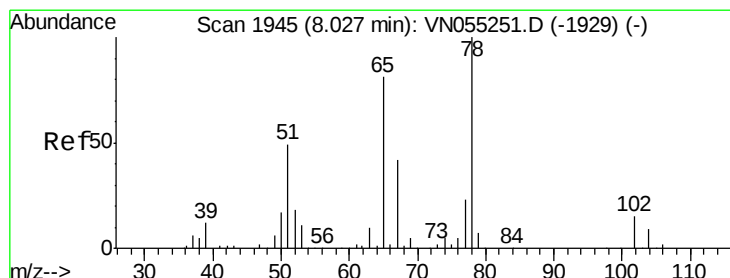
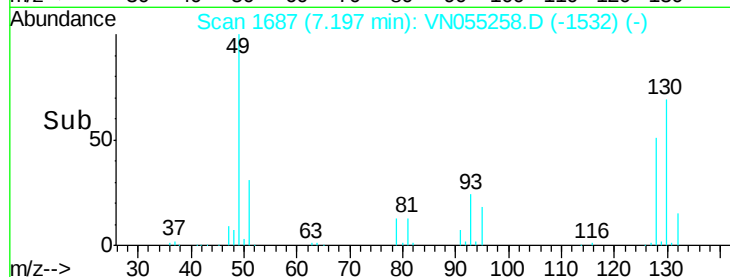
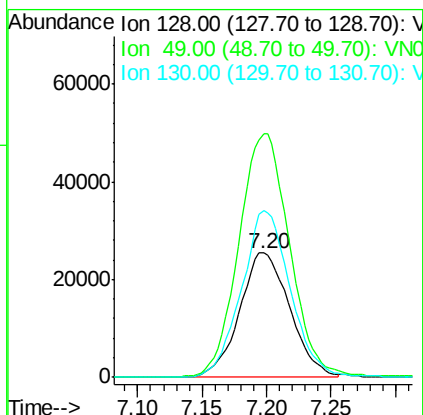
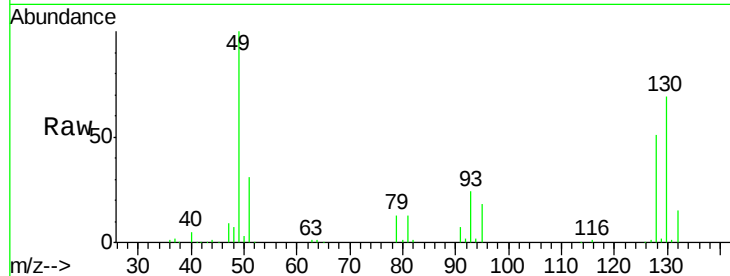




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN055258.D
 Acq: 25 Apr 2019 22:13

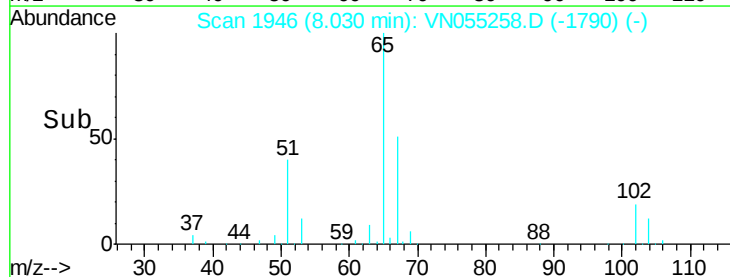
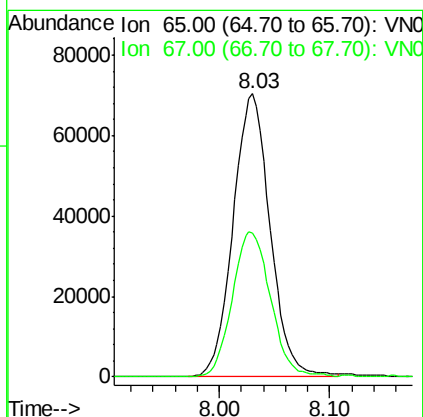
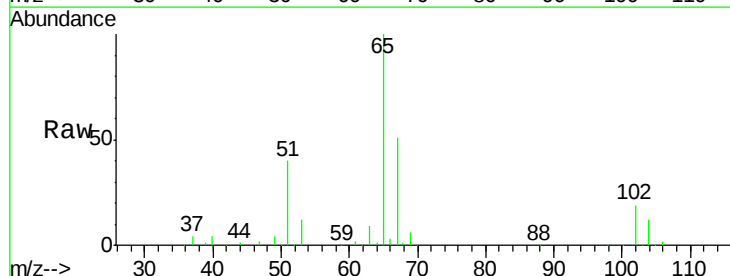
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

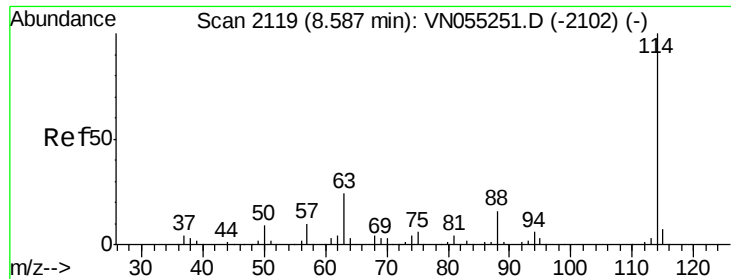
Tot Ion:128 Resp: 68946
 Ion Ratio Lower Upper
 128 100
 49 199.1 0.0 485.0
 130 130.3 0.0 324.7



#27
 1,2-Dichloroethane-d4
 Concen: 30.048 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055258.D
 Acq: 25 Apr 2019 22:13

Tgt Ion: 65 Resp: 163516
 Ion Ratio Lower Upper
 65 100
 67 52.7 41.9 62.9

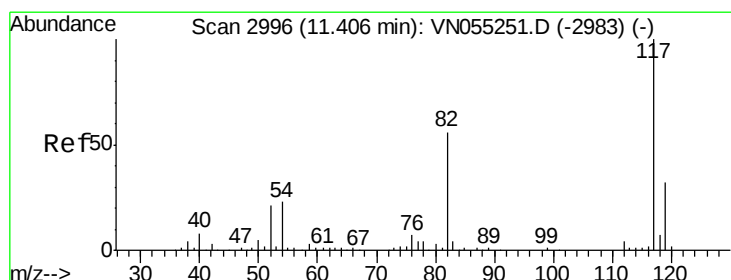
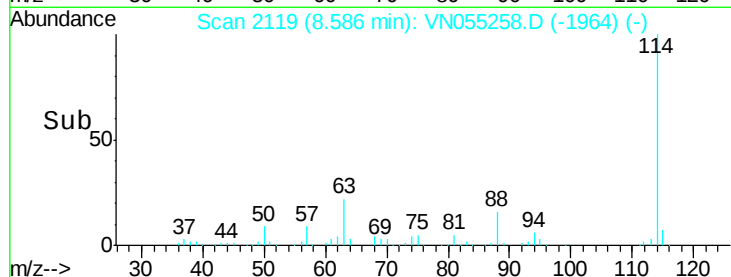
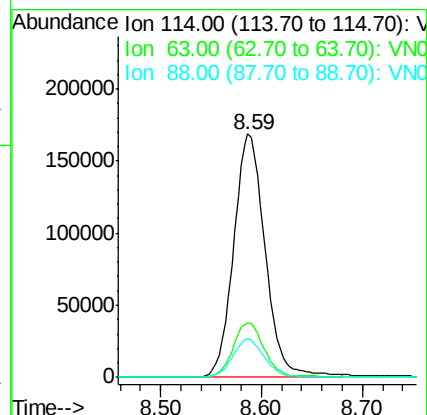
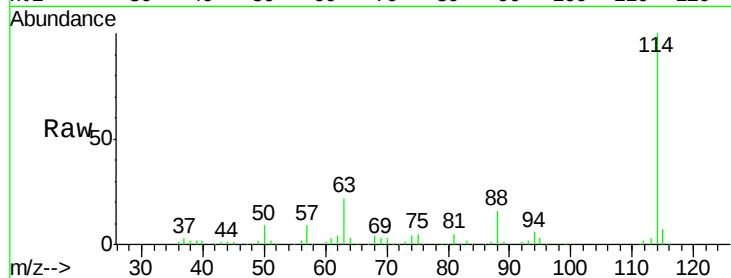




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055258.D
 Acq: 25 Apr 2019 22:13

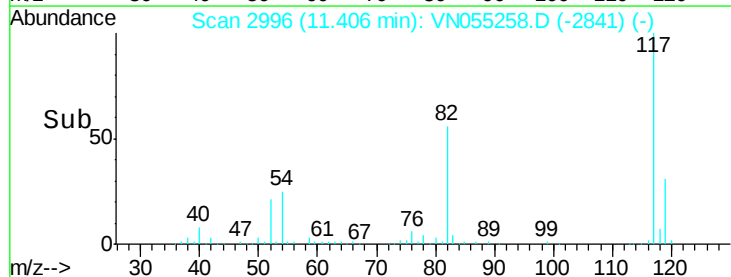
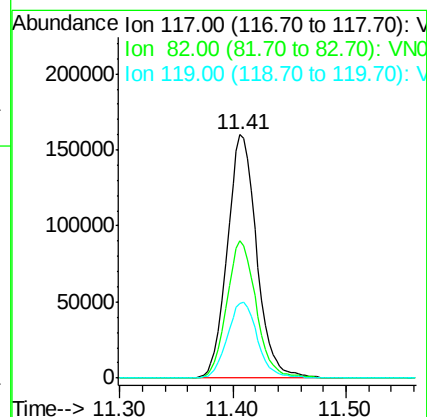
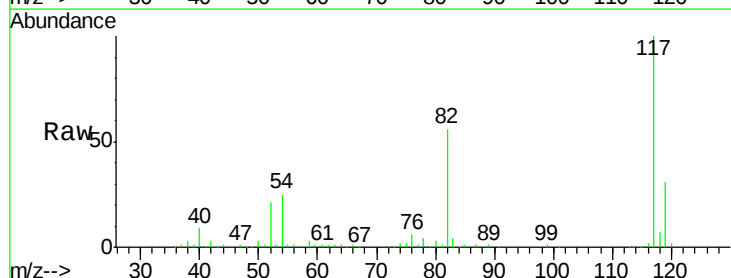
Instrument :
 MSVOA_N
 ClientSampleId :
 SPDES-1

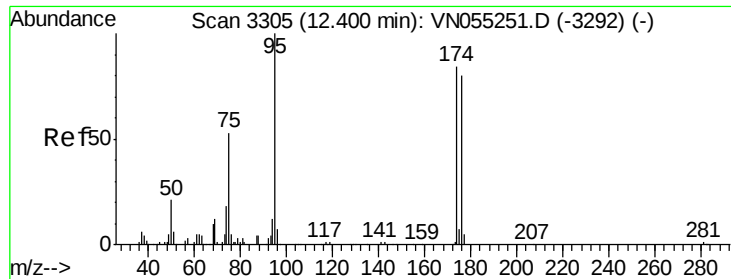
Tot Ion:114 Resp: 367069
 Ion Ratio Lower Upper
 114 100
 63 22.3 18.2 27.2
 88 15.8 12.6 18.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN055258.D
 Acq: 25 Apr 2019 22:13

Tgt Ion:117 Resp: 288892
 Ion Ratio Lower Upper
 117 100
 82 56.7 45.3 67.9
 119 32.2 25.4 38.0





#60

4-Bromofluorobenzene

Concen: 21.045 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055258.D

Acq: 25 Apr 2019 22:13

Instrument :

MSVOA_N

ClientSampleId :

SPDES-1

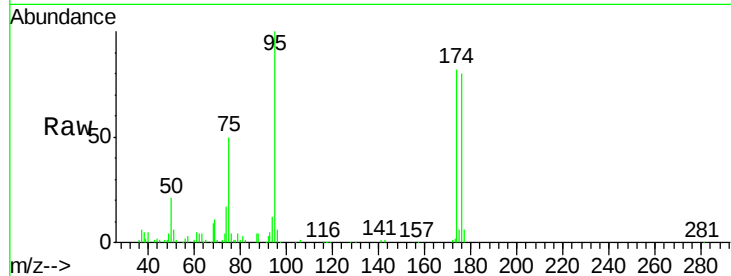
Tot Ion: 95 Resp: 93323

Ion Ratio Lower Upper

95 100

174 84.7 68.1 102.1

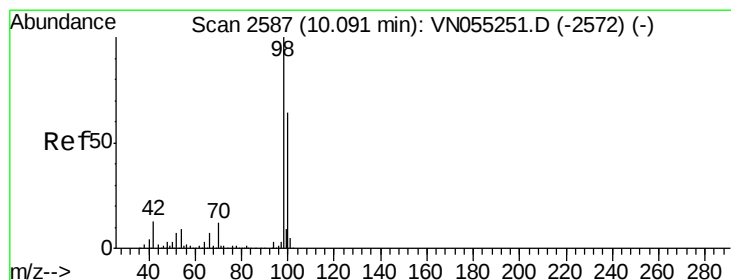
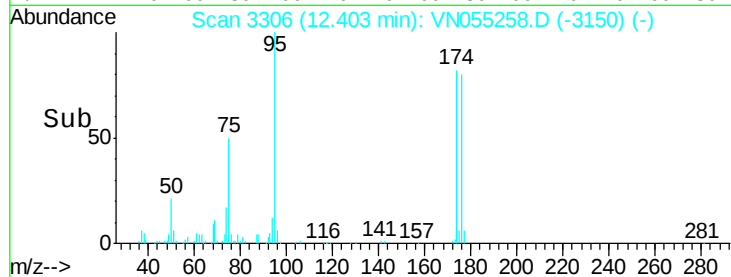
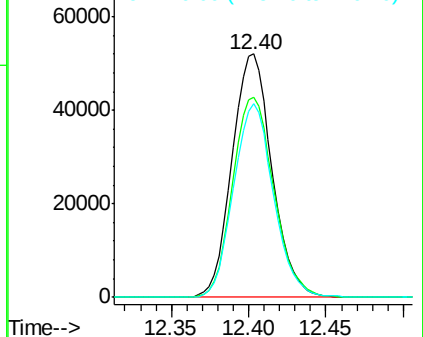
176 79.5 65.8 98.6



Abundance Ion 95.00 (94.70 to 95.70): VN055258.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN055258.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN055258.D (-3292) (-)



#63

Toluene-d8

Concen: 31.997 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055258.D

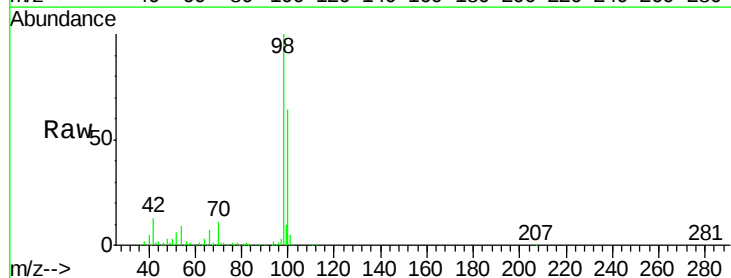
Acq: 25 Apr 2019 22:13

Tgt Ion: 98 Resp: 439178

Ion Ratio Lower Upper

98 100

100 64.2 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VN055258.D (-2432) (-)

Ion 100.00 (99.70 to 100.70): VN055258.D (-2432) (-)

