

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000231.D
 Acq On : 08 Mar 2018 20:10
 Operator : JC/MD
 Sample : J1847-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Mar 09 08:11:52 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	21168	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	125395	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	119026	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	52703	32.17	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.23%
60) 4-Bromofluorobenzene	11.15	95	54769	28.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.77%
63) Toluene-d8	8.73	98	154823	30.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.23%

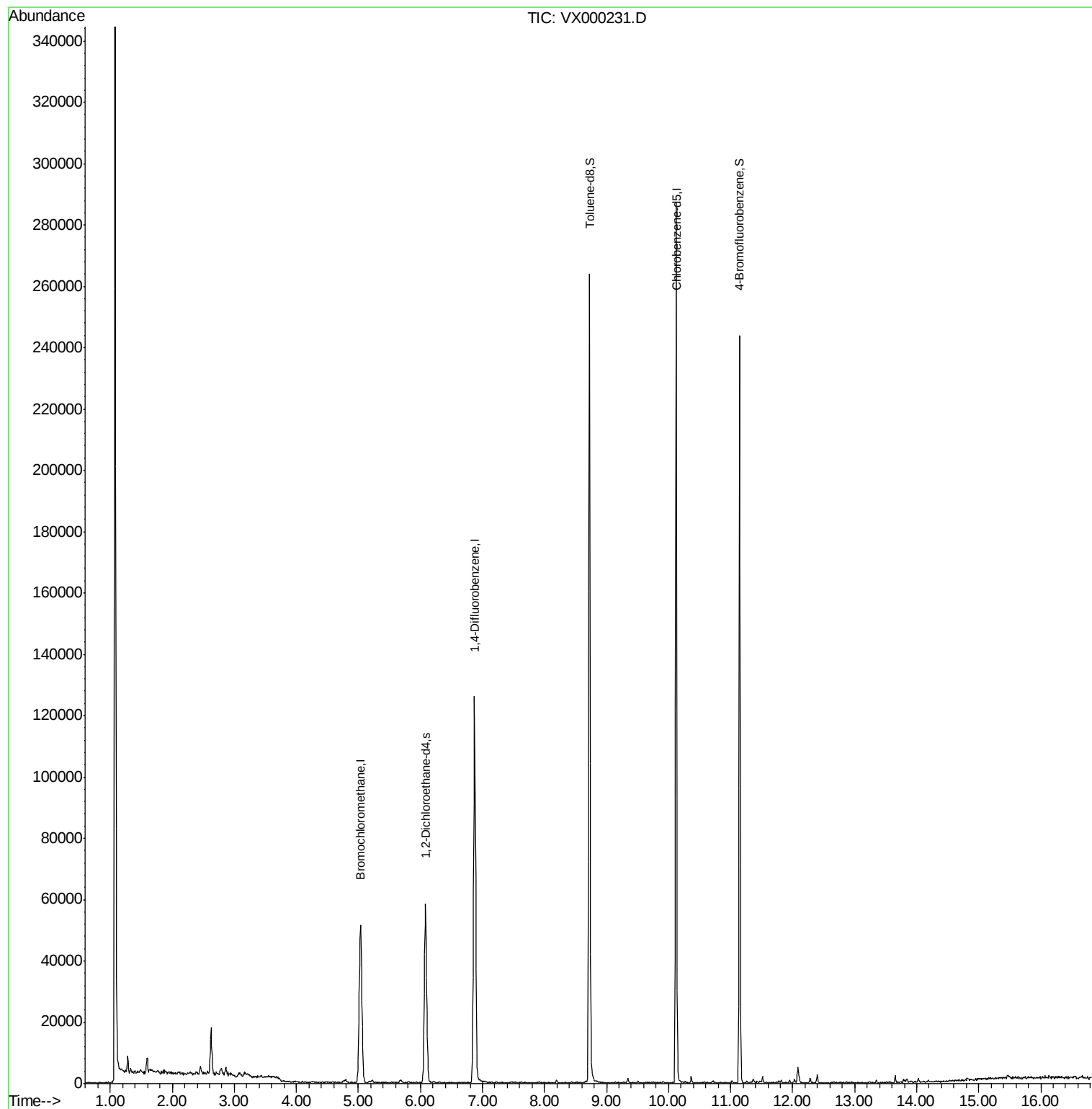
Target Compounds	Ovalue

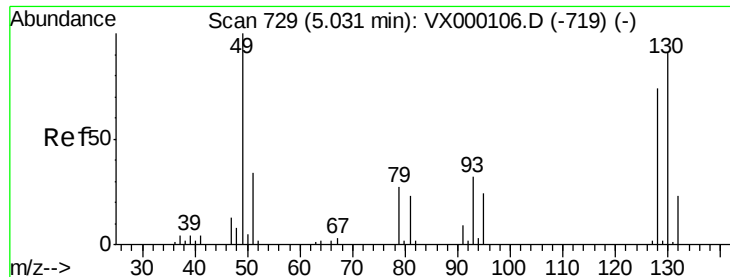
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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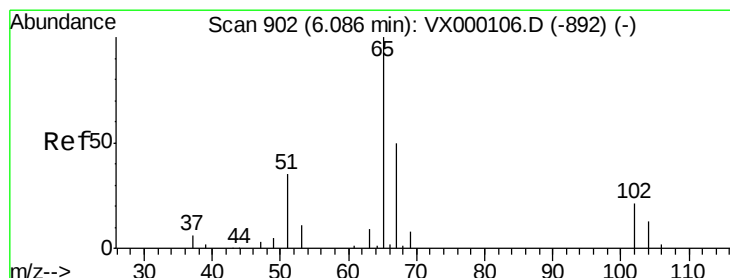
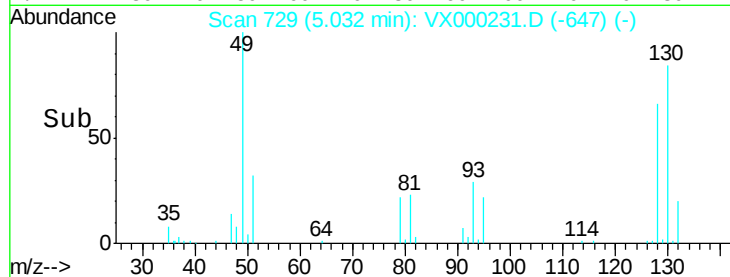
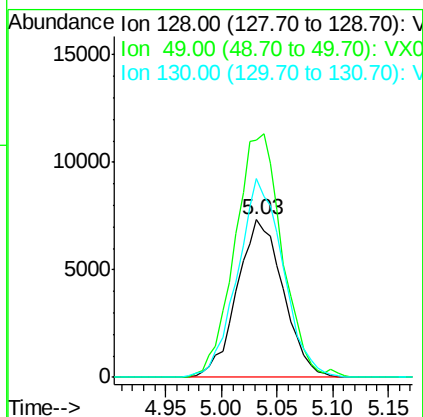
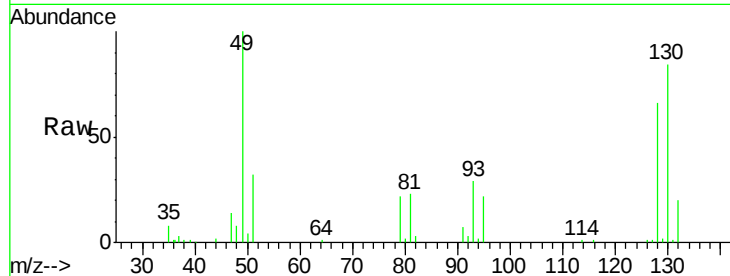




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000231.D
 Acq: 08 Mar 2018 20:10

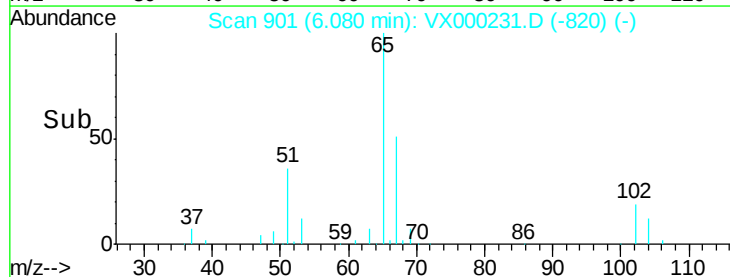
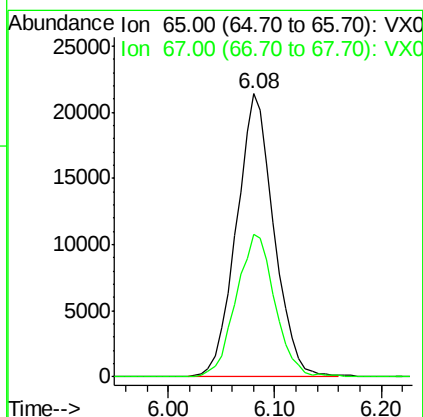
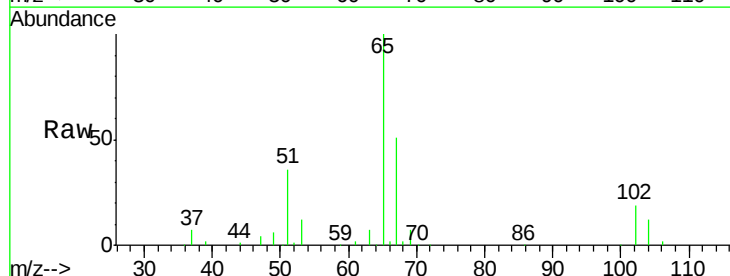
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

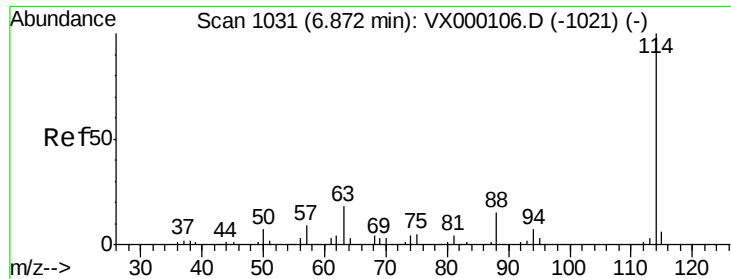
Tot Ion:128 Resp: 21168
 Ion Ratio Lower Upper
 128 100
 49 157.2 0.0 378.3
 130 124.0 0.0 324.3



#27
 1,2-Dichloroethane-d4
 Concen: 32.17 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000231.D
 Acq: 08 Mar 2018 20:10

Tgt Ion: 65 Resp: 52703
 Ion Ratio Lower Upper
 65 100
 67 51.9 41.4 62.2

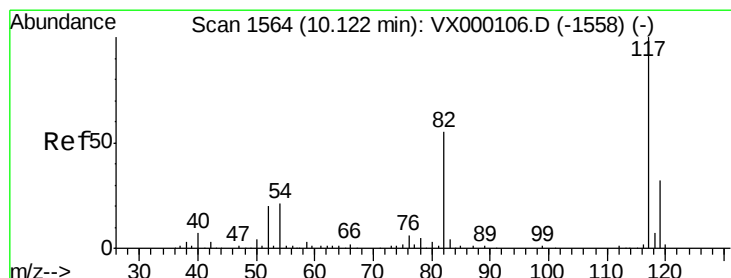
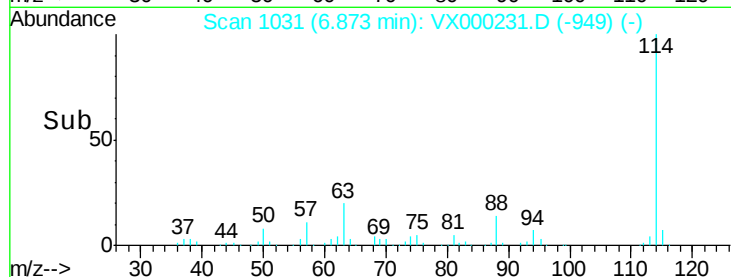
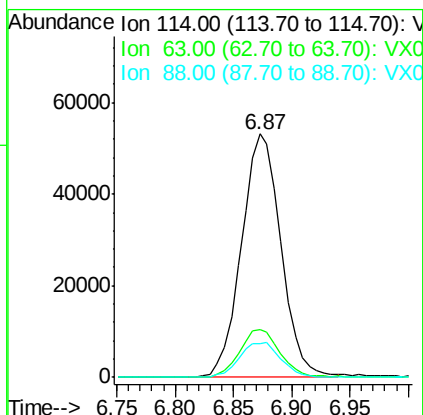
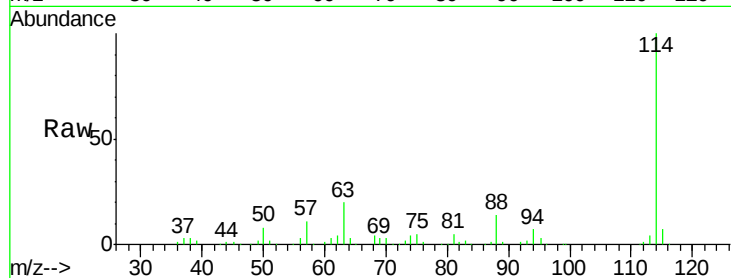




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000231.D
 Acq: 08 Mar 2018 20:10

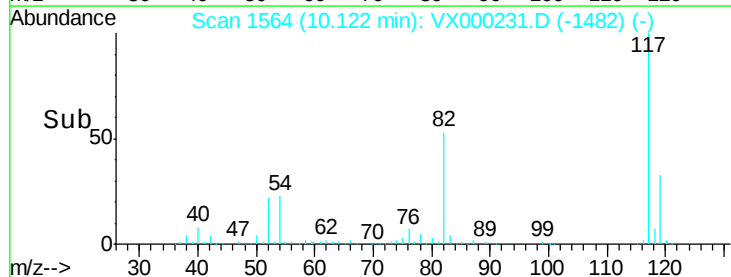
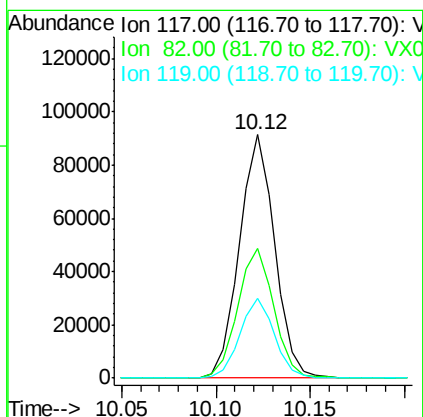
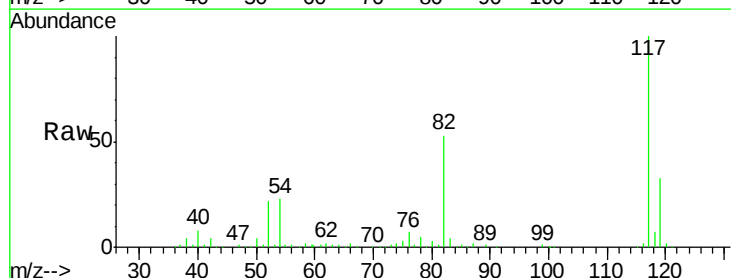
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

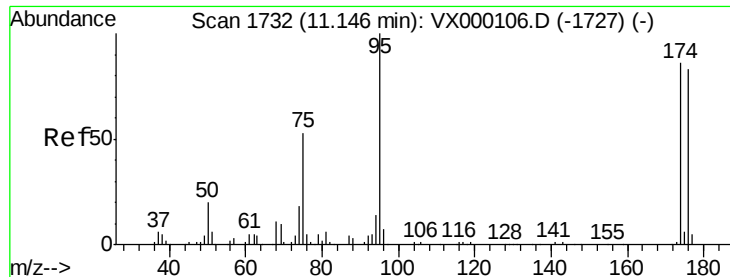
Tot Ion:114 Resp: 125395
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.0 22.4
 88 15.0 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000231.D
 Acq: 08 Mar 2018 20:10

Tgt Ion:117 Resp: 119026
 Ion Ratio Lower Upper
 117 100
 82 54.7 43.0 64.4
 119 32.5 25.8 38.8





#60

4-Bromofluorobenzene

Concen: 28.13 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000231.D

Acq: 08 Mar 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

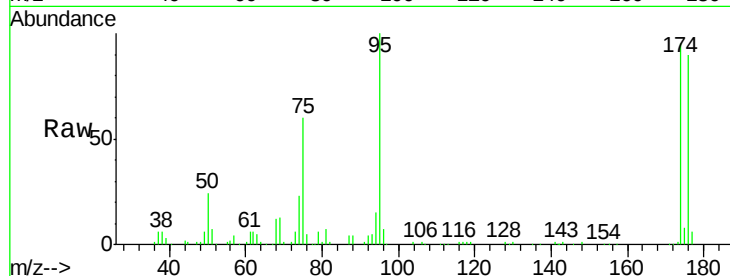
Tot Ion: 95 Resp: 54769

Ion Ratio Lower Upper

95 100

174 89.1 71.1 106.7

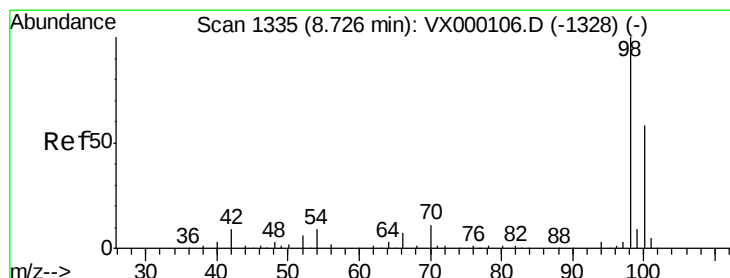
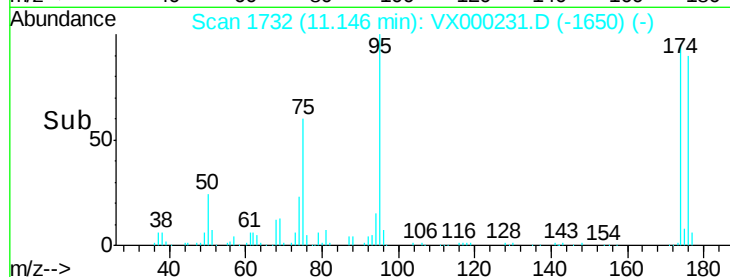
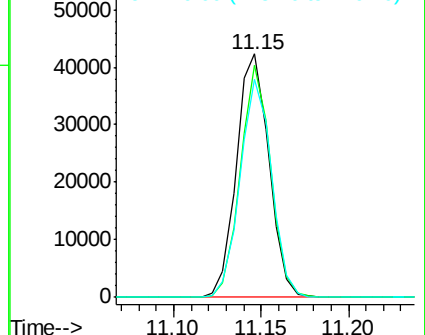
176 86.6 69.3 103.9



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 30.37 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000231.D

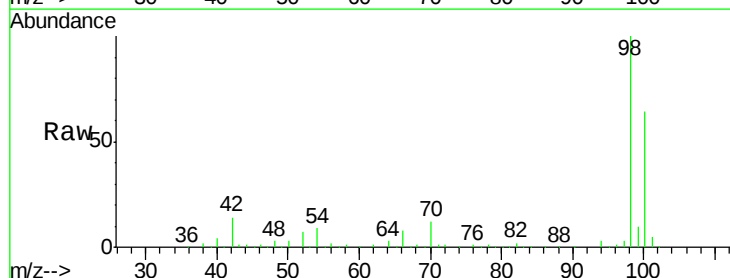
Acq: 08 Mar 2018 20:10

Tgt Ion: 98 Resp: 154823

Ion Ratio Lower Upper

98 100

100 63.0 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

