

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030118\
 Data File : VX000185.D
 Acq On : 01 Mar 2018 15:22
 Operator : JC/MD
 Sample : J1734-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 02 04:01:50 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	21584	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	128819	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	117832	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	53259	31.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.27%
60) 4-Bromofluorobenzene	11.15	95	54496	28.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.23%
63) Toluene-d8	8.73	98	153378	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

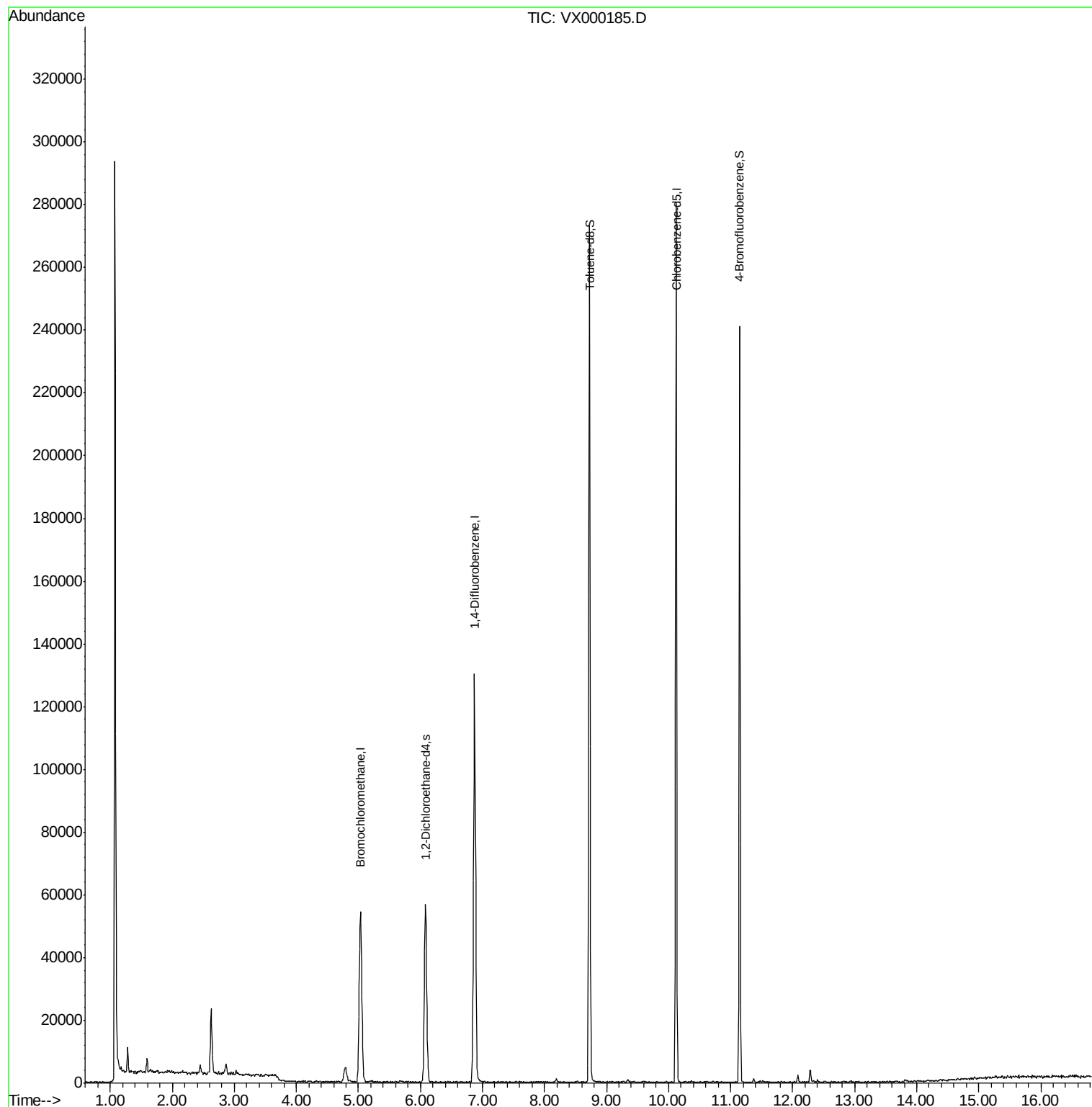
Target Compounds	Ovalue

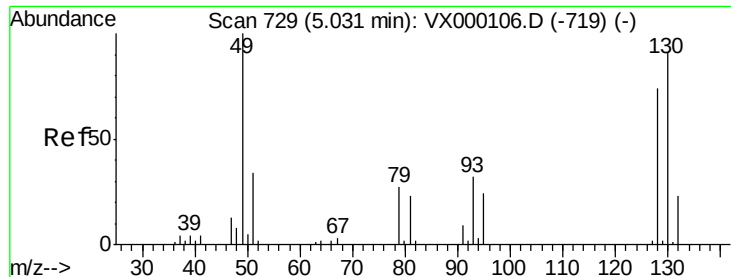
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 02 04:01:50 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000185.D

Acq: 01 Mar 2018 15:22

Instrument :
ClientSampled :
TRIP-BLANK

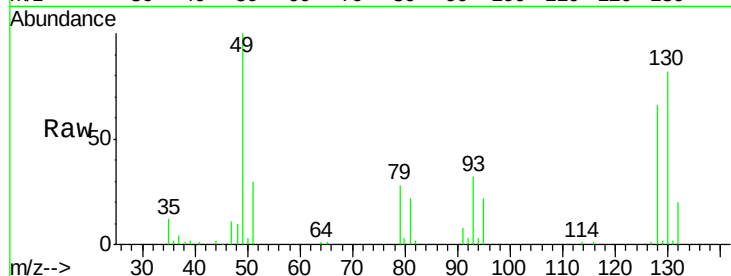
Tot Ion:128 Resp: 21584

Ion Ratio Lower Upper

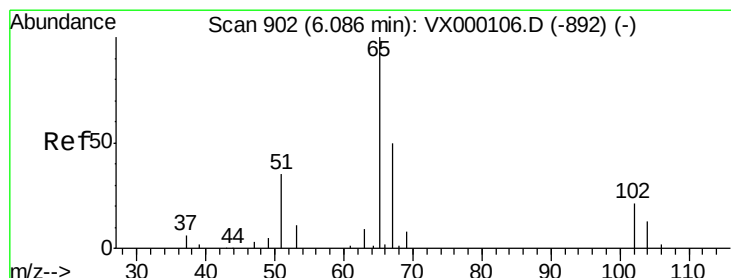
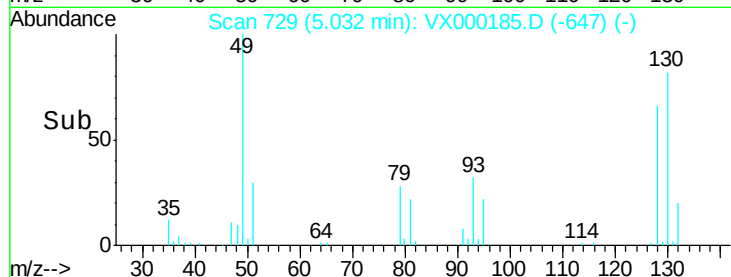
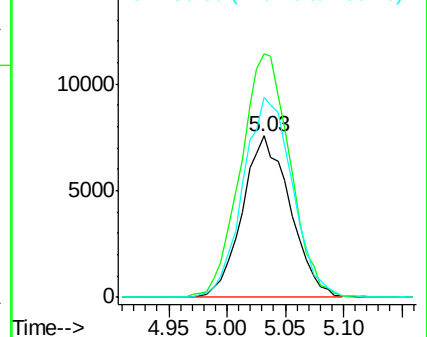
128 100

49 155.6 0.0 378.3

130 127.7 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000185.D

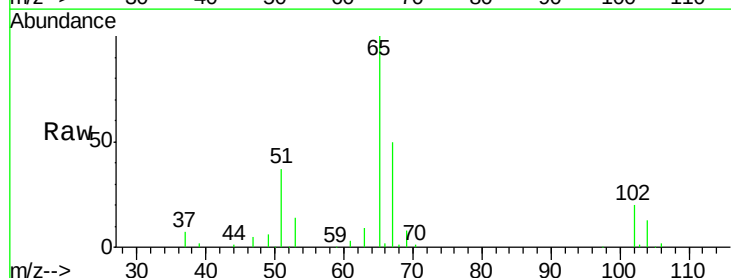
Acq: 01 Mar 2018 15:22

Tgt Ion: 65 Resp: 53259

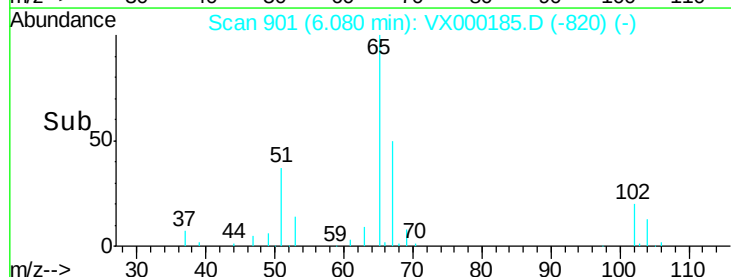
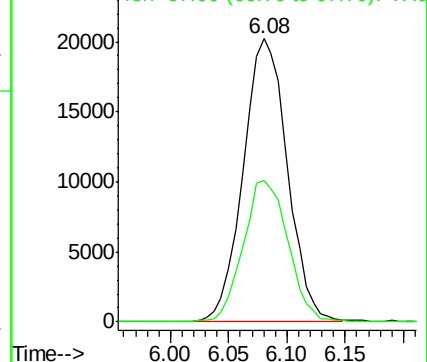
Ion Ratio Lower Upper

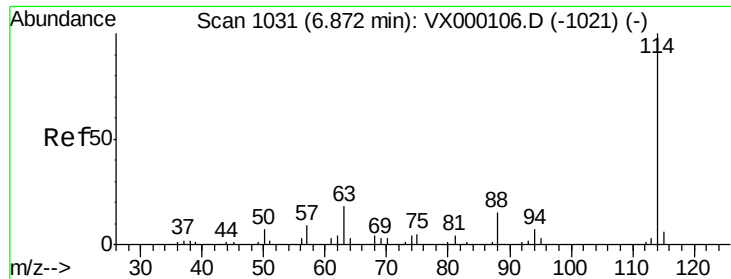
65 100

67 50.6 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0
Ion 67.00 (66.70 to 67.70): VX0

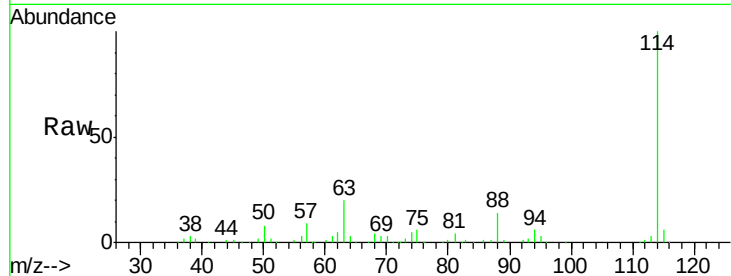




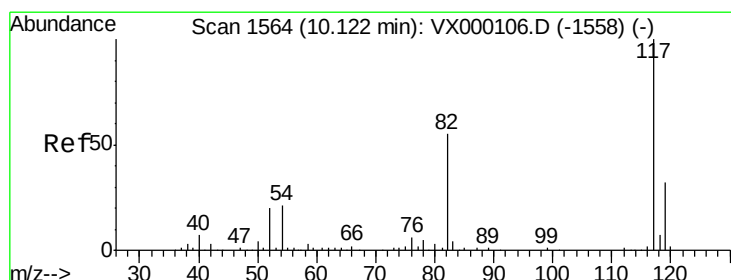
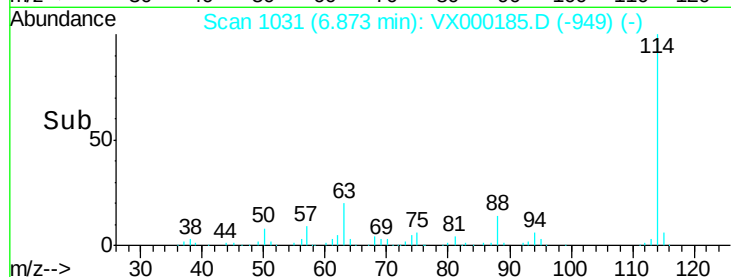
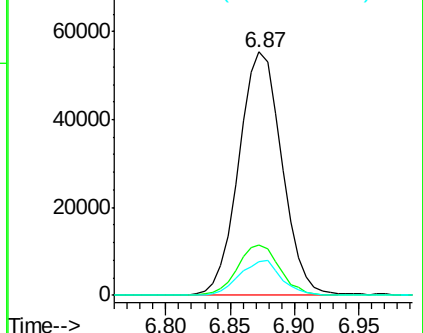
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000185.D
 Acq: 01 Mar 2018 15:22

Instrument :
 ClientSampled :
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Tot Ion:114 Resp: 128819
 Ion Ratio Lower Upper
 114 100
 63 20.2 15.0 22.4
 88 13.9 11.8 17.8

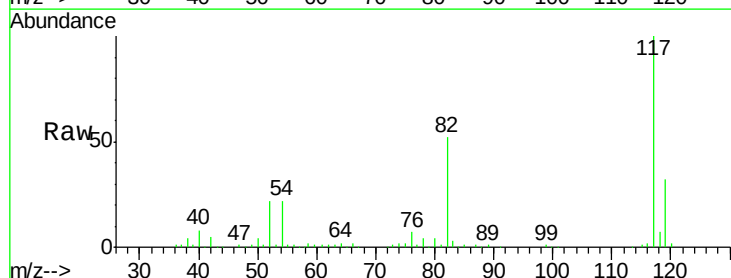


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

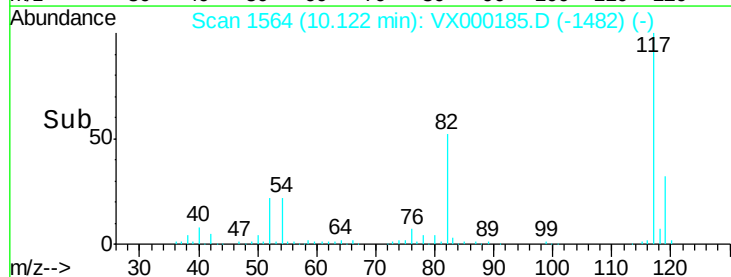
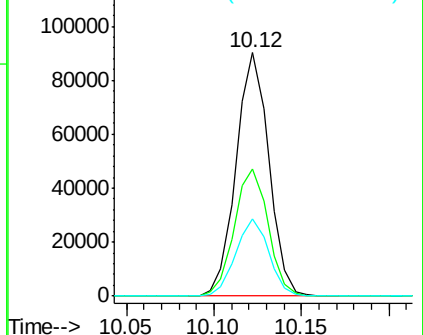


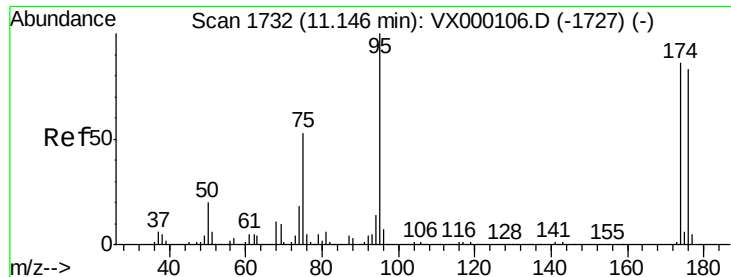
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000185.D
 Acq: 01 Mar 2018 15:22

Tgt Ion:117 Resp: 117832
 Ion Ratio Lower Upper
 117 100
 82 53.8 43.0 64.4
 119 32.1 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 28.27 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000185.D

Acq: 01 Mar 2018 15:22

Instrument :

ClientSampled :

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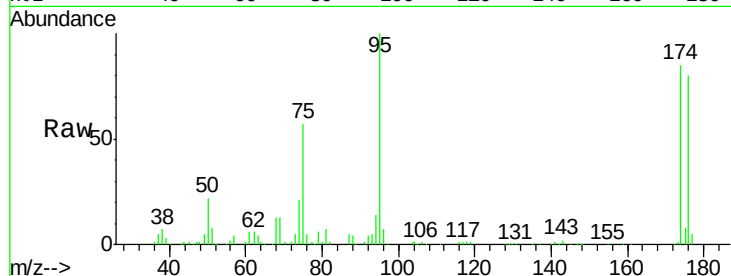
Tot Ion: 95 Resp: 54496

Ion Ratio Lower Upper

95 100

174 87.6 71.1 106.7

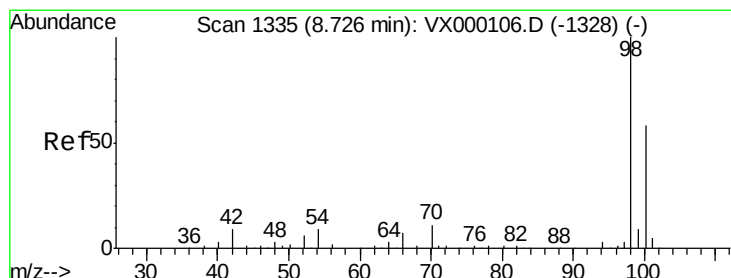
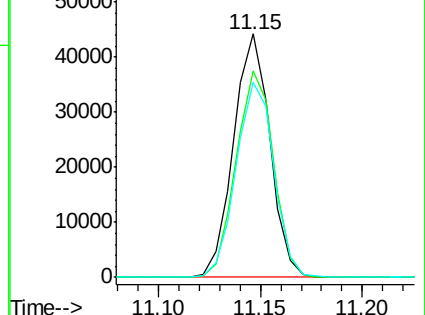
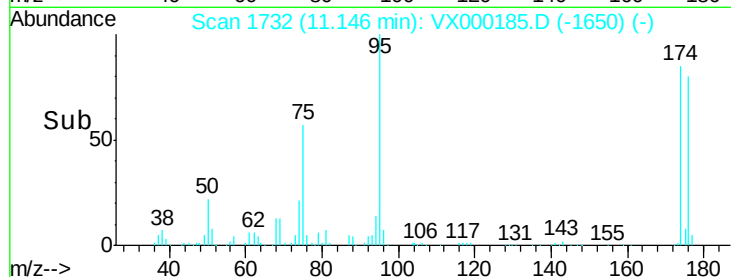
176 83.1 69.3 103.9



Abundance Ion 95.00 (94.70 to 95.70): VX000185.D (-1650) (-)

Ion 174.00 (173.70 to 174.70): VX000185.D (-1650) (-)

Ion 176.00 (175.70 to 176.70): VX000185.D (-1650) (-)



#63

Toluene-d8

Concen: 30.39 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000185.D

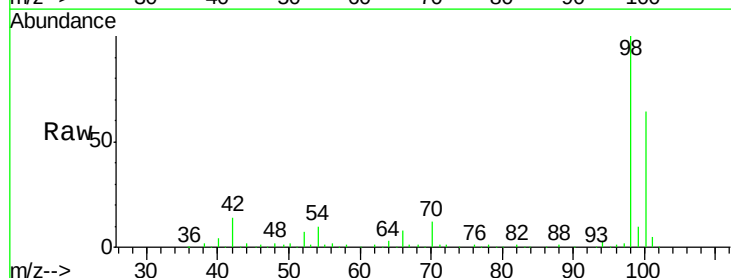
Acq: 01 Mar 2018 15:22

Tgt Ion: 98 Resp: 153378

Ion Ratio Lower Upper

98 100

100 64.0 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX000185.D (-1253) (-)

Ion 100.00 (99.70 to 100.70): VX000185.D (-1253) (-)

