

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001818.D
 Acq On : 18 May 2018 10:00
 Operator : JC/MD
 Sample : J2995-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: May 18 14:07:03 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	60284	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	297855	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	232926	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	117390	30.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.43%
60) 4-Bromofluorobenzene	11.14	95	95958	27.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.37%
63) Toluene-d8	8.72	98	345623	29.36	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.87%

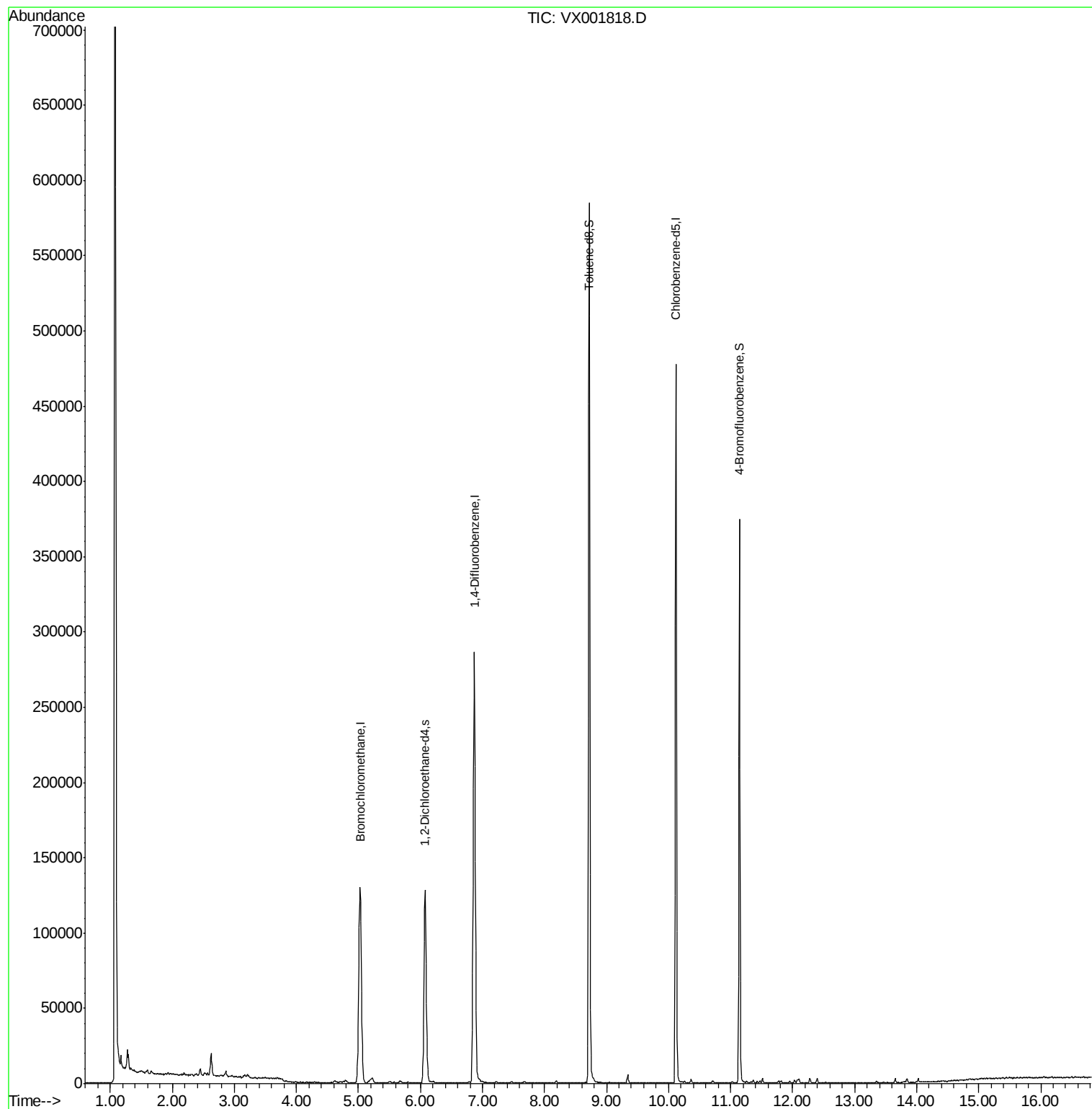
Target Compounds	Ovalue

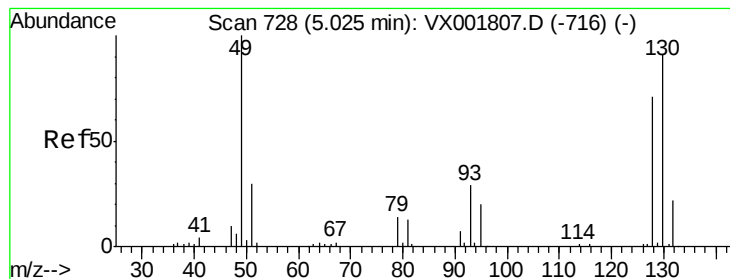
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001818.D

Acq: 18 May 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

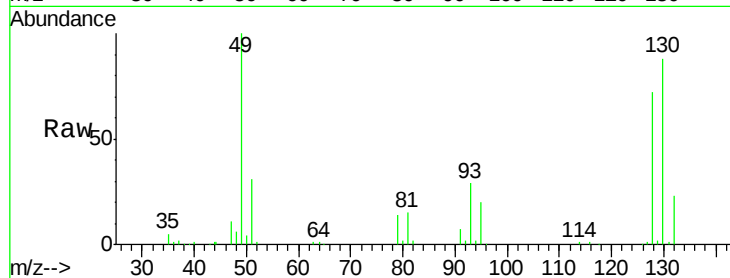
Tot Ion:128 Resp: 60284

Ion Ratio Lower Upper

128 100

49 141.1 0.0 352.3

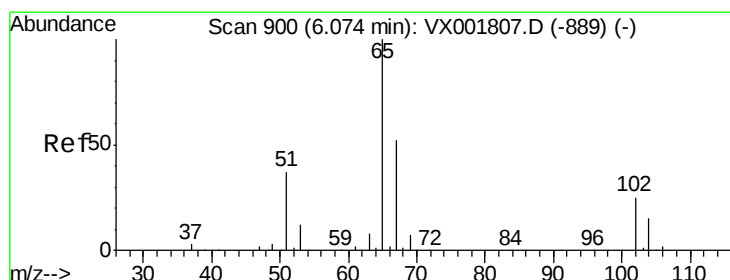
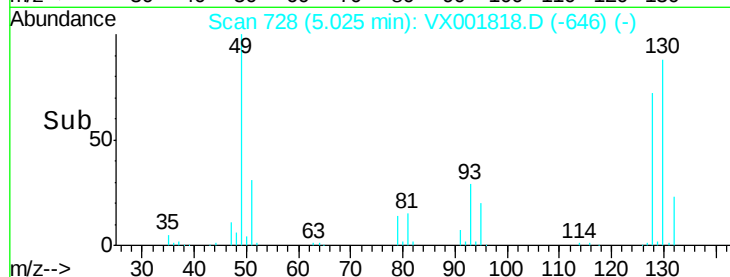
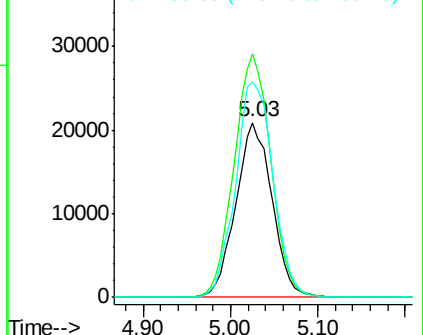
130 128.0 0.0 323.5



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: 30.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001818.D

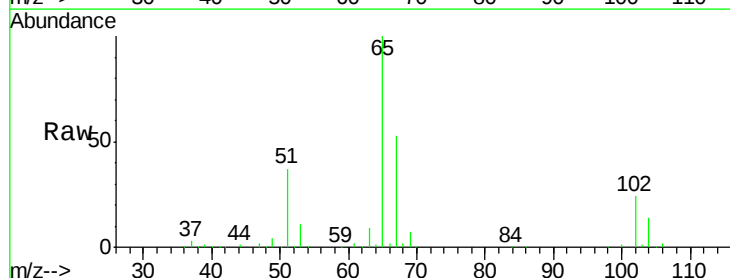
Acq: 18 May 2018 10:00

Tgt Ion: 65 Resp: 117390

Ion Ratio Lower Upper

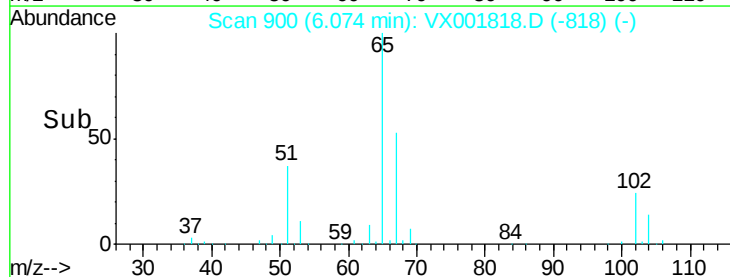
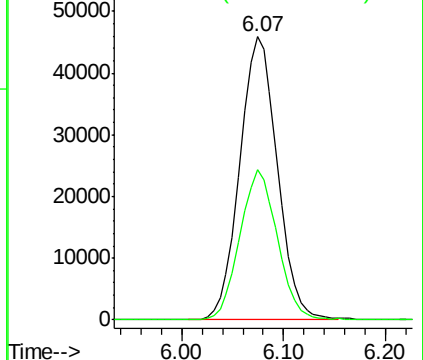
65 100

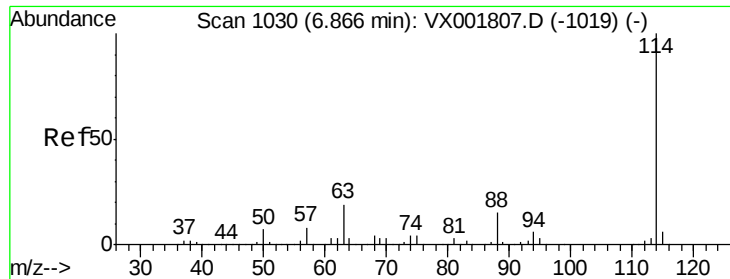
67 52.9 42.1 63.1



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

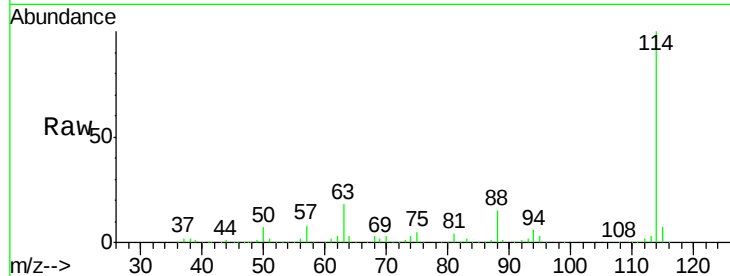




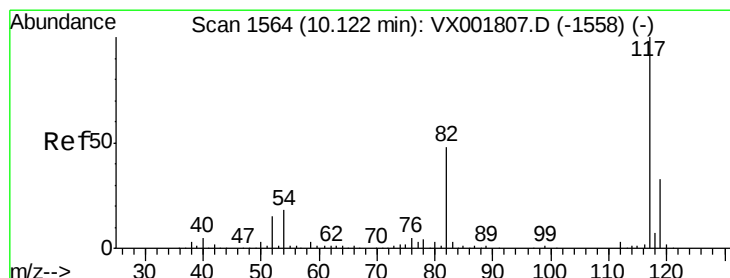
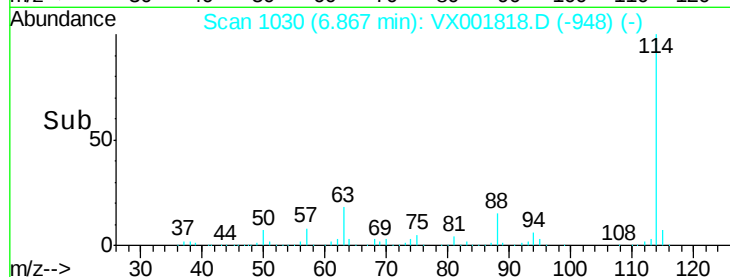
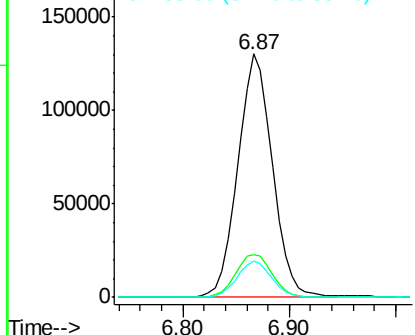
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001818.D
 Acq: 18 May 2018 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Tot Ion:114 Resp: 297855
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.9 22.3
 88 15.0 11.8 17.8

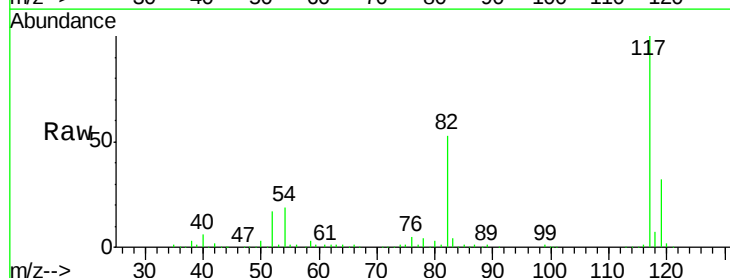


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

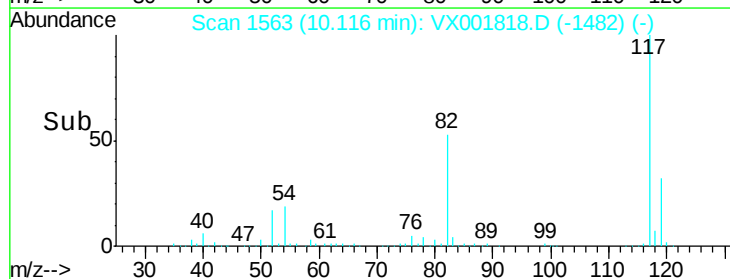
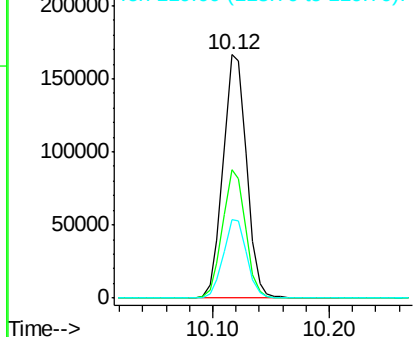


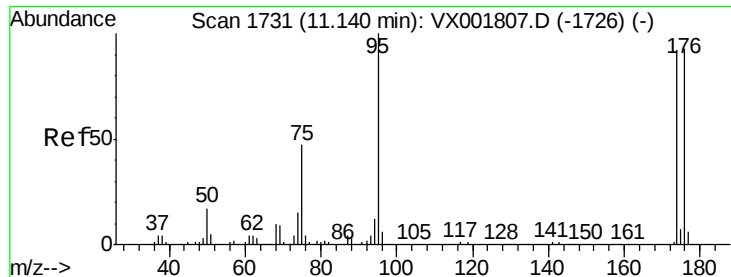
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX001818.D
 Acq: 18 May 2018 10:00

Tgt Ion:117 Resp: 232926
 Ion Ratio Lower Upper
 117 100
 82 51.3 40.1 60.1
 119 32.1 26.0 39.0



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

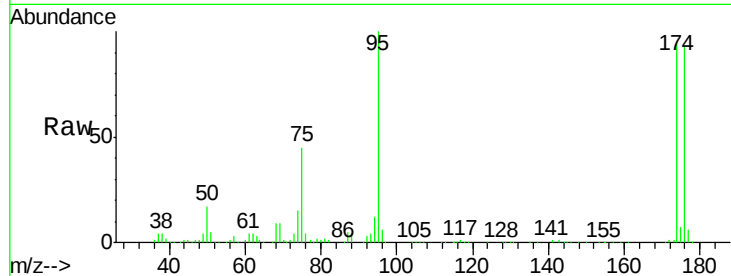




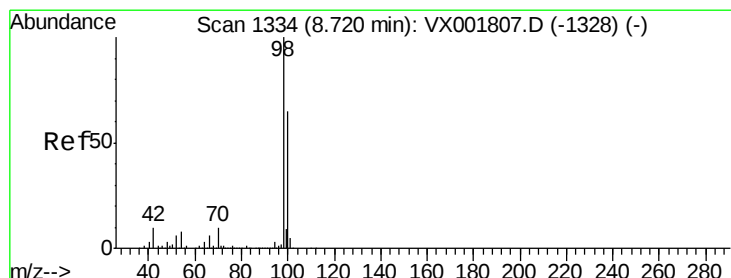
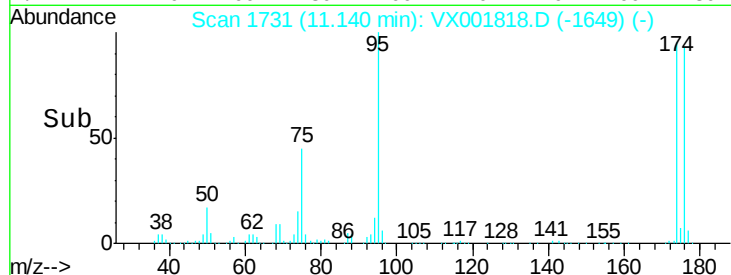
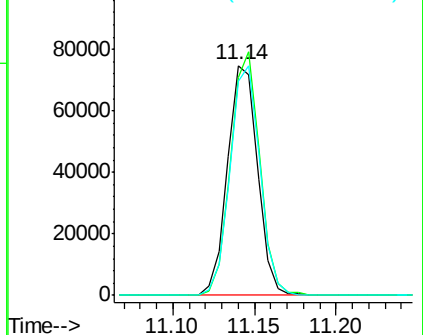
#60
4-Bromofluorobenzene
Concen: 27.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001818.D
Acq: 18 May 2018 10:00

Instrument :
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ClientSampleId :
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Tot Ion	95	Resp	95958
Ion	Ratio	Lower	Upper
95	100		
174	102.3	82.0	123.0
176	98.9	80.6	120.8

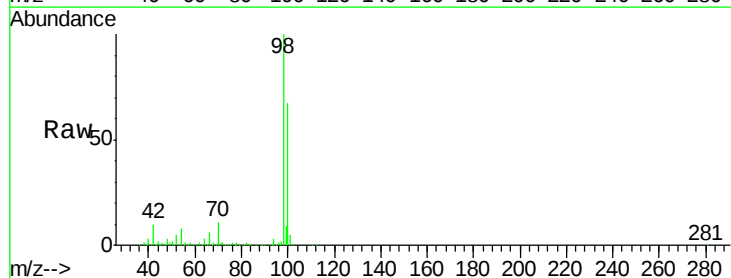


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001818.D
Acq: 18 May 2018 10:00

Tgt Ion	98	Resp	345623
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

