

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007278.D
 Acq On : 29 Jan 2019 10:35
 Operator : JC/SP
 Sample : VX0129WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 01:15:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	83728	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	452883	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	397927	30.00	ug/l	0.00

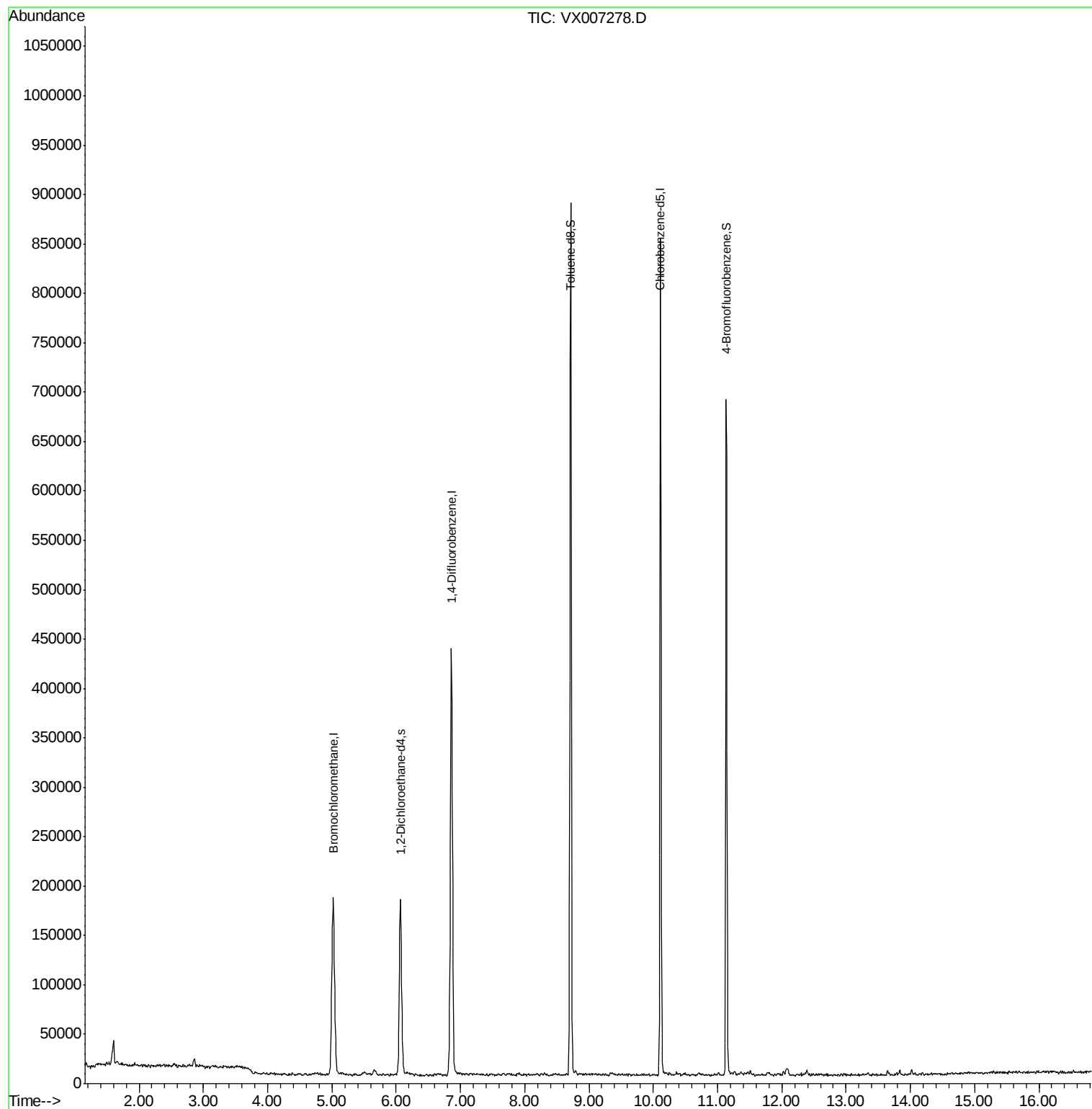
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	166383	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.13	95	170832	27.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.70%
63) Toluene-d8	8.71	98	527909	29.43	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.10%

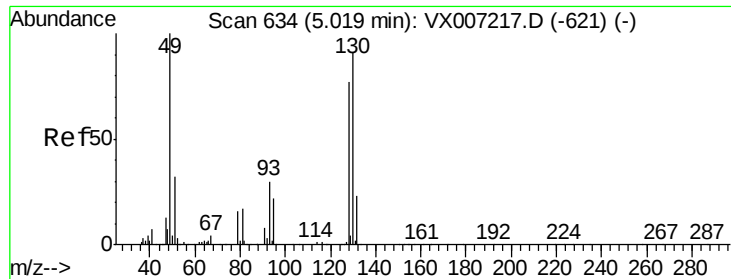
Target Compounds	Ovalue

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

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QLast Update : Mon Jan 28 10:35:22 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007278.D

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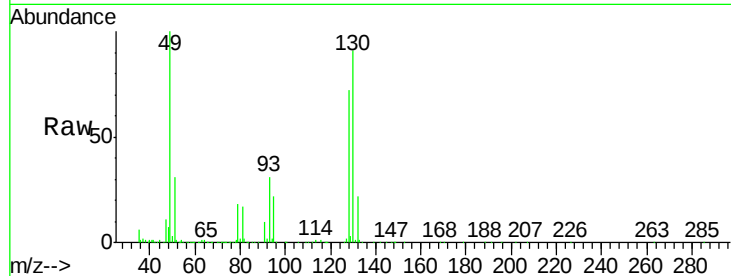
Tot Ion:128 Resp: 83728

Ion Ratio Lower Upper

128 100

49 140.0 0.0 345.5

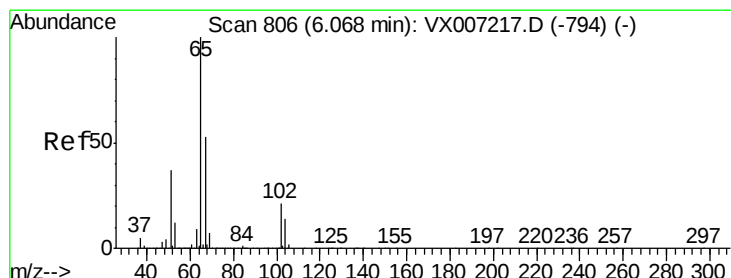
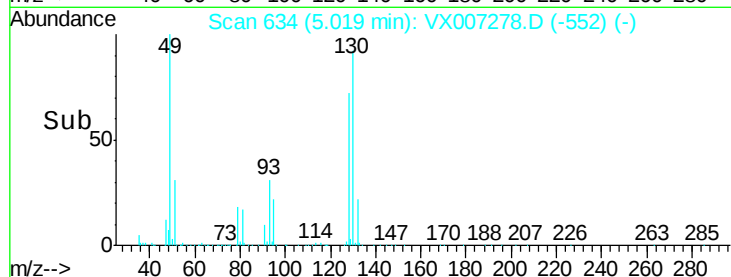
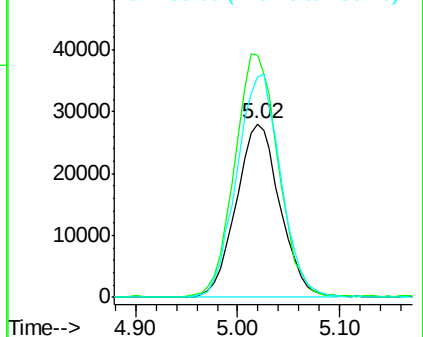
130 129.0 0.0 320.0



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: 30.273 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007278.D

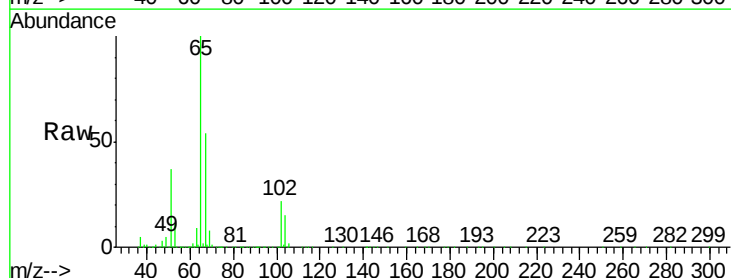
Acq: 29 Jan 2019 10:35

Tgt Ion: 65 Resp: 166383

Ion Ratio Lower Upper

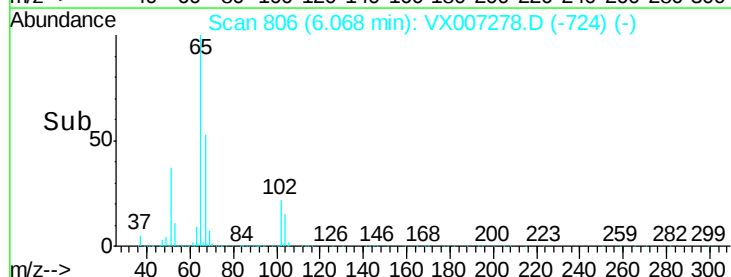
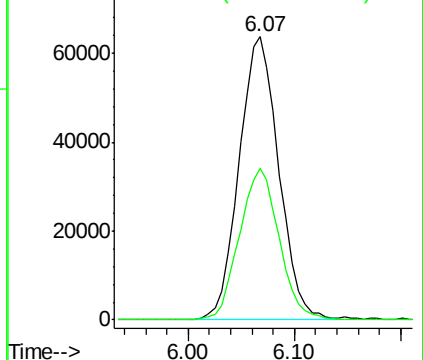
65 100

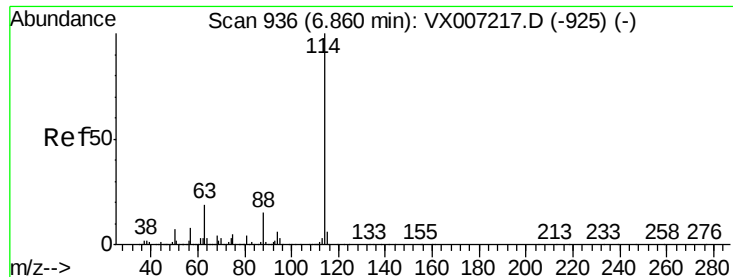
67 53.8 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

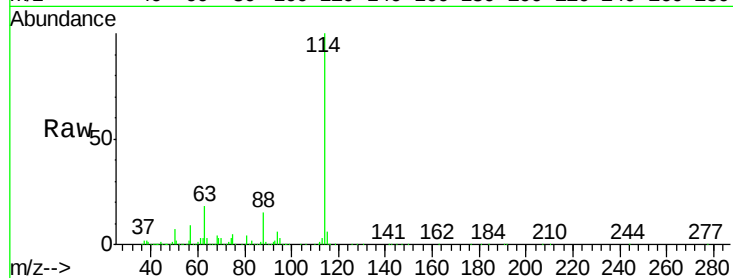
RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007278.D

Acq: 29 Jan 2019 10:35

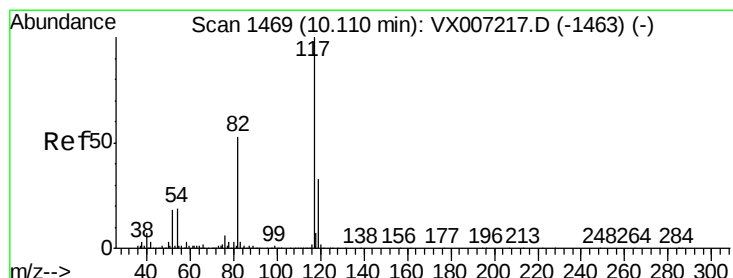
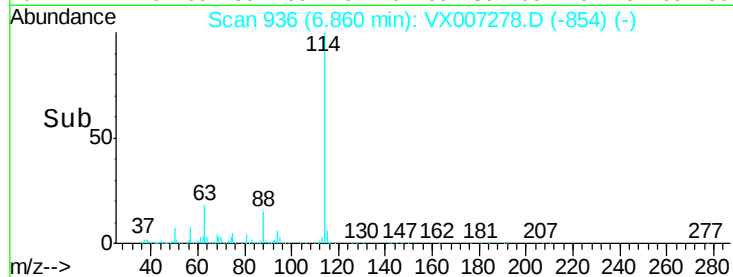
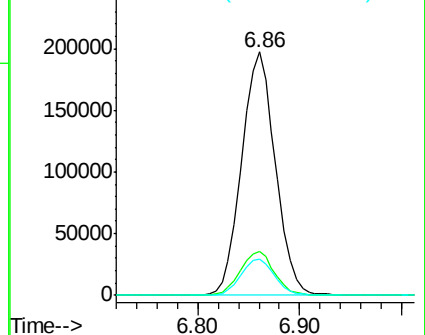
Tot Ion:114	Resp:	452883
Ion Ratio	Lower	Upper
114 100		
63 17.9	14.6	21.8
88 14.8	11.8	17.6



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: 30.000 ug/l

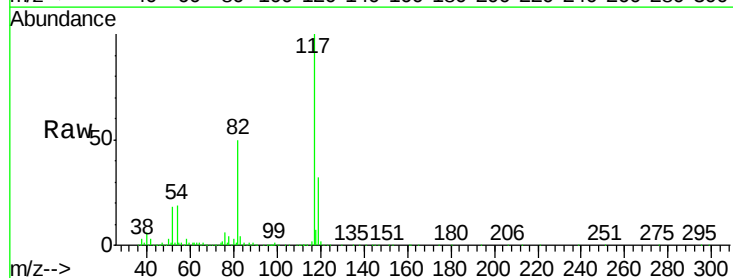
RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007278.D

Acq: 29 Jan 2019 10:35

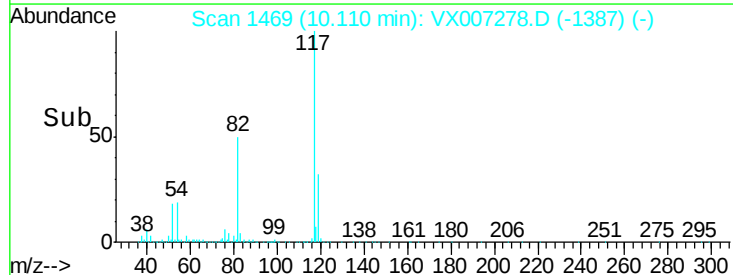
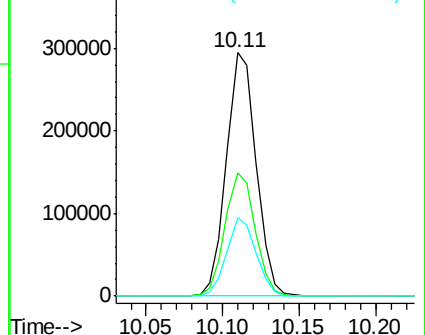
Tgt Ion:117	Resp:	397927
Ion Ratio	Lower	Upper
117 100		
82 51.3	41.4	62.0
119 31.5	25.7	38.5

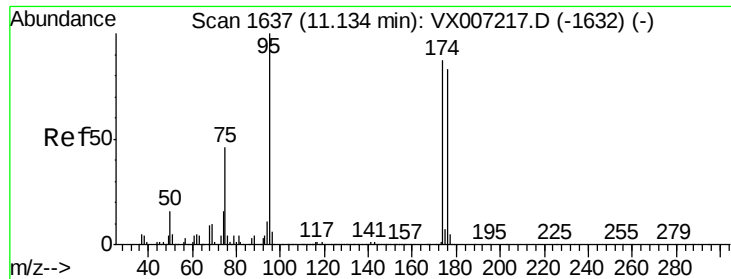


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

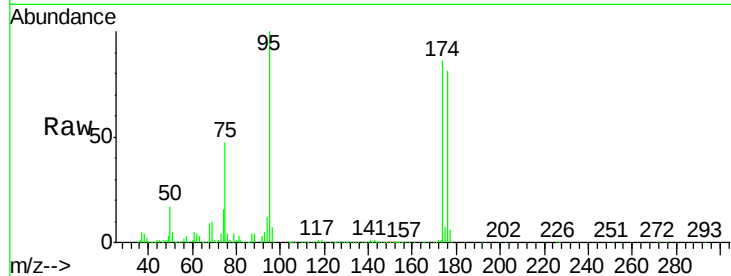
Ion 119.00 (118.70 to 119.70): V



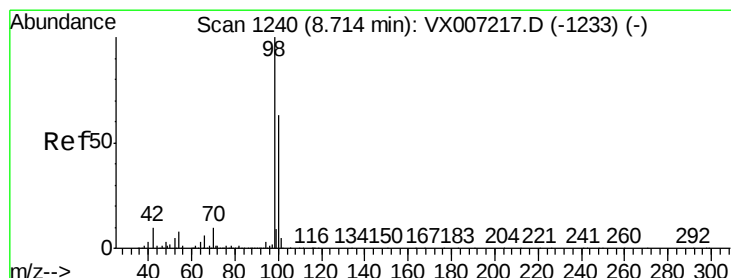
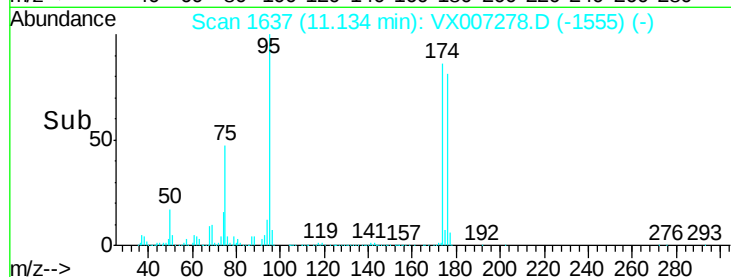
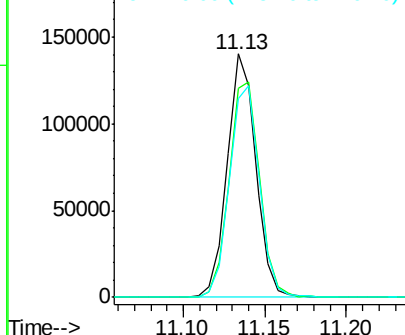


#60
4-Bromofluorobenzene
Concen: 27.815 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tot Ion	95	Resp	170832
Ion Ratio	Lower	Upper	
95	100		
174	93.8	74.8	112.2
176	91.0	72.5	108.7

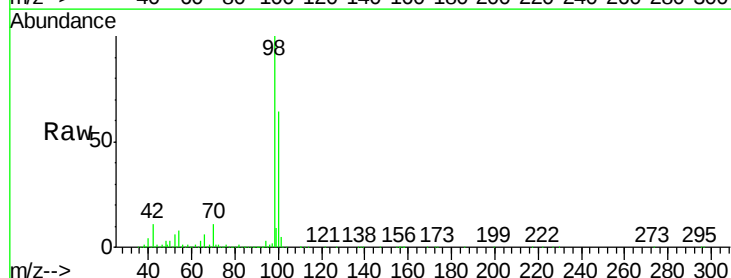


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 29.432 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007278.D
Acq: 29 Jan 2019 10:35

Tgt Ion	98	Resp	527909
Ion Ratio	Lower	Upper	
98	100		
100	64.0	49.9	74.9



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

