

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007283.D
 Acq On : 29 Jan 2019 13:03
 Operator : JC/SP
 Sample : K1260-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 30 09:29:21 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	5.03	128	77235	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	409450	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	361458	30.00	ug/l	0.00

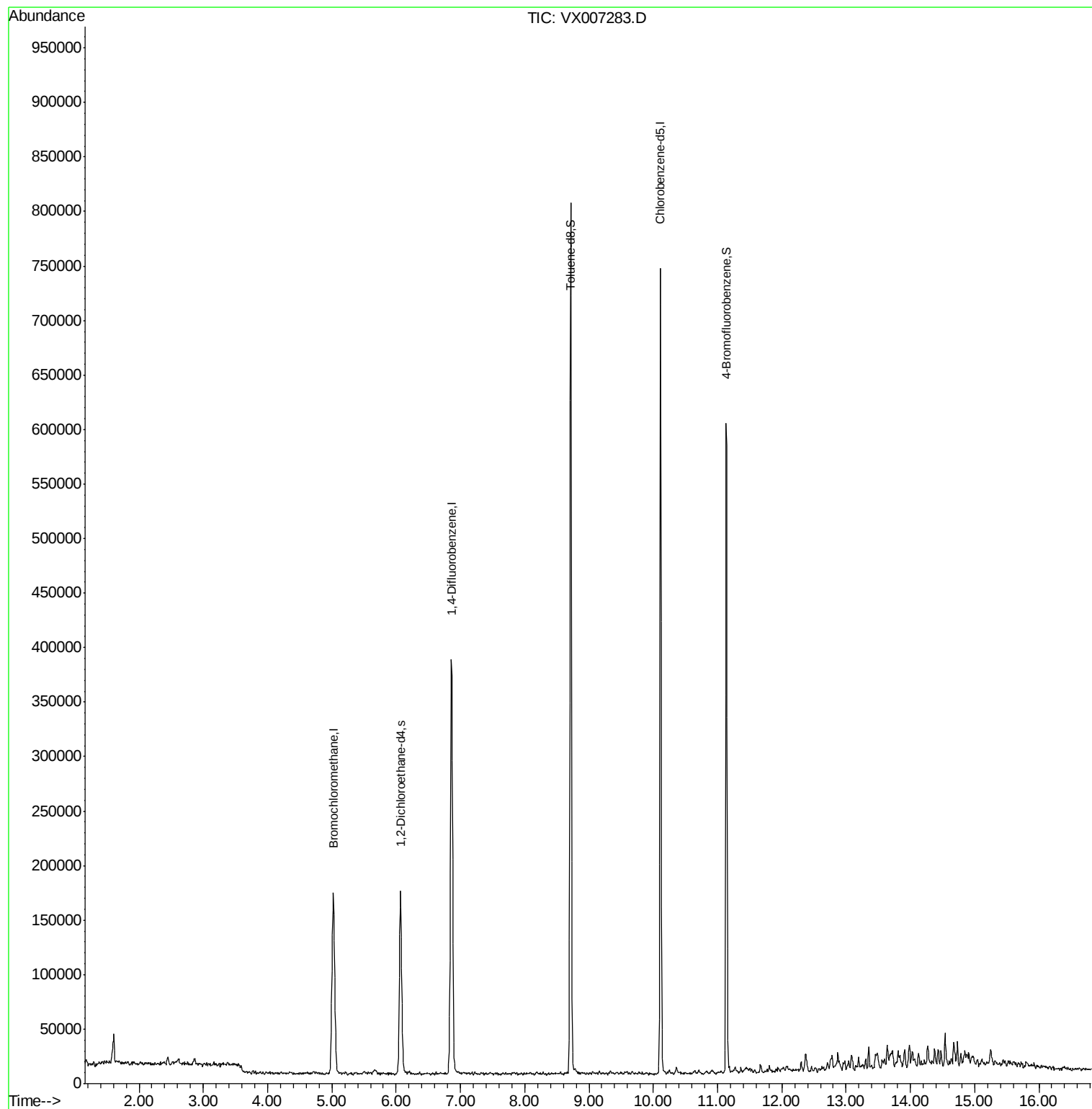
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	154822	30.54	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.80%
60) 4-Bromofluorobenzene	11.13	95	153003	27.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.43%
63) Toluene-d8	8.71	98	479488	29.43	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.10%

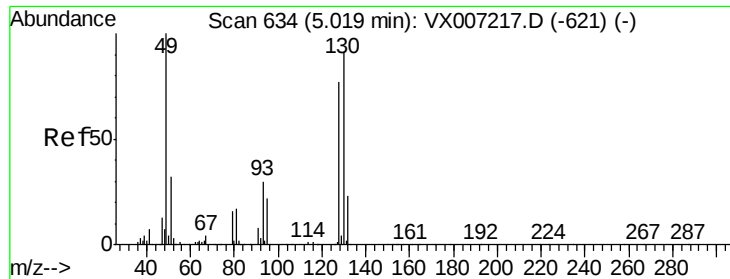
Target Compounds	Ovalue

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

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX007283.D

Acq: 29 Jan 2019 13:03

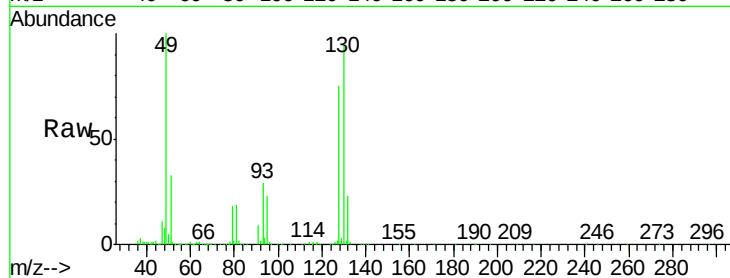
Tot Ion:128 Resp: 77235

Ion Ratio Lower Upper

128 100

49 139.1 0.0 345.5

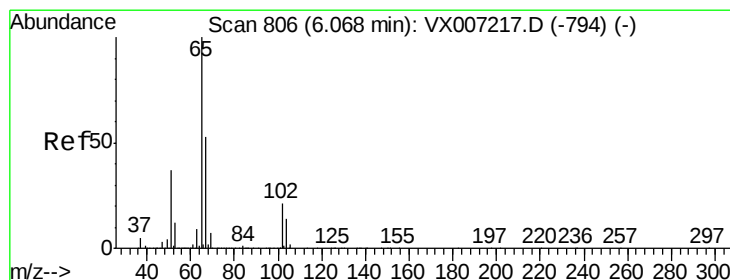
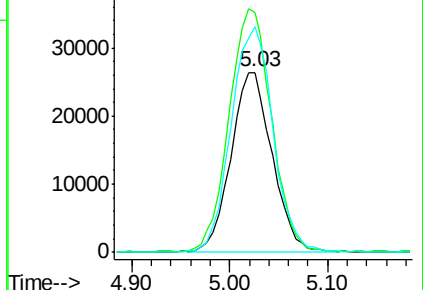
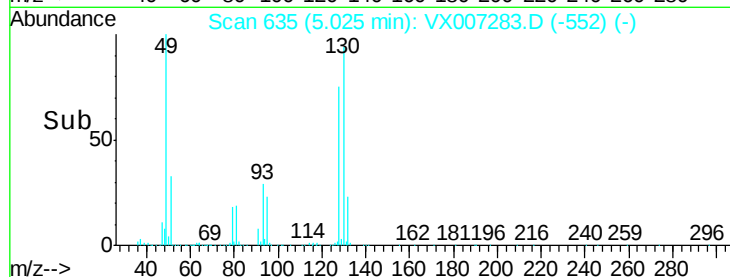
130 127.6 0.0 320.0



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: 30.538 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007283.D

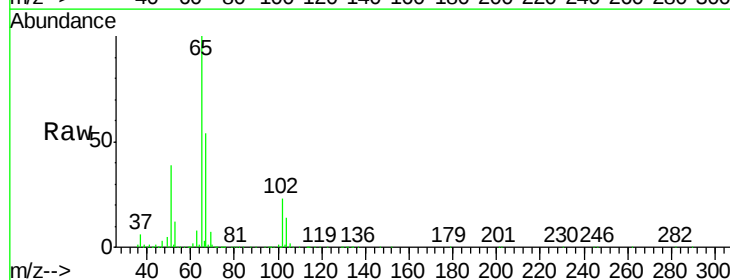
Acq: 29 Jan 2019 13:03

Tgt Ion: 65 Resp: 154822

Ion Ratio Lower Upper

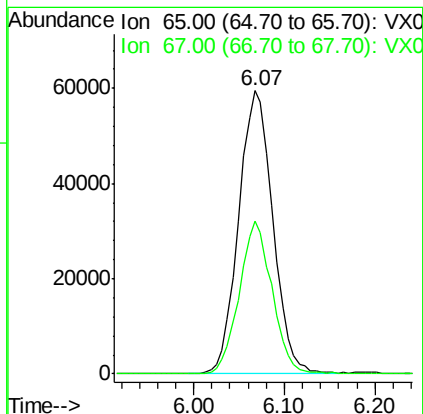
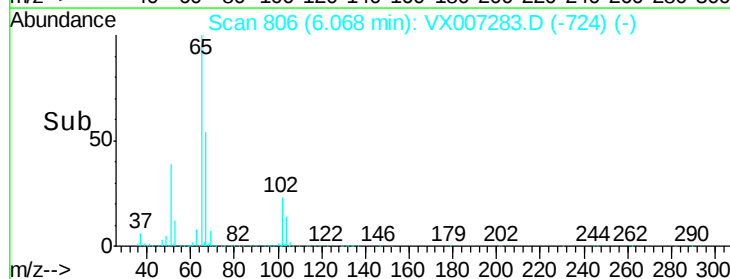
65 100

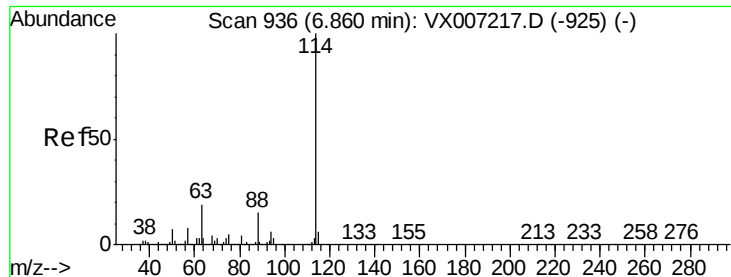
67 52.0 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

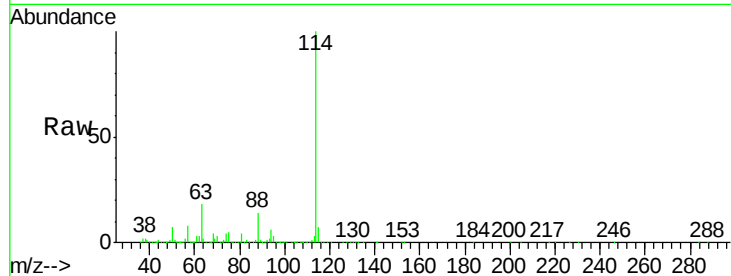
Ion 67.00 (66.70 to 67.70): VX0



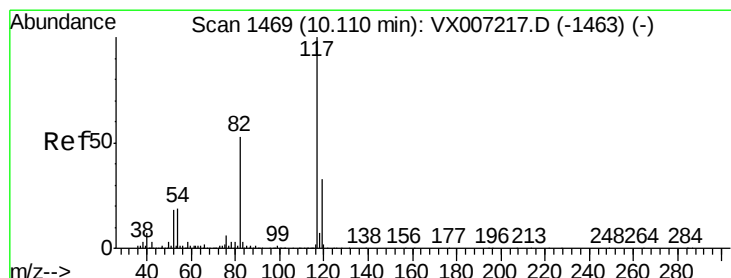
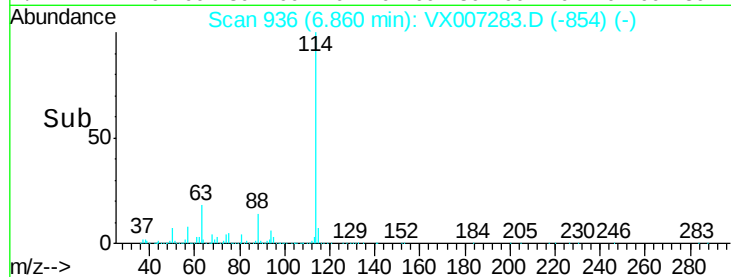
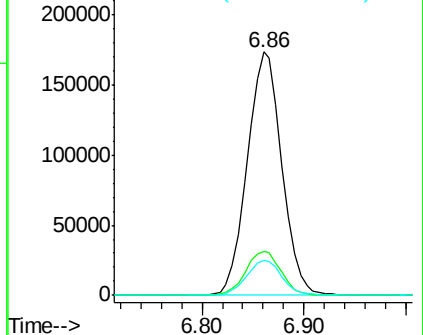


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.6	21.8
88	14.6	11.8	17.6

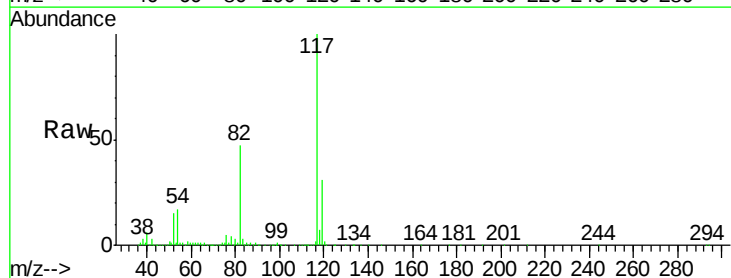


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 88.00 (87.70 to 88.70): VX0

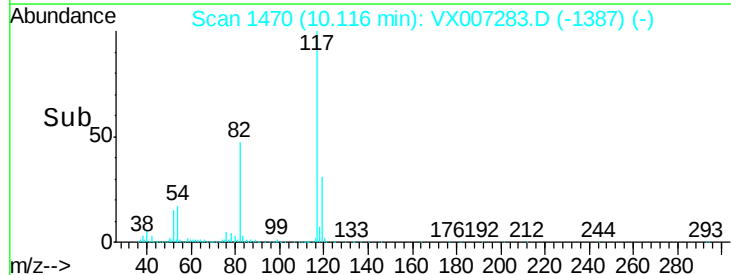
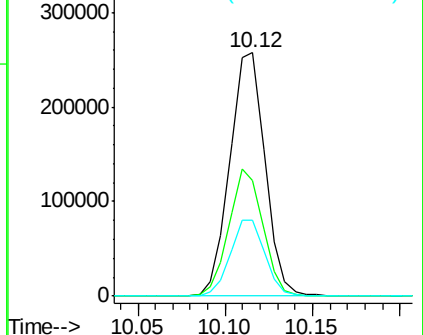


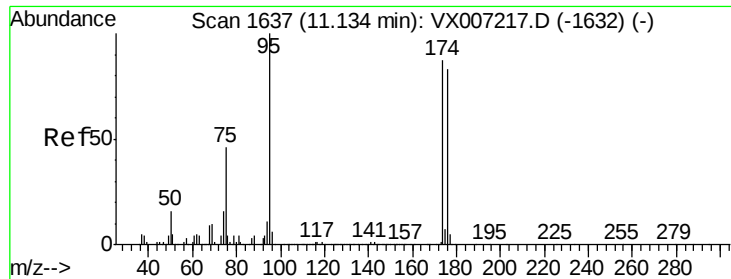
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007283.D
Acq: 29 Jan 2019 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.4	62.0
119	31.0	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: 27.426 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007283.D

Acq: 29 Jan 2019 13:03

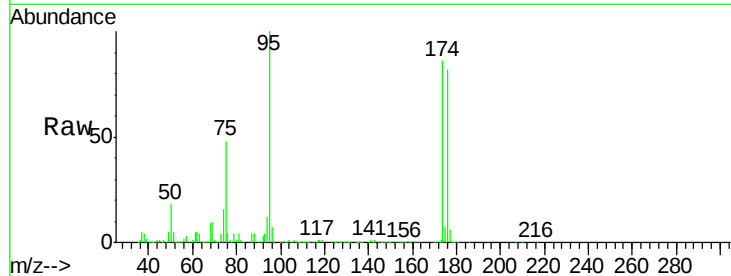
Tot Ion: 95 Resp: 153003

Ion Ratio Lower Upper

95 100

174 92.6 74.8 112.2

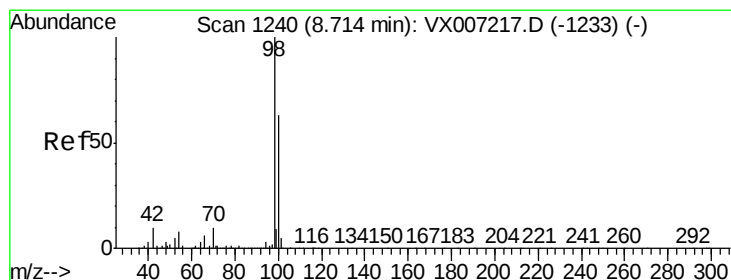
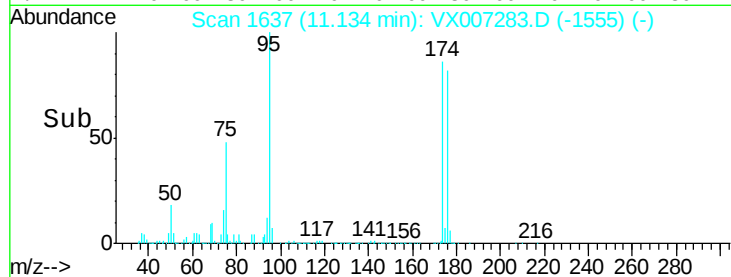
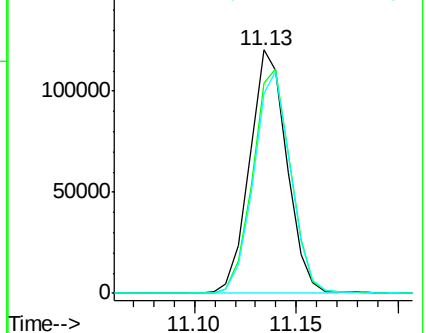
176 90.7 72.5 108.7



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: 29.430 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007283.D

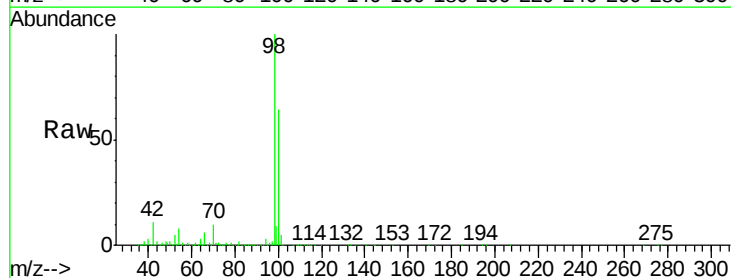
Acq: 29 Jan 2019 13:03

Tgt Ion: 98 Resp: 479488

Ion Ratio Lower Upper

98 100

100 64.9 49.9 74.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

