

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018255.D
 Acq On : 04 Sep 2020 13:05
 Operator : JC/SP
 Sample : VX0904WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBL01

Quant Time: Sep 05 06:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	81353	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	412345	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	387308	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	197295	30.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.47%
60) 4-Bromofluorobenzene	11.12	95	169997	25.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.40%
63) Toluene-d8	8.70	98	494544	28.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.57%

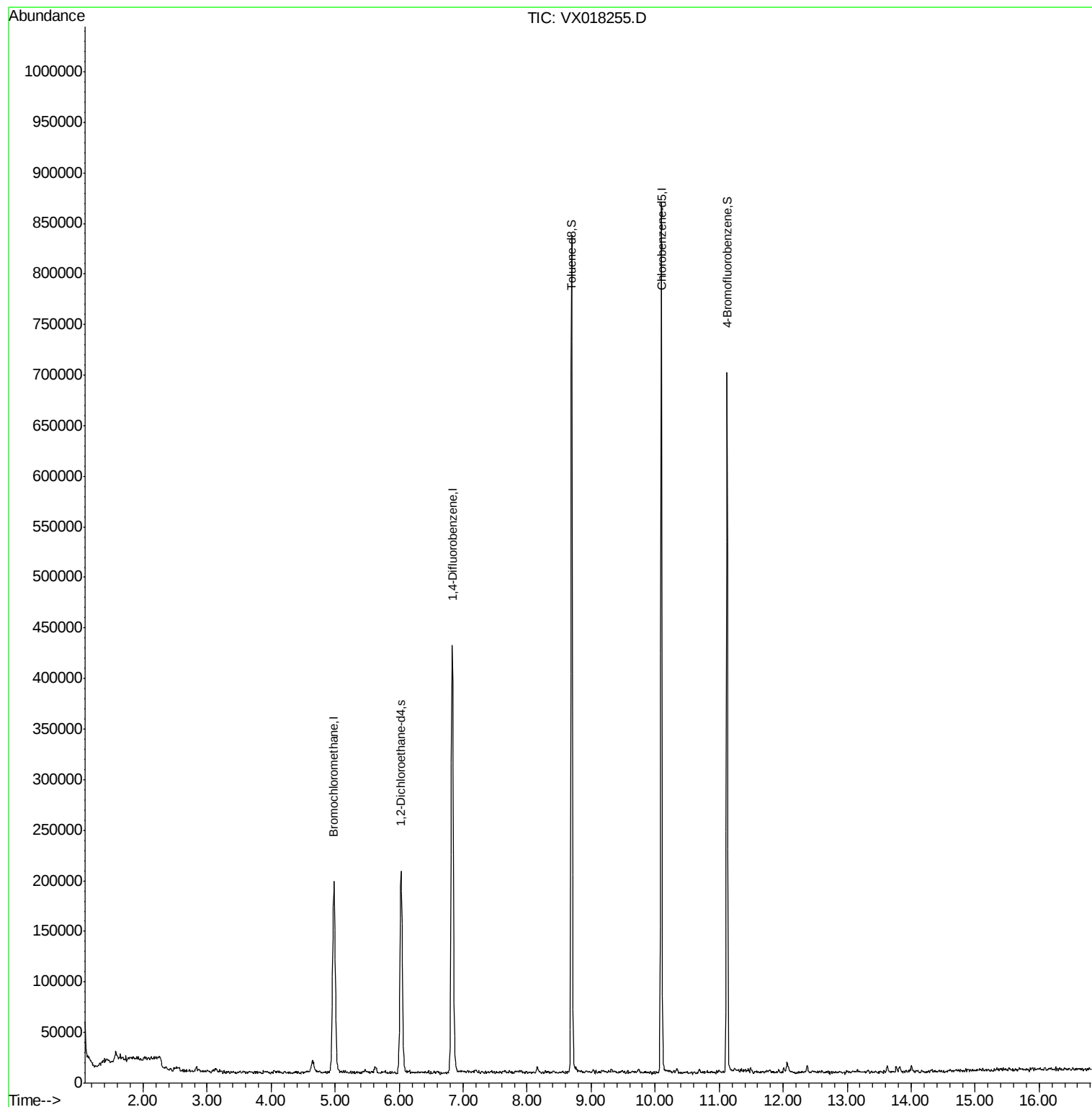
Target Compounds	Ovalue

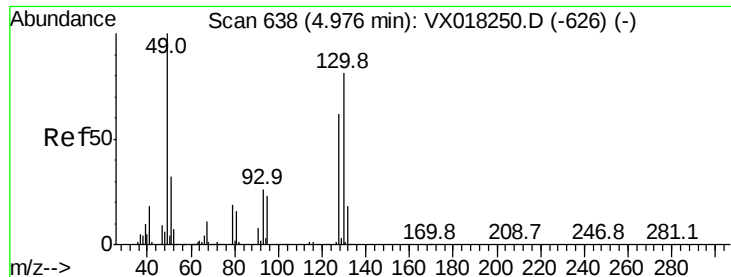
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018255.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0904WBL01

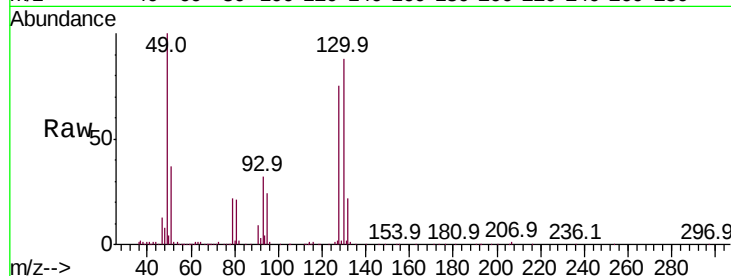
Tot Ion:128 Resp: 81353

Ion Ratio Lower Upper

128 100

49 151.0 0.0 392.0

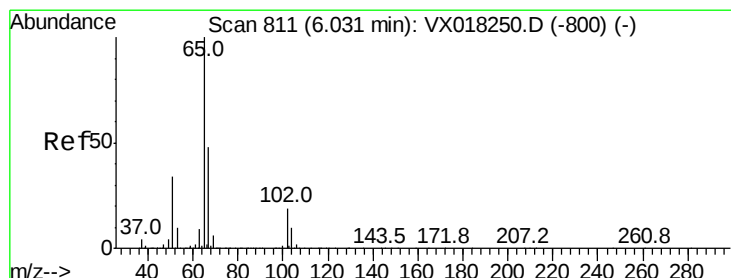
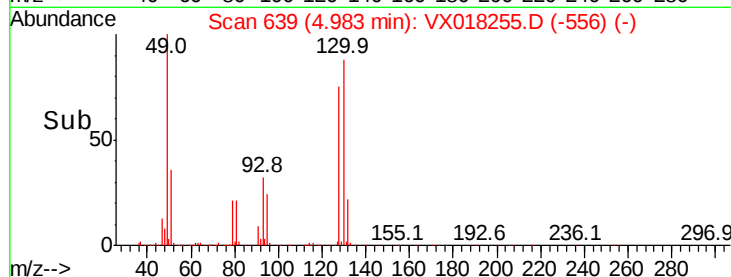
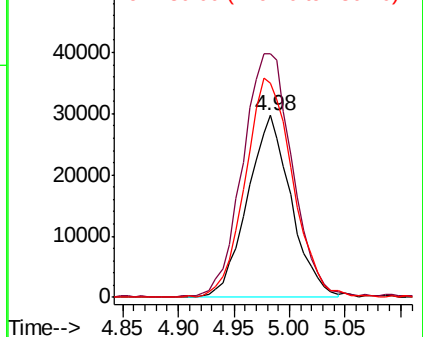
130 130.6 0.0 320.2



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: 30.740 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018255.D

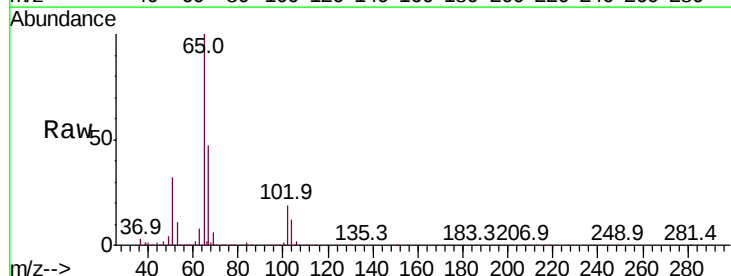
Acq: 04 Sep 2020 13:05

Tgt Ion: 65 Resp: 197295

Ion Ratio Lower Upper

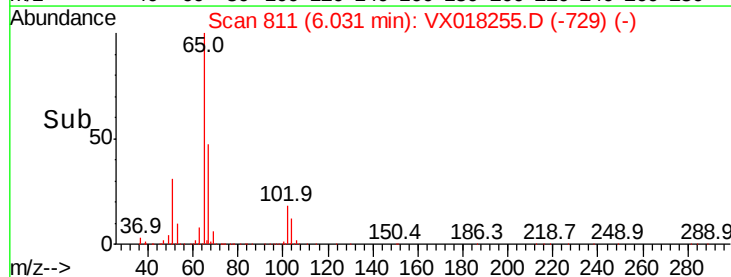
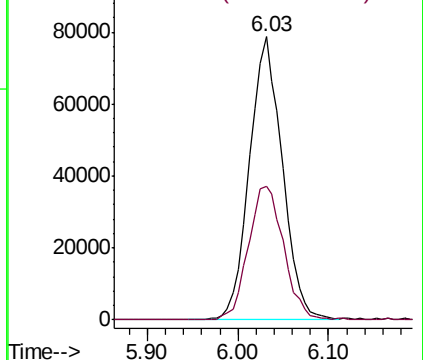
65 100

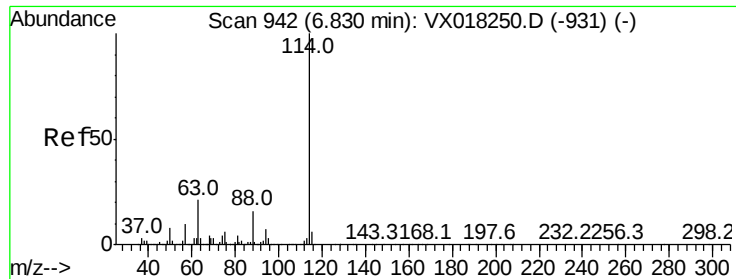
67 50.7 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

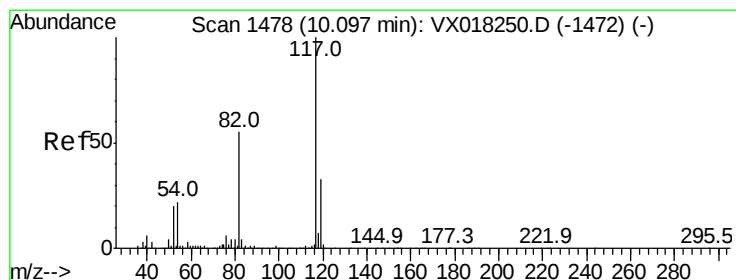
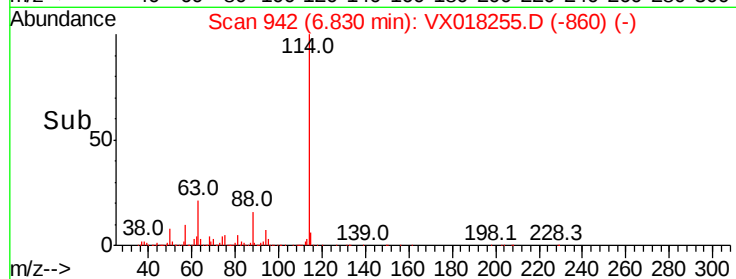
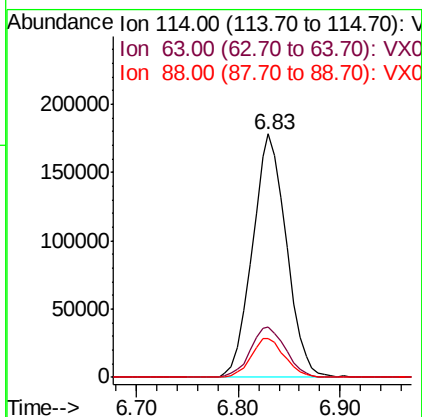
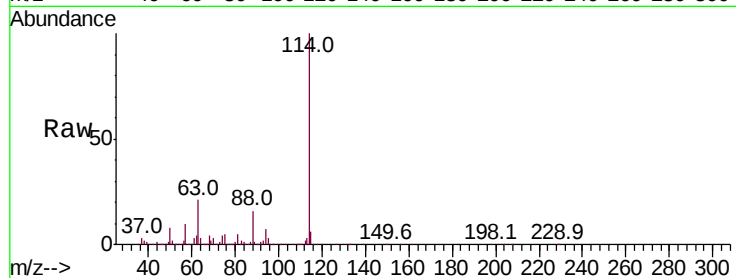




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018255.D
 Acq: 04 Sep 2020 13:05

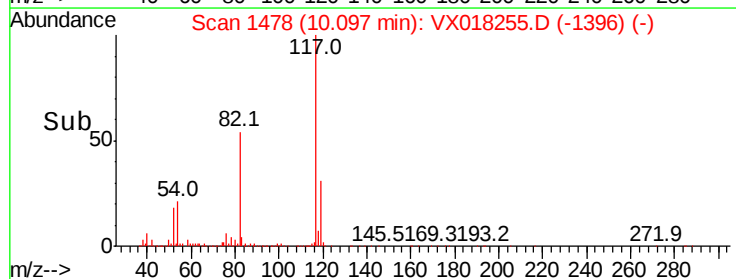
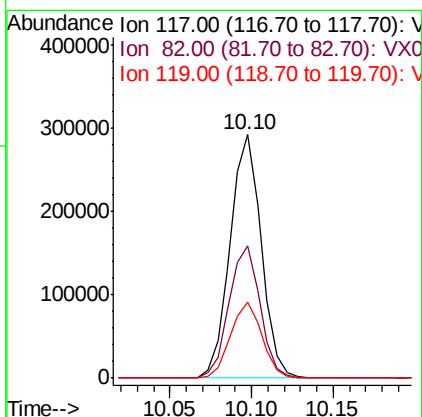
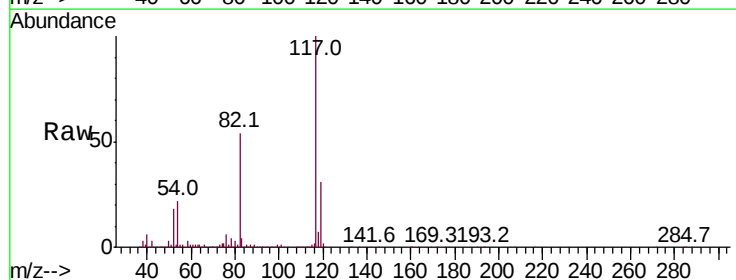
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBL01

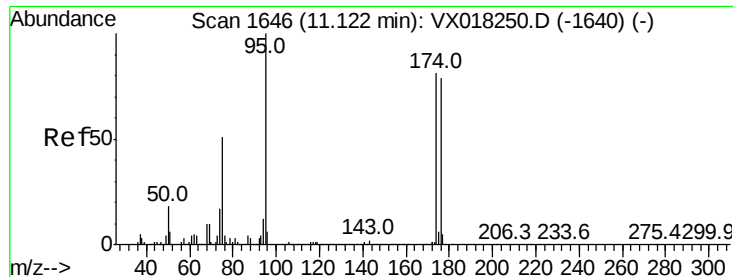
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.7	25.1
88	16.0	12.6	18.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX018255.D
 Acq: 04 Sep 2020 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.4
119	31.6	26.1	39.1





#60

4-Bromofluorobenzene

Concen: 25.323 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018255.D

Acq: 04 Sep 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBL01

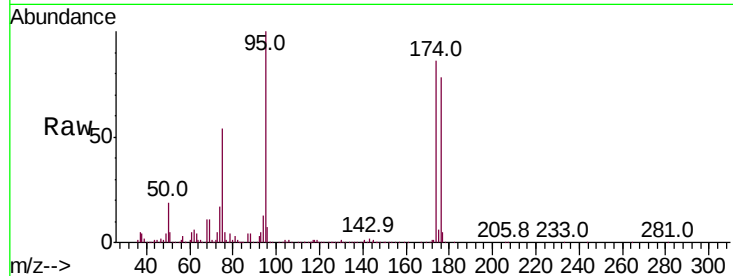
Tot Ion: 95 Resp: 169997

Ion Ratio Lower Upper

95 100

174 83.7 64.2 96.4

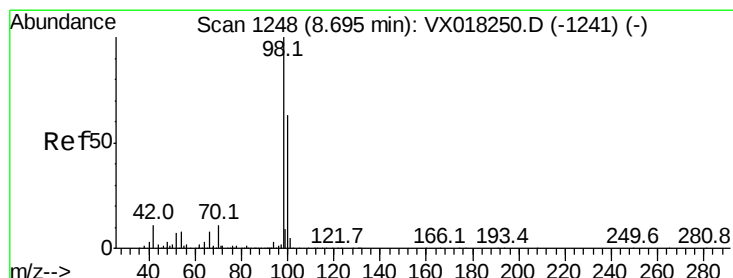
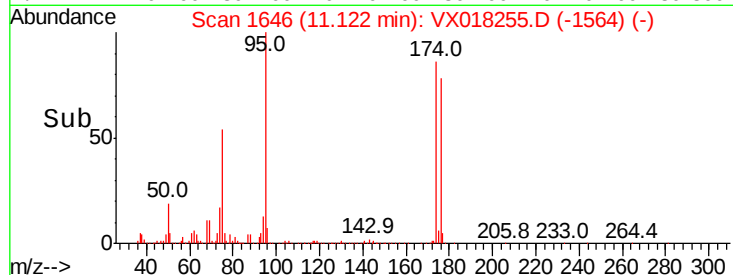
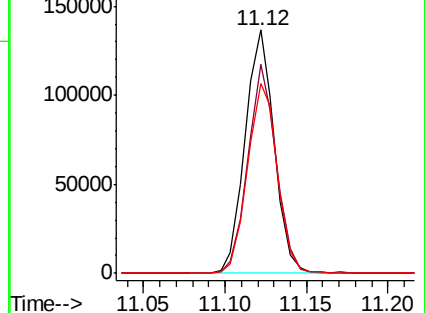
176 79.9 62.2 93.4



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: 28.970 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018255.D

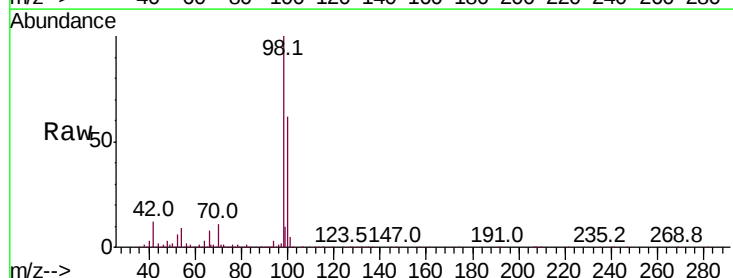
Acq: 04 Sep 2020 13:05

Tgt Ion: 98 Resp: 494544

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

