

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017141.D
 Acq On : 02 Jul 2020 12:30
 Operator : JC/SP
 Sample : VX0702WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL01

Quant Time: Jul 03 01:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	44462	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	222453	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	209386	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	96480	27.88	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.93%
60) 4-Bromofluorobenzene	11.12	95	93575	26.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.33%
63) Toluene-d8	8.70	98	263161	28.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.03%

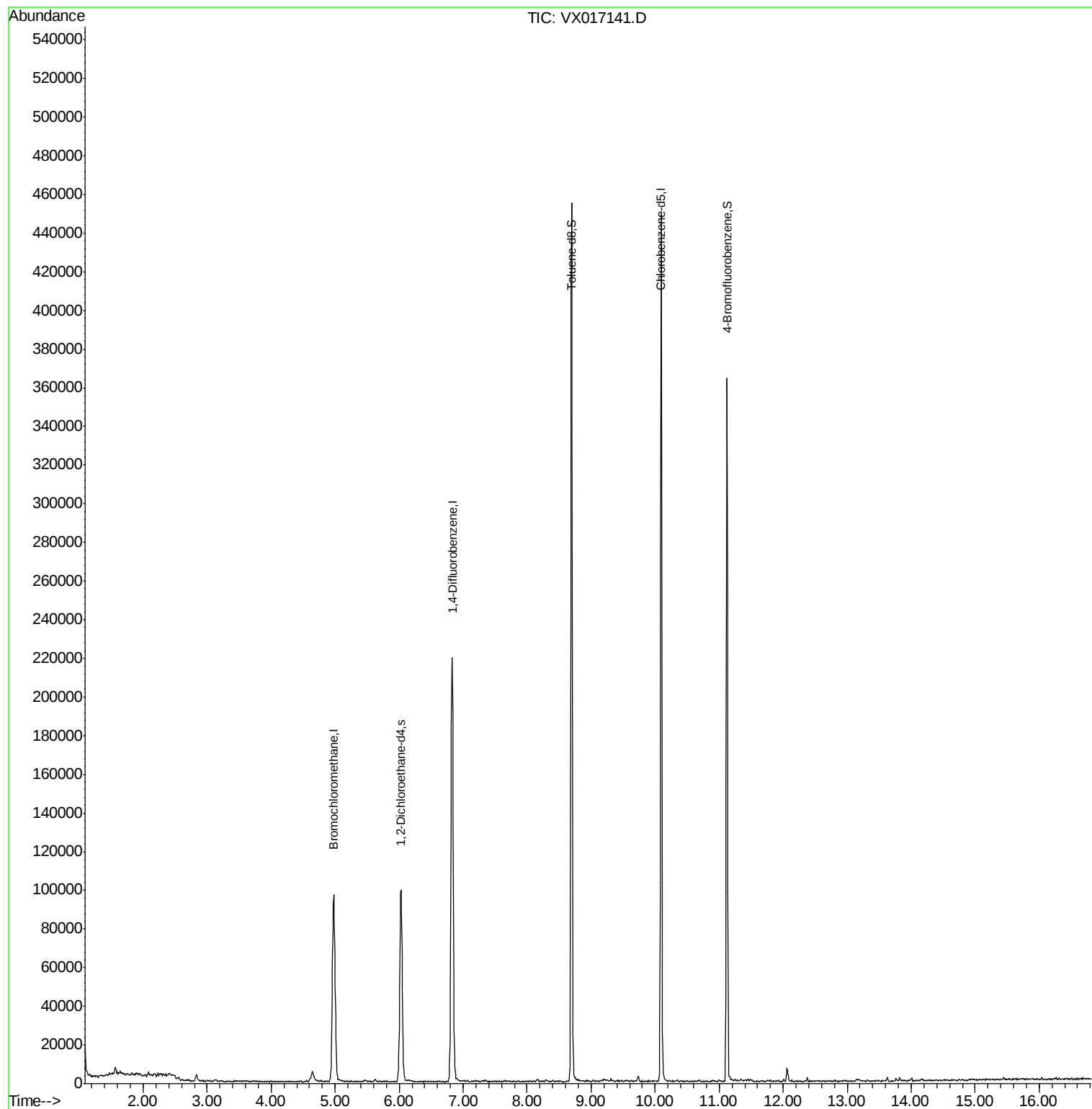
Target Compounds	Ovalue

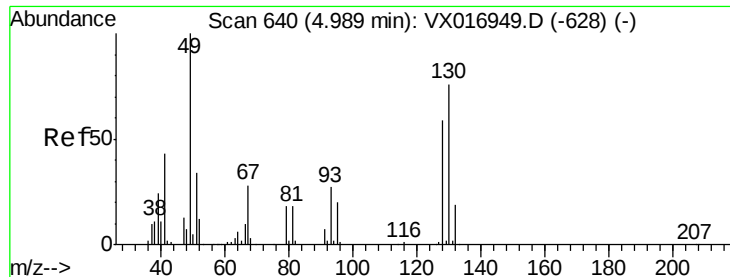
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017141.D

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Instrument :

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ClientSampleId :

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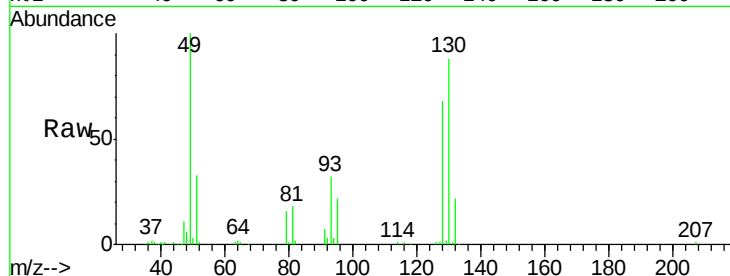
Tot Ion:128 Resp: 44462

Ion Ratio Lower Upper

128 100

49 146.5 0.0 428.0

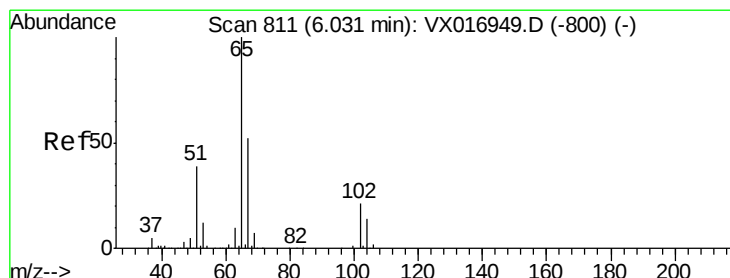
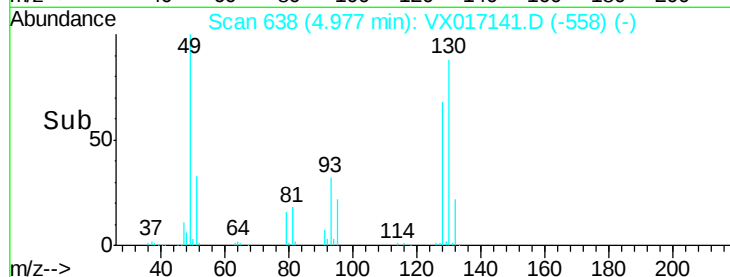
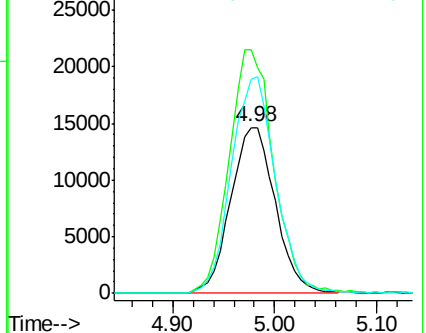
130 129.3 0.0 318.0



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: 27.879 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017141.D

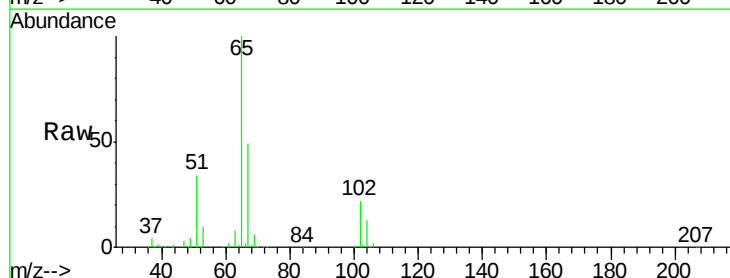
Acq: 02 Jul 2020 12:30

Tgt Ion: 65 Resp: 96480

Ion Ratio Lower Upper

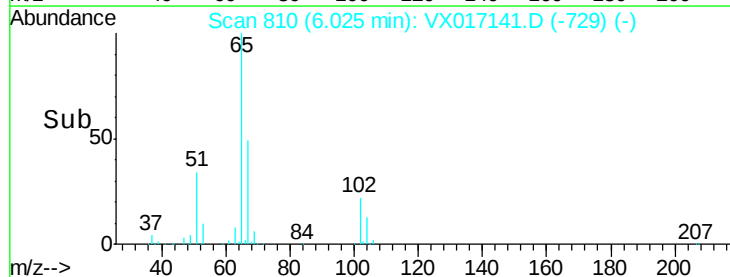
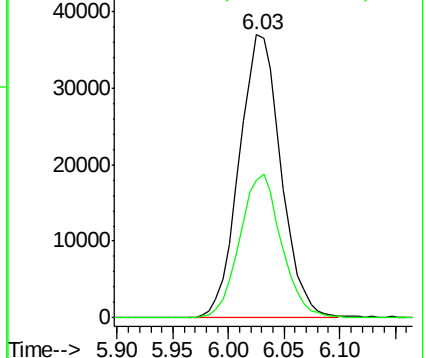
65 100

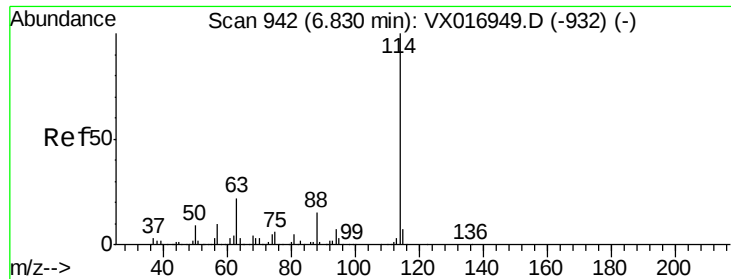
67 50.7 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

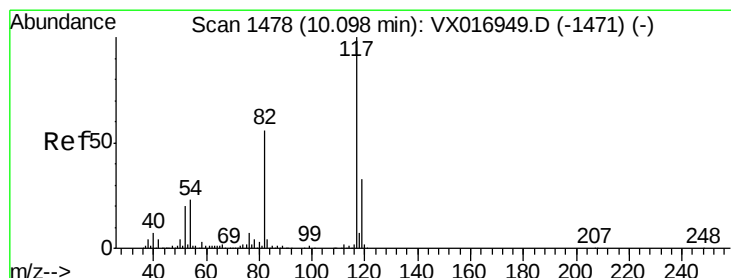
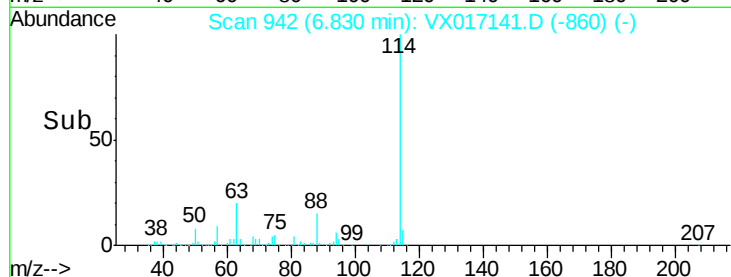
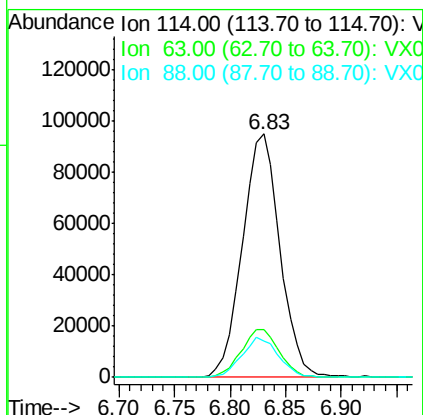
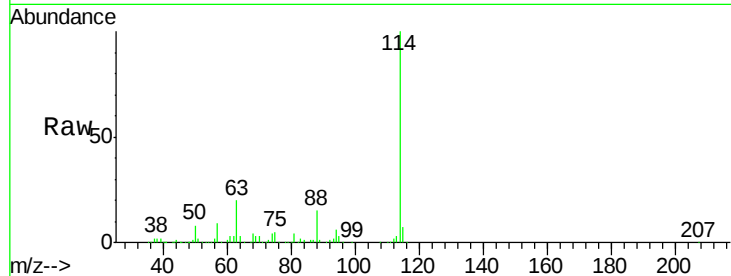




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017141.D
 Acq: 02 Jul 2020 12:30

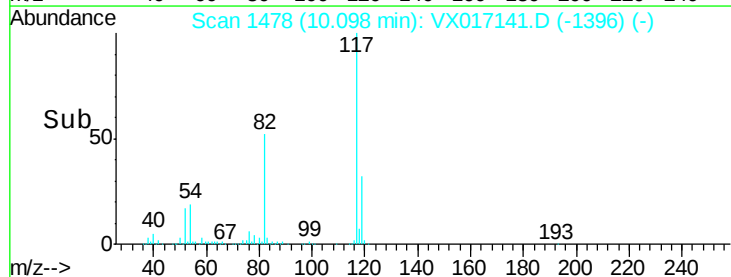
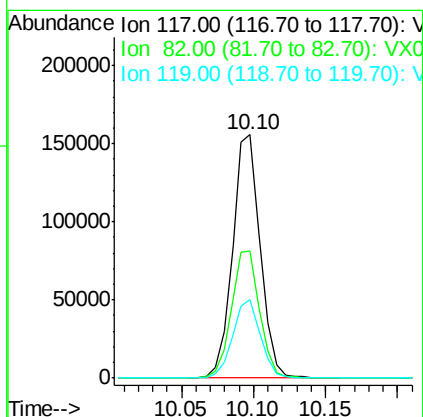
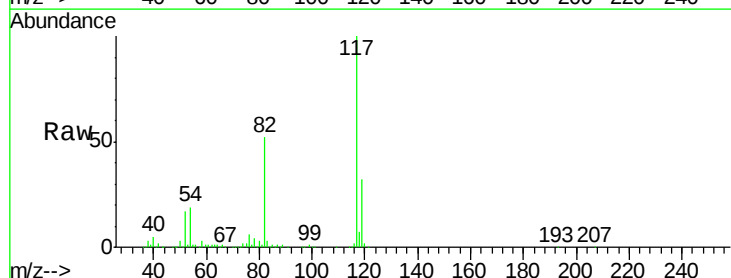
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL01

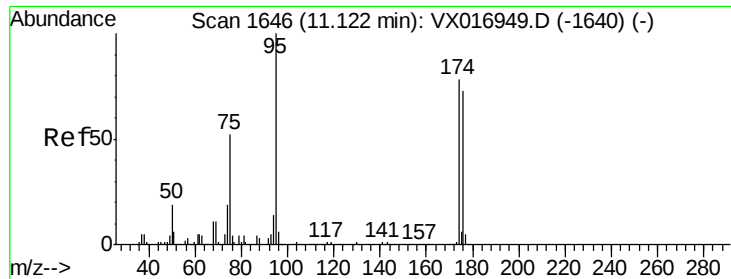
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	17.4	26.2
88	16.0	13.0	19.6



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX017141.D
 Acq: 02 Jul 2020 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.9	67.3
119	32.3	25.8	38.8

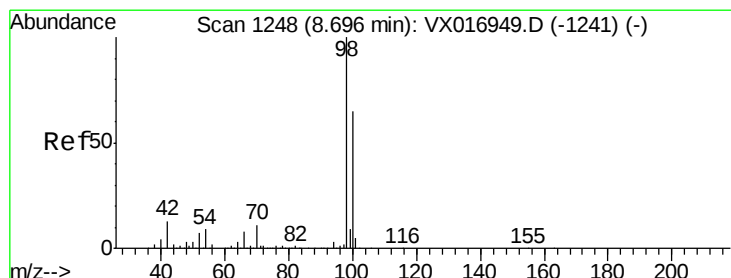
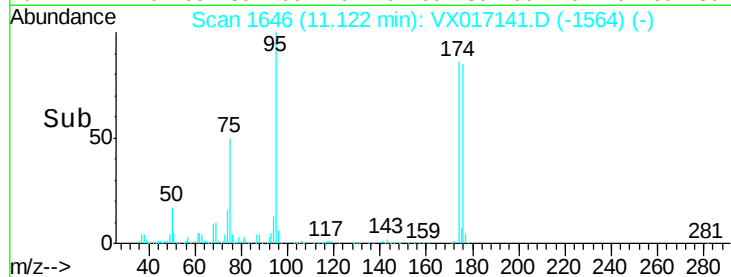
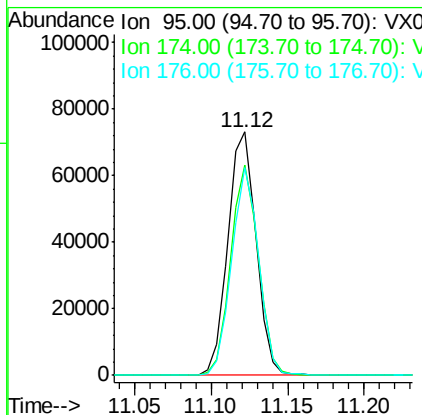
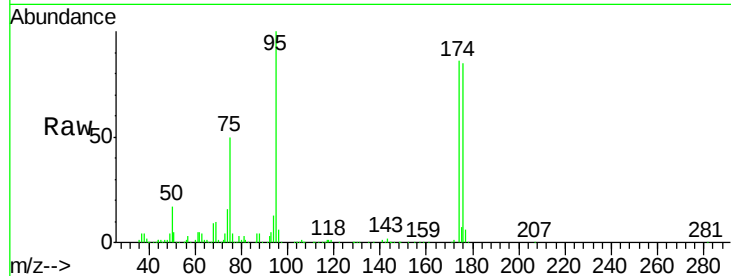




#60
4-Bromofluorobenzene
Concen: 26.797 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017141.D
Acq: 02 Jul 2020 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

Tot Ion	95	Resp	93575
Ion Ratio	100	Lower	Upper
174	84.7	62.2	93.4
176	82.0	58.9	88.3



#63
Toluene-d8
Concen: 28.512 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017141.D
Acq: 02 Jul 2020 12:30

Tgt Ion	98	Resp	263161
Ion Ratio	100	Lower	Upper
100	66.2	52.3	78.5

