

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035820.D
 Acq On : 23 May 2023 17:39
 Operator : JC/MD
 Sample : 02899-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

Quant Time: May 24 05:51:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

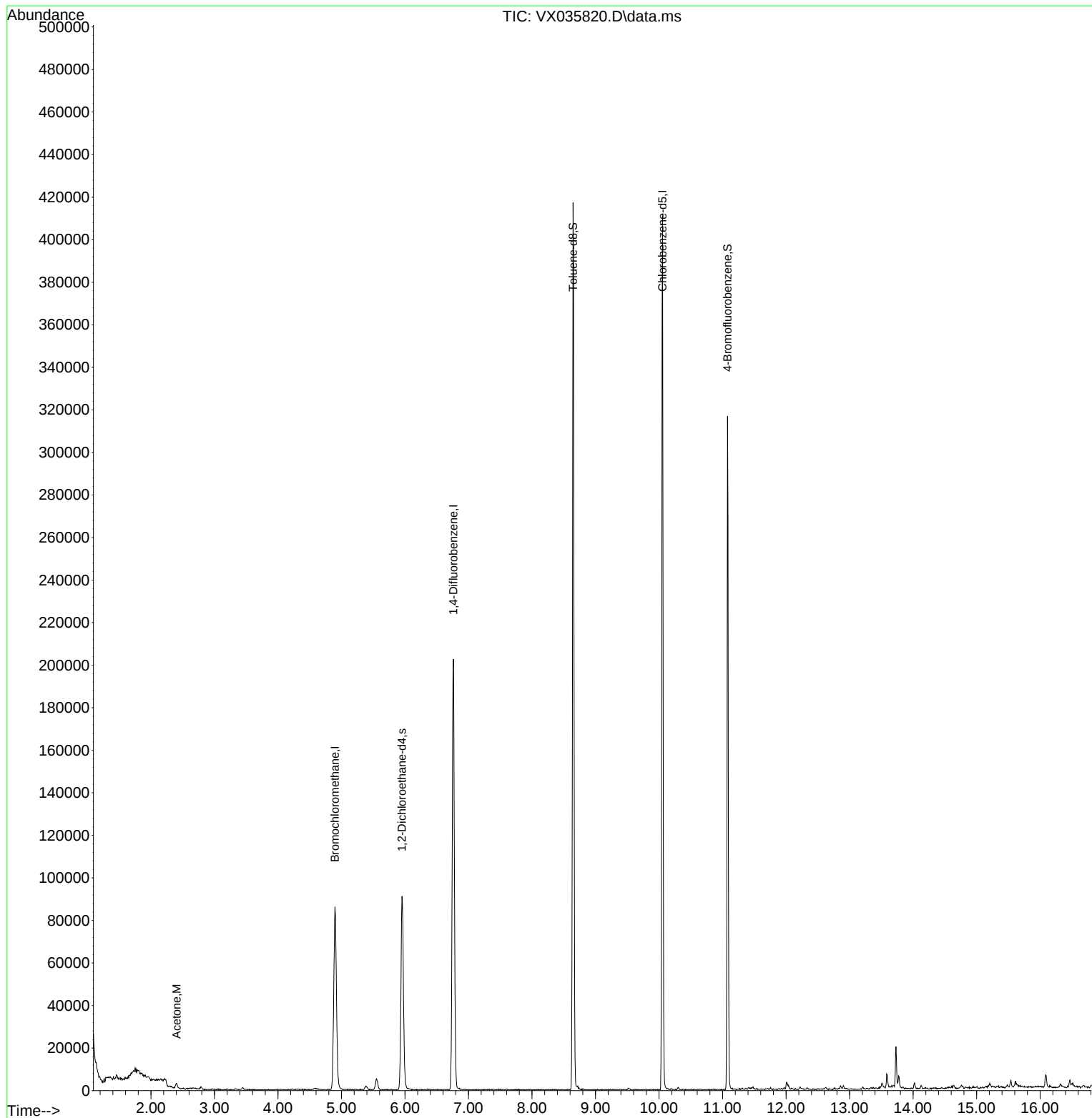
Internal Standards						
1) Bromochloromethane	4.897	128	34901	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	203525	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	173916	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	86983	29.995	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.000%
60) 4-Bromofluorobenzene	11.079	95	80257	27.502	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.667%
63) Toluene-d8	8.647	98	236591	30.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.567%
Target Compounds						
15) Acetone	2.404	58	1019	2.749	ug/l	Qvalue # 39

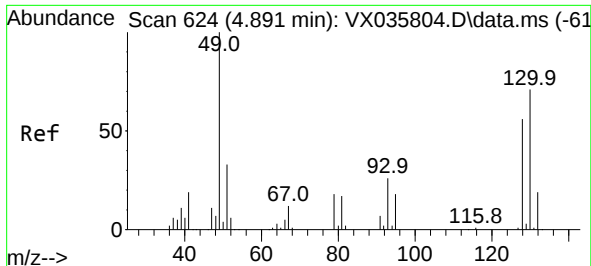
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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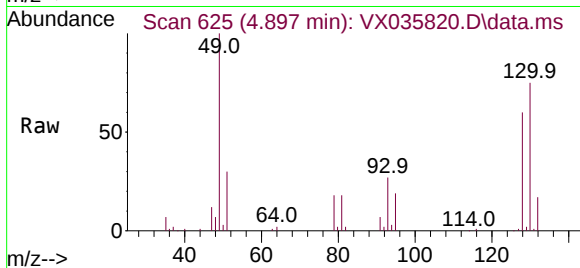
Quant Time: May 24 05:51:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration



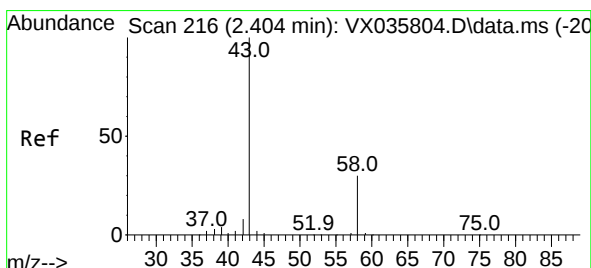
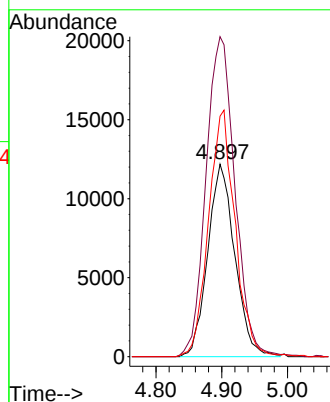
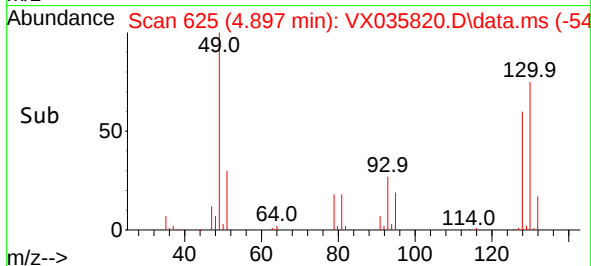


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035820.D
Acq: 23 May 2023 17:39

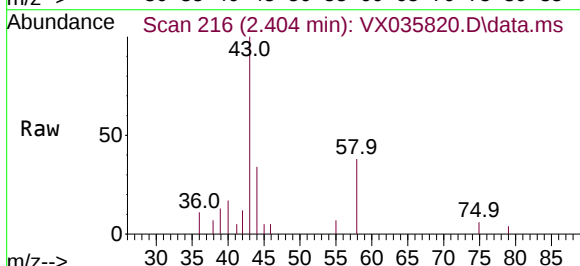
Instrument :
MSVOA_X
ClientSampleId :
TWP01



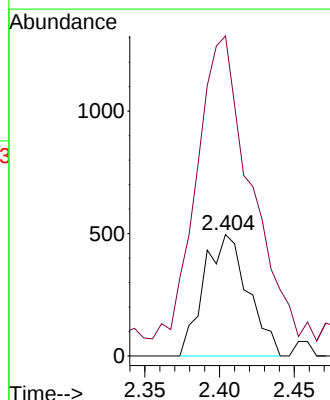
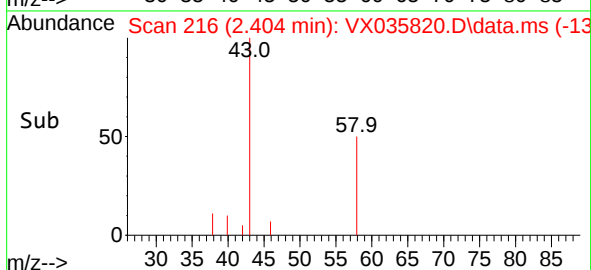
Tgt Ion:128 Resp: 34901
Ion Ratio Lower Upper
128 100
49 178.0 0.0 428.8
130 125.9 0.0 310.8

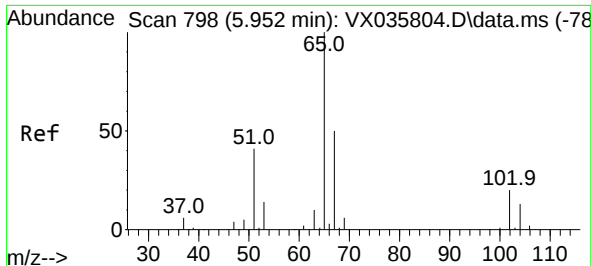


#15
Acetone
Concen: 2.749 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX035820.D
Acq: 23 May 2023 17:39



Tgt Ion: 58 Resp: 1019
Ion Ratio Lower Upper
58 100
43 209.1 270.8 406.2#

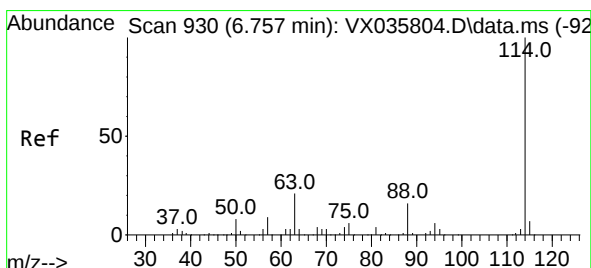
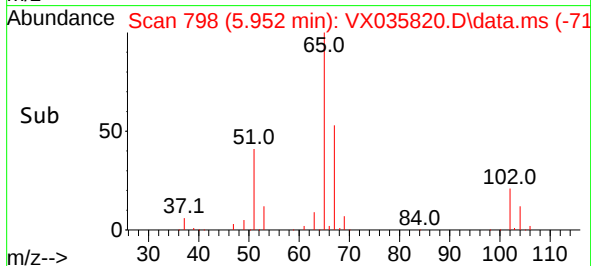
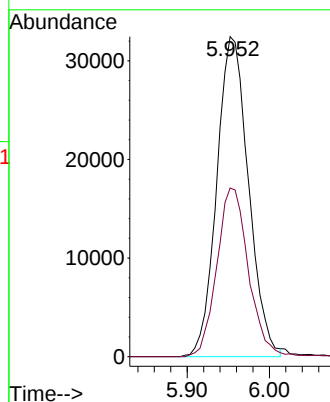
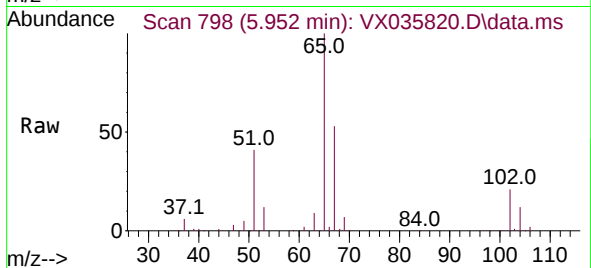




#27
1,2-Dichloroethane-d4
Concen: 29.995 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035820.D
Acq: 23 May 2023 17:39

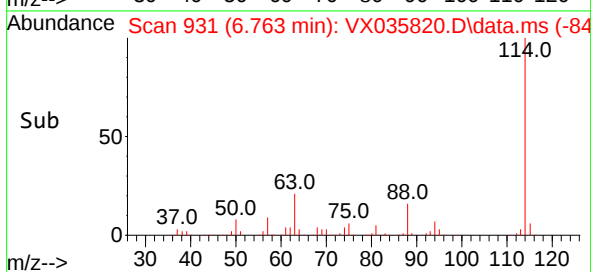
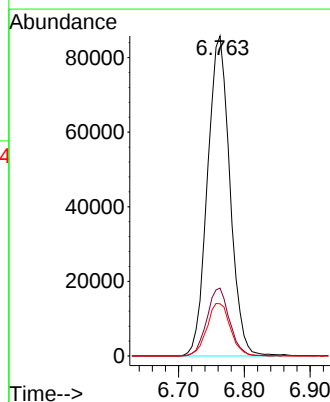
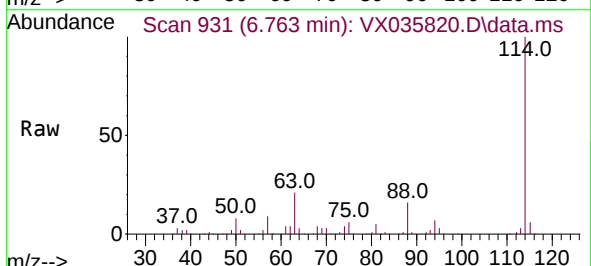
Instrument :
MSVOA_X
ClientSampleId :
TWP01

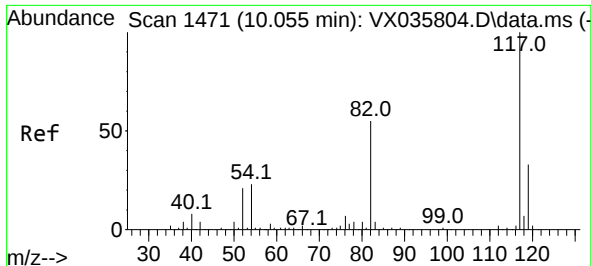
Tgt Ion: 65 Resp: 86983
Ion Ratio Lower Upper
65 100
67 52.5 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035820.D
Acq: 23 May 2023 17:39

Tgt Ion: 114 Resp: 203525
Ion Ratio Lower Upper
114 100
63 21.3 18.0 27.0
88 17.1 13.3 19.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035820.D

Acq: 23 May 2023 17:39

Instrument :

MSVOA_X

ClientSampleId :

TWP01

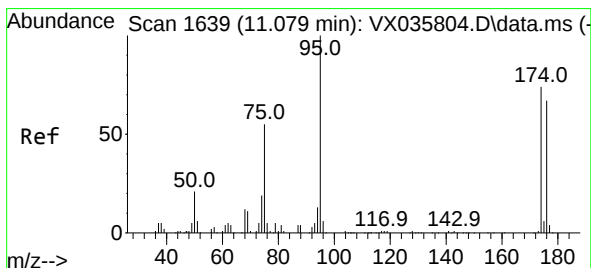
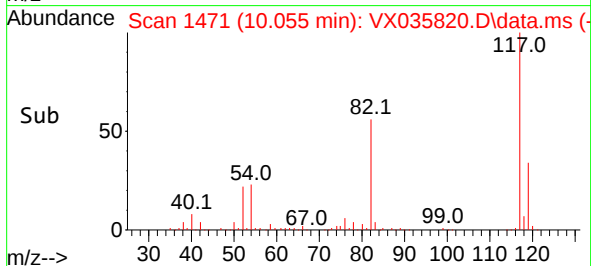
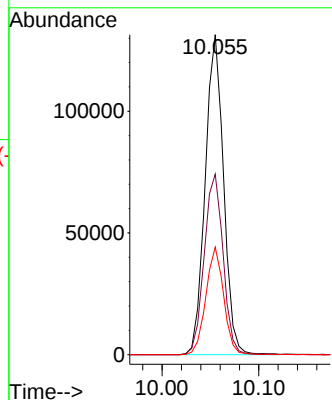
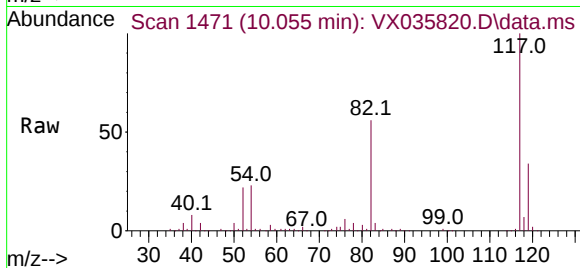
Tgt Ion:117 Resp: 173916

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.8

119 32.6 25.4 38.0



#60

4-Bromofluorobenzene

Concen: 27.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035820.D

Acq: 23 May 2023 17:39

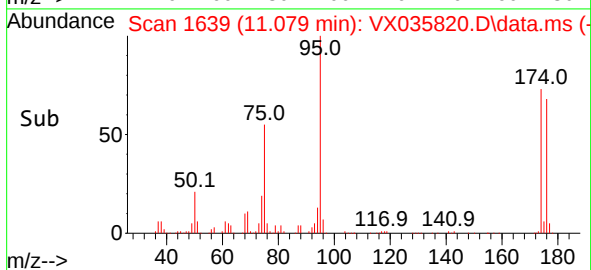
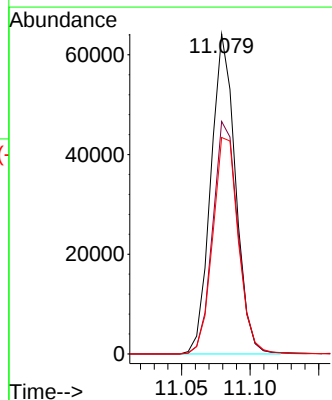
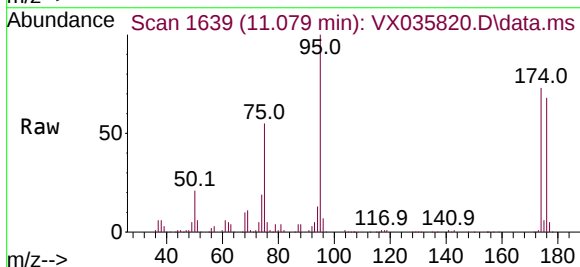
Tgt Ion: 95 Resp: 80257

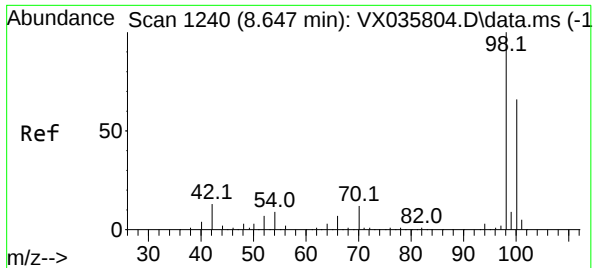
Ion Ratio Lower Upper

95 100

174 74.3 0.2 0.4#

176 70.6 0.2 0.2#





#63
 Toluene-d8
 Concen: 30.772 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035820.D
 Acq: 23 May 2023 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP01

Tgt Ion: 98 Resp: 236591

Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.1	78.1

