

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042959.D
 Acq On : 08 Aug 2024 16:56
 Operator : JC/MD
 Sample : PB162548ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#13

Quant Time: Aug 09 05:12:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

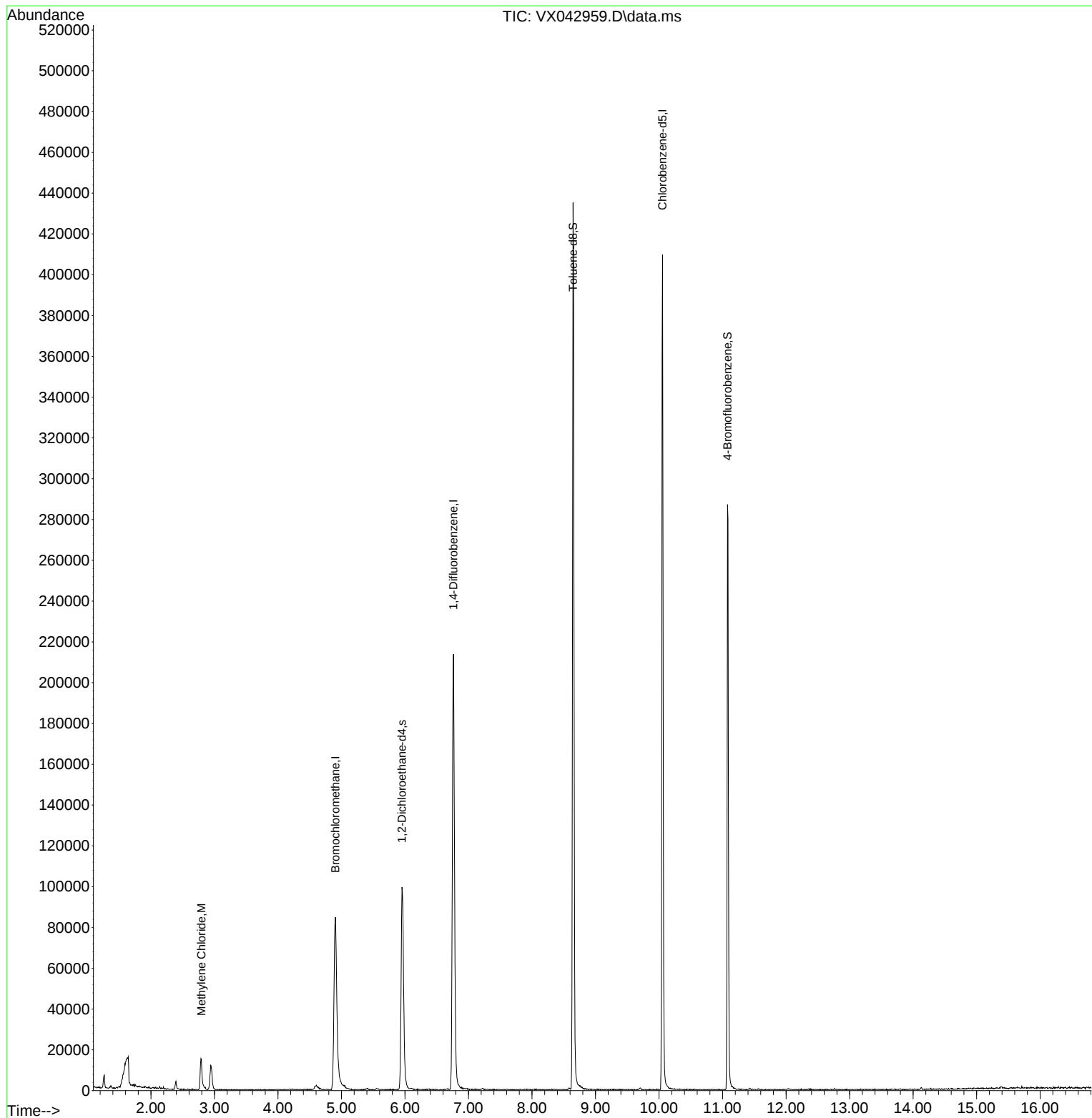
Internal Standards						
1) Bromochloromethane	4.904	128	39505	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	217277	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	192365	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	101077	27.708	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.367%
60) 4-Bromofluorobenzene	11.079	95	79340	25.281	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.267%
63) Toluene-d8	8.647	98	263914	30.373	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.233%
Target Compounds						
18) Methylene Chloride	2.794	84	8486	3.095	ug/l	Qvalue 91

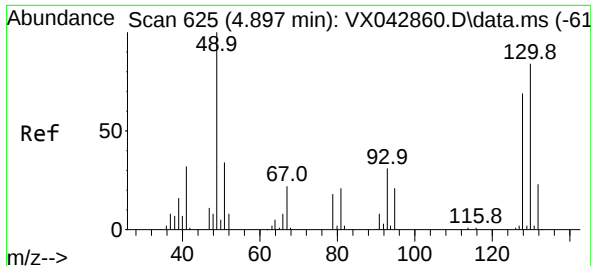
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.007 min

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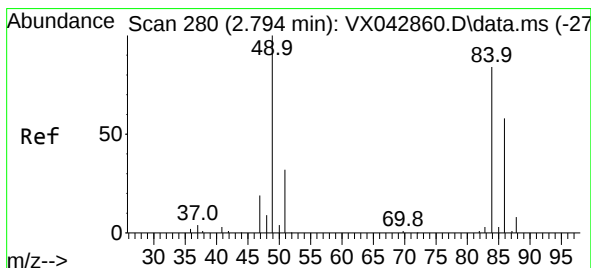
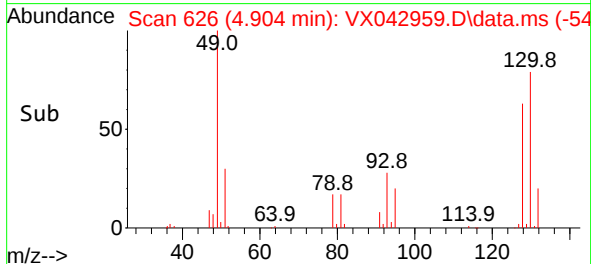
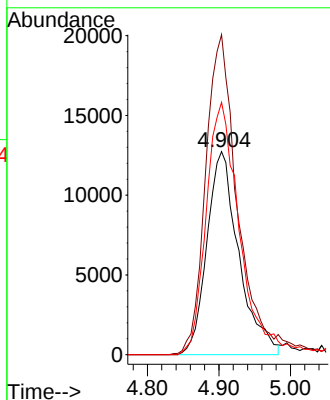
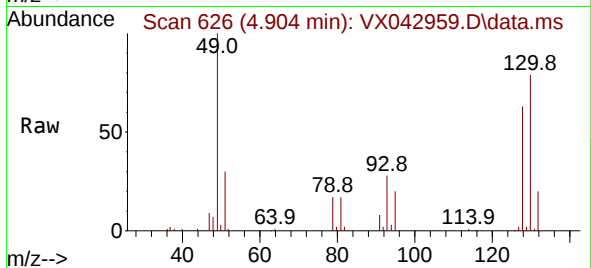
Tgt Ion:128 Resp: 39505

Ion Ratio Lower Upper

128 100

49 154.5 0.0 400.5

130 125.7 0.0 333.0



#18

Methylene Chloride

Concen: 3.095 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX042959.D

Acq: 08 Aug 2024 16:56

Tgt Ion: 84 Resp: 8486

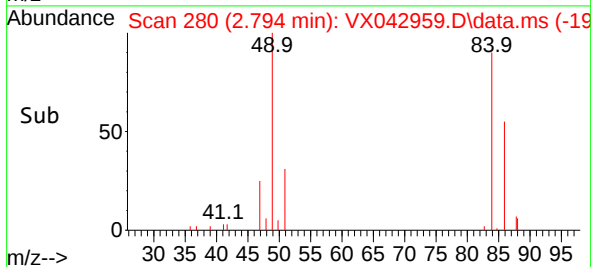
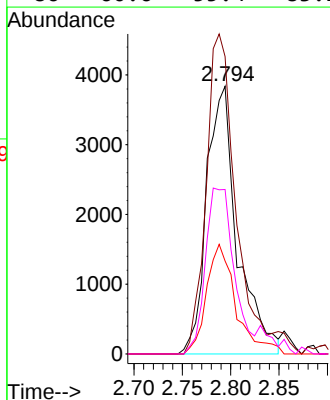
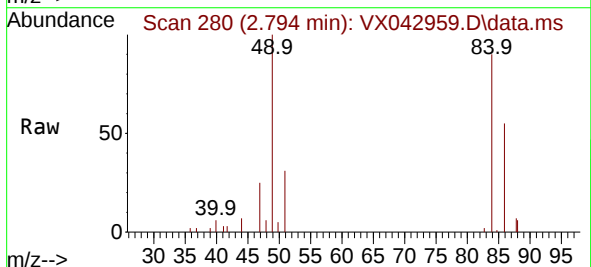
Ion Ratio Lower Upper

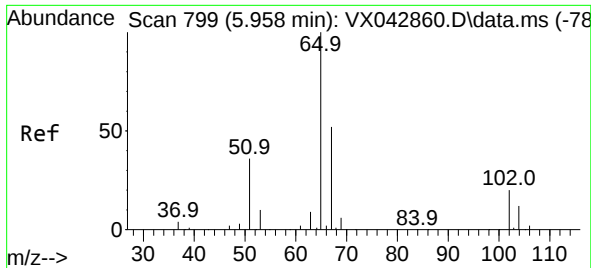
84 100

49 109.5 95.0 142.6

51 34.2 30.1 45.1

86 60.6 55.4 83.2

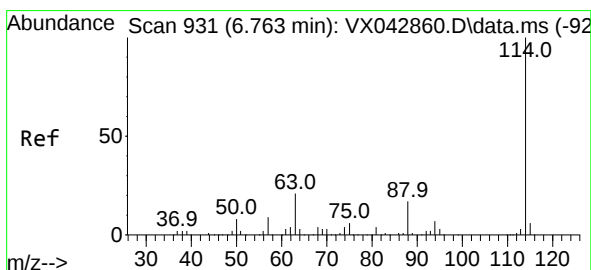
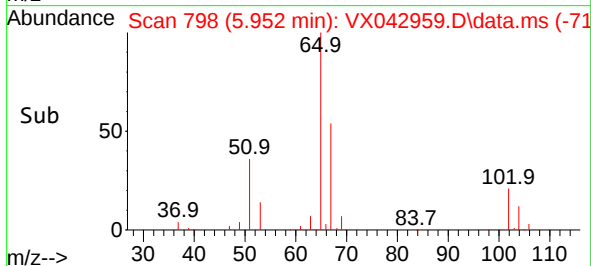
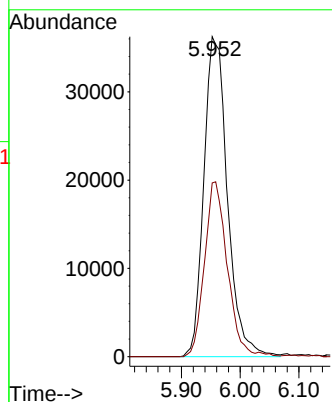
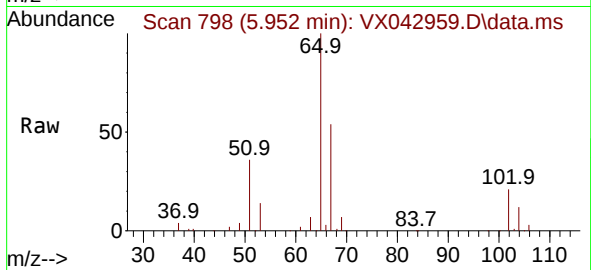




#27
 1,2-Dichloroethane-d4
 Concen: 27.708 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX042959.D
 Acq: 08 Aug 2024 16:56

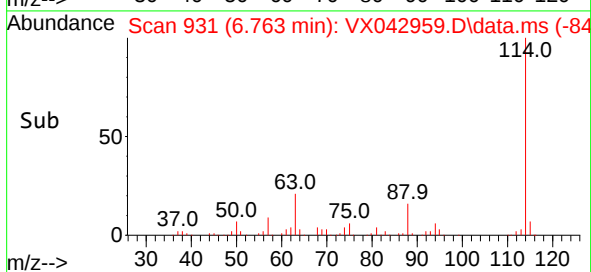
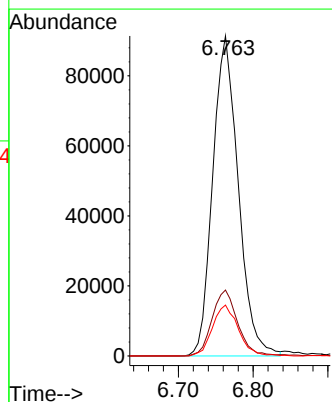
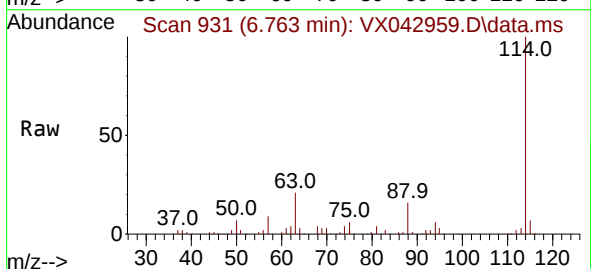
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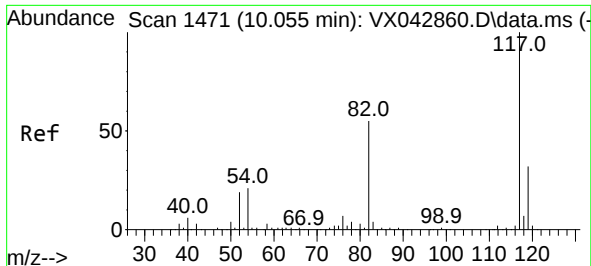
Tgt Ion: 65 Resp: 101077
 Ion Ratio Lower Upper
 65 100
 67 52.3 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042959.D
 Acq: 08 Aug 2024 16:56

Tgt Ion: 114 Resp: 217277
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.0 24.0
 88 16.0 12.5 18.7

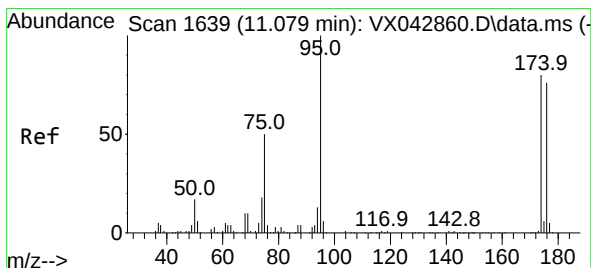
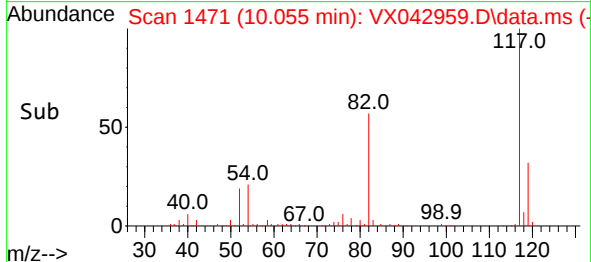
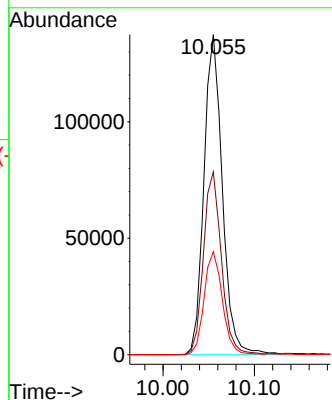
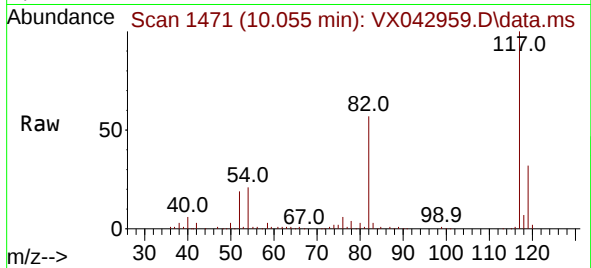




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042959.D
Acq: 08 Aug 2024 16:56

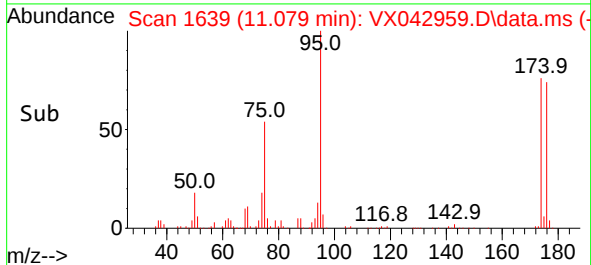
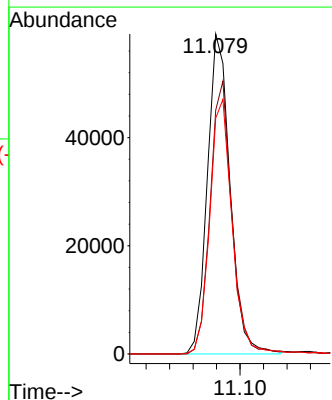
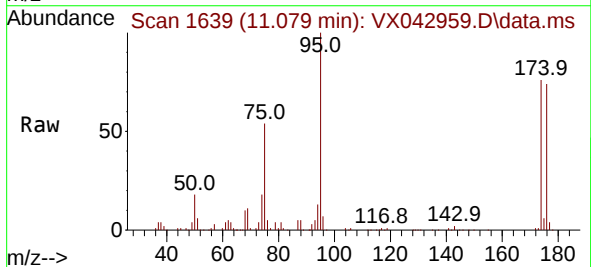
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#13

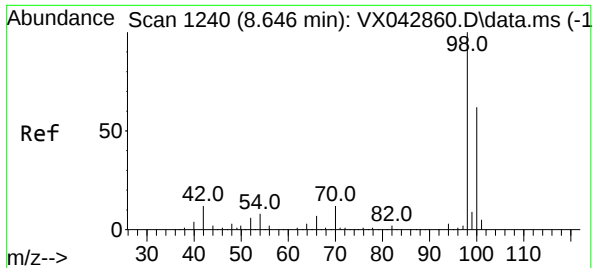
Tgt Ion:117 Resp: 192365
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 25.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042959.D
Acq: 08 Aug 2024 16:56

Tgt Ion: 95 Resp: 79340
Ion Ratio Lower Upper
95 100
174 82.1 65.0 97.6
176 78.1 63.4 95.0





#63
 Toluene-d8
 Concen: 30.373 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042959.D
 Acq: 08 Aug 2024 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#13

Tgt Ion: 98 Resp: 263914
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3

