

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042960.D
 Acq On : 08 Aug 2024 17:20
 Operator : JC/MD
 Sample : PB162548ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#14

Quant Time: Aug 09 05:12:40 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)

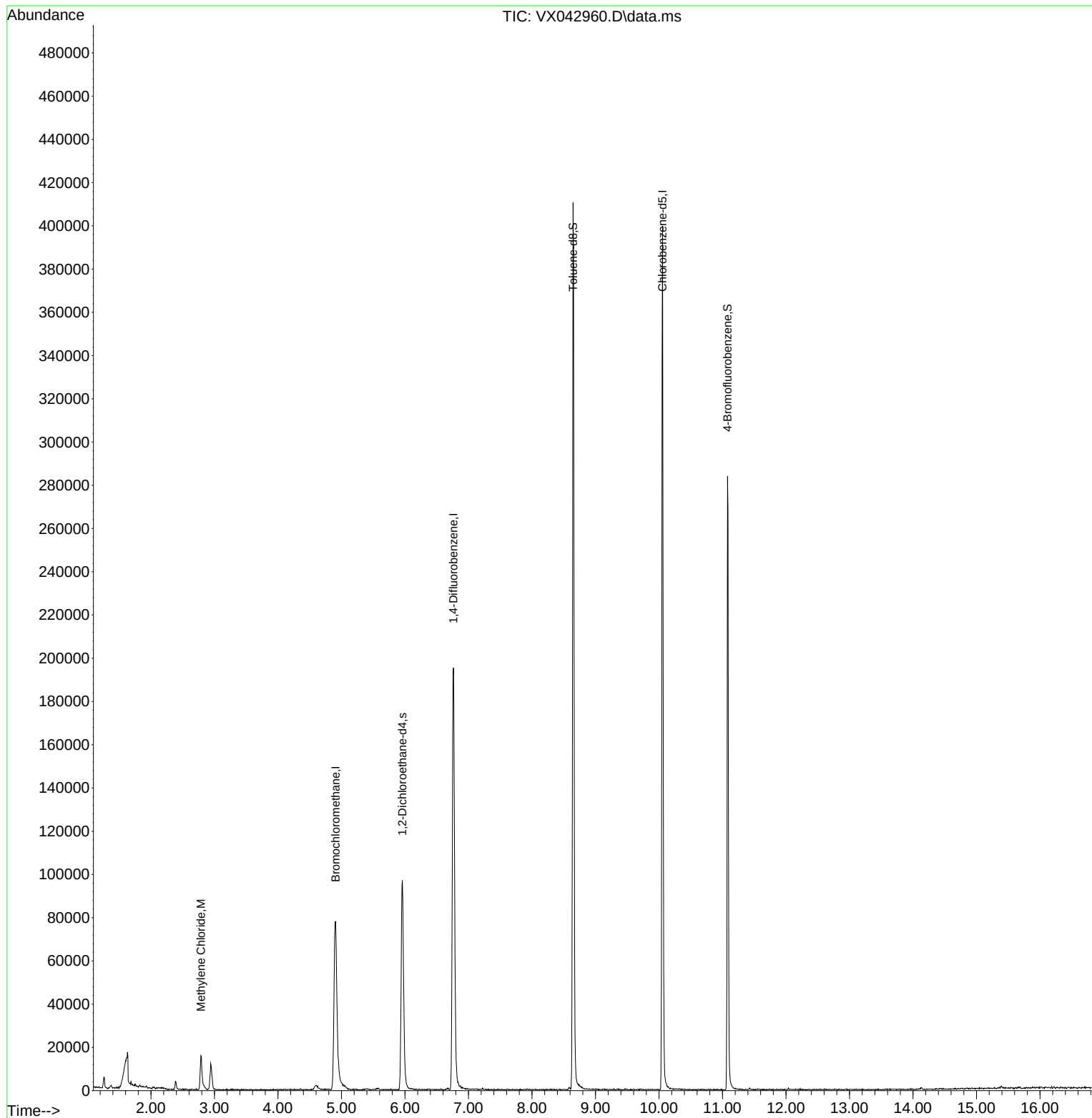
Internal Standards						
1) Bromochloromethane	4.910	128	37113	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	211966	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	184959	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	98323	28.690	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.633%
60) 4-Bromofluorobenzene	11.079	95	79138	26.226	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.433%
63) Toluene-d8	8.647	98	252367	30.207	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
18) Methylene Chloride	2.788	84	8249	3.203	ug/l	Qvalue # 92

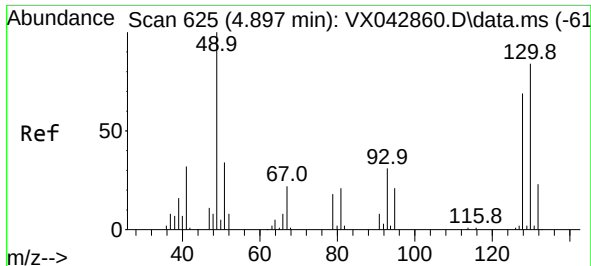
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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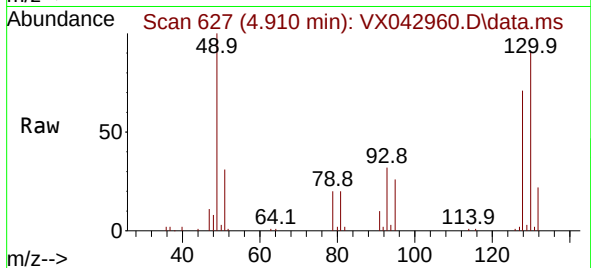
Quant Time: Aug 09 05:12:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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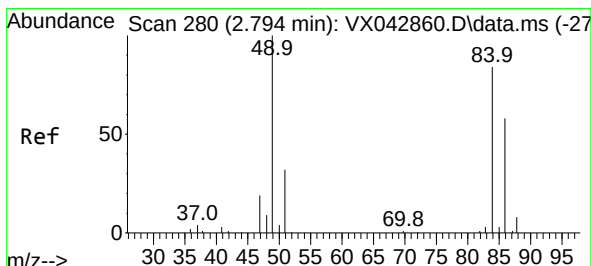
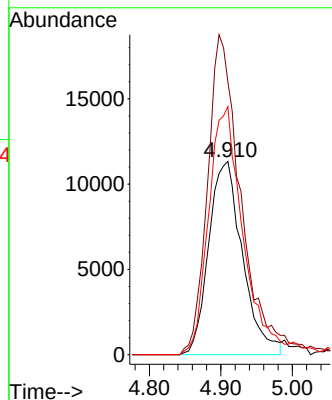
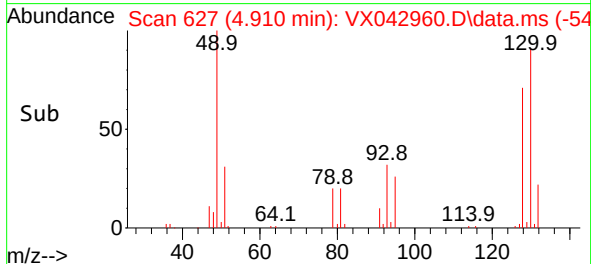


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042960.D
Acq: 08 Aug 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#14

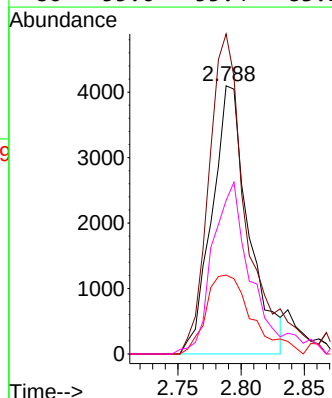
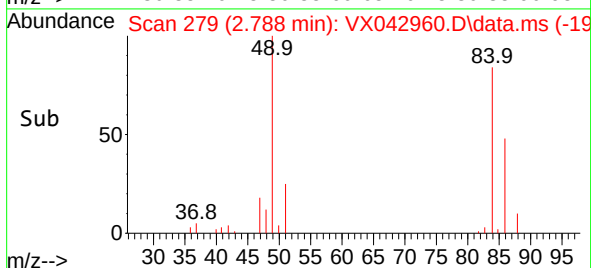
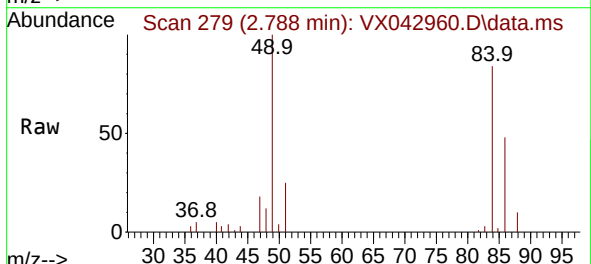


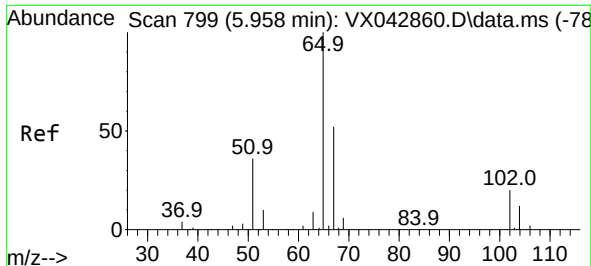
Tgt Ion:128 Resp: 37113
Ion Ratio Lower Upper
128 100
49 164.0 0.0 400.5
130 129.7 0.0 333.0



#18
Methylene Chloride
Concen: 3.203 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042960.D
Acq: 08 Aug 2024 17:20

Tgt Ion: 84 Resp: 8249
Ion Ratio Lower Upper
84 100
49 119.4 95.0 142.6
51 29.4 30.1 45.1#
86 55.6 55.4 83.2

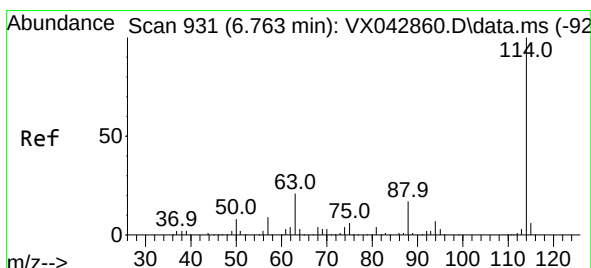
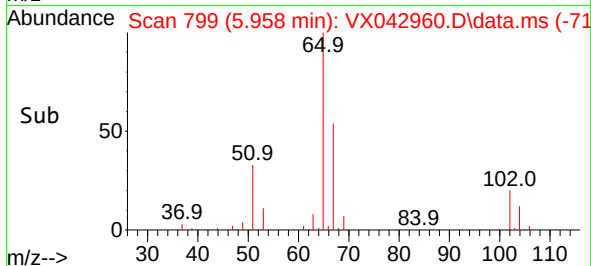
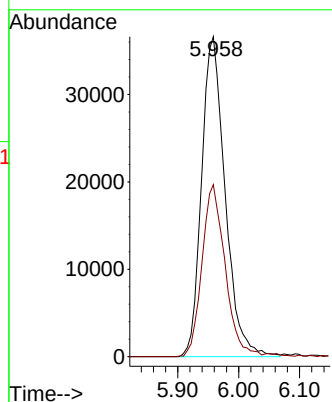
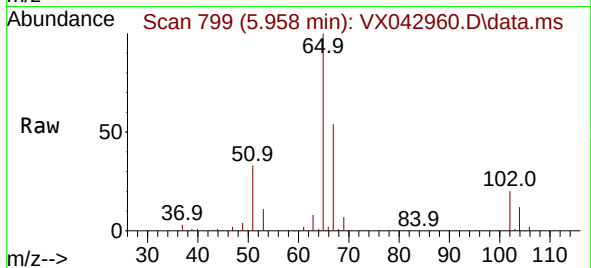




#27
 1,2-Dichloroethane-d4
 Concen: 28.690 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: VX042960.D
 Acq: 08 Aug 2024 17:20

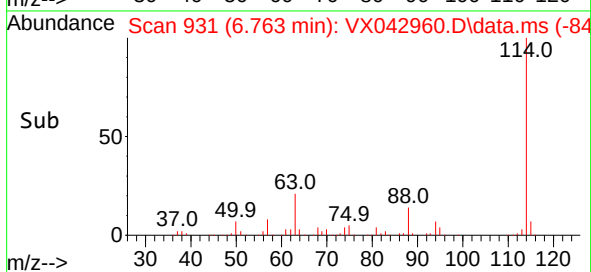
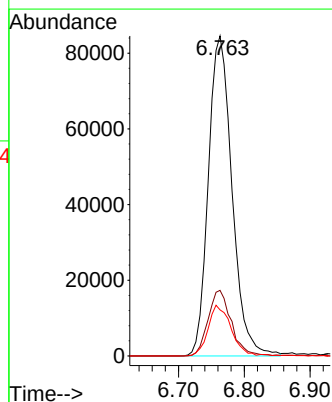
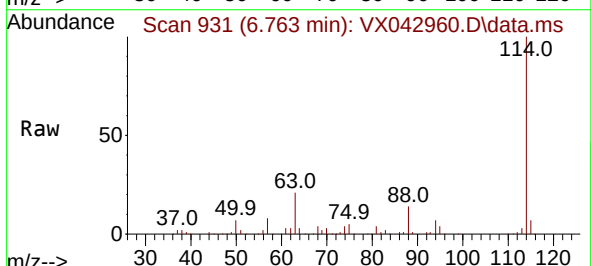
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#14

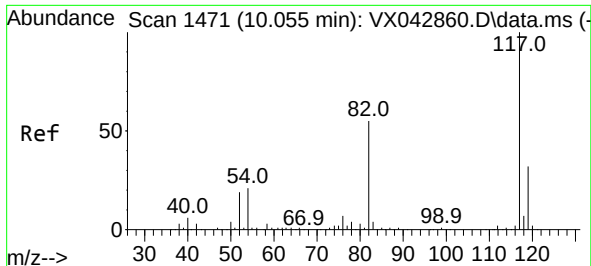
Tgt Ion: 65 Resp: 98323
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042960.D
 Acq: 08 Aug 2024 17:20

Tgt Ion: 114 Resp: 211966
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.0 24.0
 88 15.3 12.5 18.7





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VX042960.D

Acq: 08 Aug 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#14

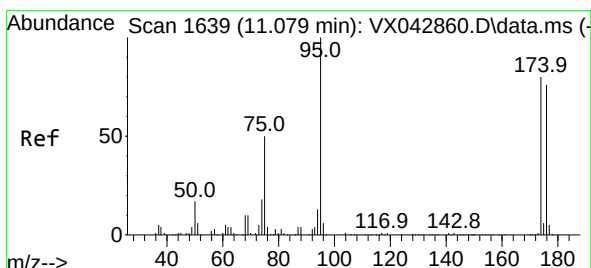
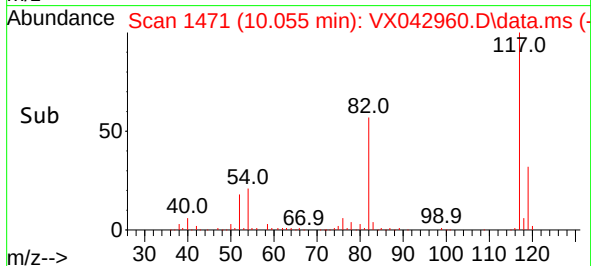
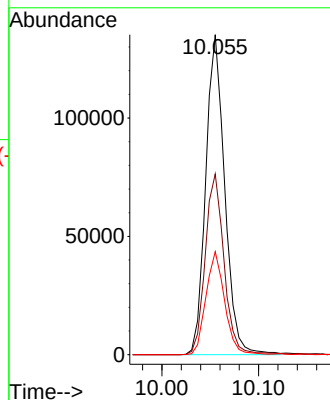
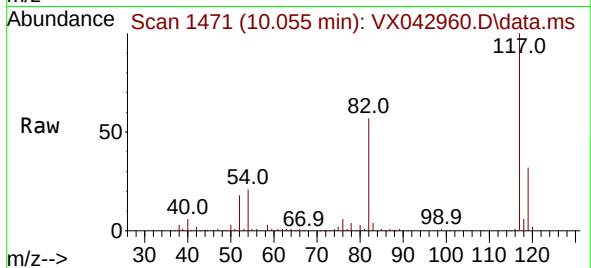
Tgt Ion:117 Resp: 184959

Ion Ratio Lower Upper

117 100

82 56.1 44.9 67.3

119 31.5 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 26.226 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042960.D

Acq: 08 Aug 2024 17:20

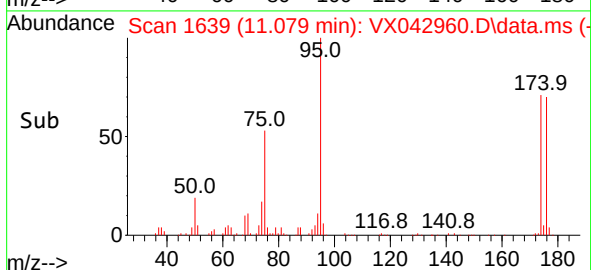
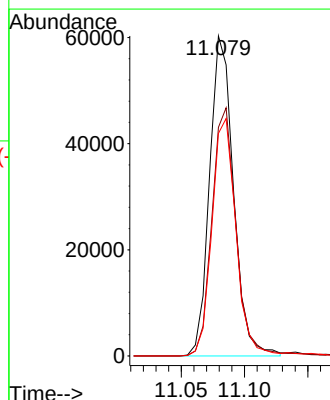
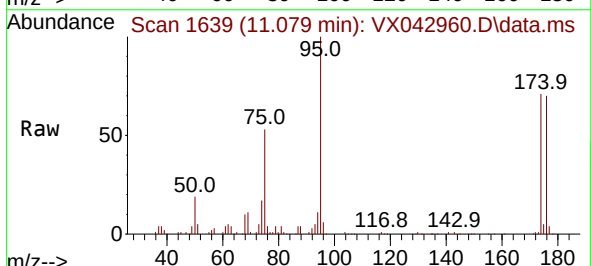
Tgt Ion: 95 Resp: 79138

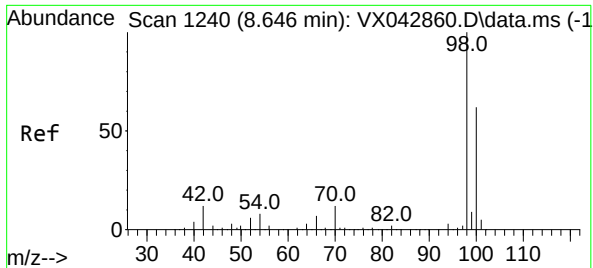
Ion Ratio Lower Upper

95 100

174 78.9 65.0 97.6

176 74.6 63.4 95.0





#63
Toluene-d8
Concen: 30.207 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042960.D
Acq: 08 Aug 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#14

Tgt Ion: 98 Resp: 252367
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

