

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042949.D
 Acq On : 08 Aug 2024 13:05
 Operator : JC/MD
 Sample : PB162548ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#03

Quant Time: Aug 09 05:08:31 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)

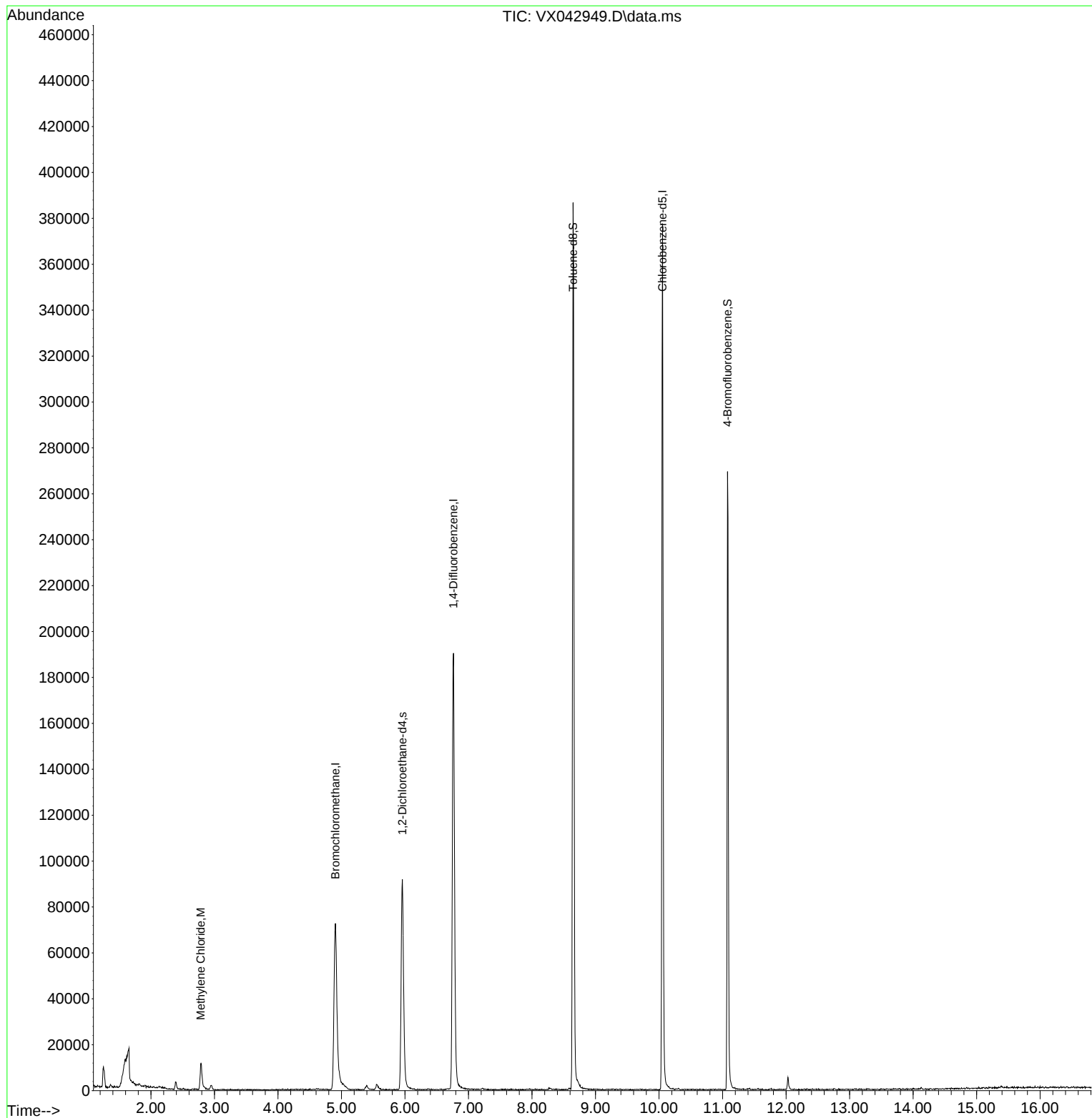
Internal Standards						
1) Bromochloromethane	4.903	128	34070	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	198765	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	174584	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	93530	29.729	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.100%
60) 4-Bromofluorobenzene	11.079	95	75768	26.602	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.667%
63) Toluene-d8	8.647	98	240390	30.483	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%
Target Compounds						
18) Methylene Chloride	2.782	84	6279	2.655	ug/l	Qvalue 92

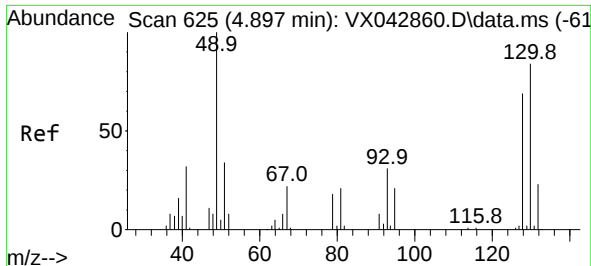
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 07 04:53:59 2024
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX042949.D

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MSVOA_X

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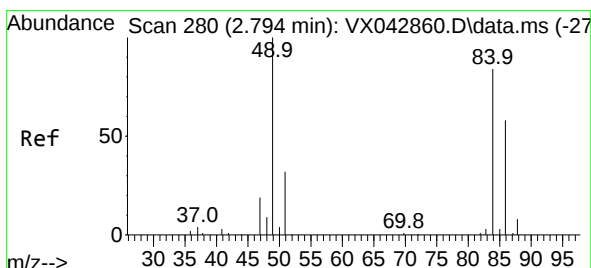
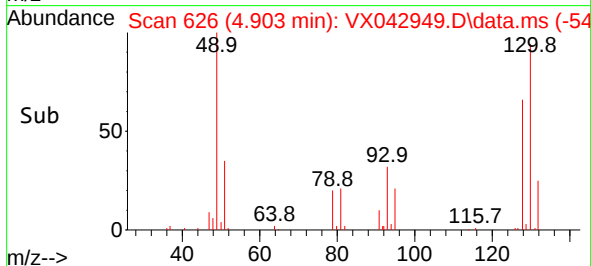
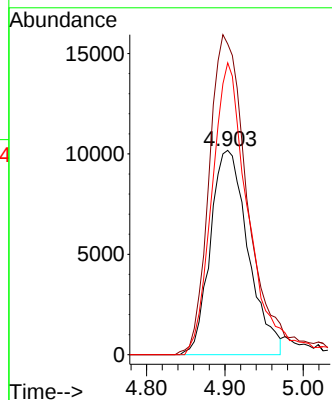
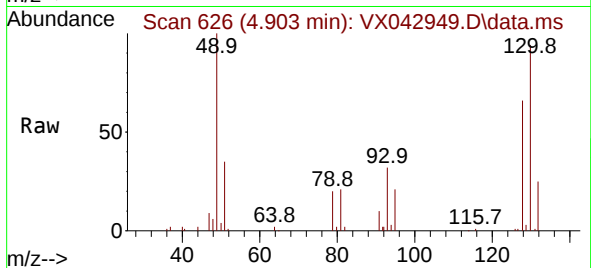
Tgt Ion:128 Resp: 34070

Ion Ratio Lower Upper

128 100

49 157.9 0.0 400.5

130 138.2 0.0 333.0



#18

Methylene Chloride

Concen: 2.655 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX042949.D

Acq: 08 Aug 2024 13:05

Tgt Ion: 84 Resp: 6279

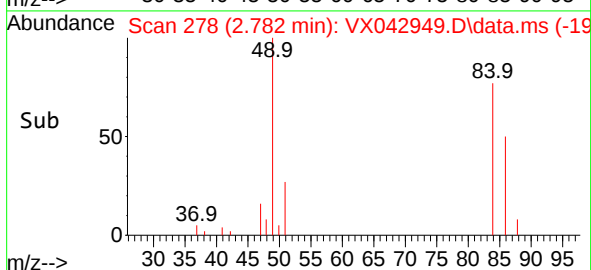
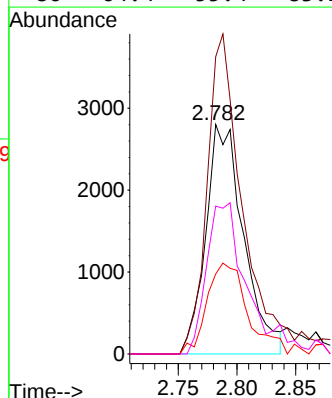
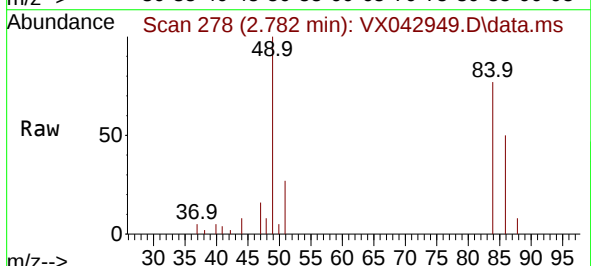
Ion Ratio Lower Upper

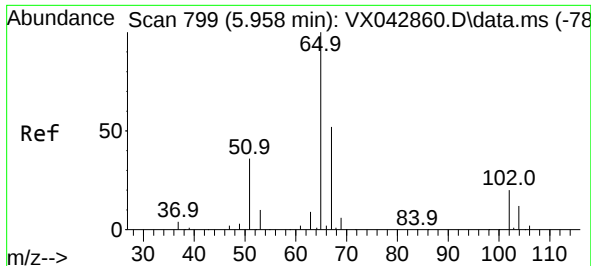
84 100

49 129.6 95.0 142.6

51 34.9 30.1 45.1

86 64.4 55.4 83.2

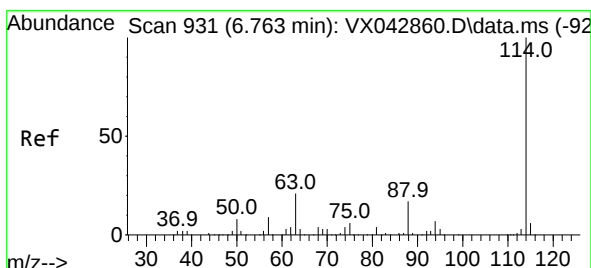
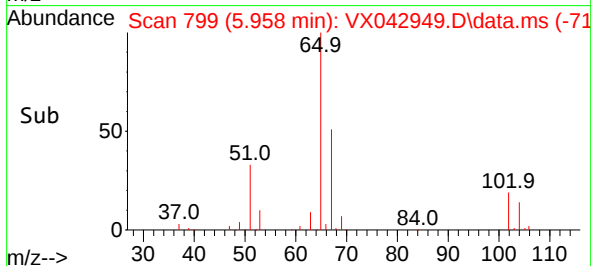
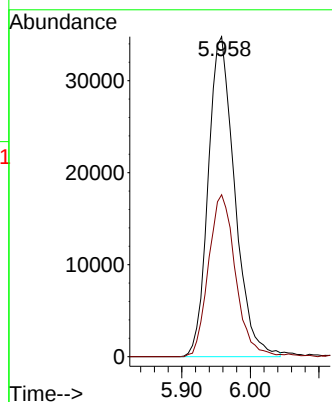
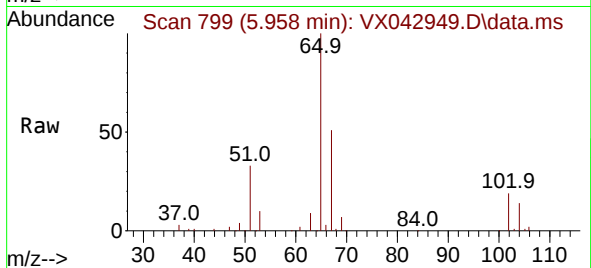




#27
 1,2-Dichloroethane-d4
 Concen: 29.729 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042949.D
 Acq: 08 Aug 2024 13:05

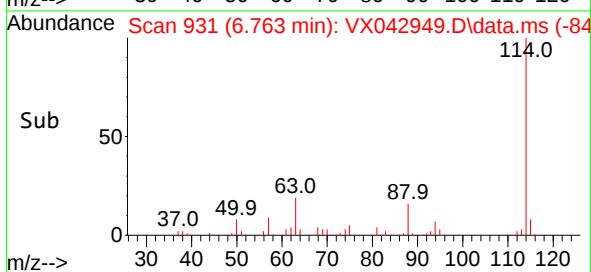
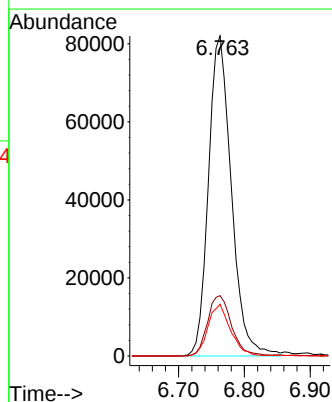
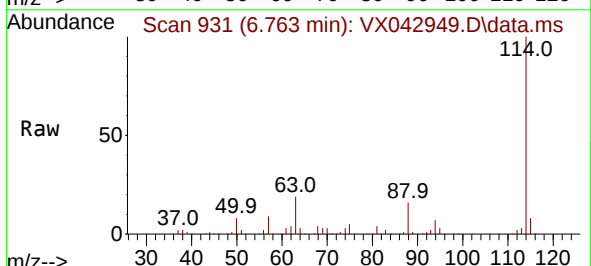
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#03

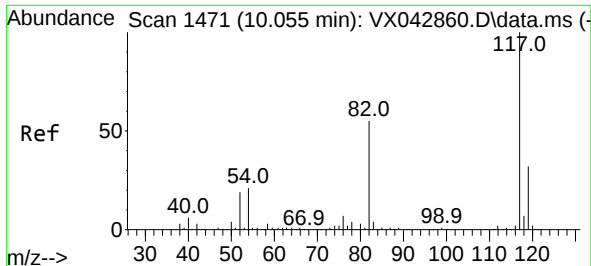
Tgt Ion: 65 Resp: 93530
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042949.D
 Acq: 08 Aug 2024 13:05

Tgt Ion: 114 Resp: 198765
 Ion Ratio Lower Upper
 114 100
 63 19.8 16.0 24.0
 88 15.8 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: VX042949.D

Acq: 08 Aug 2024 13:05

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#03

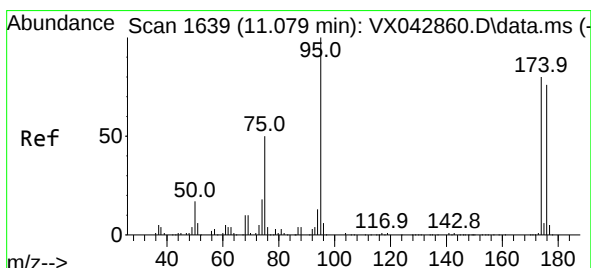
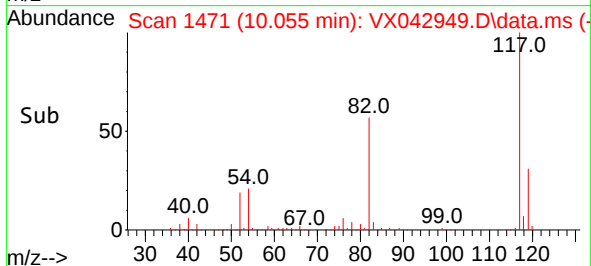
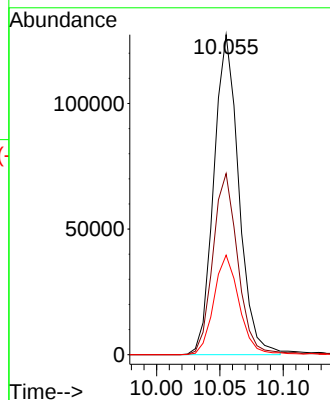
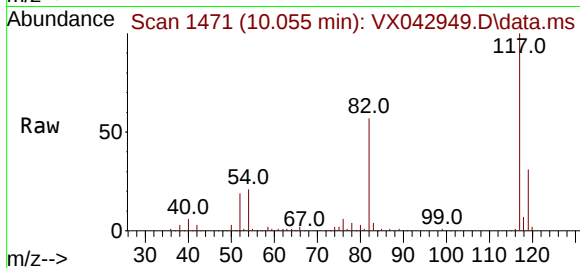
Tgt Ion:117 Resp: 174584

Ion Ratio Lower Upper

117 100

82 56.8 44.9 67.3

119 31.4 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 26.602 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042949.D

Acq: 08 Aug 2024 13:05

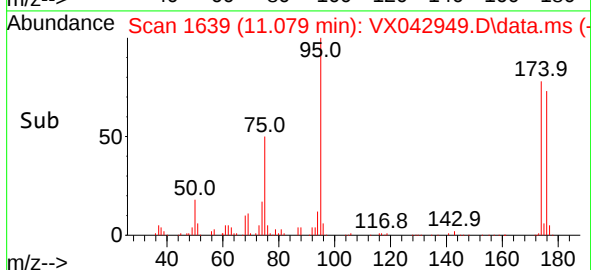
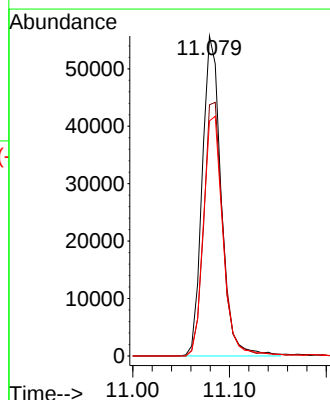
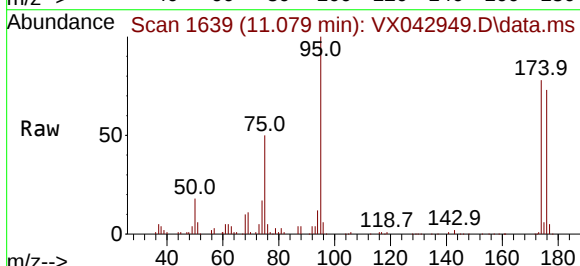
Tgt Ion: 95 Resp: 75768

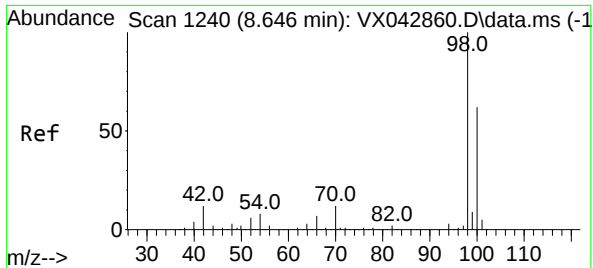
Ion Ratio Lower Upper

95 100

174 79.6 65.0 97.6

176 77.3 63.4 95.0





#63
 Toluene-d8
 Concen: 30.483 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042949.D
 Acq: 08 Aug 2024 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#03

Tgt Ion: 98 Resp: 240390
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

