

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042957.D
 Acq On : 08 Aug 2024 16:10
 Operator : JC/MD
 Sample : PB162548ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#11

Quant Time: Aug 09 05:11:34 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)

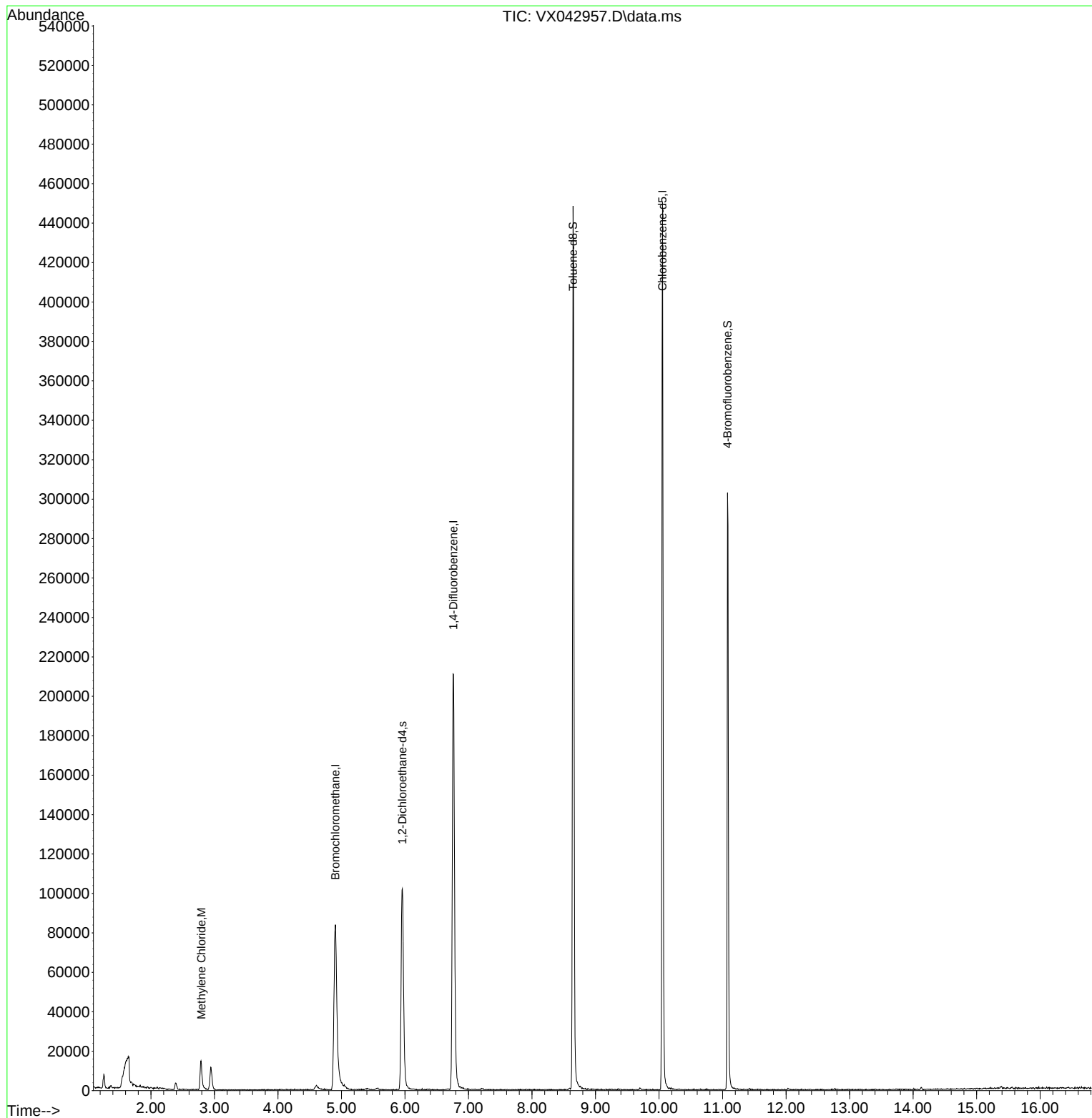
Internal Standards						
1) Bromochloromethane	4.903	128	39257	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	224211	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	201938	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	103889	28.659	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.533%
60) 4-Bromofluorobenzene	11.079	95	83974	25.489	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.967%
63) Toluene-d8	8.647	98	272850	29.913	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.700%
Target Compounds						
18) Methylene Chloride	2.794	84	8308	3.049	ug/l #	Qvalue 82

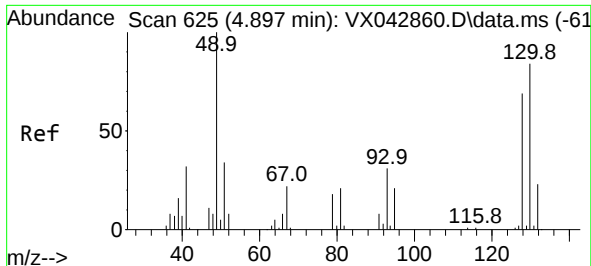
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX042957.D

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Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#11

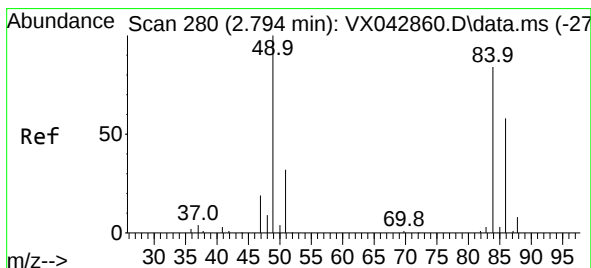
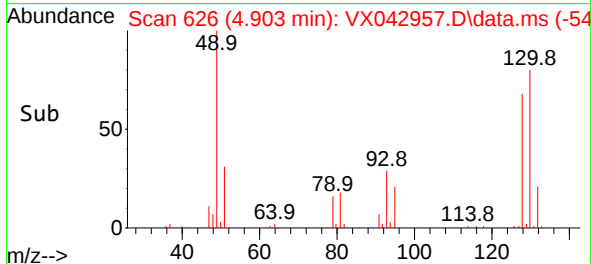
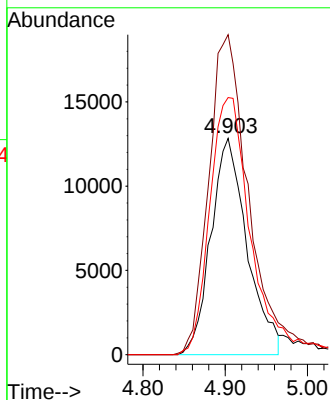
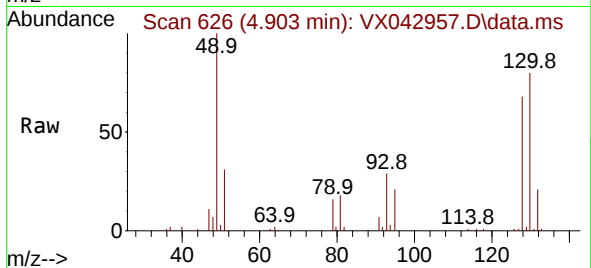
Tgt Ion:128 Resp: 39257

Ion Ratio Lower Upper

128 100

49 163.5 0.0 400.5

130 134.1 0.0 333.0



#18

Methylene Chloride

Concen: 3.049 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX042957.D

Acq: 08 Aug 2024 16:10

Tgt Ion: 84 Resp: 8308

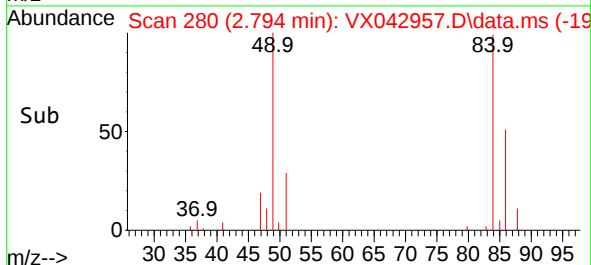
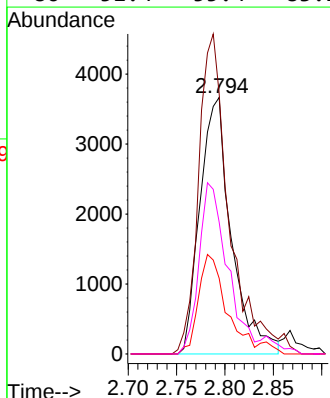
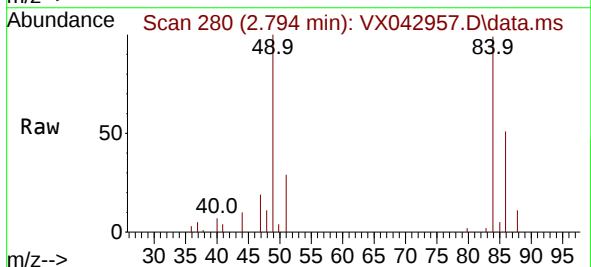
Ion Ratio Lower Upper

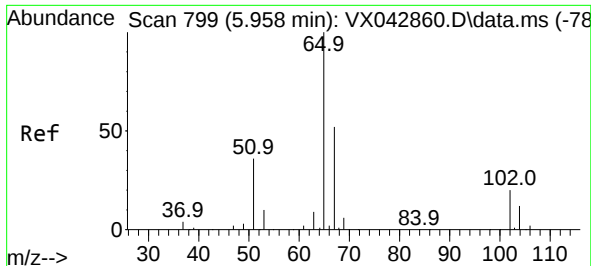
84 100

49 99.8 95.0 142.6

51 29.5 30.1 45.1#

86 51.4 55.4 83.2#

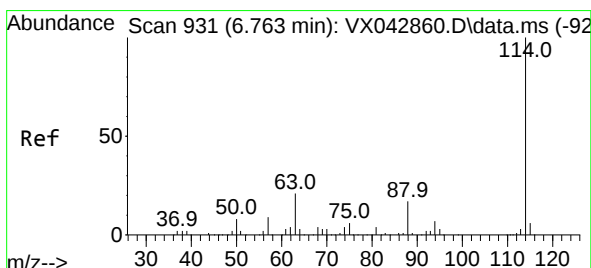
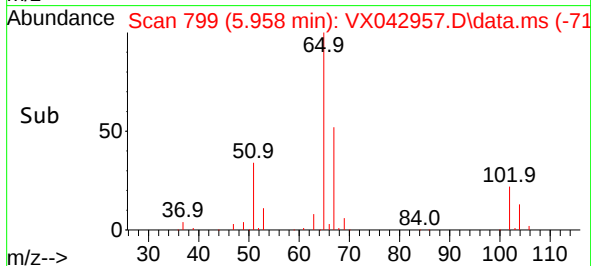
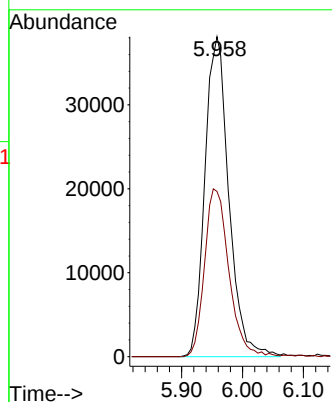
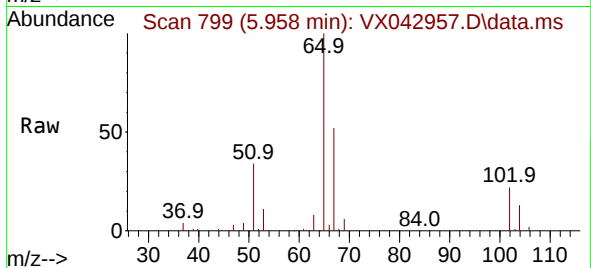




#27
 1,2-Dichloroethane-d4
 Concen: 28.659 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042957.D
 Acq: 08 Aug 2024 16:10

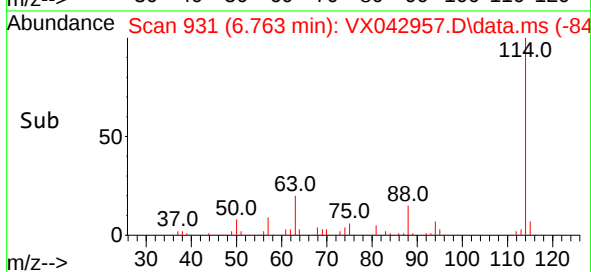
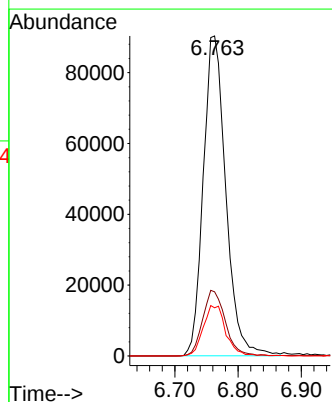
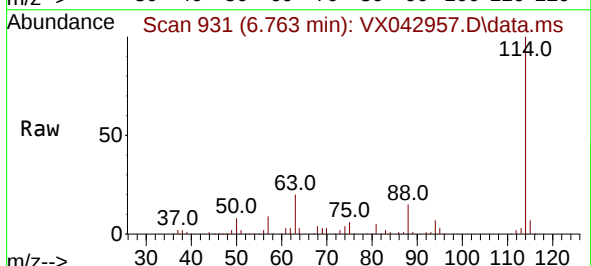
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#11

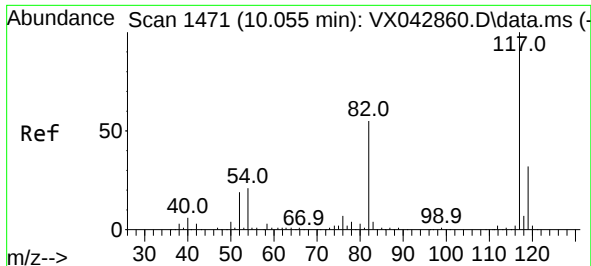
Tgt Ion: 65 Resp: 103889
 Ion Ratio Lower Upper
 65 100
 67 53.1 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042957.D
 Acq: 08 Aug 2024 16:10

Tgt Ion: 114 Resp: 224211
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.0 24.0
 88 15.5 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: VX042957.D

Acq: 08 Aug 2024 16:10

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#11

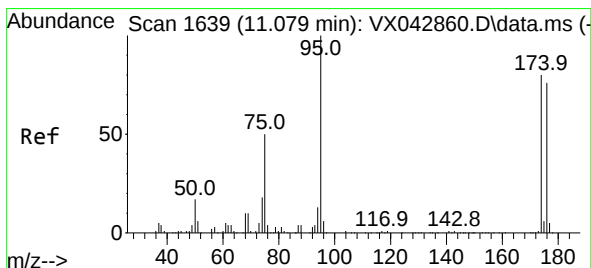
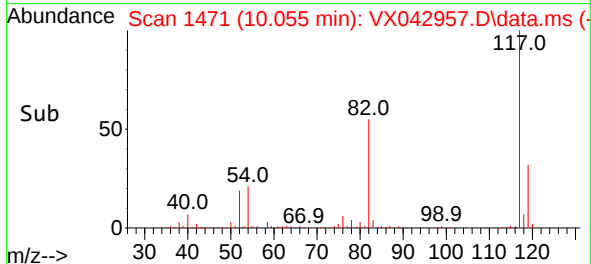
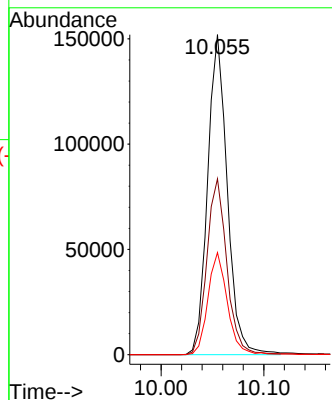
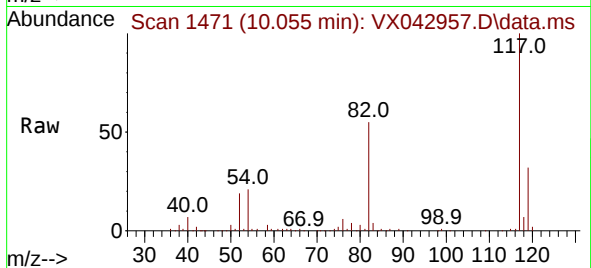
Tgt Ion:117 Resp: 201938

Ion Ratio Lower Upper

117 100

82 56.0 44.9 67.3

119 31.6 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 25.489 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042957.D

Acq: 08 Aug 2024 16:10

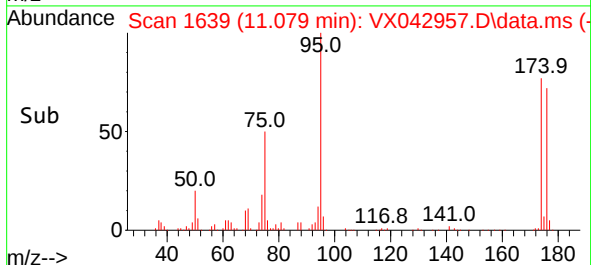
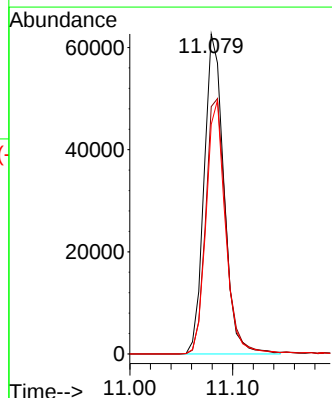
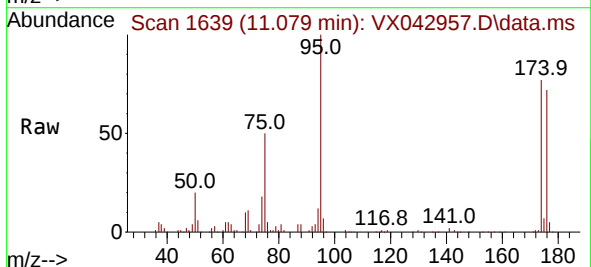
Tgt Ion: 95 Resp: 83974

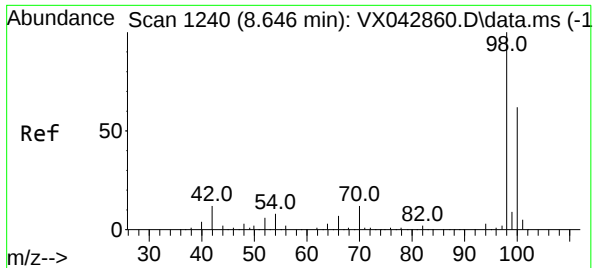
Ion Ratio Lower Upper

95 100

174 81.1 65.0 97.6

176 77.4 63.4 95.0





#63
 Toluene-d8
 Concen: 29.913 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042957.D
 Acq: 08 Aug 2024 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#11

Tgt Ion: 98 Resp: 272850
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3

