

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042955.D
 Acq On : 08 Aug 2024 15:24
 Operator : JC/MD
 Sample : PB162548ZHE#09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#09

Quant Time: Aug 09 05:10:48 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)

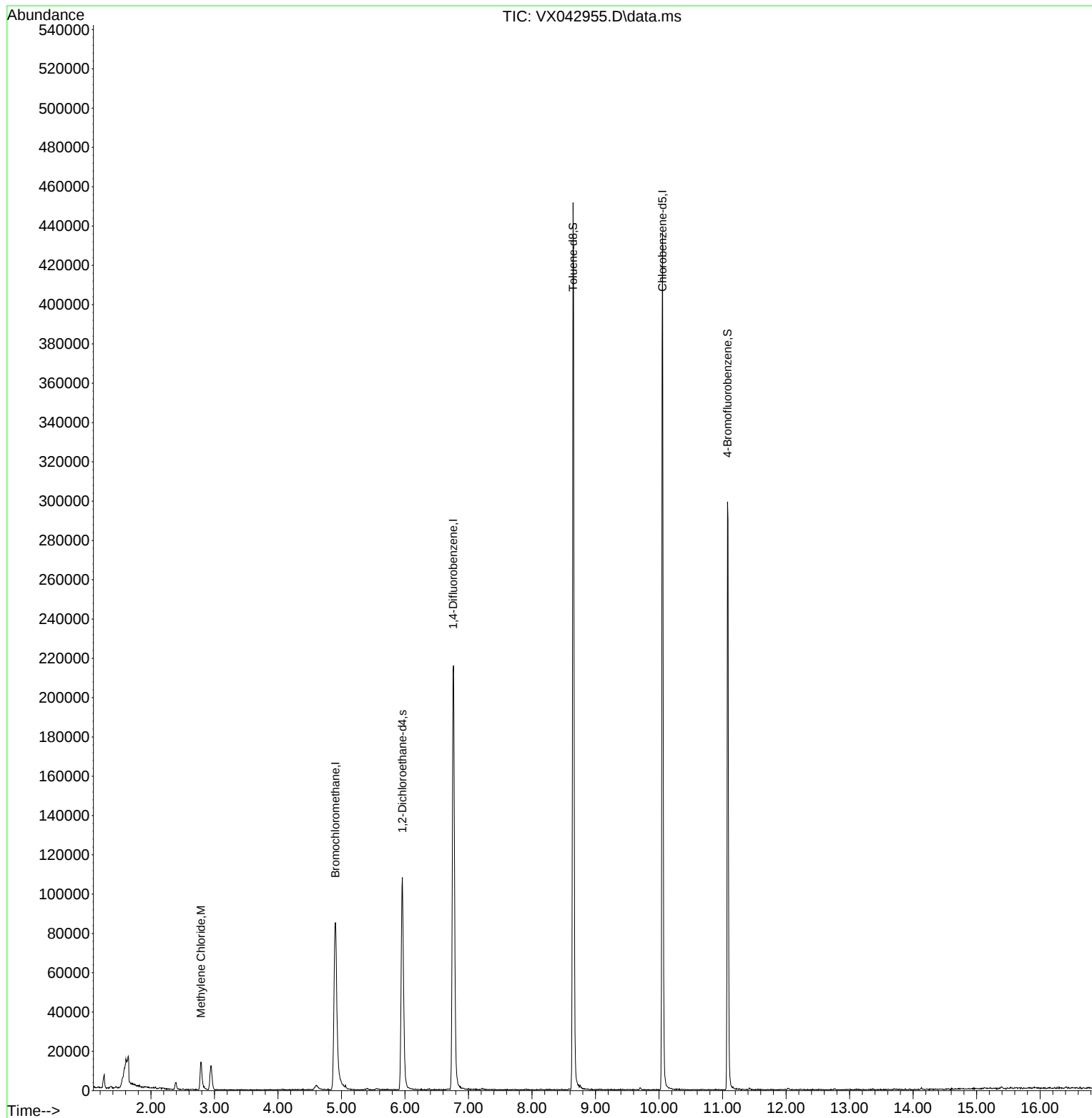
Internal Standards						
1) Bromochloromethane	4.903	128	40920	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	229891	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	202282	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	105446	27.906	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.033%
60) 4-Bromofluorobenzene	11.079	95	85525	25.916	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.400%
63) Toluene-d8	8.647	98	278414	30.471	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.567%
Target Compounds						
18) Methylene Chloride	2.788	84	8114	2.857	ug/l	Qvalue 94

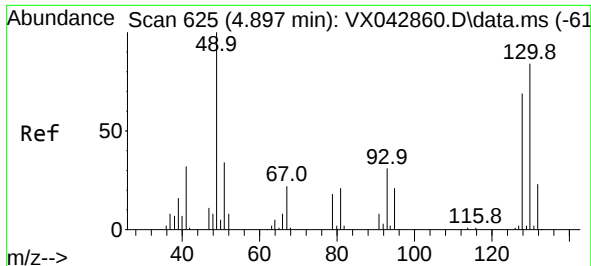
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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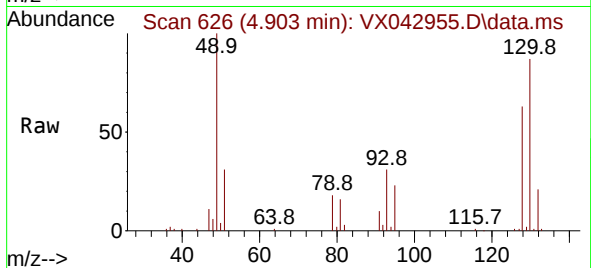
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
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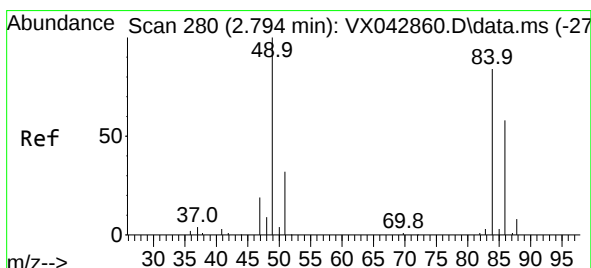
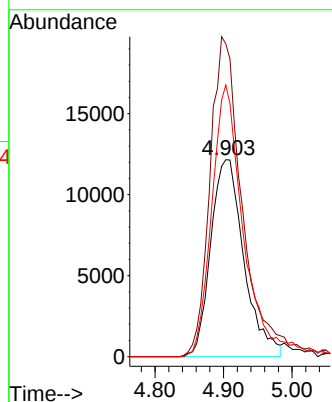
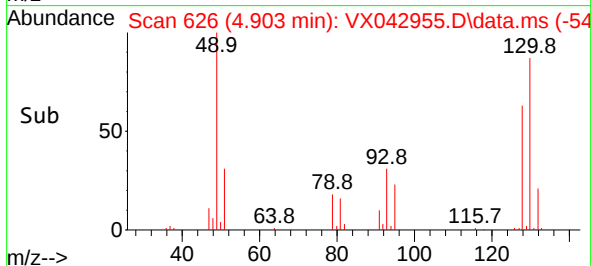


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042955.D
Acq: 08 Aug 2024 15:24

Instrument :
MSVOA_X
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PB162548ZHE#09

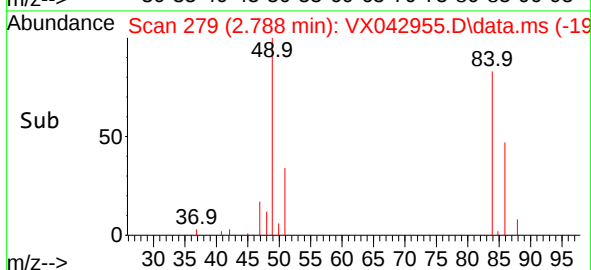
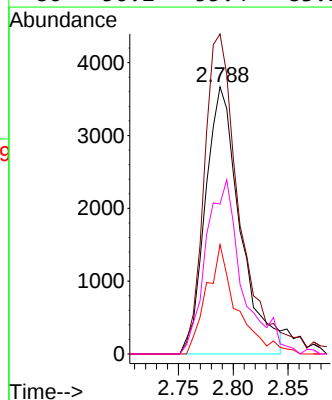
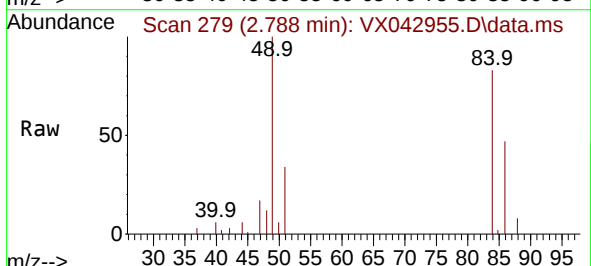


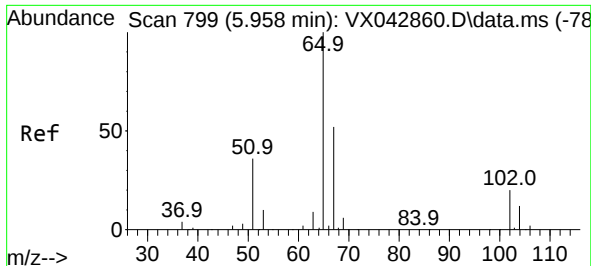
Tgt Ion:	128	Resp:	40920
Ion	Ratio	Lower	Upper
128	100		
49	156.5	0.0	400.5
130	129.5	0.0	333.0



#18
Methylene Chloride
Concen: 2.857 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042955.D
Acq: 08 Aug 2024 15:24

Tgt Ion:	84	Resp:	8114
Ion	Ratio	Lower	Upper
84	100		
49	119.9	95.0	142.6
51	40.9	30.1	45.1
86	56.2	55.4	83.2

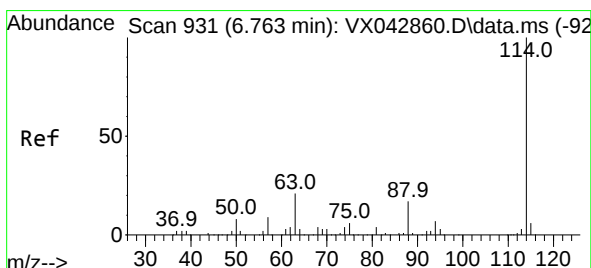
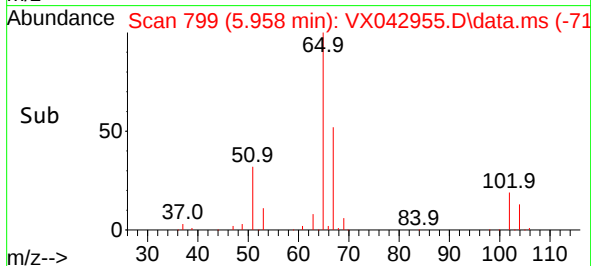
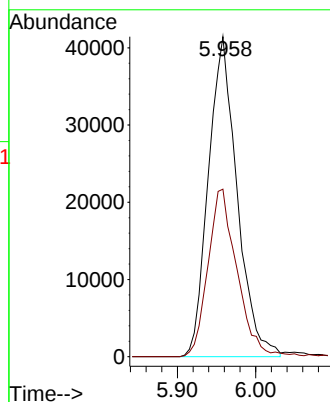
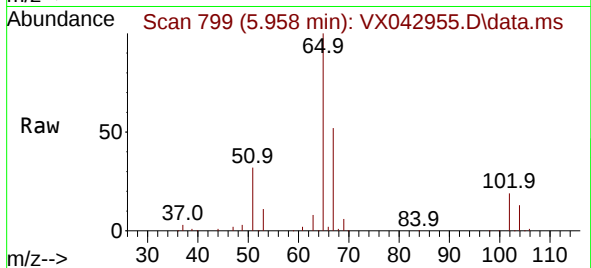




#27
 1,2-Dichloroethane-d4
 Concen: 27.906 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042955.D
 Acq: 08 Aug 2024 15:24

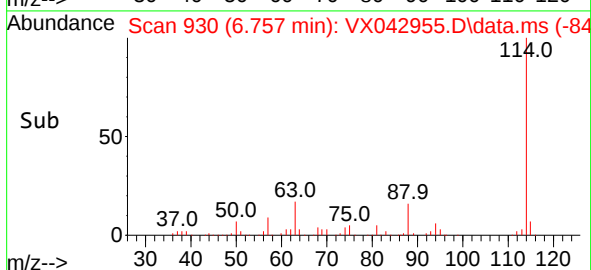
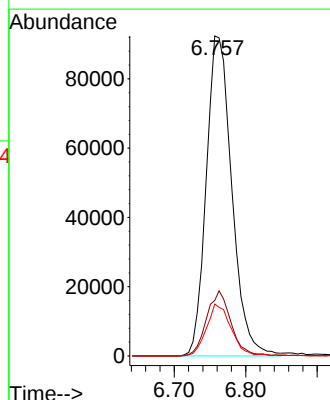
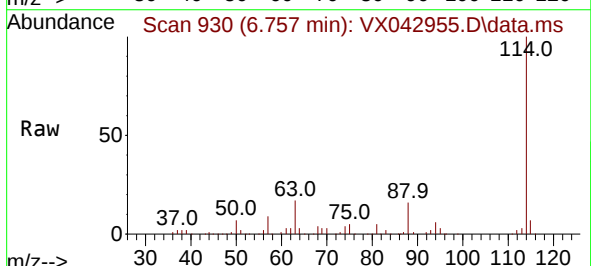
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#09

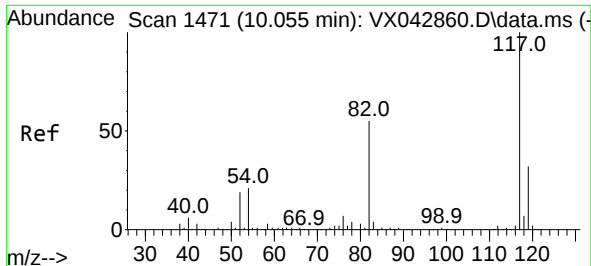
Tgt Ion: 65 Resp: 105446
 Ion Ratio Lower Upper
 65 100
 67 52.2 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX042955.D
 Acq: 08 Aug 2024 15:24

Tgt Ion: 114 Resp: 229891
 Ion Ratio Lower Upper
 114 100
 63 19.2 16.0 24.0
 88 15.4 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: VX042955.D

Acq: 08 Aug 2024 15:24

Instrument :

MSVOA_X

ClientSampleId :

PB162548ZHE#09

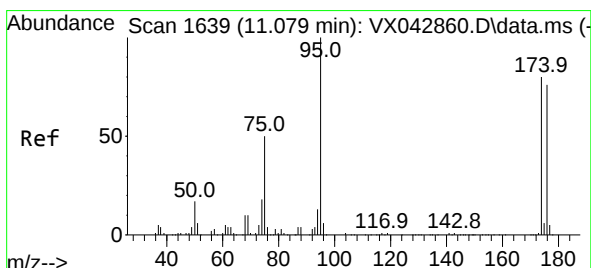
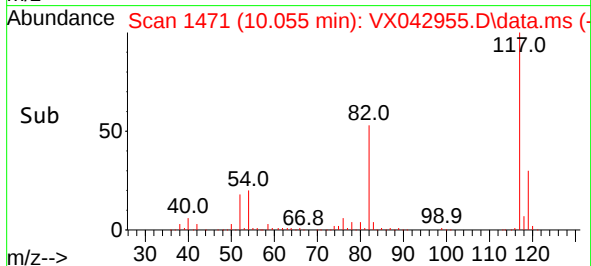
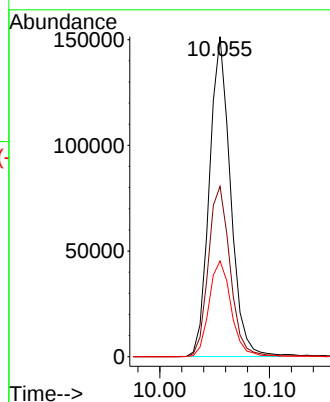
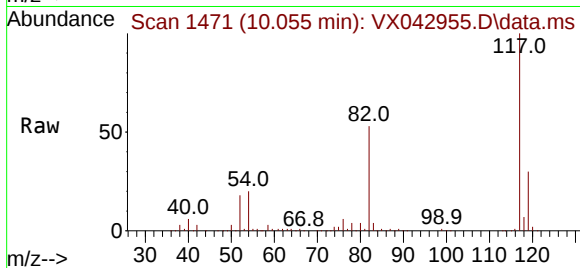
Tgt Ion:117 Resp: 202282

Ion Ratio Lower Upper

117 100

82 55.3 44.9 67.3

119 31.3 25.4 38.2



#60

4-Bromofluorobenzene

Concen: 25.916 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042955.D

Acq: 08 Aug 2024 15:24

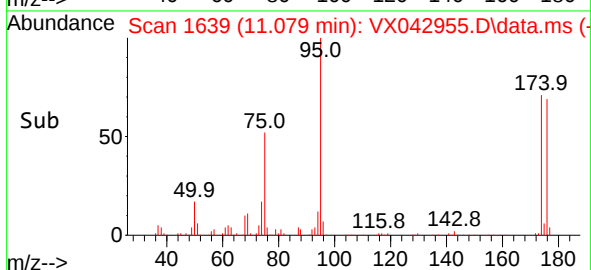
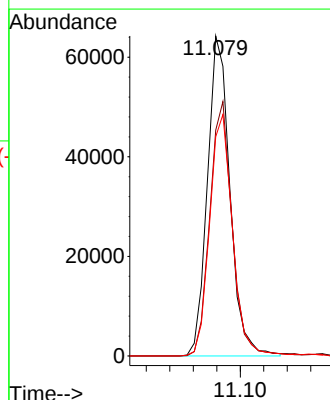
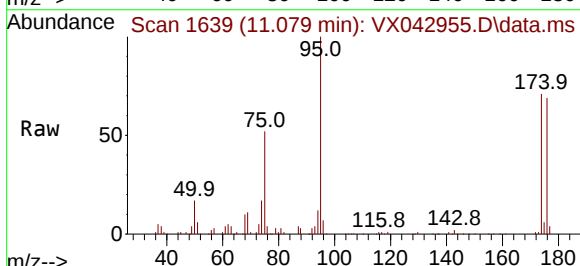
Tgt Ion: 95 Resp: 85525

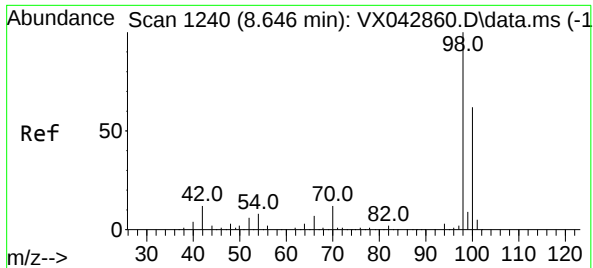
Ion Ratio Lower Upper

95 100

174 78.6 65.0 97.6

176 77.0 63.4 95.0





#63
 Toluene-d8
 Concen: 30.471 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042955.D
 Acq: 08 Aug 2024 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#09

Tgt Ion: 98 Resp: 278414
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3

