

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041783.D
 Acq On : 07 Jun 2024 12:18
 Operator : JC/MD
 Sample : P2698-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240530047-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 04:04:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	25361	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	139748	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	125095	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62128	31.108	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.700%			
60) 4-Bromofluorobenzene	11.079	95	54147	27.728	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.433%			
63) Toluene-d8	8.647	98	158517	29.561	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.533%			
Target Compounds						
23) tert-Butyl Alcohol	2.995	59	2153m	5.905	ug/l	Qvalue

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

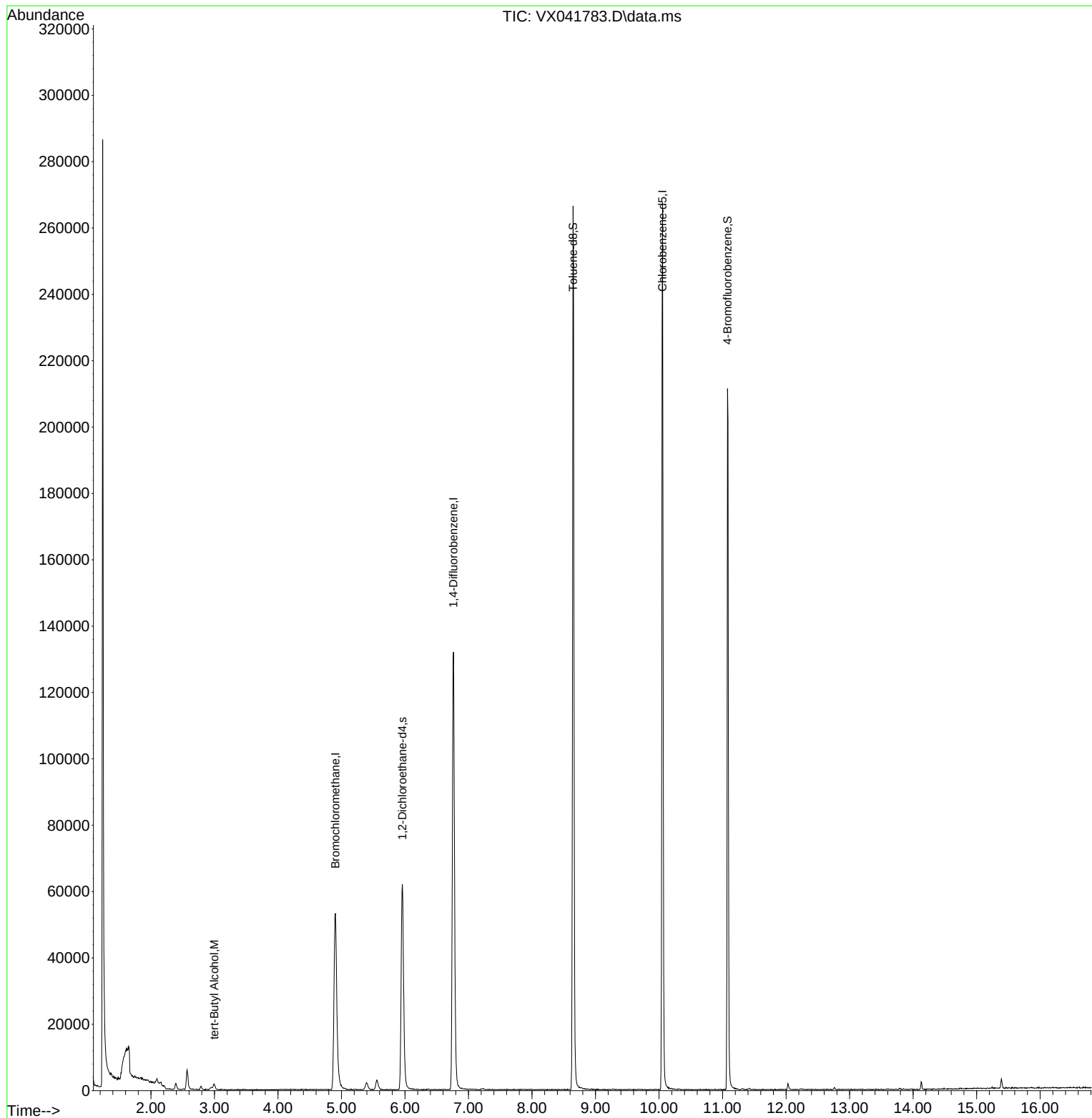
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
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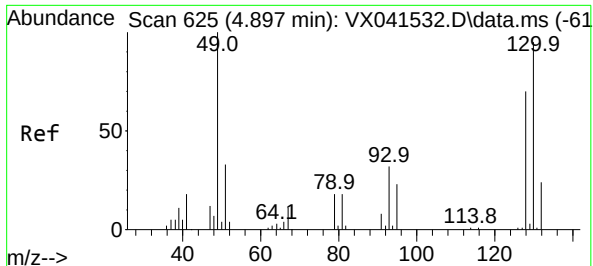
Instrument :
MSVOA_X
ClientSampleId :
240530047-01

Quant Time: Jun 08 04:04:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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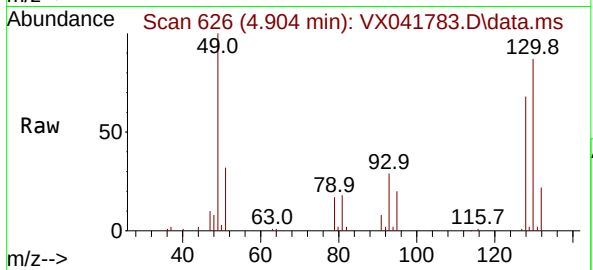
Reviewed By : John Carlone 06/10/2024
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041783.D
Acq: 07 Jun 2024 12:18

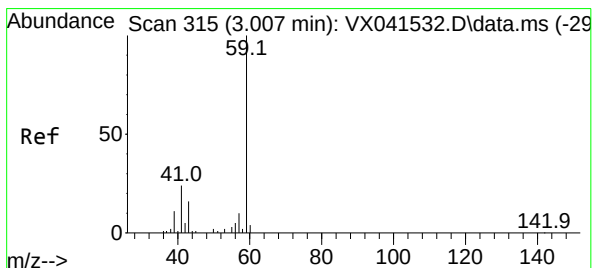
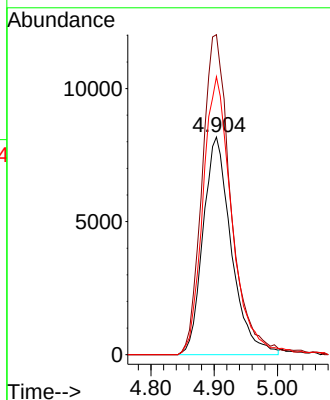
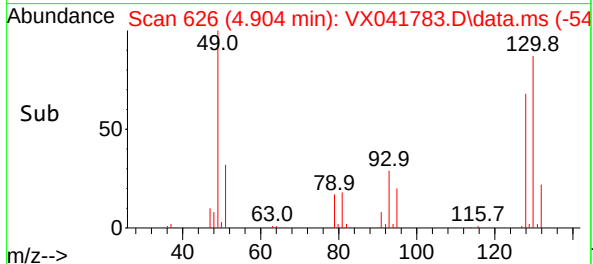
Instrument :
MSVOA_X
ClientSampleId :
240530047-01



Tgt Ion:128 Resp: 2536
Ion Ratio Lower Upper
128 100
49 149.4 0.0 361.5
130 131.0 0.0 324.3

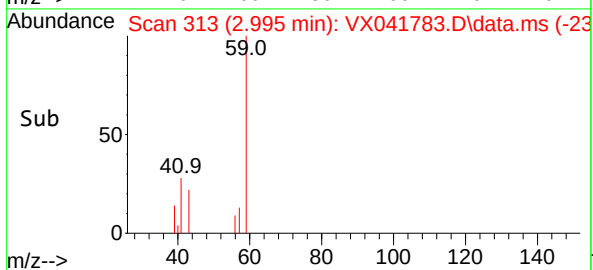
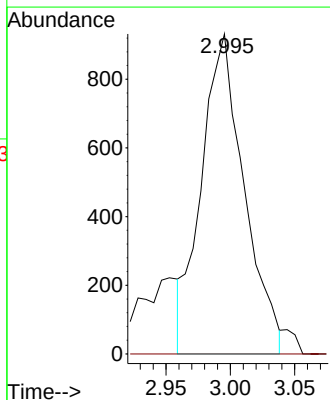
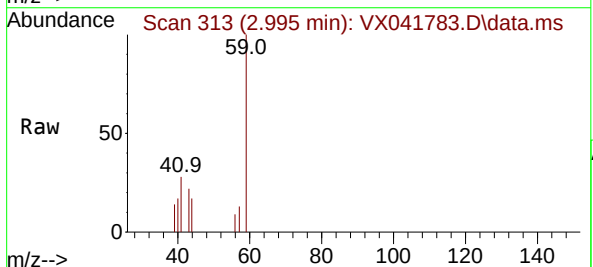
Manual Integrations
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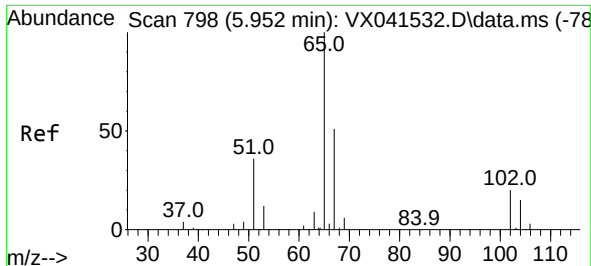
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Supervised By :Mahesh Dadoda 06/10/2024



#23
tert-Butyl Alcohol
Concen: 5.905 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX041783.D
Acq: 07 Jun 2024 12:18

Tgt Ion: 59 Resp: 2153
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#27

1,2-Dichloroethane-d4

Concen: 31.108 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041783.D

Acq: 07 Jun 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

240530047-01

Tgt Ion: 65 Resp: 62128

Ion Ratio Lower Upper

65 100

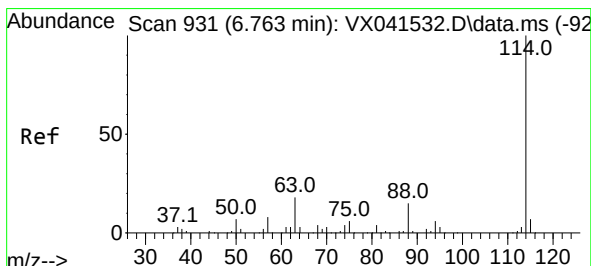
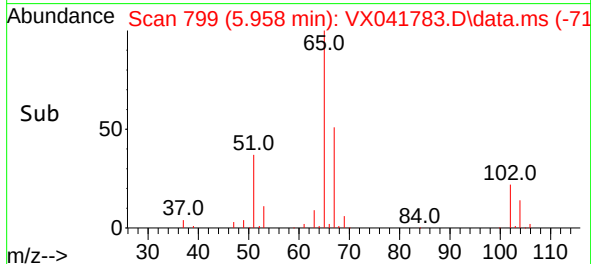
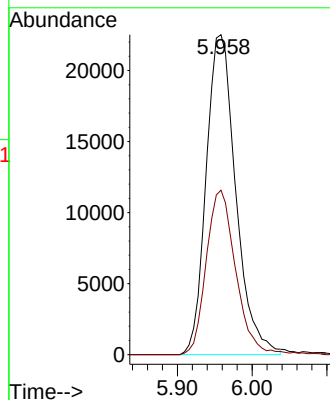
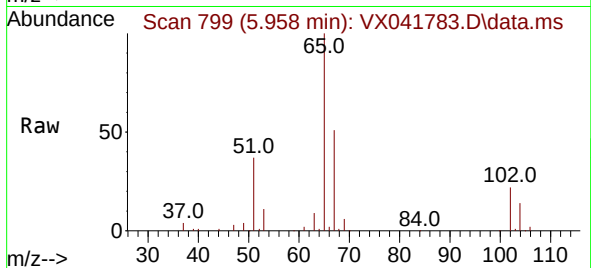
67 50.9 40.8 61.2

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041783.D

Acq: 07 Jun 2024 12:18

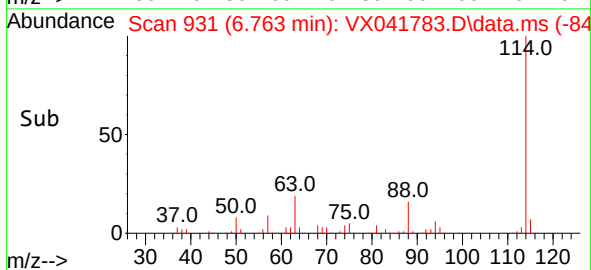
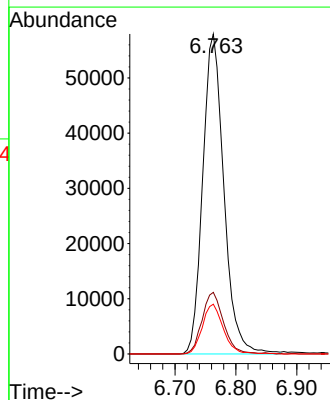
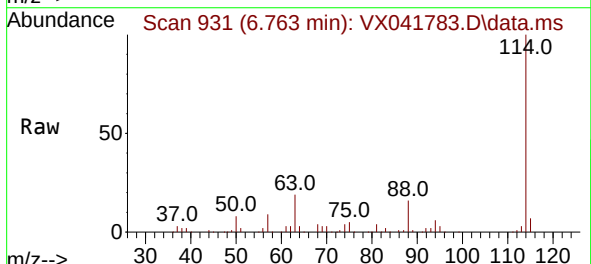
Tgt Ion:114 Resp: 139748

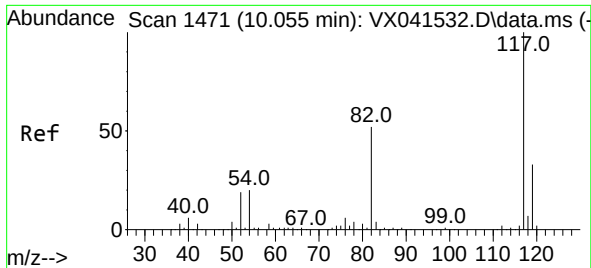
Ion Ratio Lower Upper

114 100

63 19.5 15.4 23.0

88 15.3 12.2 18.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041783.D

Acq: 07 Jun 2024 12:18

Instrument :

MSVOA_X

ClientSampleId :

240530047-01

Tgt Ion:117 Resp: 12509

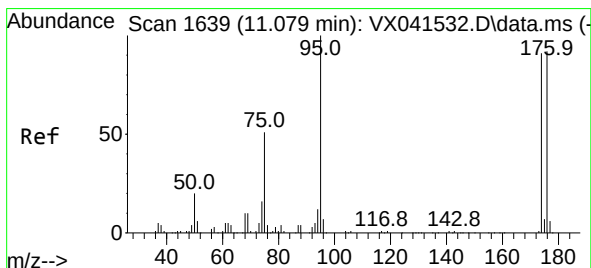
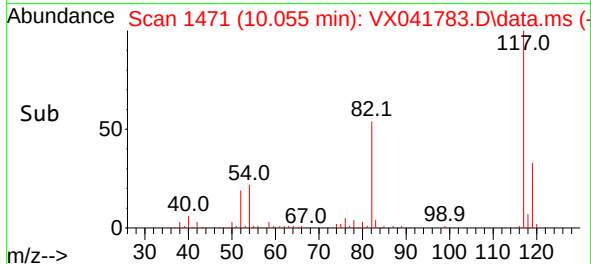
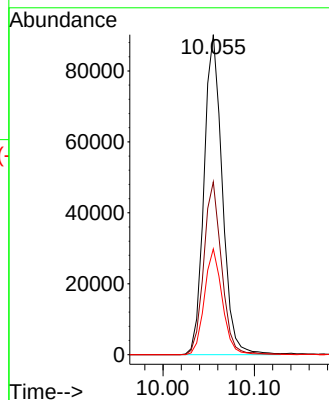
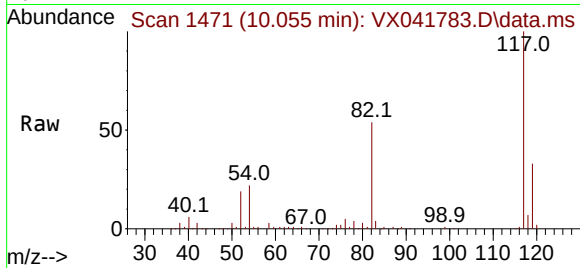
Ion	Ratio	Lower	Upper
117	100		
82	53.0	41.7	62.5
119	32.5	25.7	38.5

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#60

4-Bromofluorobenzene

Concen: 27.728 ug/l

RT: 11.079 min Scan# 1639

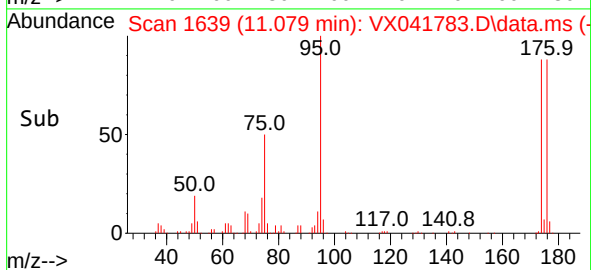
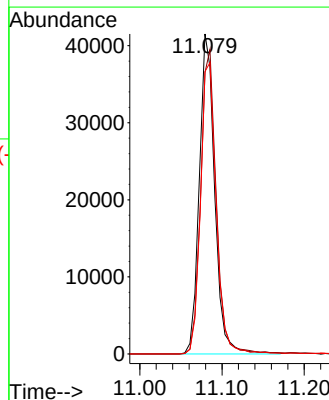
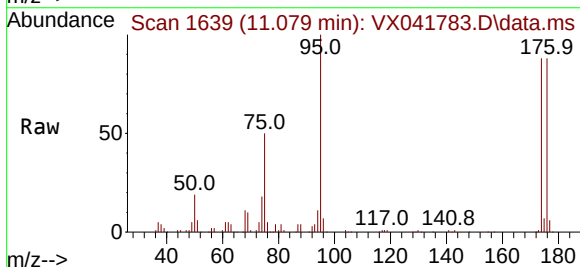
Delta R.T. 0.000 min

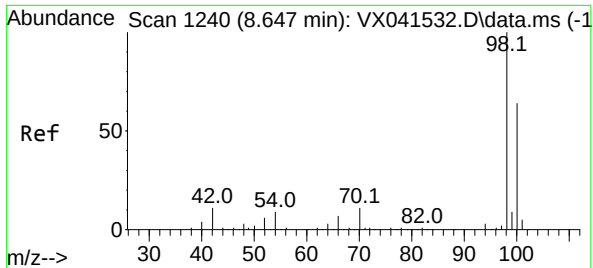
Lab File: VX041783.D

Acq: 07 Jun 2024 12:18

Tgt Ion: 95 Resp: 54147

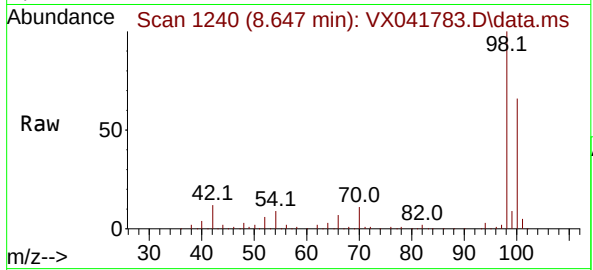
Ion	Ratio	Lower	Upper
95	100		
174	96.0	76.6	115.0
176	92.2	75.4	113.0





#63
Toluene-d8
Concen: 29.561 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041783.D
Acq: 07 Jun 2024 12:18

Instrument :
MSVOA_X
ClientSampleId :
240530047-01



Tgt Ion: 98 Resp: 15851
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

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