

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
 Data File : VX041689.D
 Acq On : 30 May 2024 12:56
 Operator : JC/MD
 Sample : P2509-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240508002-05-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/31/2024
 Supervised By : Mahesh Dadoda 05/31/2024

Quant Time: May 31 05:29:50 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	25512	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	134514	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	120072	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59664	29.698	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.000%
60) 4-Bromofluorobenzene	11.079	95	52178	27.837	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.800%
63) Toluene-d8	8.647	98	152979	29.722	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%
Target Compounds						
25) Chloroform	5.099	83	4449m	1.529	ug/l	Qvalue

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

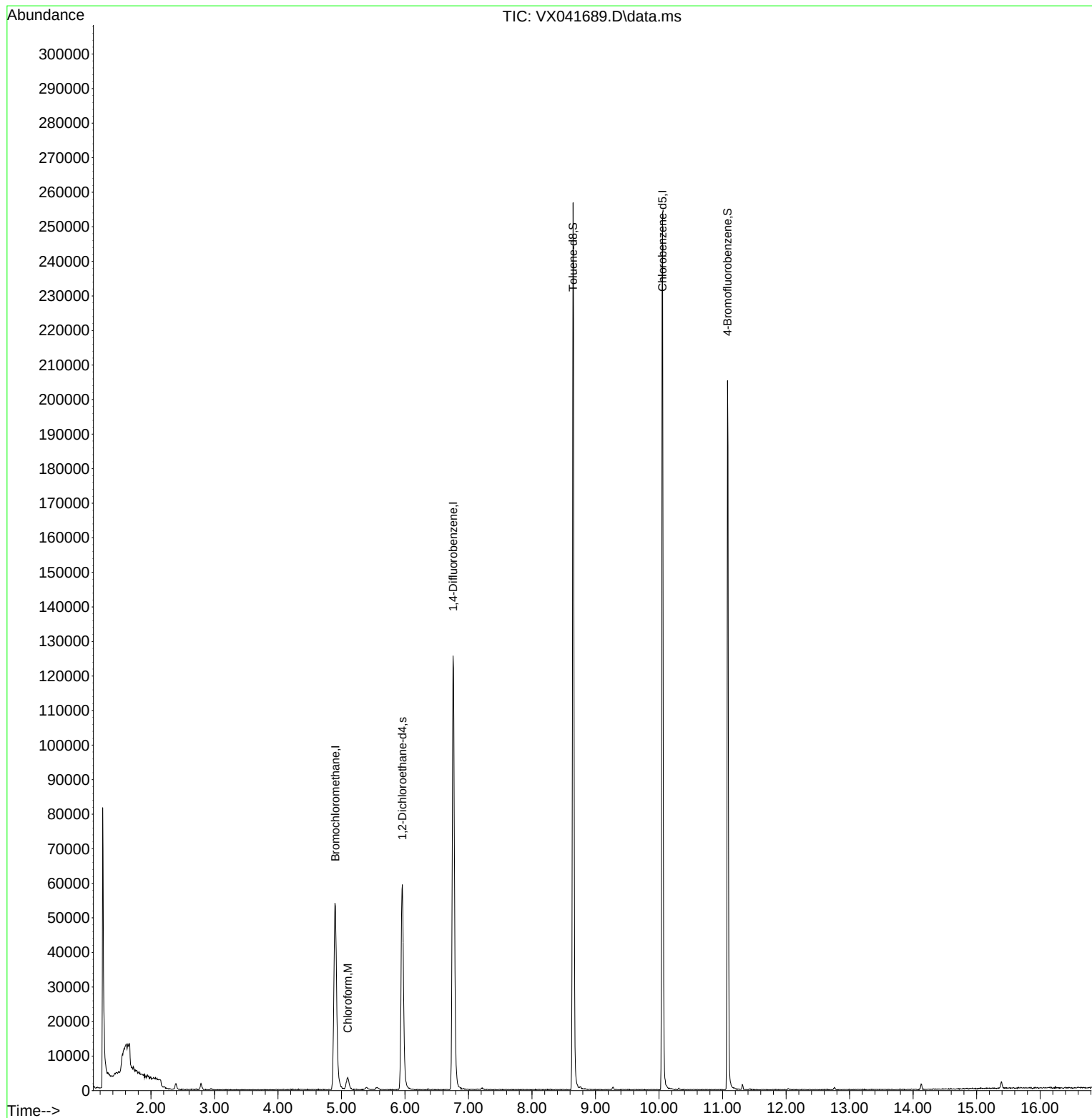
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053024\
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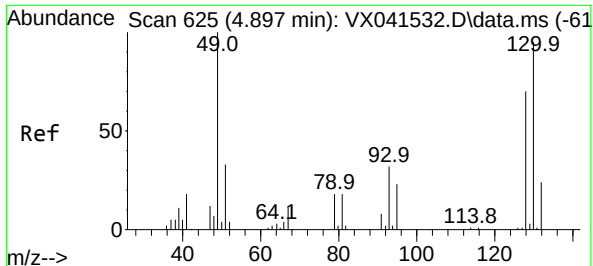
Instrument :
MSVOA_X
ClientSampleId :
240508002-05-TRIP-BLANK

Quant Time: May 31 05:29:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
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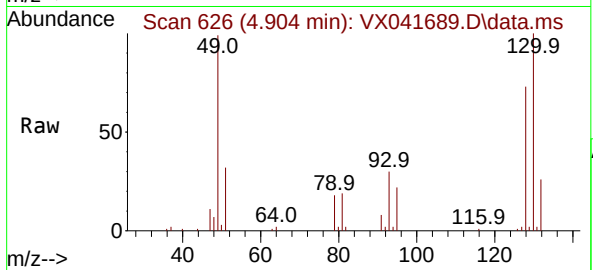
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

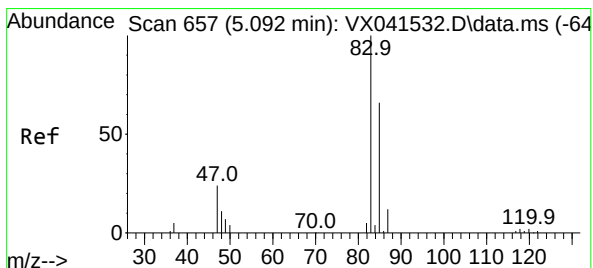
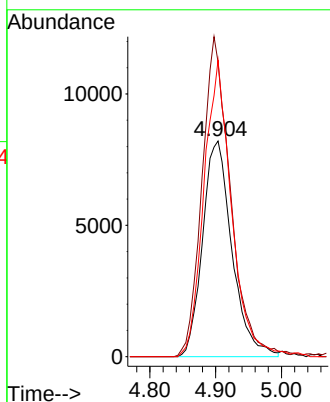
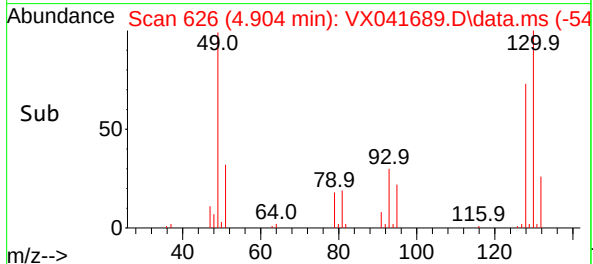
Instrument :
MSVOA_X
ClientSampleId :
240508002-05-TRIP-BLANK



Tgt Ion:128 Resp: 2551
Ion Ratio Lower Upper
128 100
49 143.2 0.0 361.5
130 129.3 0.0 324.3

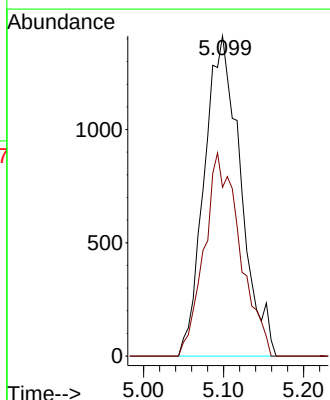
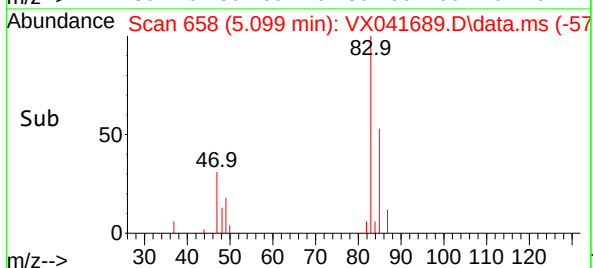
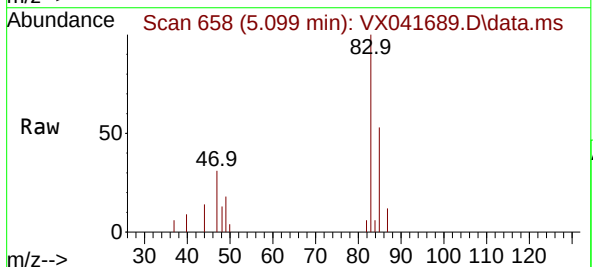
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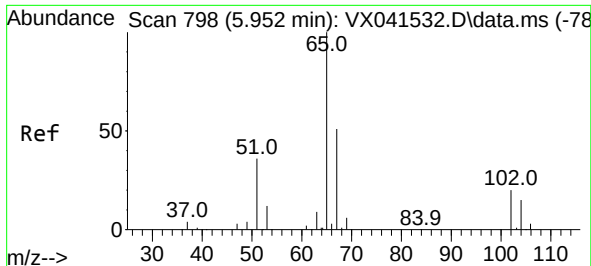
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#25
Chloroform
Concen: 1.529 ug/l m
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

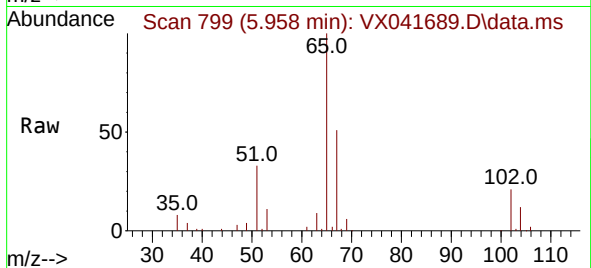
Tgt Ion: 83 Resp: 4449
Ion Ratio Lower Upper
83 100
85 52.7 52.9 79.3#





#27
1,2-Dichloroethane-d4
Concen: 29.698 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

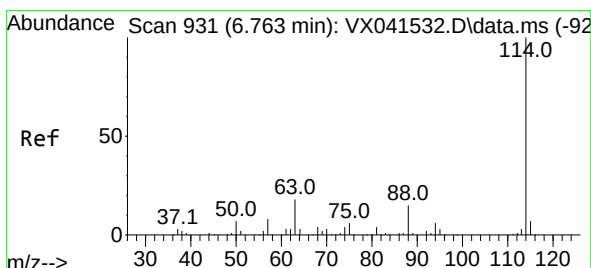
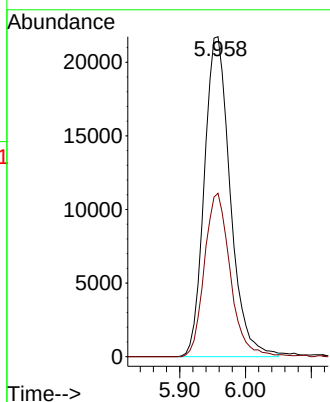
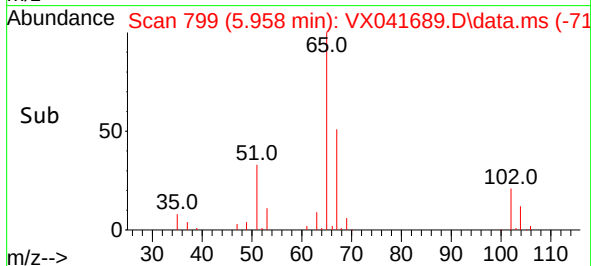
Instrument :
MSVOA_X
ClientSampleId :
240508002-05-TRIP-BLANK



Tgt Ion: 65 Resp: 5964
Ion Ratio Lower Upper
65 100
67 50.7 40.8 61.2

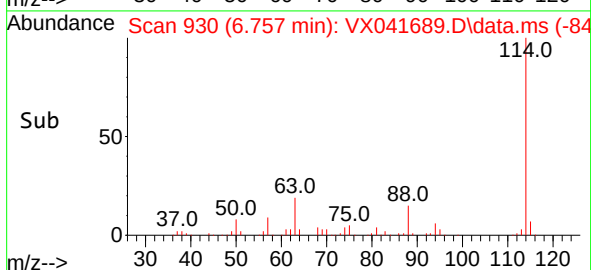
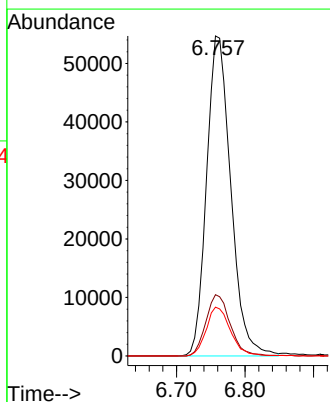
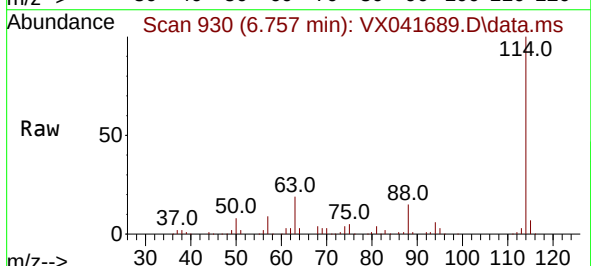
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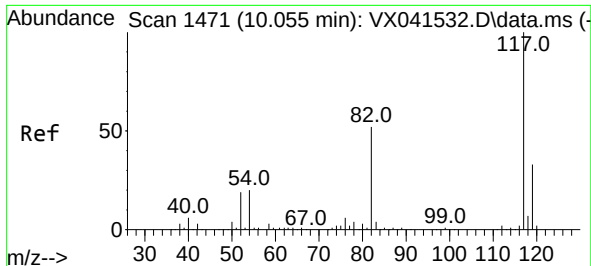
Reviewed By :John Carlone 05/31/2024
Supervised By :Mahesh Dadoda 05/31/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Tgt Ion:114 Resp: 134514
Ion Ratio Lower Upper
114 100
63 19.1 15.4 23.0
88 15.2 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: VX041689.D

Acq: 30 May 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

240508002-05-TRIP-BLANK

Tgt Ion: 117 Resp: 120072

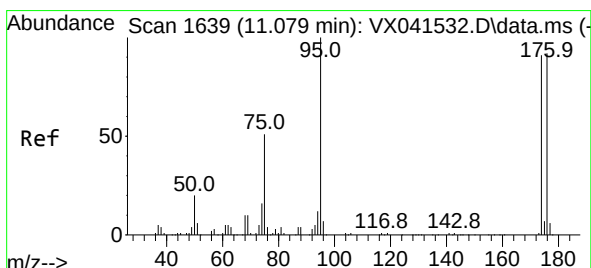
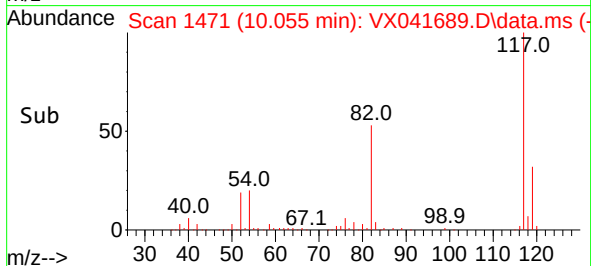
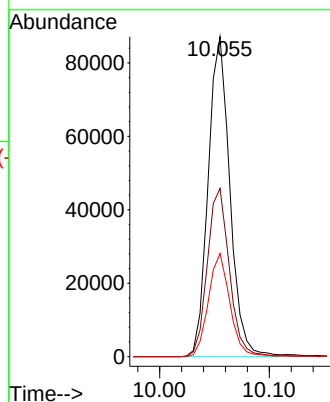
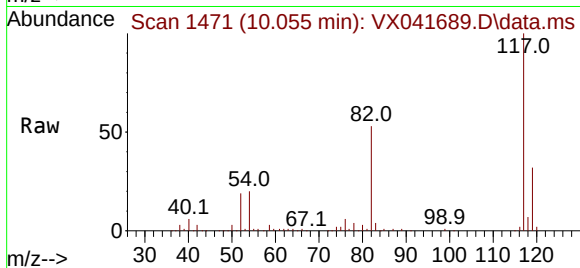
Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.7	62.5
119	31.9	25.7	38.5

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#60

4-Bromofluorobenzene

Concen: 27.837 ug/l

RT: 11.079 min Scan# 1639

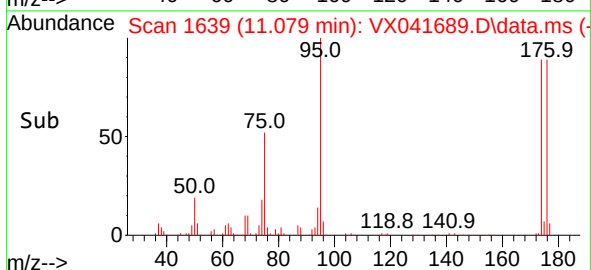
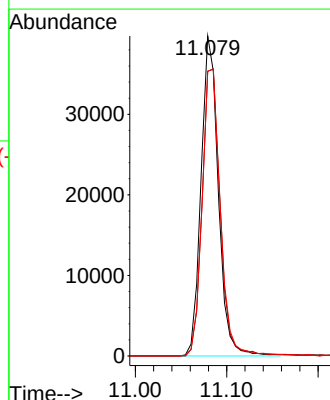
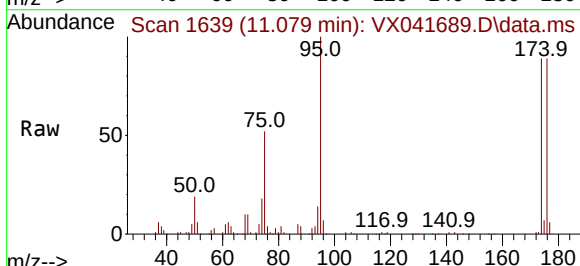
Delta R.T. 0.000 min

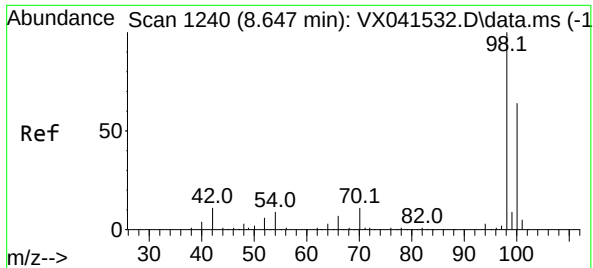
Lab File: VX041689.D

Acq: 30 May 2024 12:56

Tgt Ion: 95 Resp: 52178

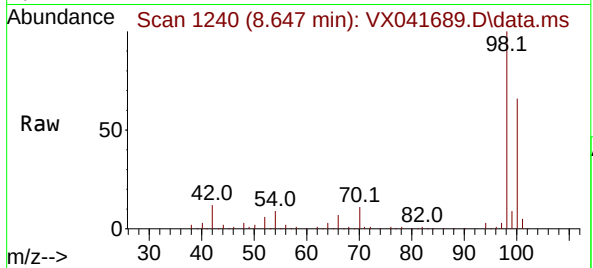
Ion	Ratio	Lower	Upper
95	100		
174	93.3	76.6	115.0
176	94.3	75.4	113.0





#63
Toluene-d8
Concen: 29.722 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041689.D
Acq: 30 May 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
240508002-05-TRIP-BLANK



Tgt Ion: 98 Resp: 152979
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

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