

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035883.D
 Acq On : 26 May 2023 04:22
 Operator : JC/MD
 Sample : 02945-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP04

Quant Time: May 26 09:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	28943	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	165096	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144518	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	74579	31.012	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.367%
60) 4-Bromofluorobenzene	11.079	95	66478	27.414	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.367%
63) Toluene-d8	8.647	98	196214	30.712	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.367%
Target Compounds						
15) Acetone	2.404	58	230m	0.748	ug/l	Qvalue

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

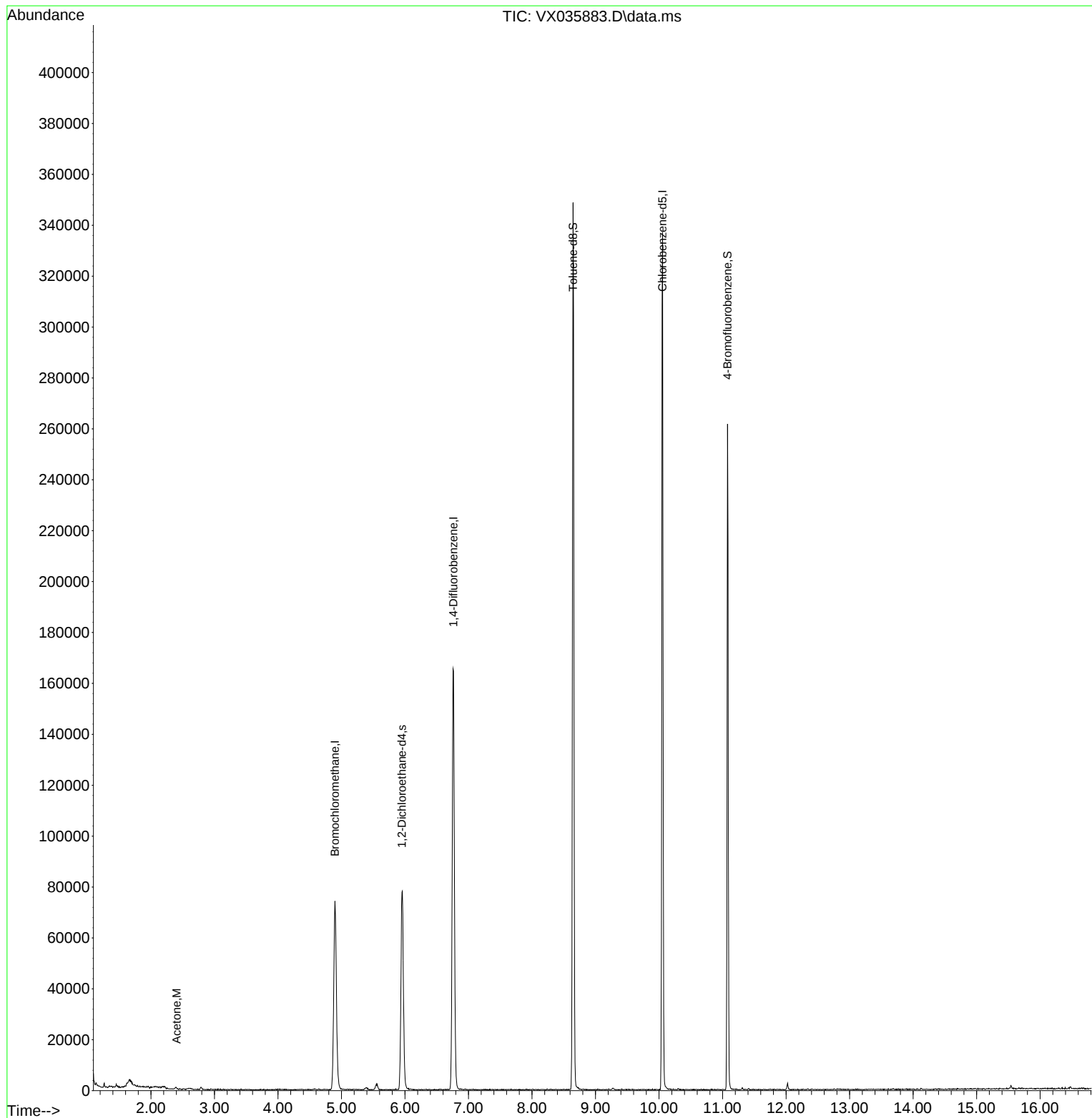
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
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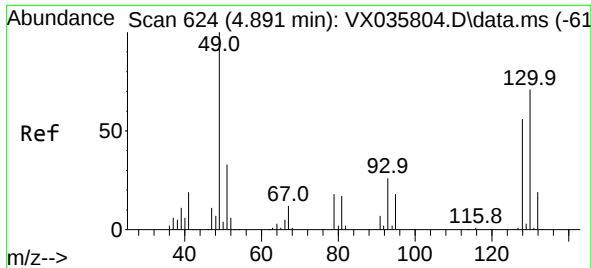
Instrument :
MSVOA_X
ClientSampleId :
TWP04

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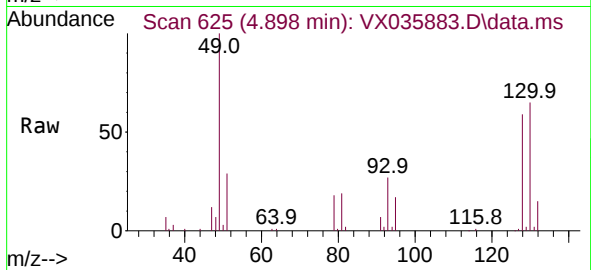
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX035883.D
Acq: 26 May 2023 04:22

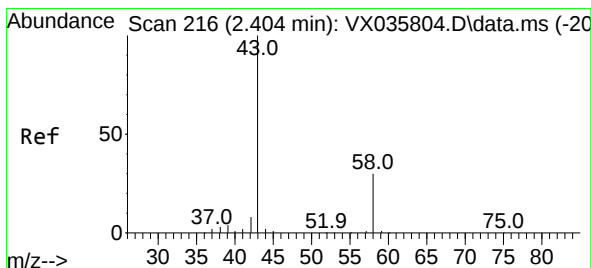
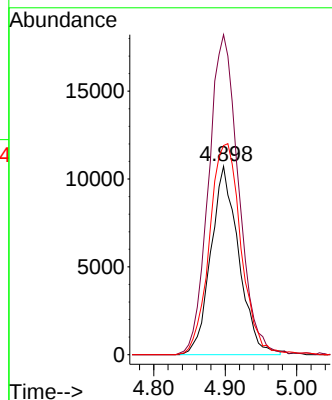
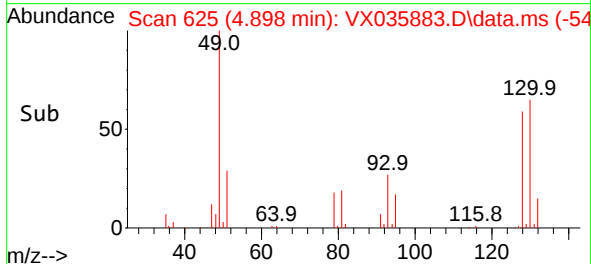
Instrument :
MSVOA_X
ClientSampleId :
TWP04



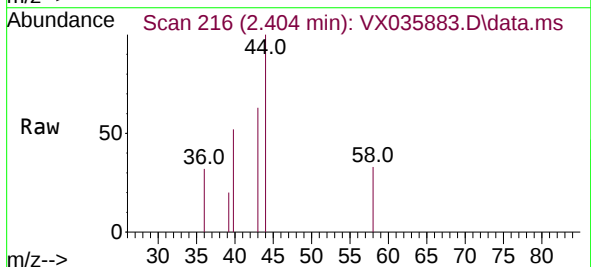
Tgt Ion:128 Resp: 2894
Ion Ratio Lower Upper
128 100
49 182.9 0.0 428.8
130 127.3 0.0 310.8

Manual Integrations
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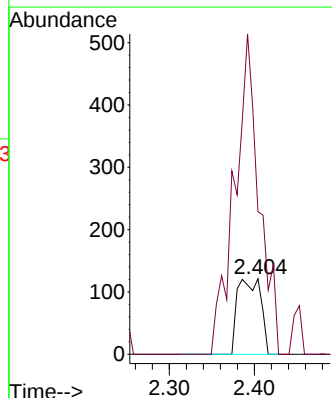
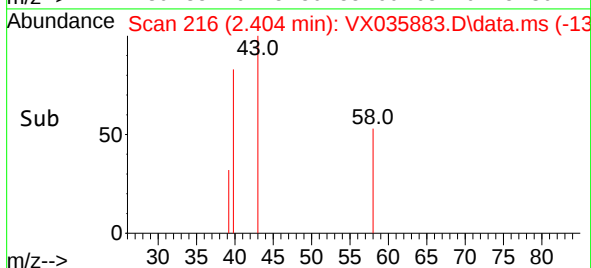
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

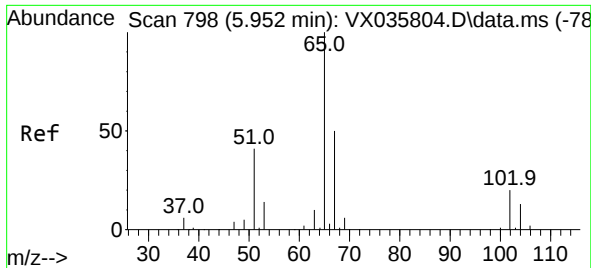


#15
Acetone
Concen: 0.748 ug/l m
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX035883.D
Acq: 26 May 2023 04:22



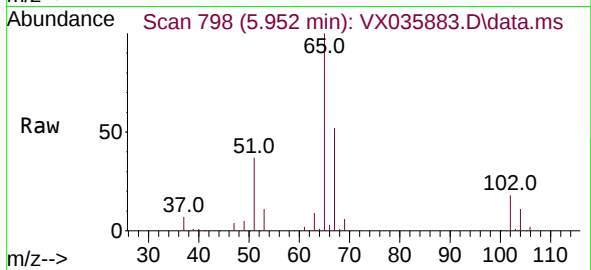
Tgt Ion: 58 Resp: 230
Ion Ratio Lower Upper
58 100
43 189.3 270.8 406.2#





#27
1,2-Dichloroethane-d4
Concen: 31.012 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035883.D
Acq: 26 May 2023 04:22

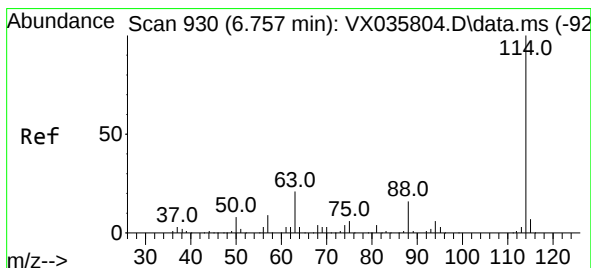
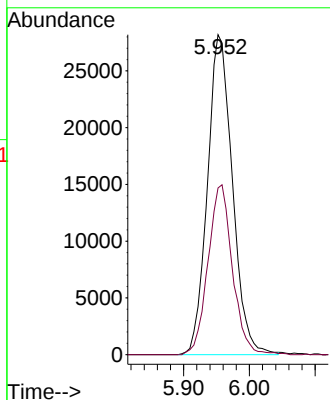
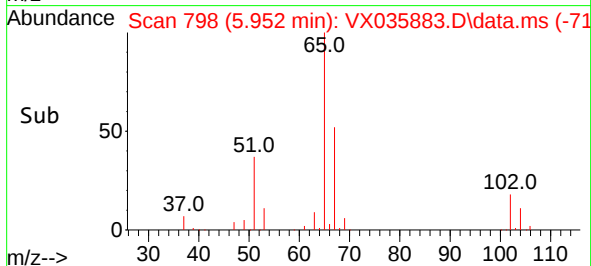
Instrument :
MSVOA_X
ClientSampleId :
TWP04



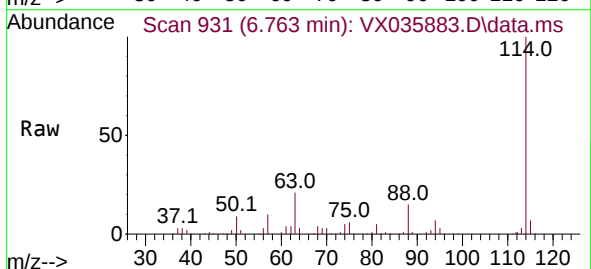
Tgt Ion: 65 Resp: 74579
Ion Ratio Lower Upper
65 100
67 51.7 40.9 61.3

Manual Integrations
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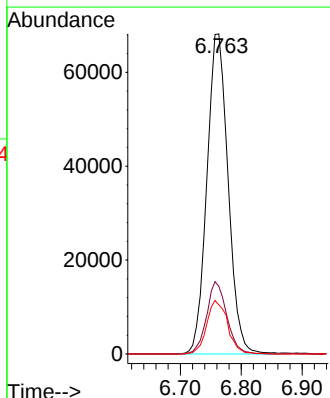
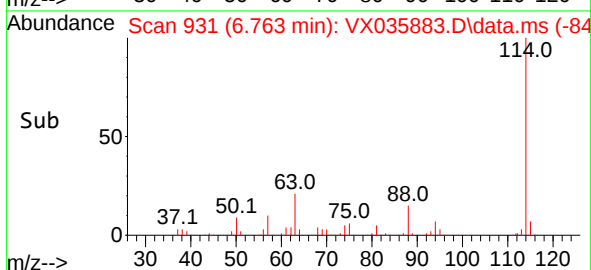
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023

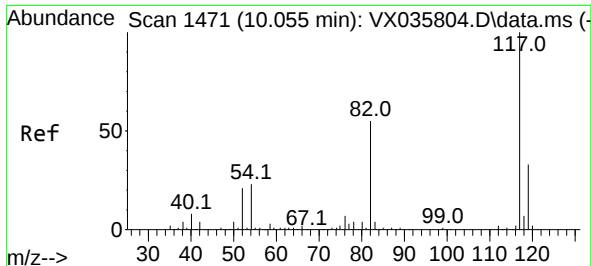


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX035883.D
Acq: 26 May 2023 04:22



Tgt Ion:114 Resp: 165096
Ion Ratio Lower Upper
114 100
63 21.5 18.0 27.0
88 16.4 13.3 19.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035883.D

Acq: 26 May 2023 04:22

Instrument :

MSVOA_X

ClientSampleId :

TWP04

Tgt Ion:117 Resp: 144518

Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.8

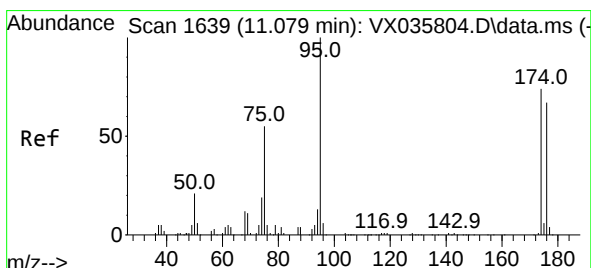
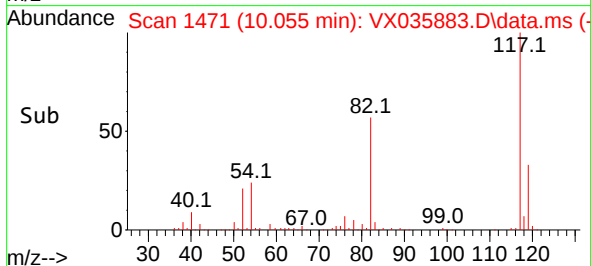
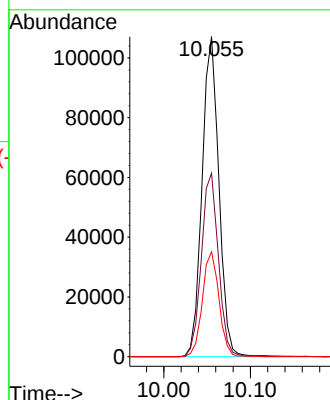
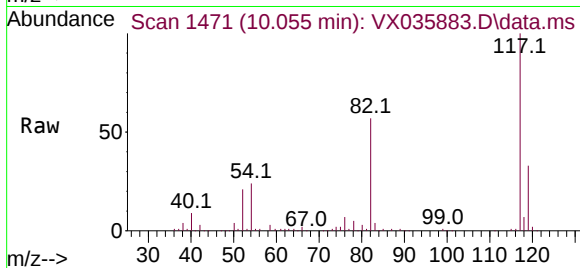
119 32.2 25.4 38.0

Manual Integrations

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#60

4-Bromofluorobenzene

Concen: 27.414 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035883.D

Acq: 26 May 2023 04:22

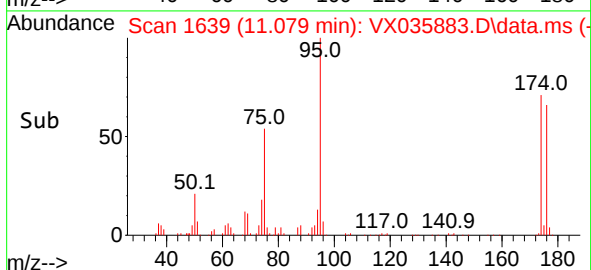
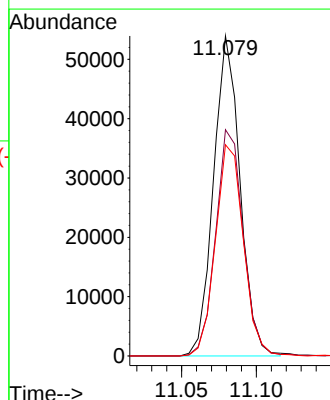
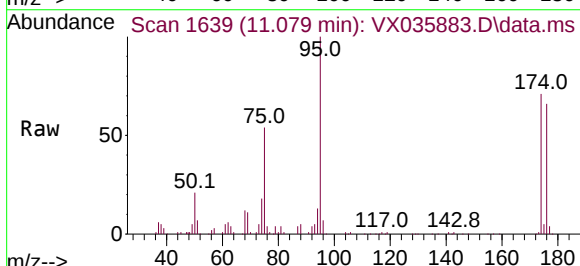
Tgt Ion: 95 Resp: 66478

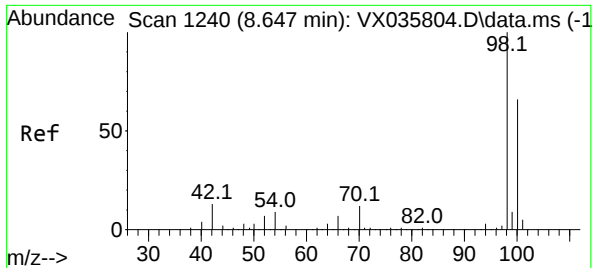
Ion Ratio Lower Upper

95 100

174 73.2 0.2 0.4#

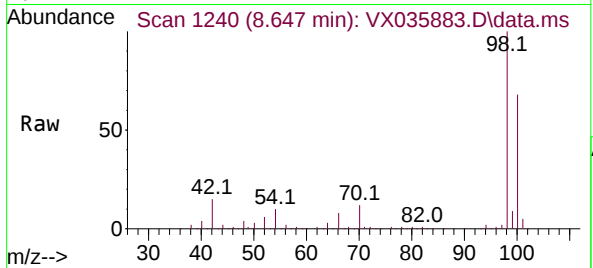
176 69.8 0.2 0.2#





#63
Toluene-d8
Concen: 30.712 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035883.D
Acq: 26 May 2023 04:22

Instrument :
MSVOA_X
ClientSampleId :
TWP04



Tgt Ion: 98 Resp: 196214
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

Manual Integrations
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