

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040774.D
 Acq On : 22 Mar 2024 12:50
 Operator : JC/MD
 Sample : P1836-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240321044-01-TRIP-BLANK

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/25/2024
 Supervised By :Semsettin Yesilyurt 03/25/2024

Quant Time: Mar 23 05:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	16273	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	89609	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84312	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46775	28.780	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.933%
60) 4-Bromofluorobenzene	11.079	95	42048	29.075	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.900%
63) Toluene-d8	8.647	98	107909	28.961	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.533%
Target Compounds						
25) Chloroform	5.105	83	3246m	1.439	ug/l	Qvalue

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

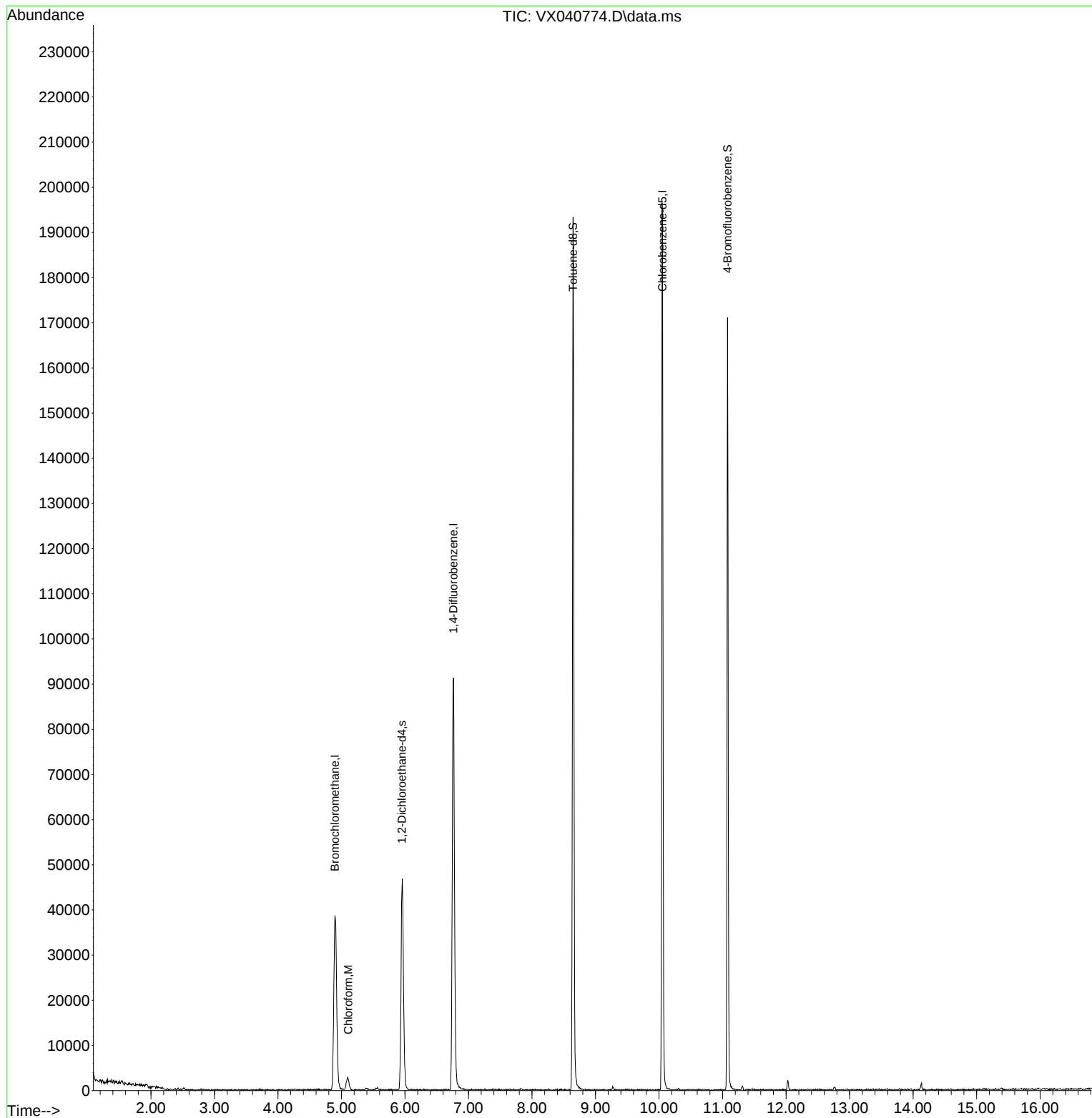
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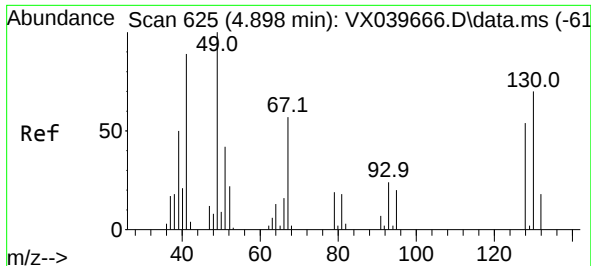
Instrument :
MSVOA_X
ClientSampleId :
240321044-01-TRIP-BLANK

Quant Time: Mar 23 05:04:08 2024
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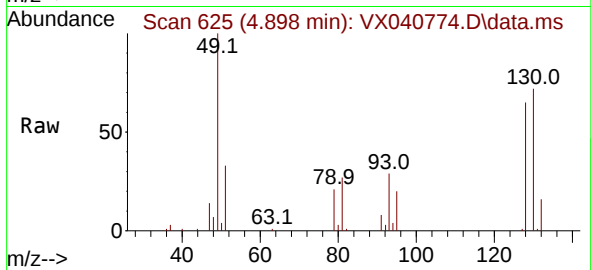
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

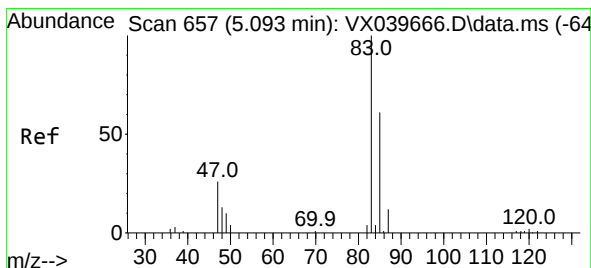
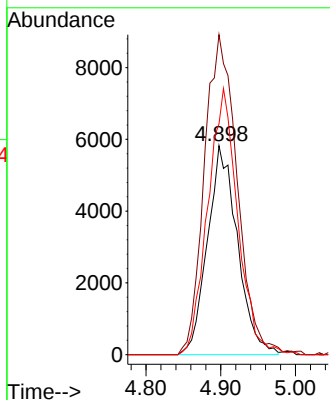
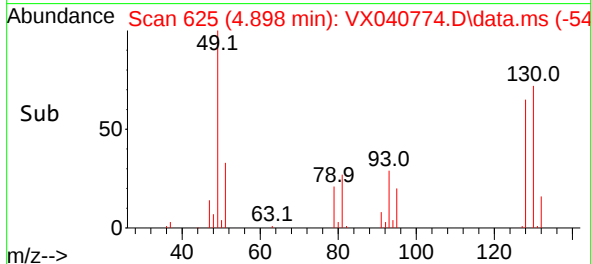
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:128 Resp: 1627
Ion Ratio Lower Upper
128 100
49 164.9 0.0 444.0
130 126.4 0.0 297.8

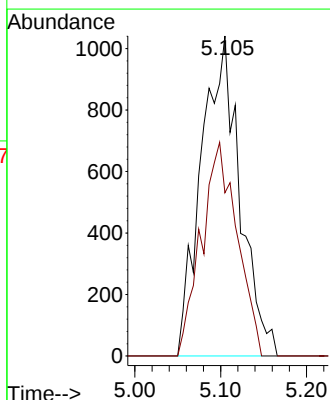
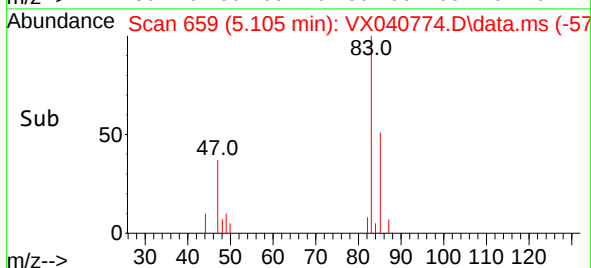
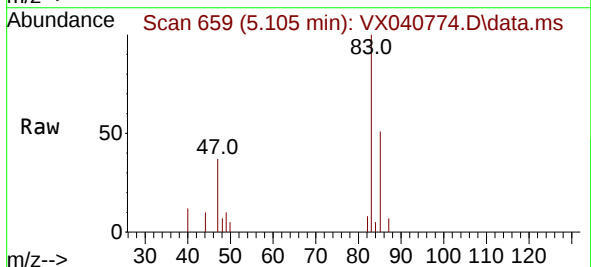
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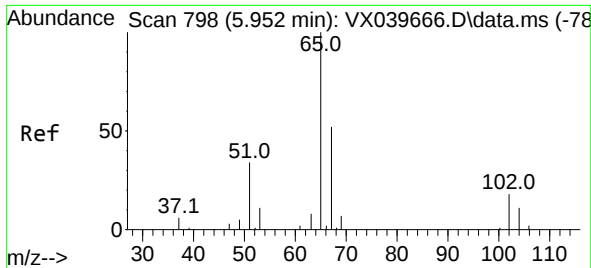
Reviewed By :John Carlone 03/25/2024
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#25
Chloroform
Concen: 1.439 ug/l m
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

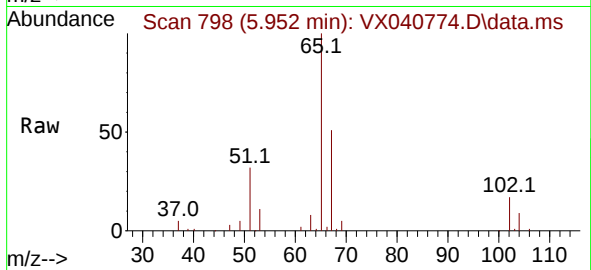
Tgt Ion: 83 Resp: 3246
Ion Ratio Lower Upper
83 100
85 51.0 54.6 81.8#





#27
1,2-Dichloroethane-d4
Concen: 28.780 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

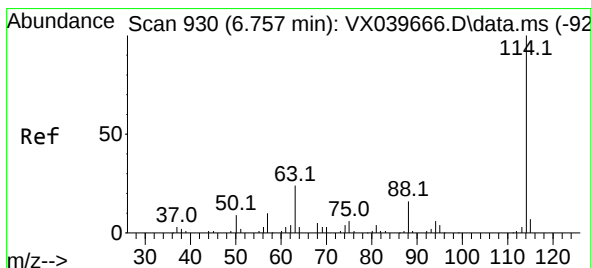
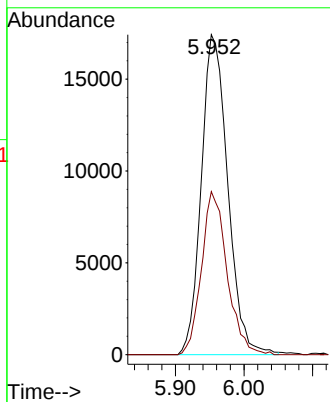
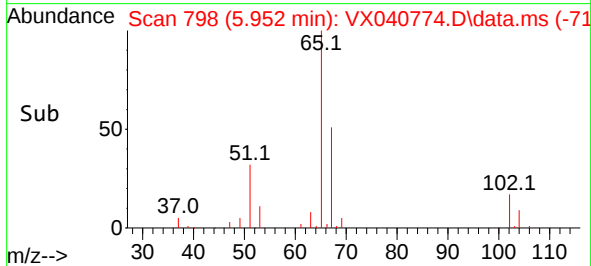
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ClientSampleId :
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Tgt Ion: 65 Resp: 46775
Ion Ratio Lower Upper
65 100
67 49.3 42.5 63.7

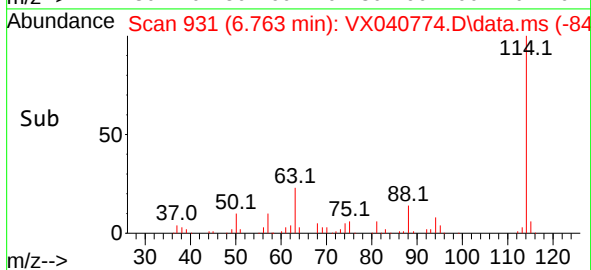
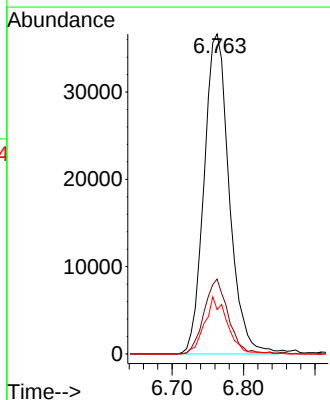
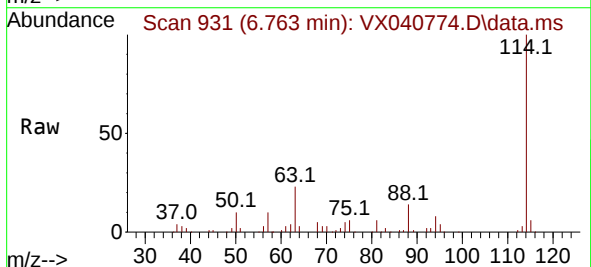
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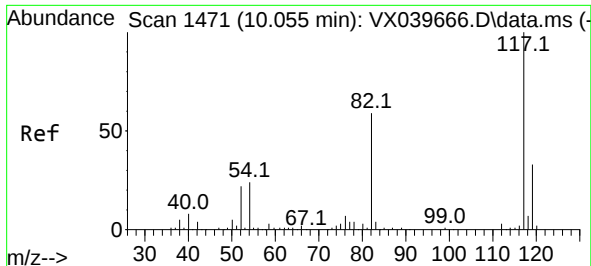
Reviewed By :John Carlone 03/25/2024
Supervised By :Semsettin Yesilyurt 03/25/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

Tgt Ion:114 Resp: 89609
Ion Ratio Lower Upper
114 100
63 22.4 17.0 25.4
88 16.1 12.7 19.1





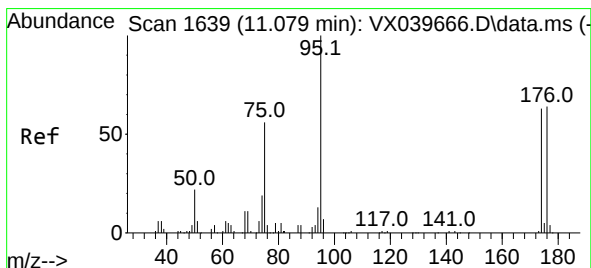
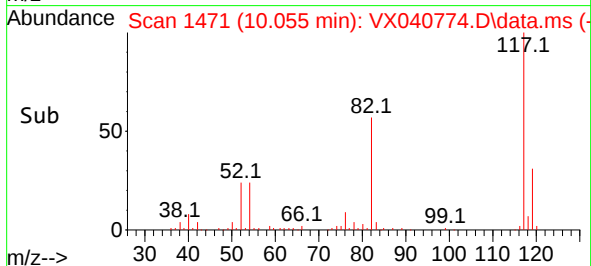
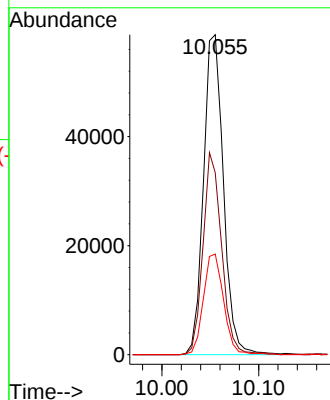
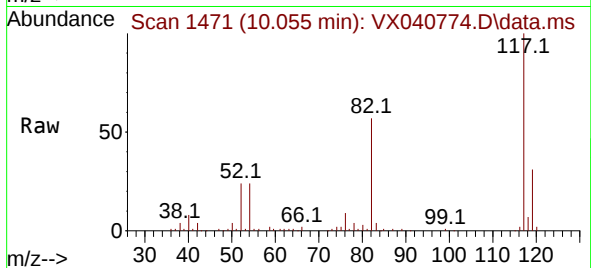
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
240321044-01-TRIP-BLANK

Tgt Ion:117 Resp: 84312
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.6
119 31.7 25.2 37.8

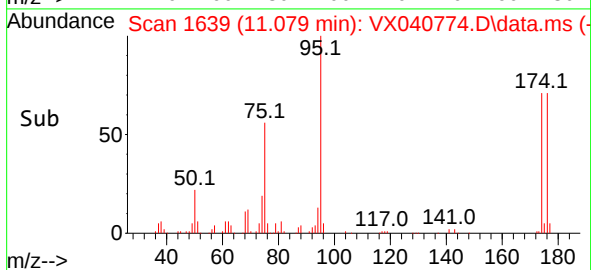
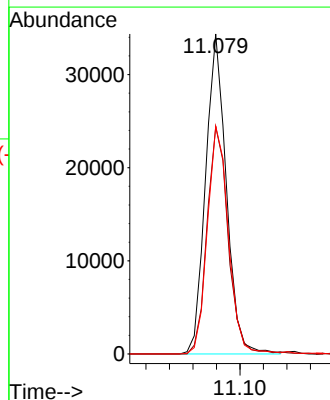
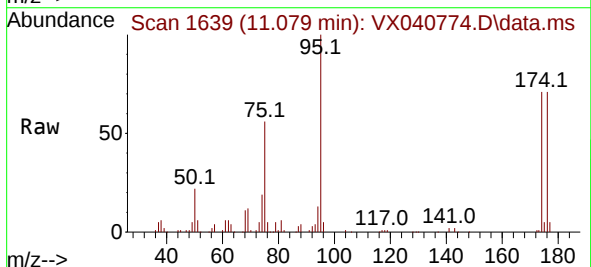
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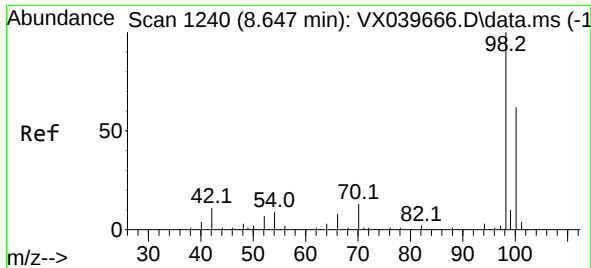
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#60
4-Bromofluorobenzene
Concen: 29.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

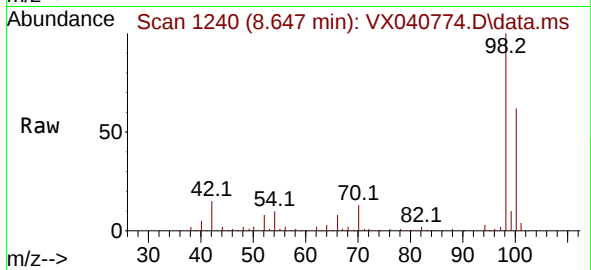
Tgt Ion: 95 Resp: 42048
Ion Ratio Lower Upper
95 100
174 72.2 55.4 83.2
176 72.1 52.6 78.8





#63
Toluene-d8
Concen: 28.961 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040774.D
Acq: 22 Mar 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
240321044-01-TRIP-BLANK



Tgt Ion: 98 Resp: 107909
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.4

Manual Integrations
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