

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041658.D
 Acq On : 28 May 2024 12:25
 Operator : JC/MD
 Sample : P2618-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240523053-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2024
 Supervised By : Mahesh Dadoda 05/29/2024

Quant Time: May 29 05:39:45 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	25016	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	140030	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124633	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61388	31.162	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.867%
60) 4-Bromofluorobenzene	11.079	95	54318	27.918	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.067%
63) Toluene-d8	8.647	98	157321	29.447	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.167%
Target Compounds						
15) Acetone	2.392	58	1505	6.628	ug/l	97
25) Chloroform	5.099	83	3310m	1.160	ug/l	

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

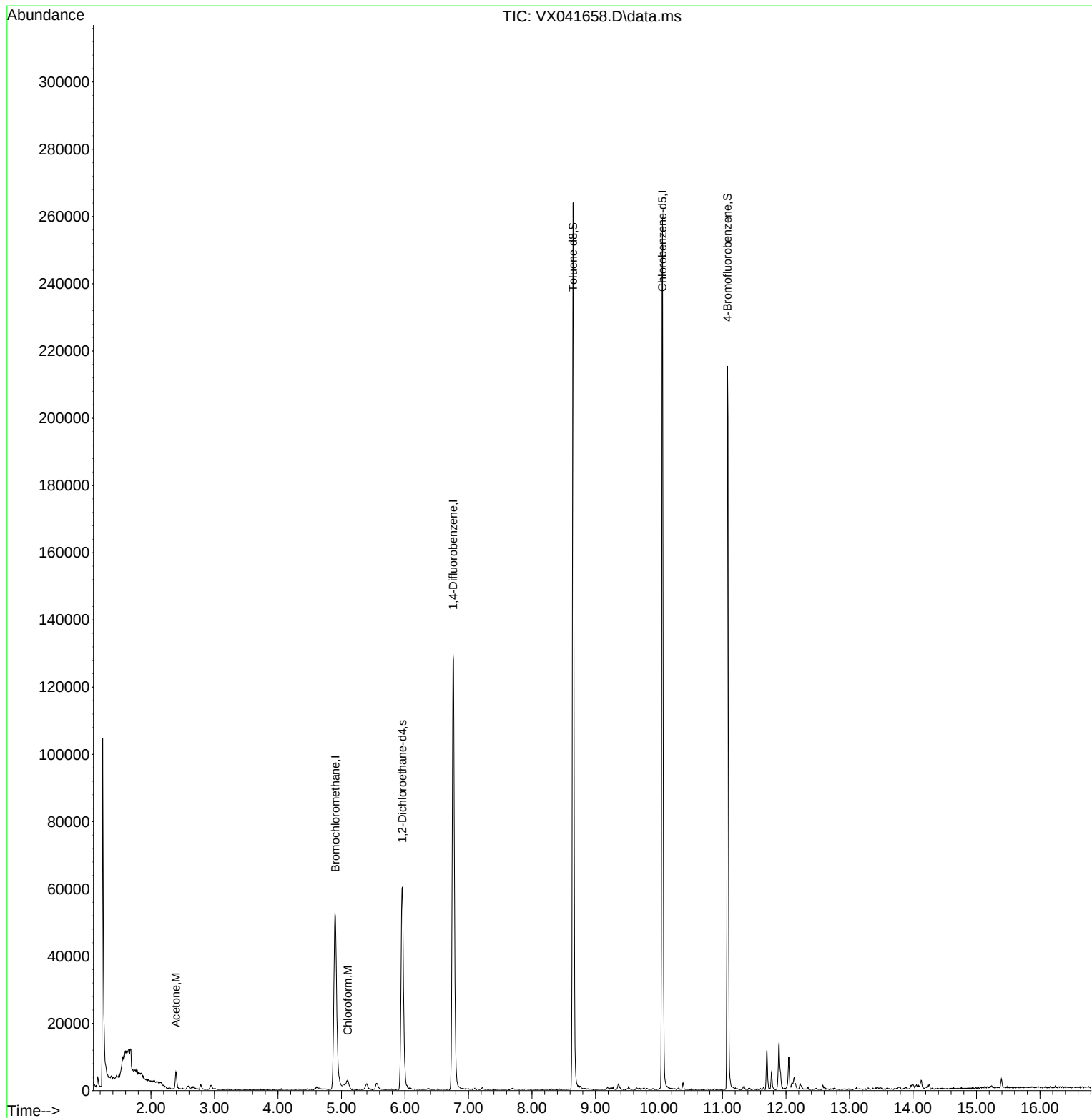
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
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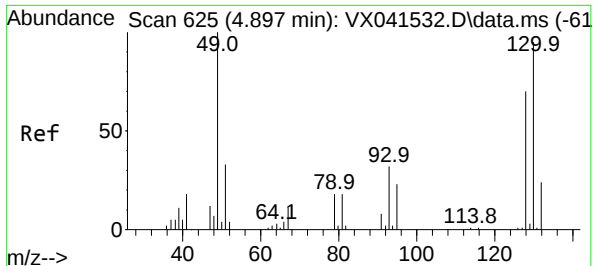
Instrument :
MSVOA_X
ClientSampleId :
240523053-01

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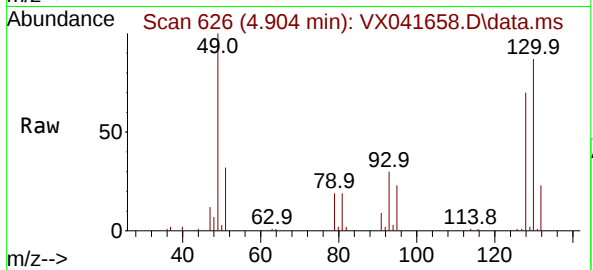
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

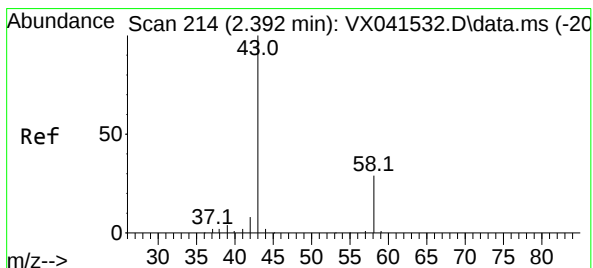
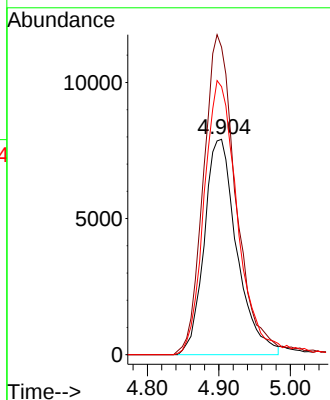
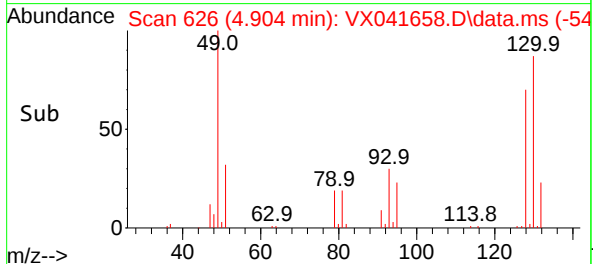
Instrument :
MSVOA_X
ClientSampleId :
240523053-01



Tgt Ion:128 Resp: 25010
Ion Ratio Lower Upper
128 100
49 148.2 0.0 361.5
130 132.1 0.0 324.3

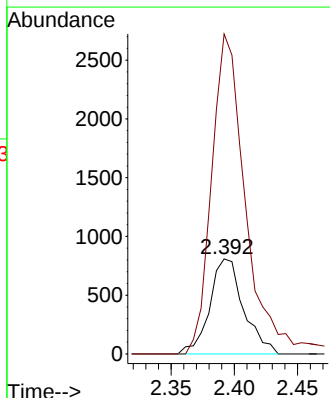
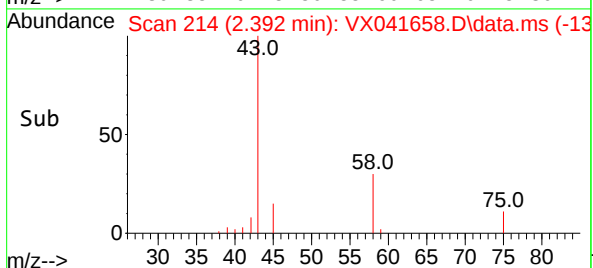
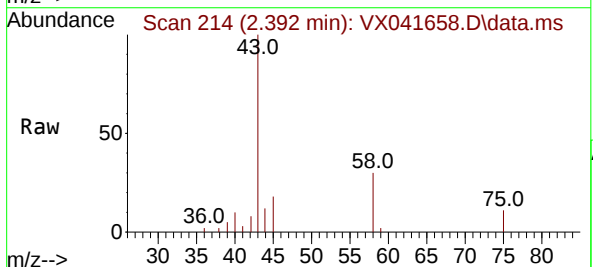
Manual Integrations
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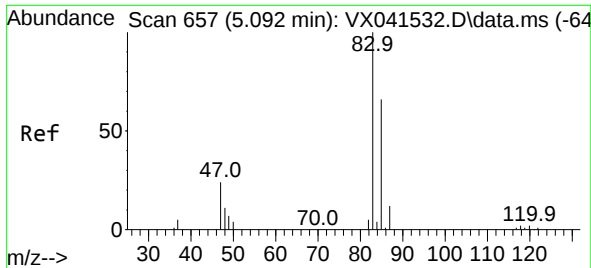
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#15
Acetone
Concen: 6.628 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

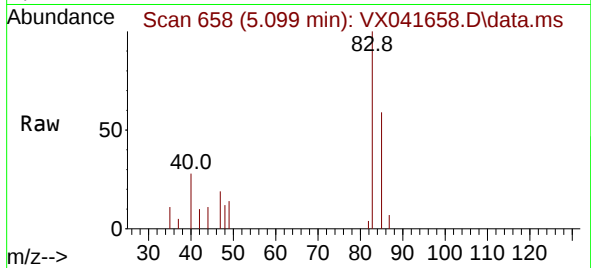
Tgt Ion: 58 Resp: 1505
Ion Ratio Lower Upper
58 100
43 336.6 274.0 411.0





#25
Chloroform
Concen: 1.160 ug/l m
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

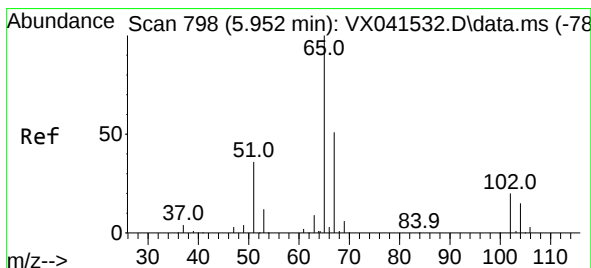
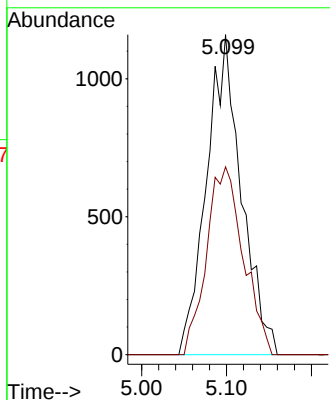
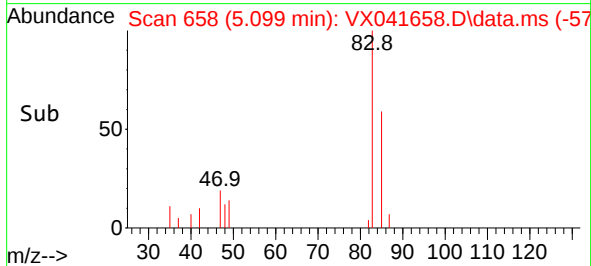
Instrument :
MSVOA_X
ClientSampleId :
240523053-01



Tgt Ion: 83 Resp: 3310
Ion Ratio Lower Upper
83 100
85 58.7 52.9 79.3

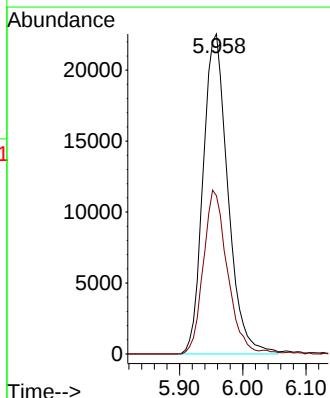
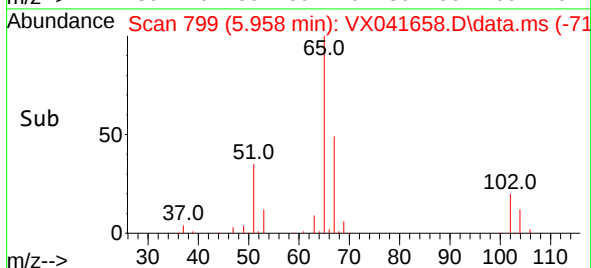
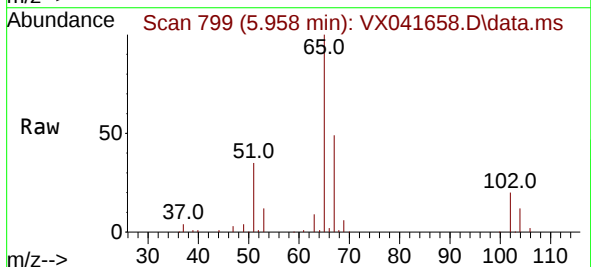
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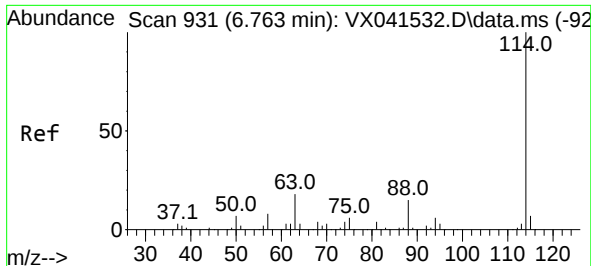
Reviewed By :John Carlone 05/29/2024
Supervised By :Mahesh Dadoda 05/29/2024



#27
1,2-Dichloroethane-d4
Concen: 31.162 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

Tgt Ion: 65 Resp: 61388
Ion Ratio Lower Upper
65 100
67 49.4 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041658.D

Acq: 28 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

240523053-01

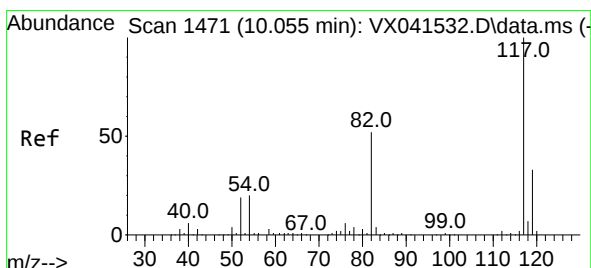
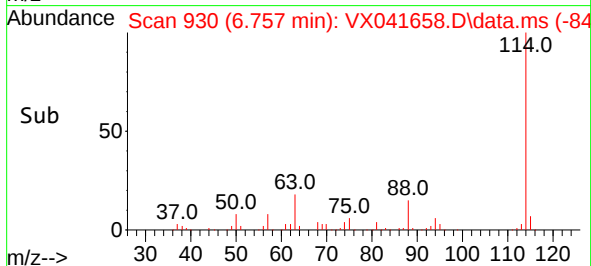
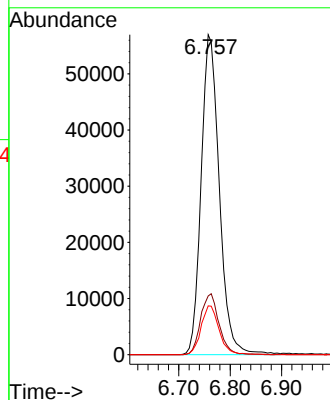
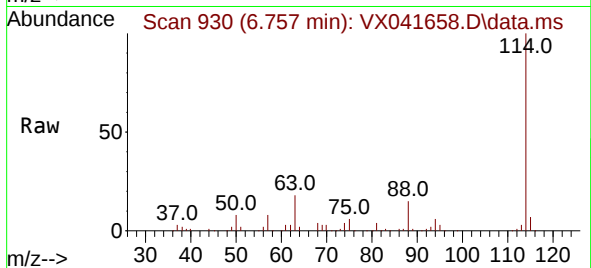
Tgt Ion:	114	Resp:	140030
Ion Ratio	Lower	Upper	
114	100		
63	19.1	15.4	23.0
88	15.1	12.2	18.2

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

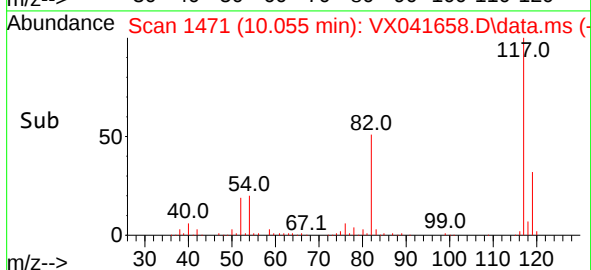
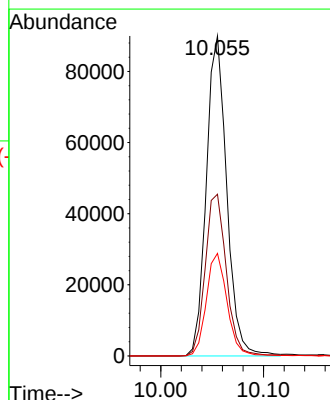
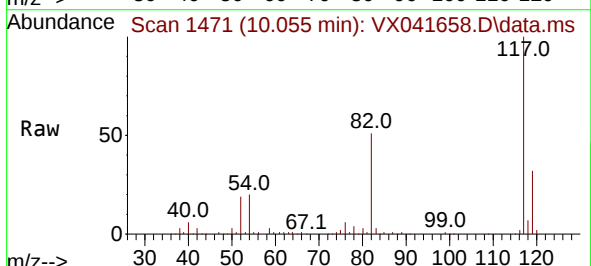
RT: 10.055 min Scan# 1471

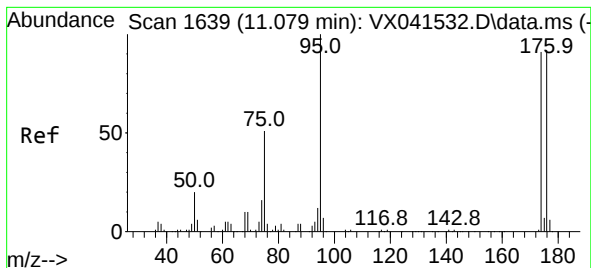
Delta R.T. 0.000 min

Lab File: VX041658.D

Acq: 28 May 2024 12:25

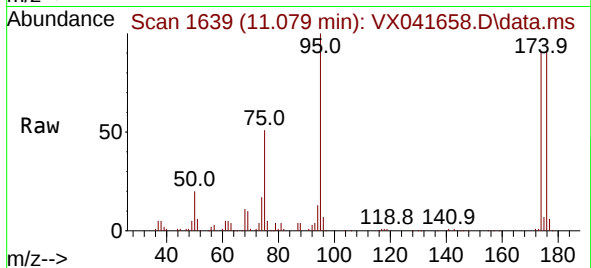
Tgt Ion:	117	Resp:	124633
Ion Ratio	Lower	Upper	
117	100		
82	52.4	41.7	62.5
119	32.6	25.7	38.5





#60
4-Bromofluorobenzene
Concen: 27.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

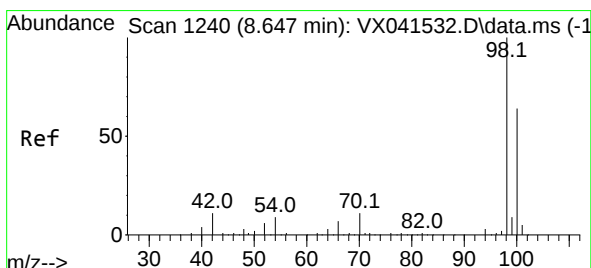
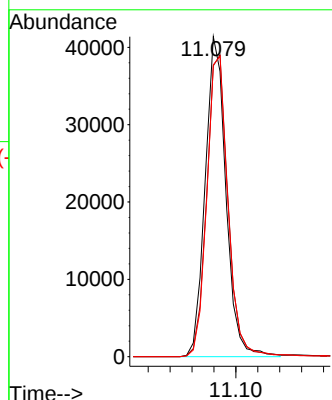
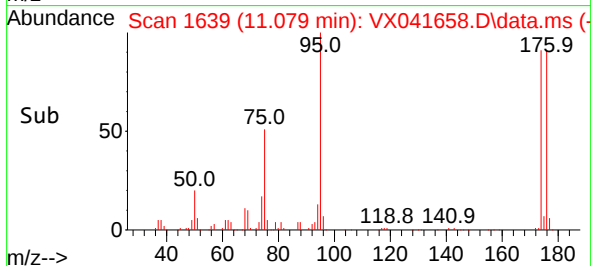
Instrument :
MSVOA_X
ClientSampleId :
240523053-01



Tgt Ion: 95 Resp: 54318
Ion Ratio Lower Upper
95 100
174 97.1 76.6 115.0
176 95.2 75.4 113.0

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Supervised By :Mahesh Dadoda 05/29/2024



#63
Toluene-d8
Concen: 29.447 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041658.D
Acq: 28 May 2024 12:25

Tgt Ion: 98 Resp: 157321
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

