

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036062.D
 Acq On : 07 Jun 2023 15:49
 Operator : JC/MD
 Sample : 03047-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-41

Quant Time: Jun 08 07:22:48 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 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Bromochloromethane	4.904	128	21313	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	120433	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	104081	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58801	33.204	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.667%#
60) 4-Bromofluorobenzene	11.079	95	51820	29.672	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.900%
63) Toluene-d8	8.647	98	138719	30.148	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.500%
Target Compounds						
3) Chloromethane	1.301	50	464m	0.347	ug/l	Qvalue
15) Acetone	2.404	58	852m	3.764	ug/l	

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

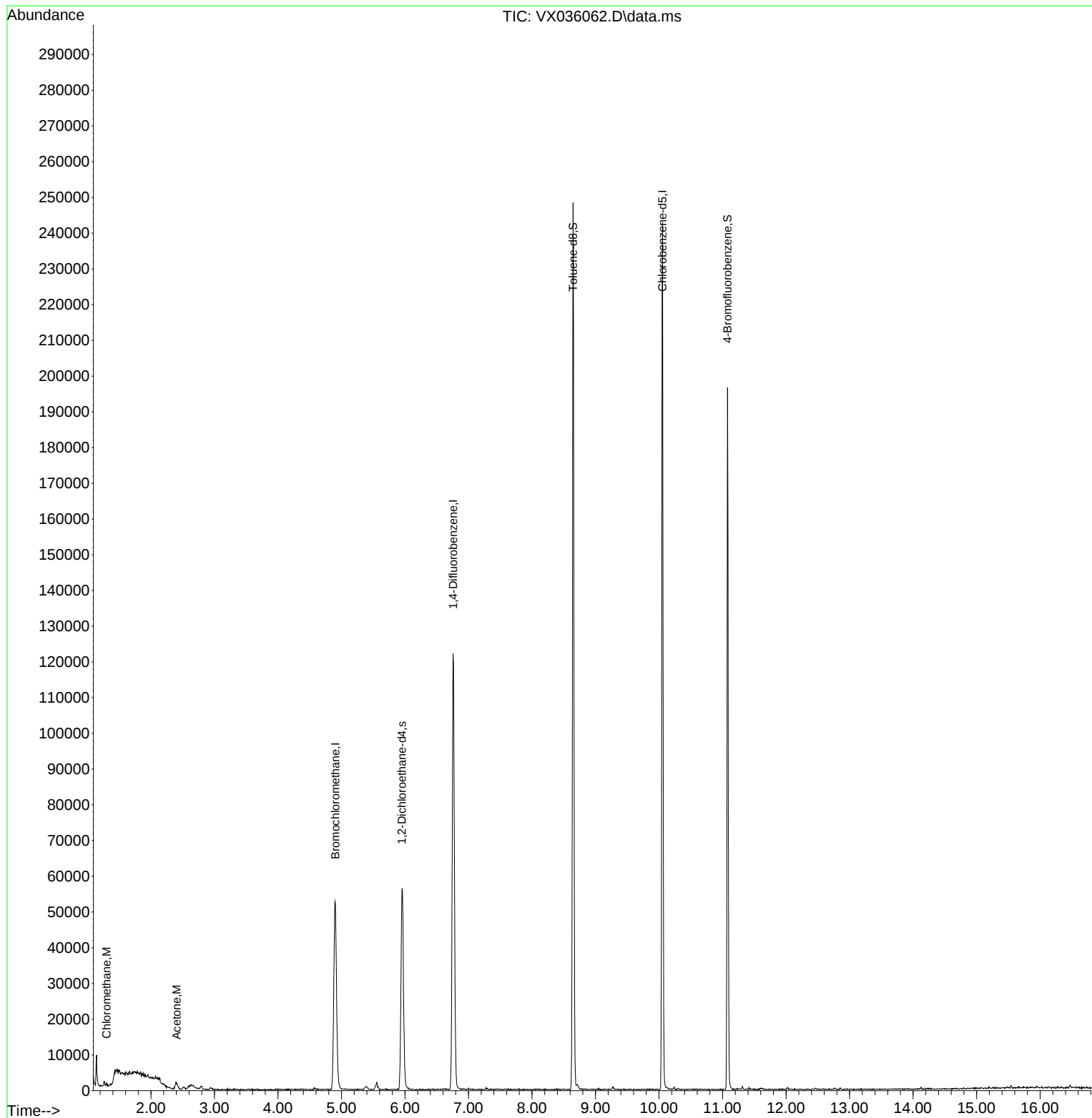
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
Data File : VX036062.D
Acq On : 07 Jun 2023 15:49
Operator : JC/MD
Sample : 03047-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

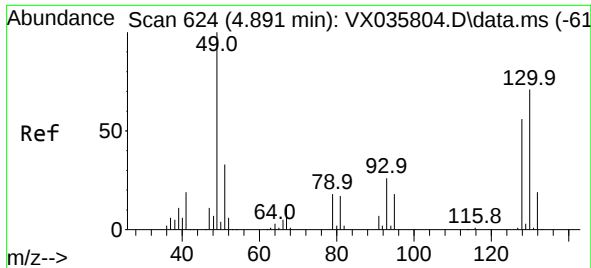
Instrument :
MSVOA_X
ClientSampleId :
MW-41

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/08/2023
Supervised By : Mahesh Dadoda 06/08/2023

Quant Time: Jun 08 07:22:48 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





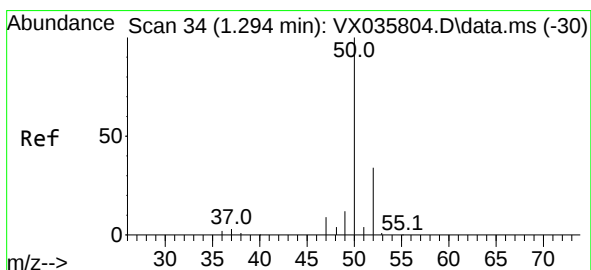
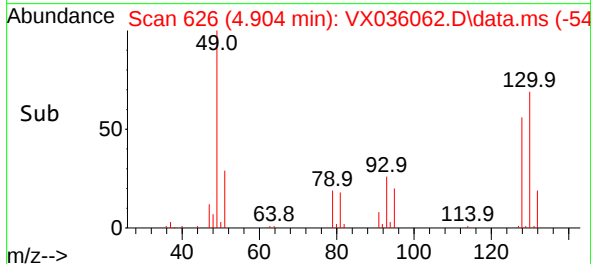
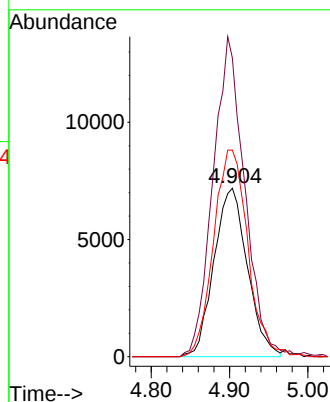
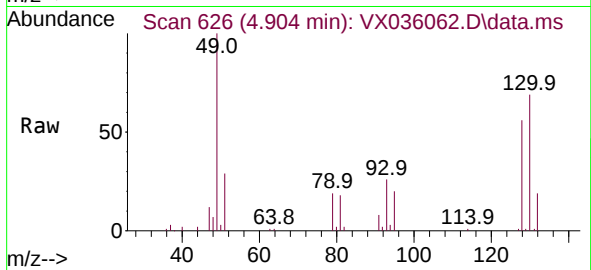
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:128 Resp: 2131
Ion Ratio Lower Upper
128 100
49 179.5 0.0 428.8
130 125.1 0.0 310.8

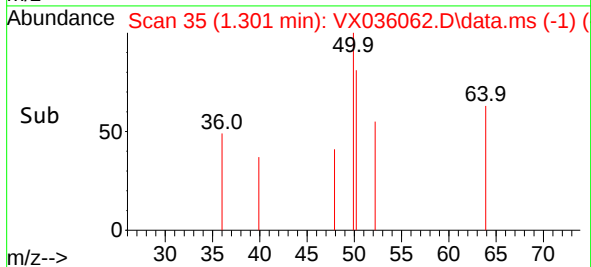
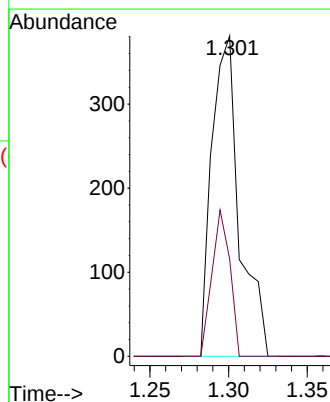
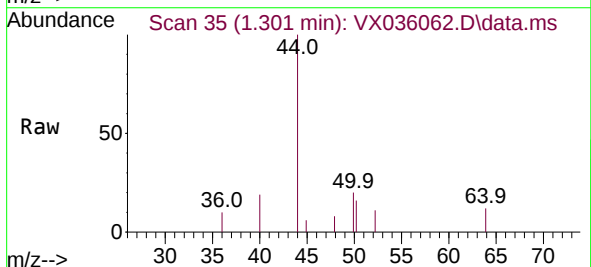
Manual Integrations
APPROVED

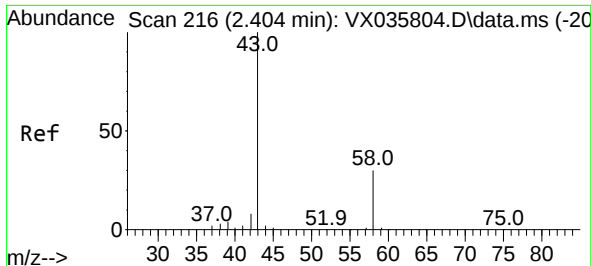
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#3
Chloromethane
Concen: 0.347 ug/l m
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 55.0 24.6 36.8#





#15

Acetone

Concen: 3.764 ug/l m

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX036062.D

Acq: 07 Jun 2023 15:49

Instrument :

MSVOA_X

ClientSampleId :

MW-41

Tgt Ion: 58 Resp: 852

Ion Ratio Lower Upper

58 100

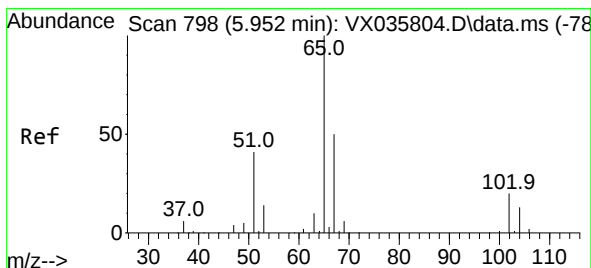
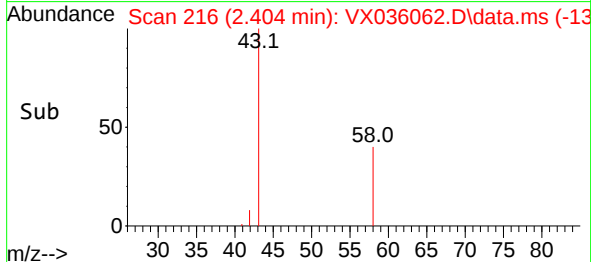
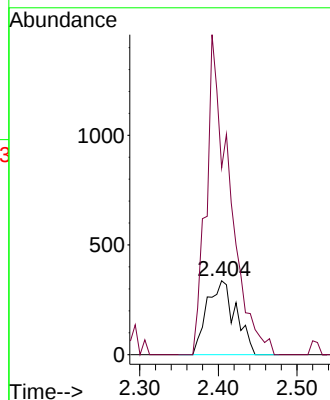
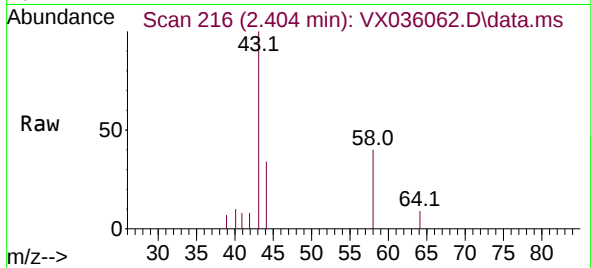
43 252.5 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#27

1,2-Dichloroethane-d4

Concen: 33.204 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036062.D

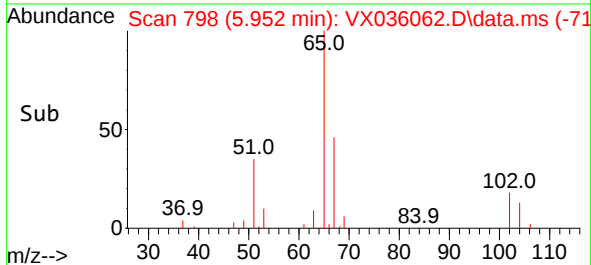
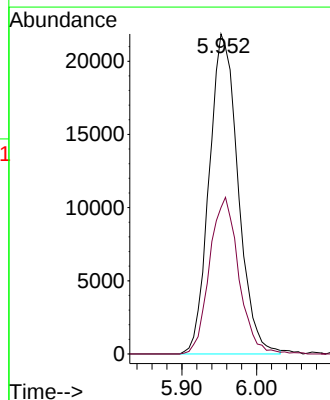
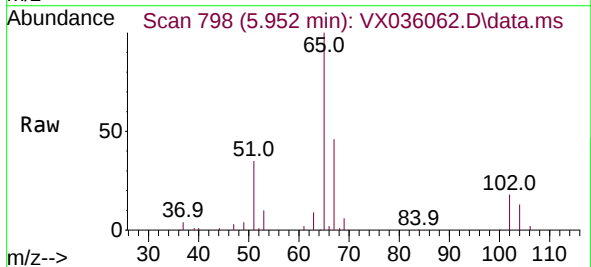
Acq: 07 Jun 2023 15:49

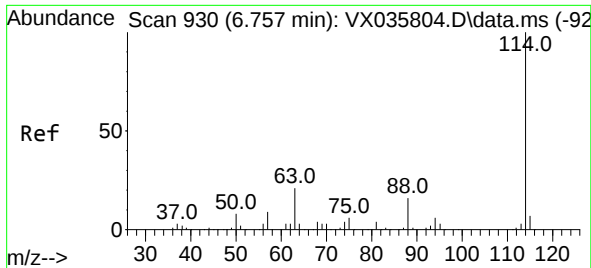
Tgt Ion: 65 Resp: 58801

Ion Ratio Lower Upper

65 100

67 48.7 40.9 61.3





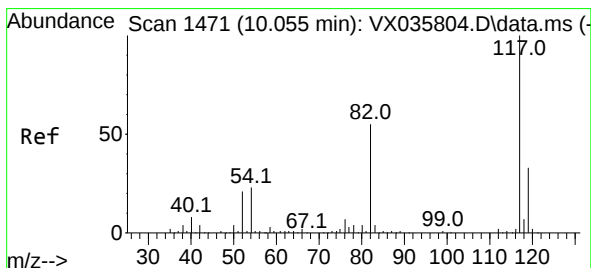
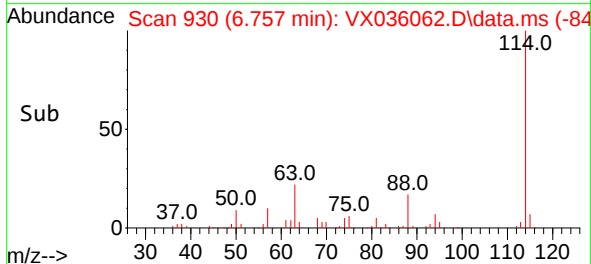
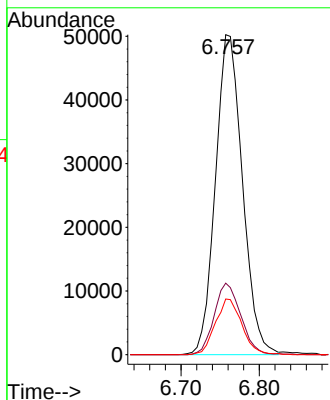
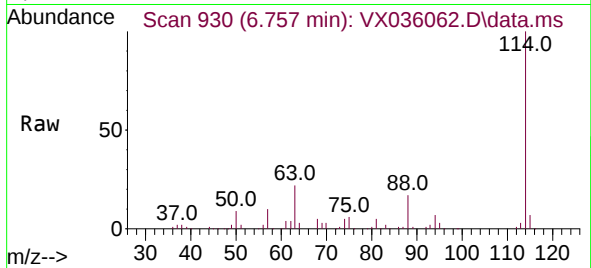
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

Instrument :
MSVOA_X
ClientSampleId :
MW-41

Tgt Ion:114 Resp: 120431
Ion Ratio Lower Upper
114 100
63 21.9 18.0 27.0
88 17.0 13.3 19.9

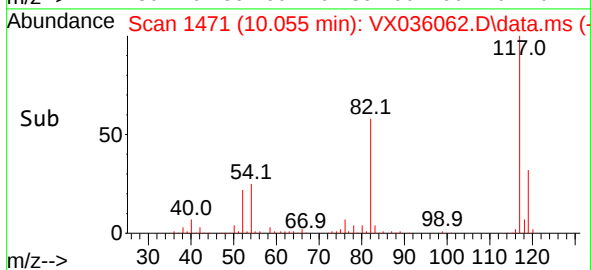
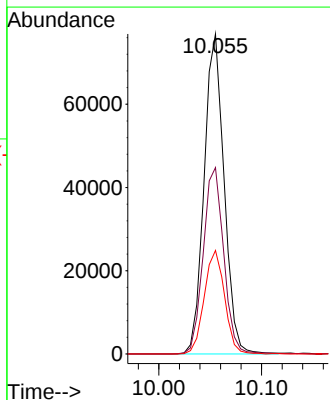
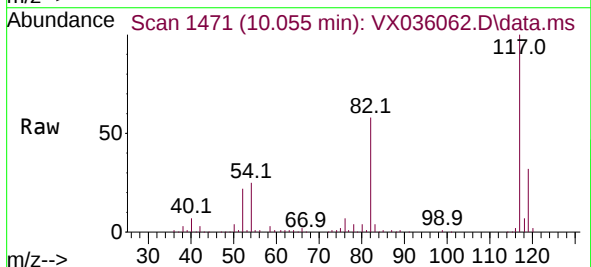
Manual Integrations
APPROVED

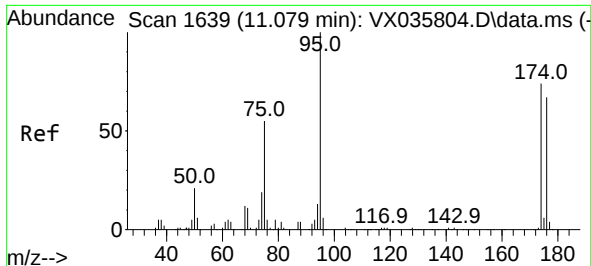
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

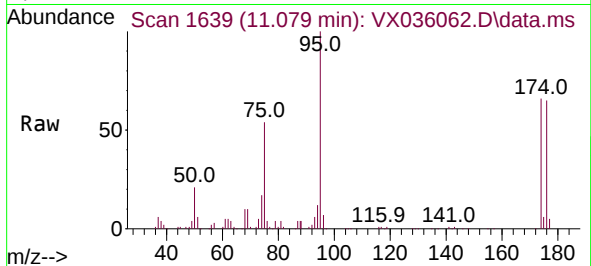
Tgt Ion:117 Resp: 104081
Ion Ratio Lower Upper
117 100
82 59.8 45.8 68.8
119 32.8 25.4 38.0





#60
4-Bromofluorobenzene
Concen: 29.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

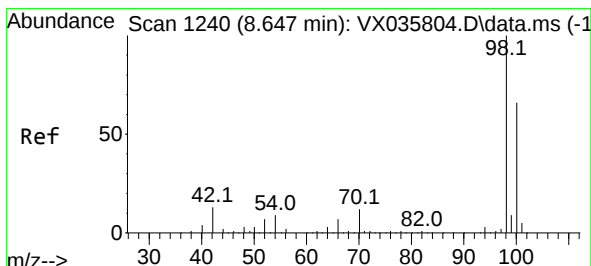
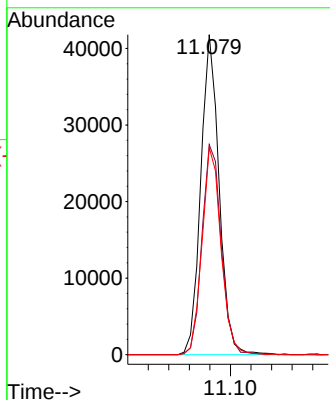
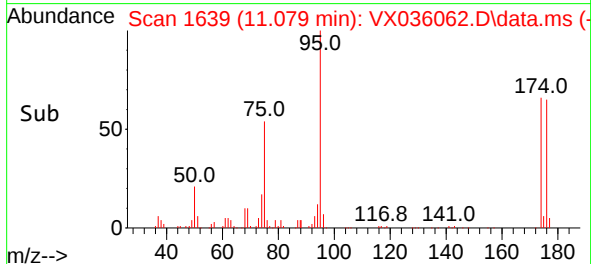
Instrument :
MSVOA_X
ClientSampleId :
MW-41



Tgt Ion: 95 Resp: 51820
Ion Ratio Lower Upper
95 100
174 68.6 0.2 0.4
176 66.7 0.2 0.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#63
Toluene-d8
Concen: 30.148 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036062.D
Acq: 07 Jun 2023 15:49

Tgt Ion: 98 Resp: 138719
Ion Ratio Lower Upper
98 100
100 66.5 52.1 78.1

