

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037552.D
 Acq On : 06 Sep 2023 14:11
 Operator : JC/MD
 Sample : 04220-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2023
 Supervised By : Mahesh Dadoda 09/07/2023

Quant Time: Sep 06 22:46:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75409	39.401	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	78.800%		
35) Dibromofluoromethane	5.391	113	66193	45.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.647	98	254949	48.824	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	92292	44.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	174302	388.240	ug/l #	93
16) Acetone	2.386	43	2699	3.605	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	68990	13.311	ug/l	96
22) Diisopropyl ether	3.764	45	18309	4.218	ug/l #	67
29) Tetrahydrofuran	5.013	42	9033	12.564	ug/l #	83
49) 1,4-Dioxane	7.678	88	657m	15.081	ug/l	
73) Isopropylbenzene	10.963	105	2104	0.338	ug/l	94

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

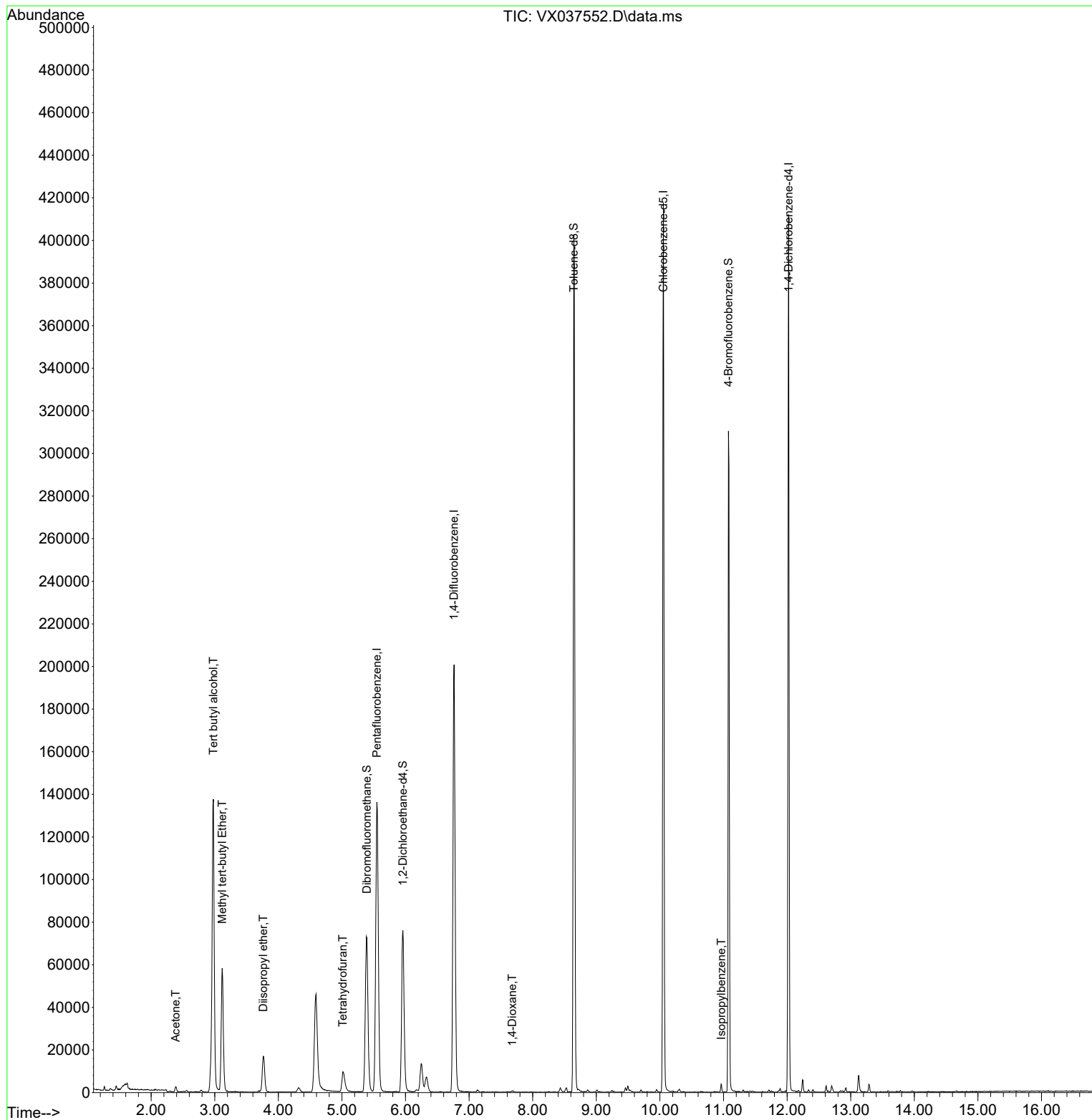
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
Data File : VX037552.D
Acq On : 06 Sep 2023 14:11
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

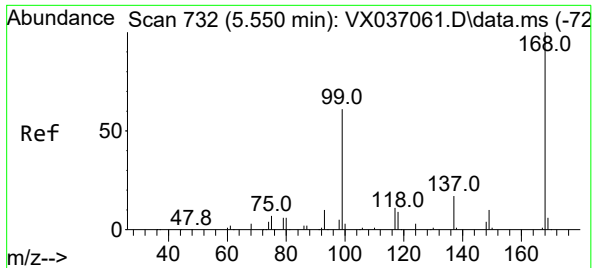
Instrument :
MSVOA_X
ClientSampleId :
MW1R

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Supervised By : Mahesh Dadoda 09/07/2023

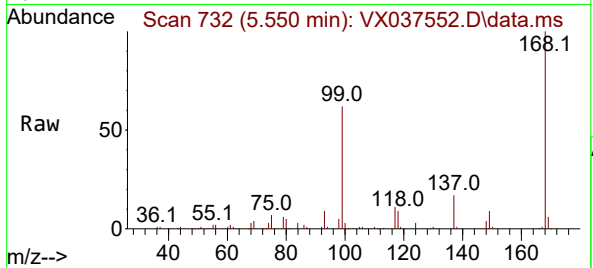
Quant Time: Sep 06 22:46:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

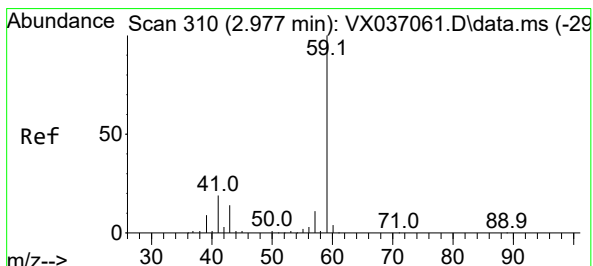
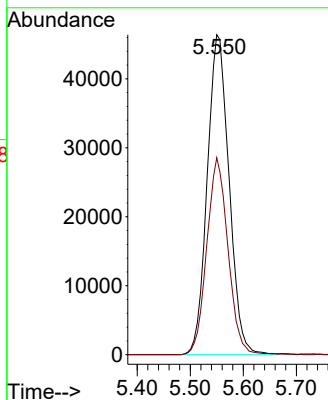
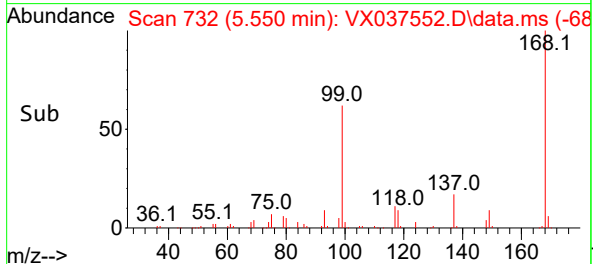
Instrument :
MSVOA_X
ClientSampleId :
MW1R



Tgt Ion:168 Resp: 132754
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0

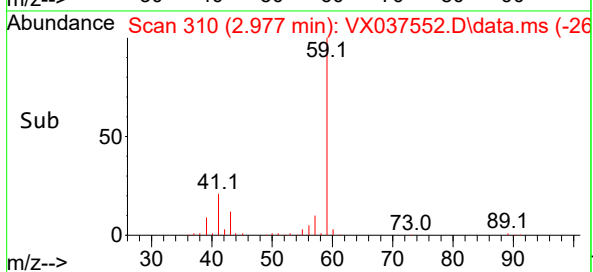
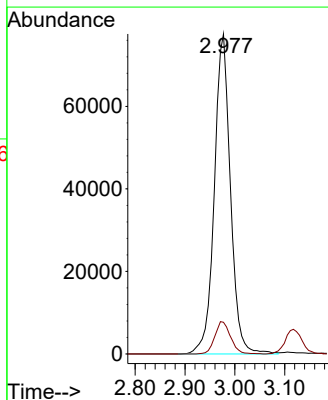
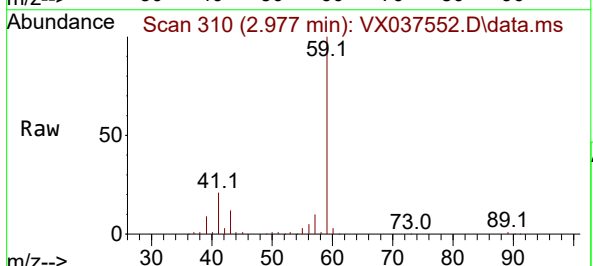
Manual Integrations
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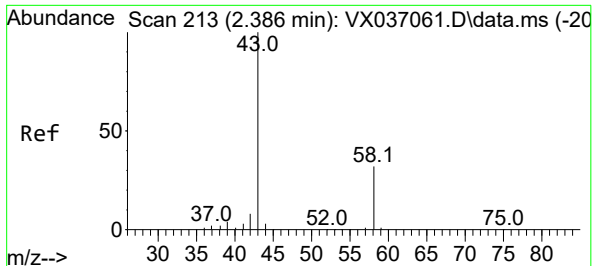
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#11
Tert butyl alcohol
Concen: 388.240 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

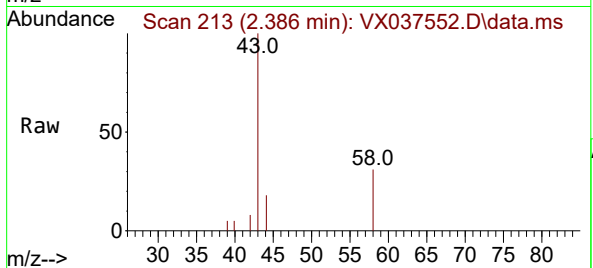
Tgt Ion: 59 Resp: 174302
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0#





#16
Acetone
Concen: 3.605 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

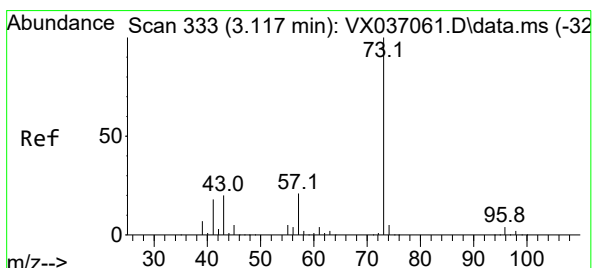
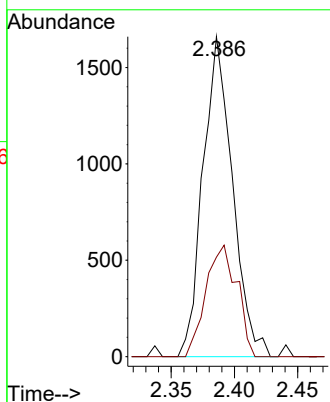
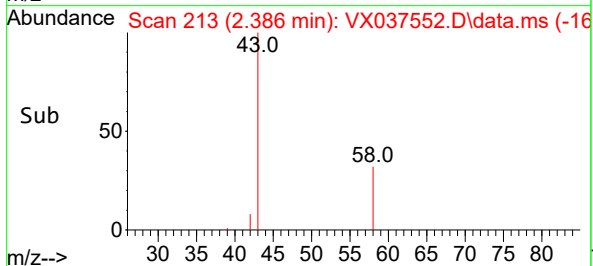
Instrument :
MSVOA_X
ClientSampleId :
MW1R



Tgt Ion: 43 Resp: 269
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

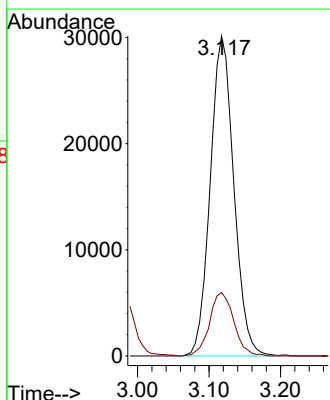
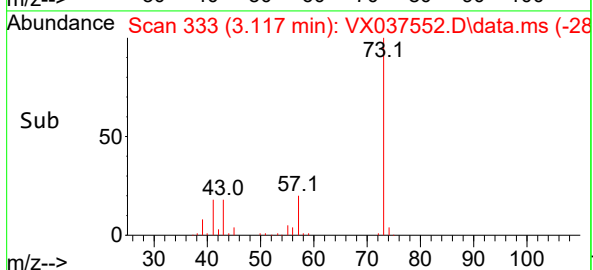
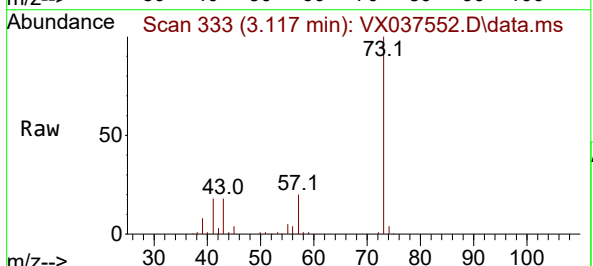
Manual Integrations
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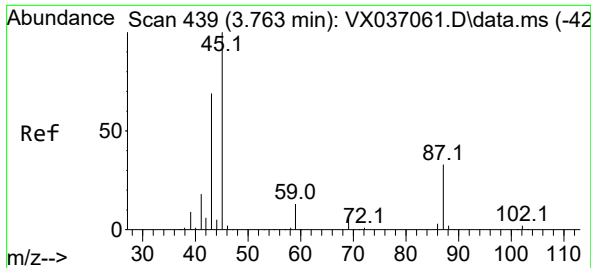
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#19
Methyl tert-butyl Ether
Concen: 13.311 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

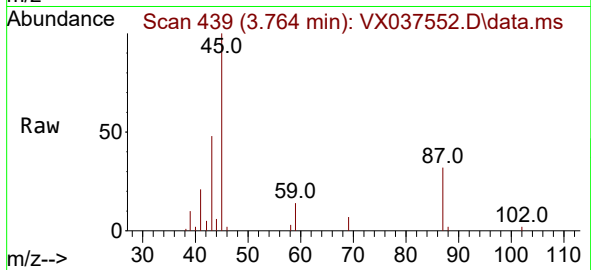
Tgt Ion: 73 Resp: 68990
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9





#22
Diisopropyl ether
Concen: 4.218 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

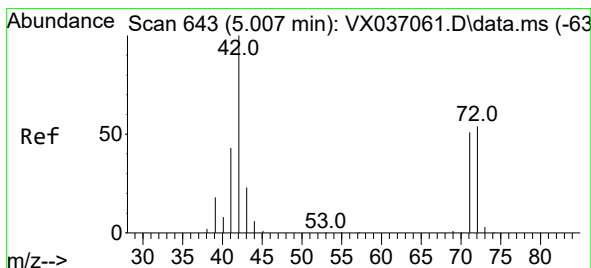
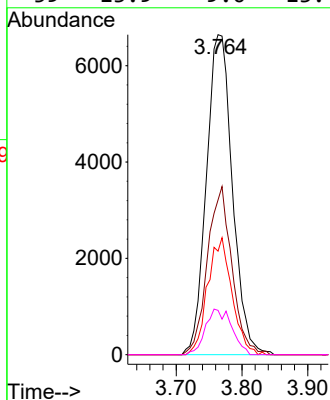
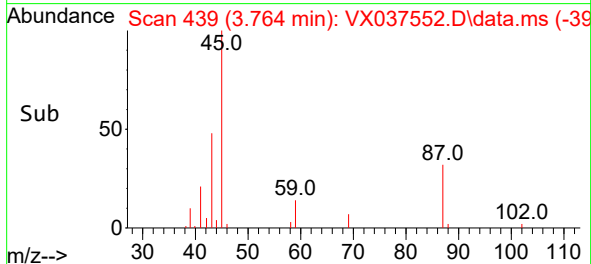
Instrument :
MSVOA_X
ClientSampleId :
MW1R



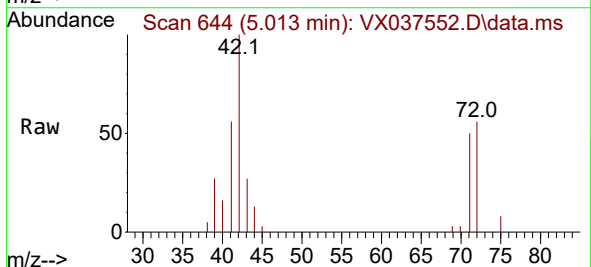
Tgt Ion: 45 Resp: 18309
Ion Ratio Lower Upper
45 100
43 48.3 69.7 104.5#
87 32.3 20.8 31.2#
59 13.9 9.0 13.4#

Manual Integrations
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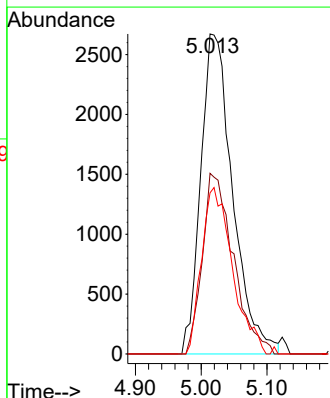
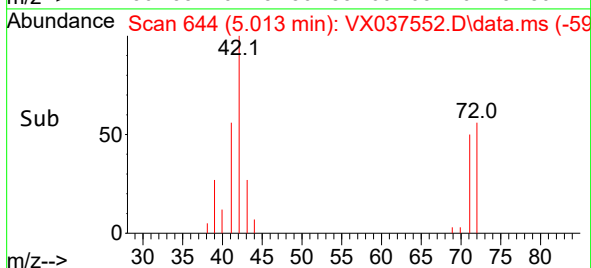
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

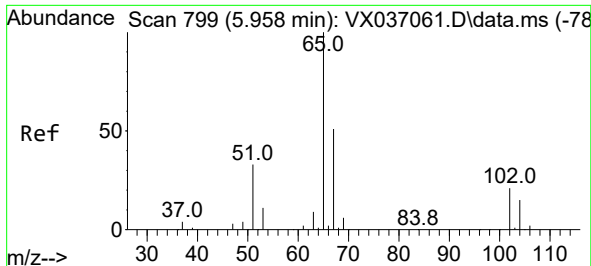


#29
Tetrahydrofuran
Concen: 12.564 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11



Tgt Ion: 42 Resp: 9033
Ion Ratio Lower Upper
42 100
72 54.8 34.2 51.4#
71 50.1 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 39.401 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037552.D

Acq: 06 Sep 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

MW1R

Tgt Ion: 65 Resp: 75409

Ion Ratio Lower Upper

65 100

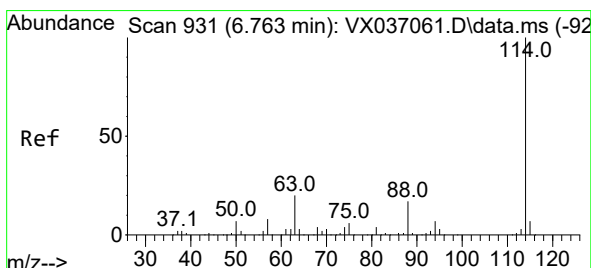
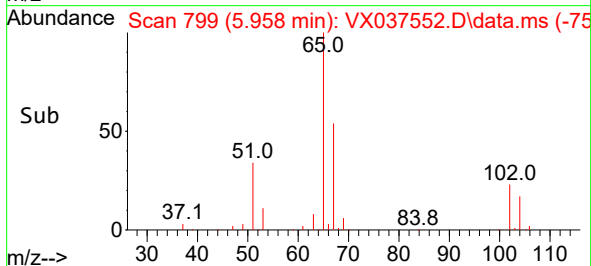
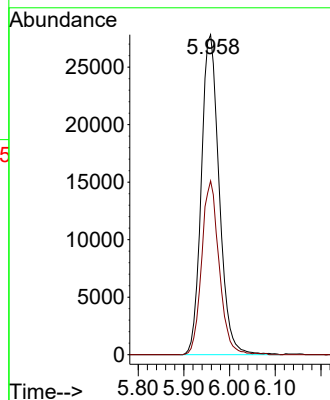
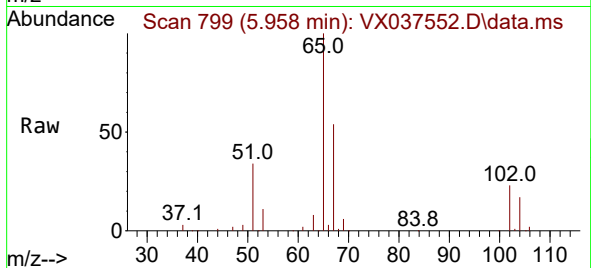
67 52.9 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037552.D

Acq: 06 Sep 2023 14:11

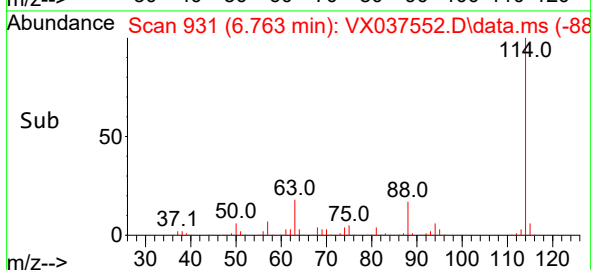
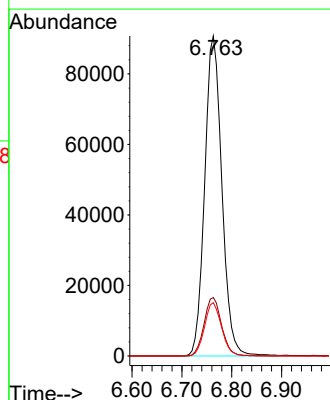
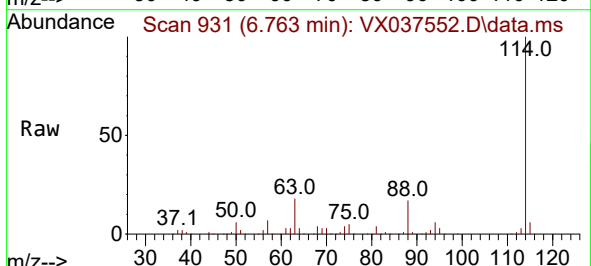
Tgt Ion:114 Resp: 217365

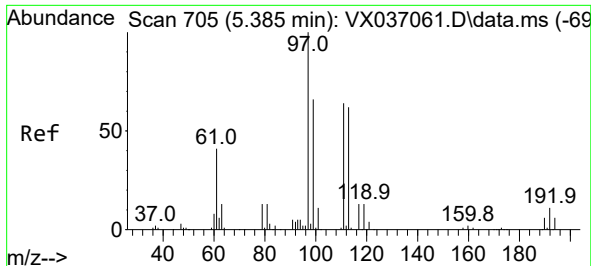
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.981 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037552.D

Acq: 06 Sep 2023 14:11

Instrument :

MSVOA_X

ClientSampleId :

MW1R

Tgt Ion:113 Resp: 6619

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

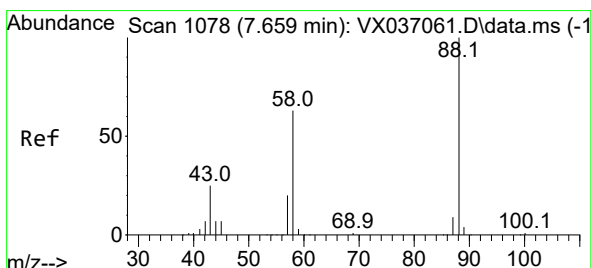
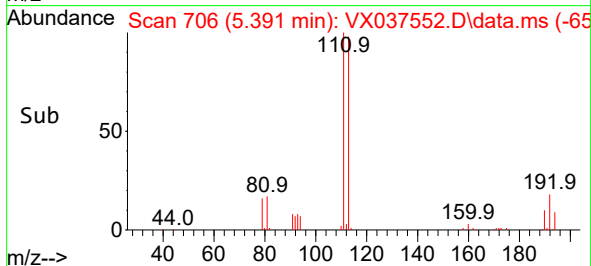
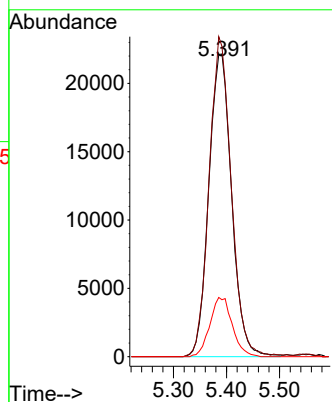
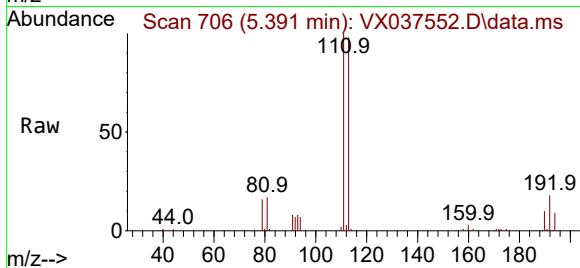
192 19.2 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/07/2023

Supervised By :Mahesh Dadoda 09/07/2023



#49

1,4-Dioxane

Concen: 15.081 ug/l m

RT: 7.678 min Scan# 1081

Delta R.T. 0.018 min

Lab File: VX037552.D

Acq: 06 Sep 2023 14:11

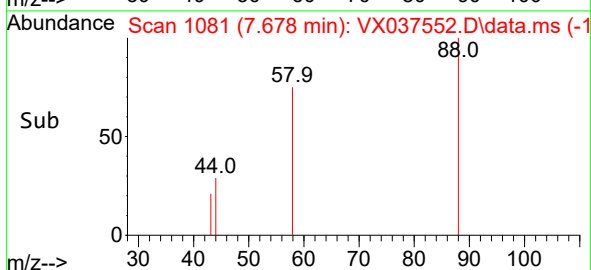
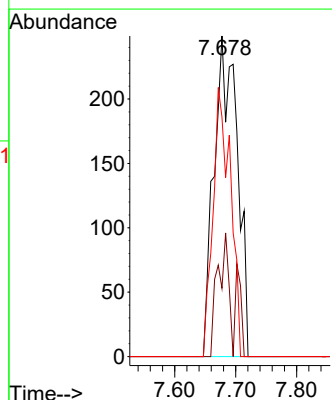
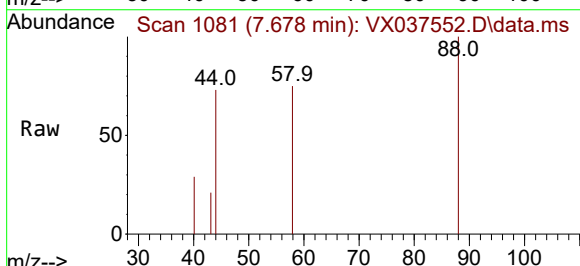
Tgt Ion: 88 Resp: 657

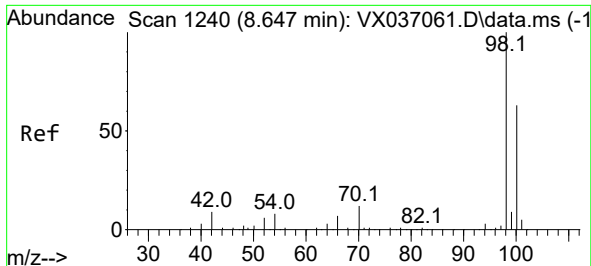
Ion Ratio Lower Upper

88 100

43 18.6 0.0 0.0#

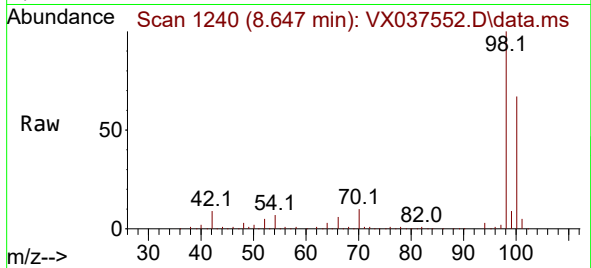
58 63.5 60.1 90.1





#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

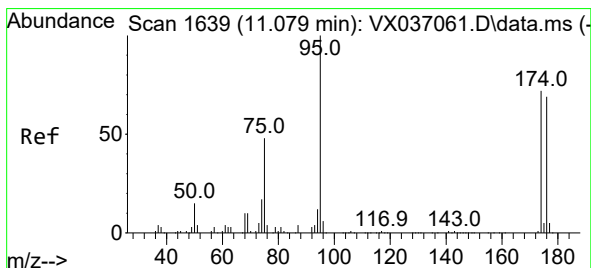
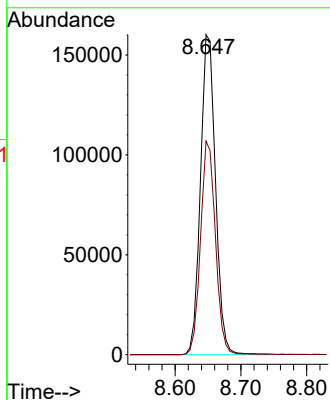
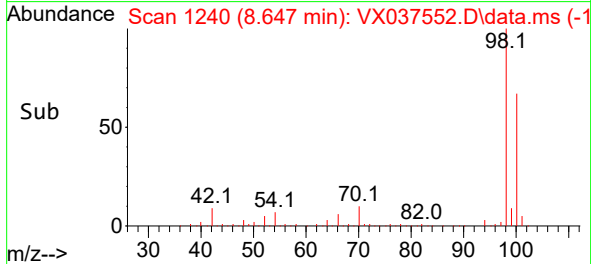
Instrument :
MSVOA_X
ClientSampleId :
MW1R



Tgt Ion: 98 Resp: 254949
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

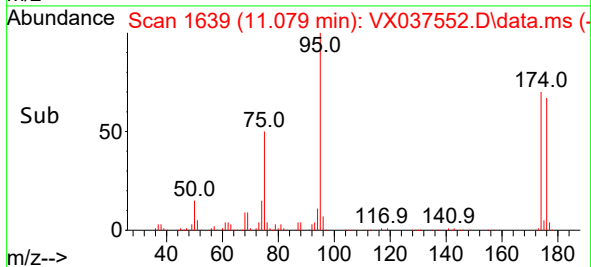
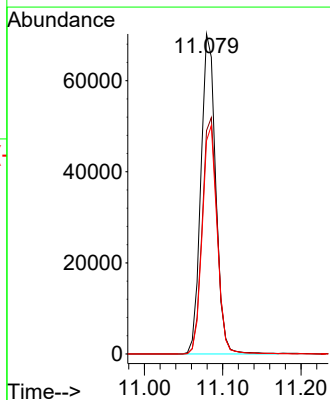
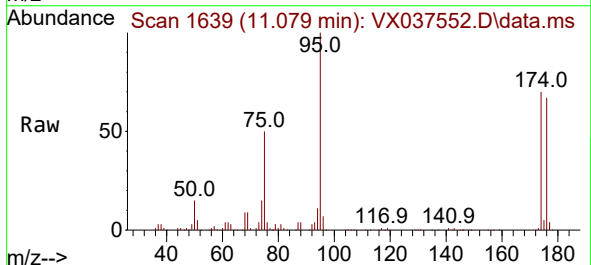
Manual Integrations
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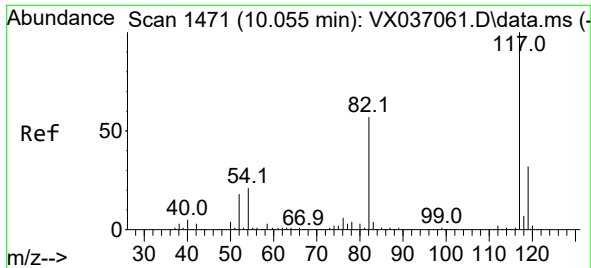
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

Tgt Ion: 95 Resp: 92292
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 71.6 0.0 131.0





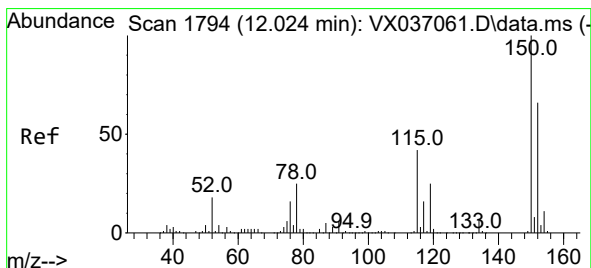
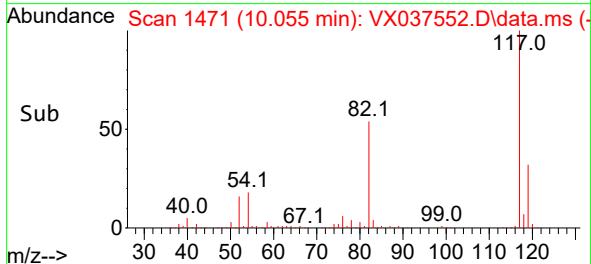
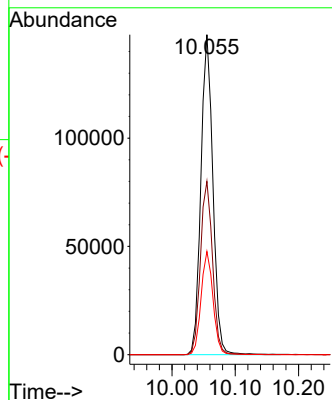
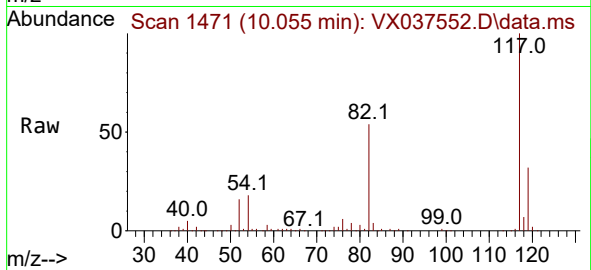
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
MW1R

Tgt Ion:117 Resp: 19514
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.3 25.5 38.3

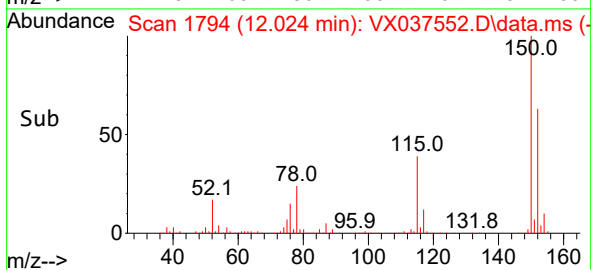
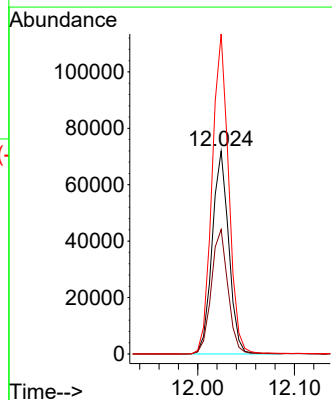
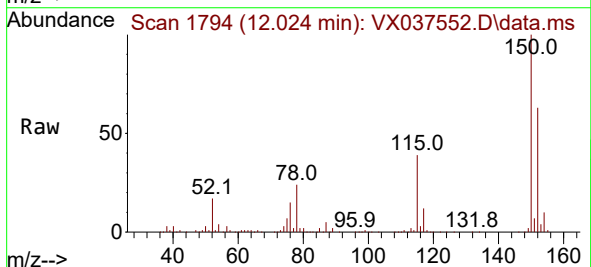
Manual Integrations
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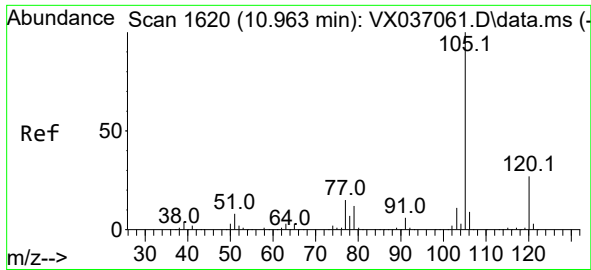
Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

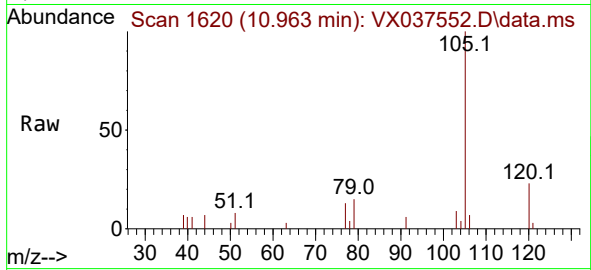
Tgt Ion:152 Resp: 85719
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 158.7 0.0 345.0





#73
Isopropylbenzene
Concen: 0.338 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037552.D
Acq: 06 Sep 2023 14:11

Instrument :
MSVOA_X
ClientSampleId :
MW1R



Tgt Ion:105 Resp: 2104
Ion Ratio Lower Upper
105 100
120 22.4 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/07/2023
Supervised By :Mahesh Dadoda 09/07/2023

