

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055074.D
 Acq On : 02 Sep 2023 05:09
 Operator : MD/SY
 Sample : 04250-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
 Supervised By :Mahesh Dadoda 09/05/2023

Quant Time: Sep 02 05:29:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	99081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40427	4.585	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.911	69	48939	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.563	65	26158	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	4.631	46	138602	54.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.058	84	118775	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.701	65	59776	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.724	84	239394	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.689	67	77319	5.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	208493	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.177	79	18742	4.513	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.634	63	81777	48.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53305	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	76766	5.308	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds	Qvalue					
13) Acetone	2.637	43	67194	39.186	ug/L	98
14) Carbon disulfide	2.795	76	2897	0.136	ug/L	98
15) Methyl Acetate	2.956	43	20404	5.813	ug/L	92
16) Methylene chloride	3.042	84	7643	0.575	ug/L	88
18) trans-1,2-Dichloroethene	3.351	96	1729	0.196	ug/L	82
21) 2-Butanone	4.718	43	15261m	6.057	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	9130	0.845	ug/L	90
34) Trichloroethene	6.541	95	15174	1.335	ug/L	98
40) 4-Methyl-2-pentanone	7.795	43	10121	1.594	ug/L #	86
42) Toluene	7.968	91	45638	1.047	ug/L	89
47) Tetrachloroethene	8.553	164	1267	0.161	ug/L	83
52) Ethylbenzene	9.569	91	10413	0.214	ug/L	94
53) m,p-Xylene	9.692	106	9771	0.542	ug/L	94
54) o-Xylene	10.100	106	4894	0.276	ug/L	99
55) Styrene	10.116	104	23423	0.799	ug/L	99

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

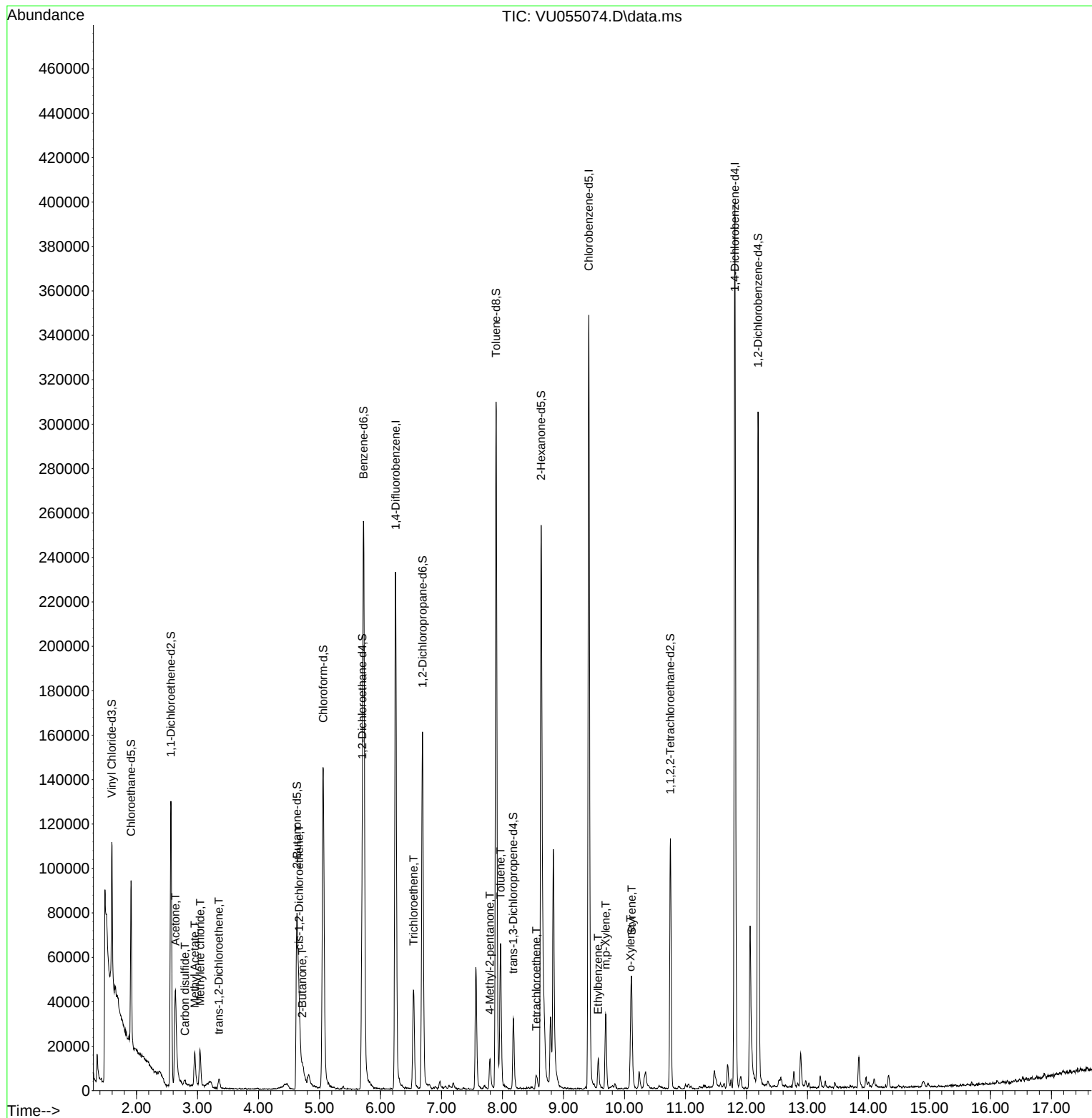
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
Data File : VU055074.D
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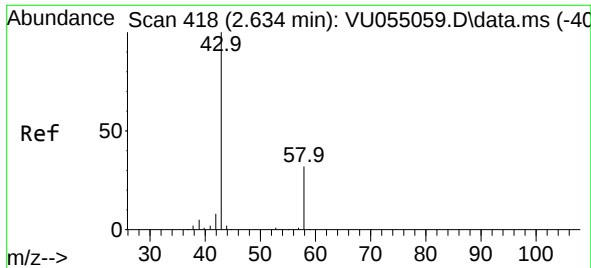
Instrument :
MSVOA_U
ClientSampleId :
BH4E8

Quant Time: Sep 02 05:29:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
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Supervised By : Mahesh Dadoda 09/05/2023





#13

Acetone

Concen: 39.186 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU055074.D

Acq: 02 Sep 2023 05:09

Instrument :

MSVOA_U

ClientSampleId :

BH4E8

Tgt Ion: 43 Resp: 67194

Ion Ratio Lower Upper

43 100

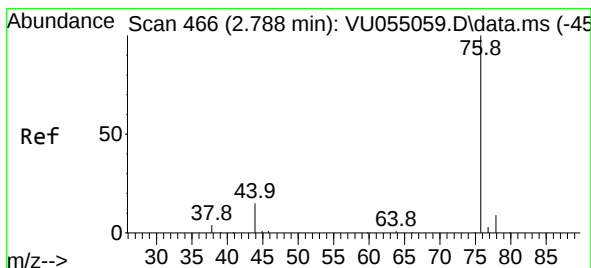
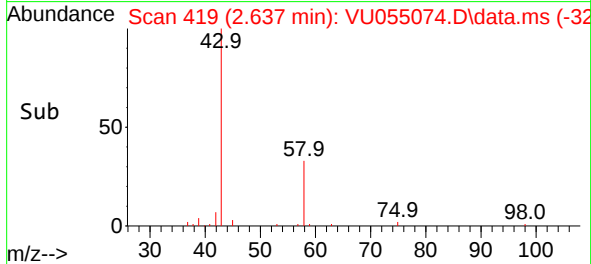
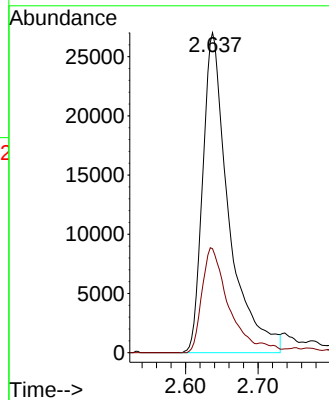
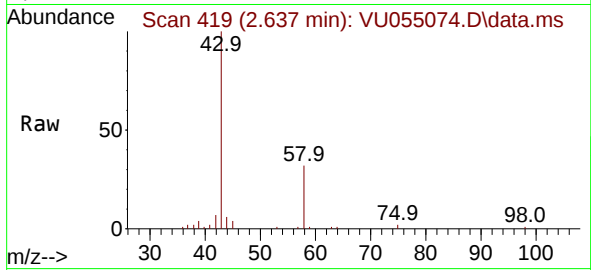
58 32.5 0.0 67.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/05/2023



#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.795 min Scan# 468

Delta R.T. 0.006 min

Lab File: VU055074.D

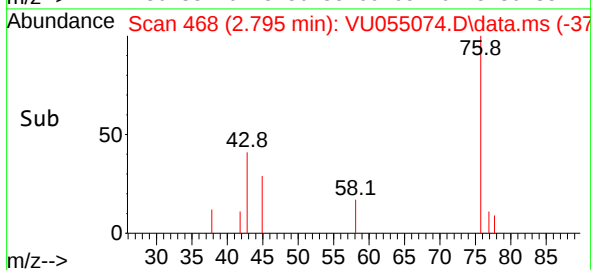
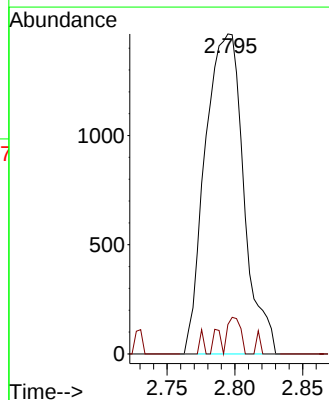
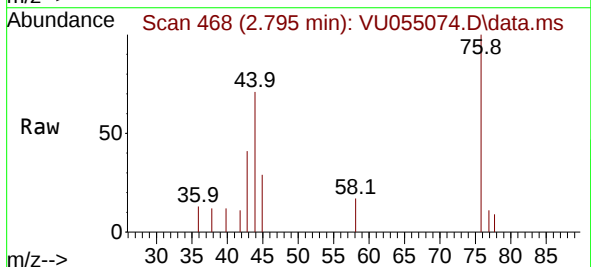
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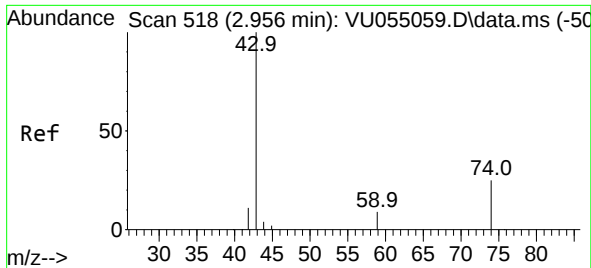
Tgt Ion: 76 Resp: 2897

Ion Ratio Lower Upper

76 100

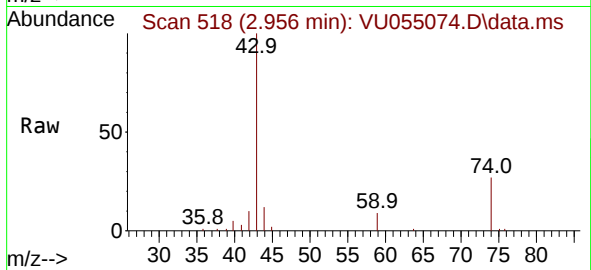
78 9.2 6.8 10.2





#15
Methyl Acetate
Concen: 5.813 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

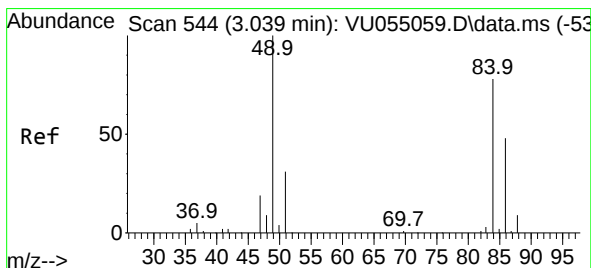
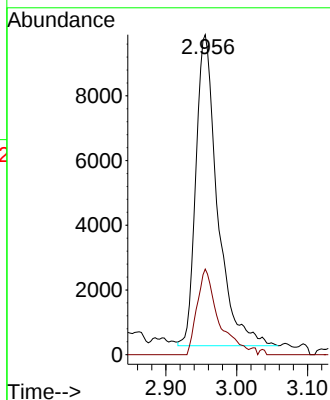
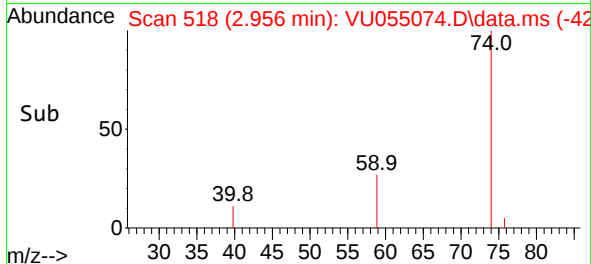
Instrument :
MSVOA_U
ClientSampleId :
BH4E8



Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
74 27.0 18.4 27.6

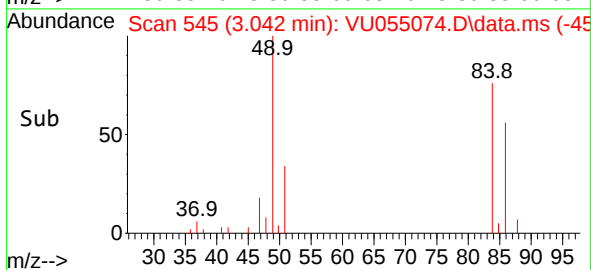
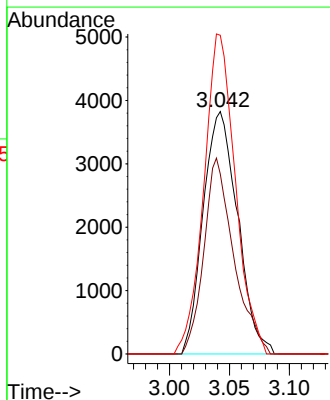
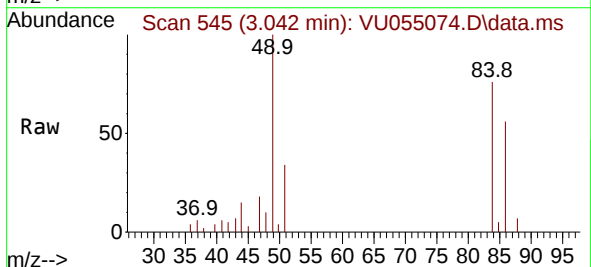
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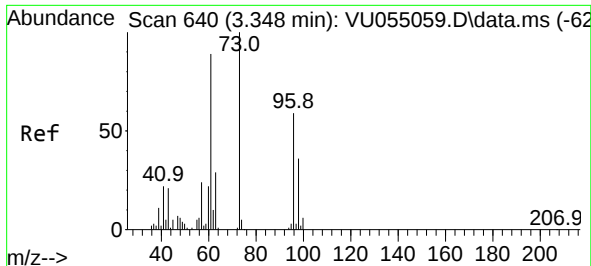
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023



#16
Methylene chloride
Concen: 0.575 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

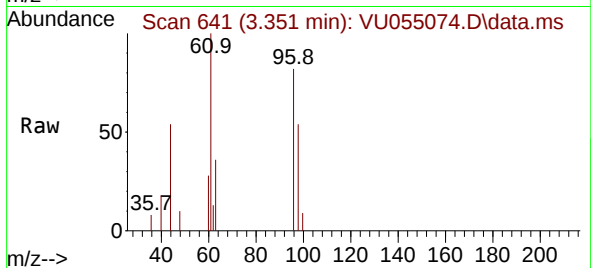
Tgt Ion: 84 Resp: 7643
Ion Ratio Lower Upper
84 100
86 74.3 43.4 80.6
49 136.8 87.7 162.9





#18
trans-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

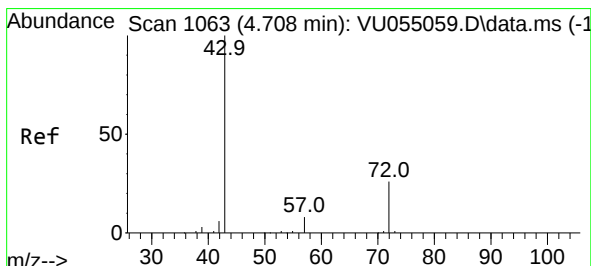
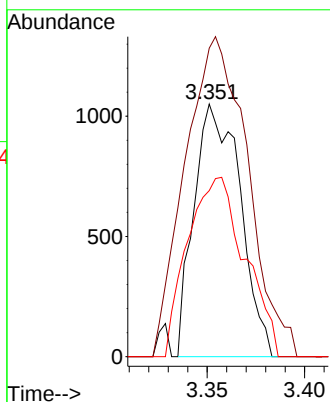
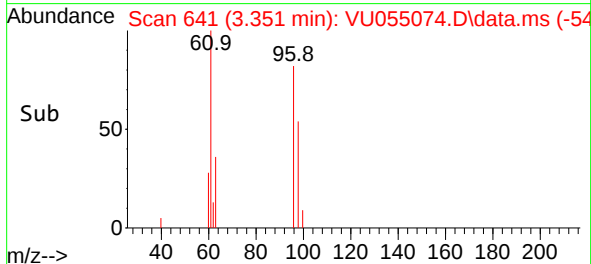
Instrument :
MSVOA_U
ClientSampleId :
BH4E8



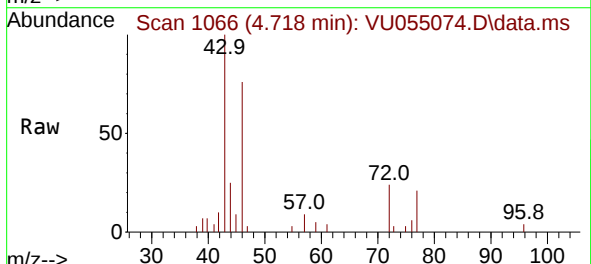
Tgt Ion: 96 Resp: 1729
Ion Ratio Lower Upper
96 100
61 122.1 108.1 200.9
98 65.7 45.4 84.4

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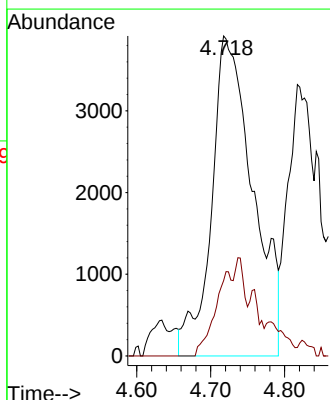
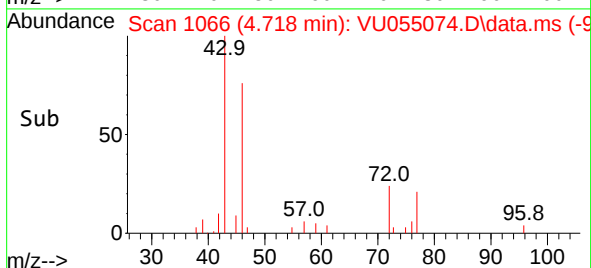
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023

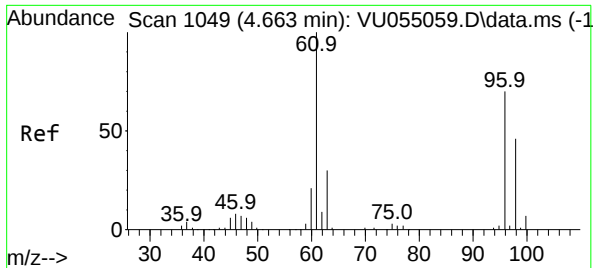


#21
2-Butanone
Concen: 6.057 ug/L m
RT: 4.718 min Scan# 1066
Delta R.T. 0.010 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09



Tgt Ion: 43 Resp: 15261
Ion Ratio Lower Upper
43 100
72 11.6 13.5 40.5#





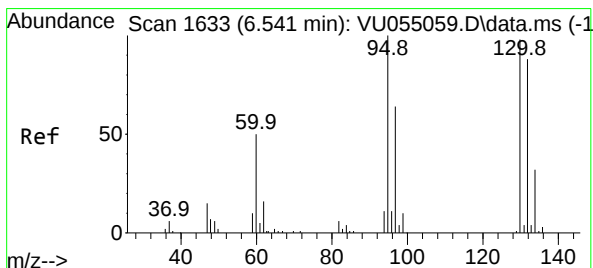
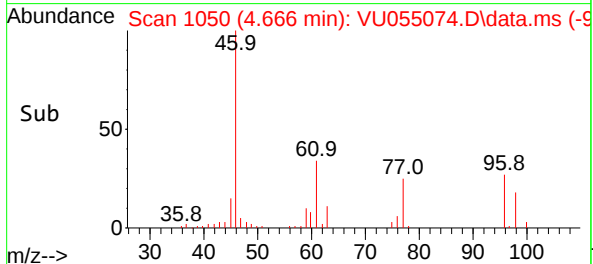
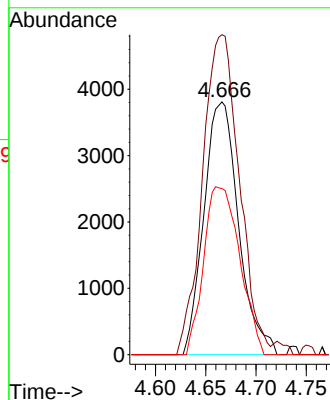
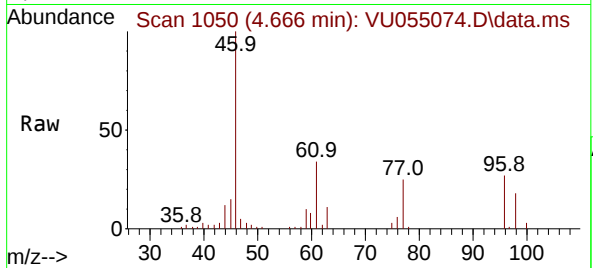
#22
cis-1,2-Dichloroethene
Concen: 0.845 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

Instrument :
MSVOA_U
ClientSampleId :
BH4E8

Tgt Ion: 96 Resp: 9130
Ion Ratio Lower Upper
96 100
61 122.8 97.2 180.4
98 63.7 46.1 85.7

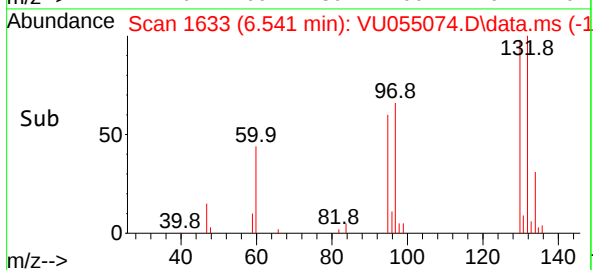
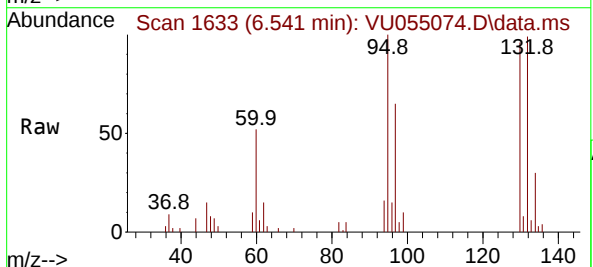
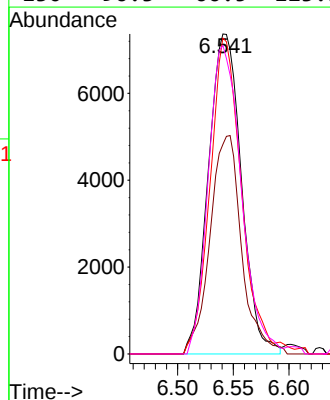
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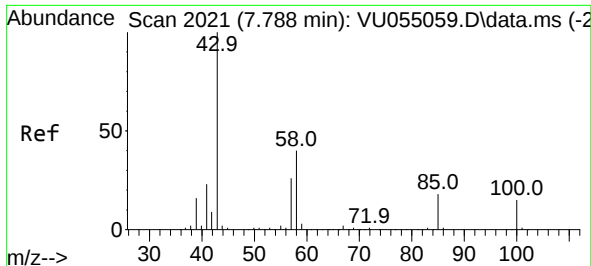
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023



#34
Trichloroethene
Concen: 1.335 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

Tgt Ion: 95 Resp: 15174
Ion Ratio Lower Upper
95 100
97 65.5 44.7 83.1
132 98.7 66.6 123.6
130 96.3 66.5 123.5





#40

4-Methyl-2-pentanone

Concen: 1.594 ug/L

RT: 7.795 min Scan# 2021

Delta R.T. 0.006 min

Lab File: VU055074.D

Acq: 02 Sep 2023 05:09

Instrument :

MSVOA_U

ClientSampleId :

BH4E8

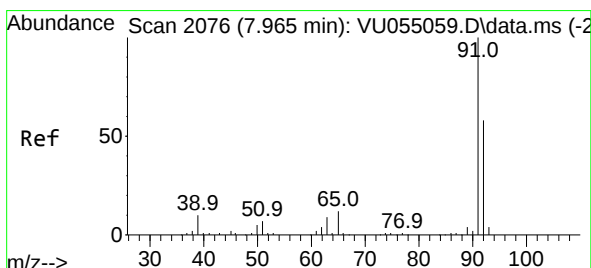
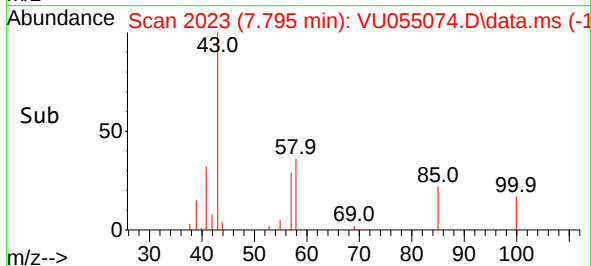
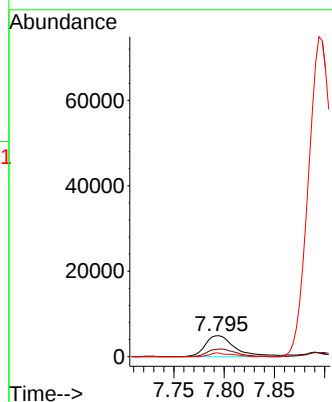
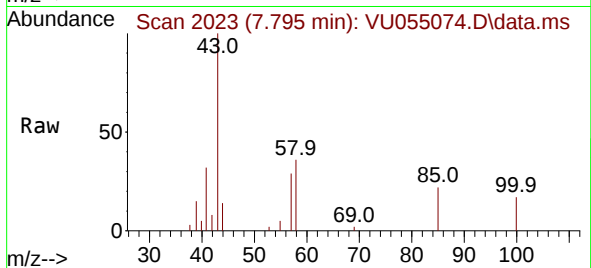
Tgt Ion: 43 Resp: 1012

Ion	Ratio	Lower	Upper
43	100		
58	35.5	31.5	47.3
100	0.0	11.8	17.8

Manual Integrations

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Supervised By :Mahesh Dadoda 09/05/2023



#42

Toluene

Concen: 1.047 ug/L

RT: 7.968 min Scan# 2077

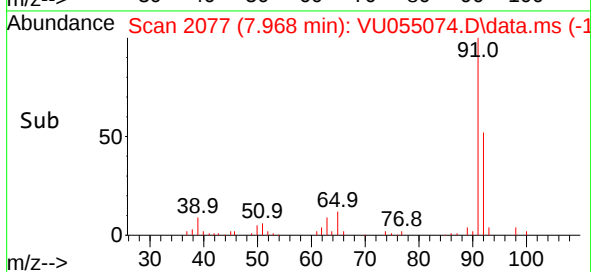
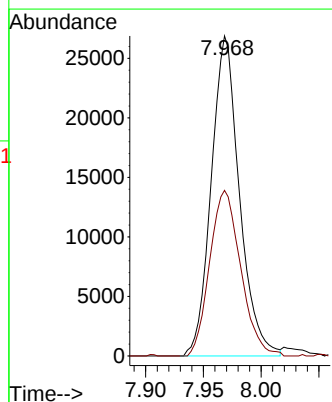
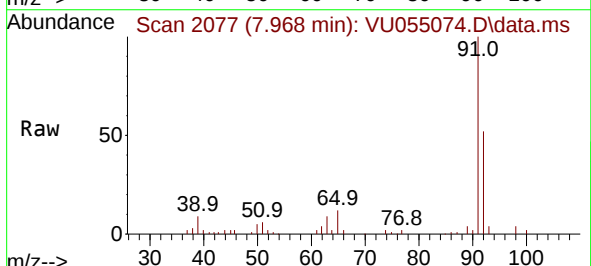
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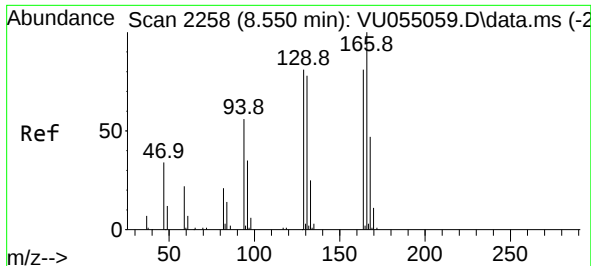
Lab File: VU055074.D

Acq: 02 Sep 2023 05:09

Tgt Ion: 91 Resp: 45638

Ion	Ratio	Lower	Upper
91	100		
92	51.7	41.9	77.9





#47

Tetrachloroethene

Concen: 0.161 ug/L

RT: 8.553 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU055074.D

Acq: 02 Sep 2023 05:09

Instrument :

MSVOA_U

ClientSampleId :

BH4E8

Tgt Ion:164 Resp: 126

Ion Ratio Lower Upper

164 100

129 97.6 69.2 128.6

131 76.0 68.8 127.8

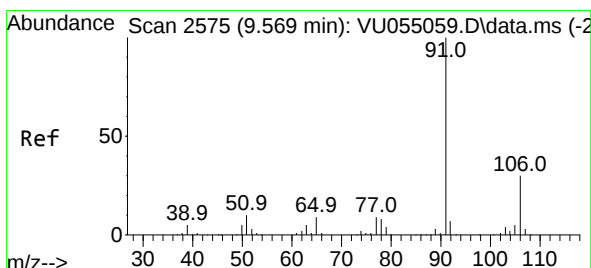
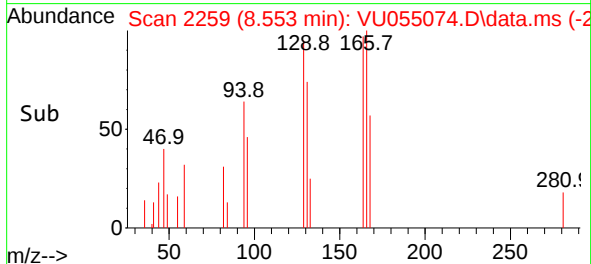
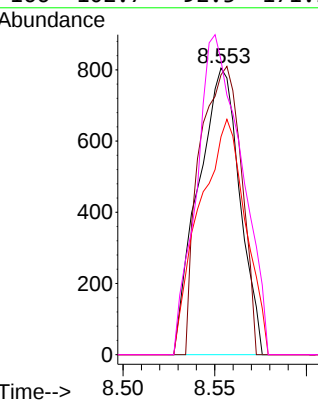
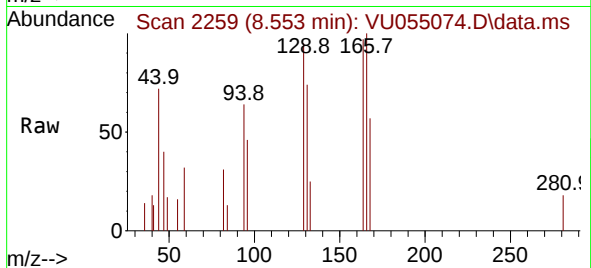
166 102.7 92.3 171.5

Manual Integrations

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Supervised By :Mahesh Dadoda 09/05/2023



#52

Ethylbenzene

Concen: 0.214 ug/L

RT: 9.569 min Scan# 2575

Delta R.T. -0.000 min

Lab File: VU055074.D

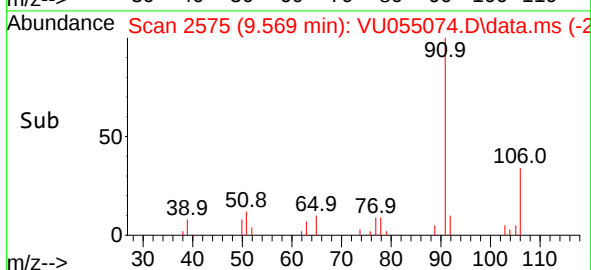
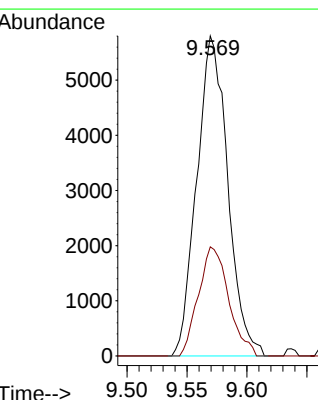
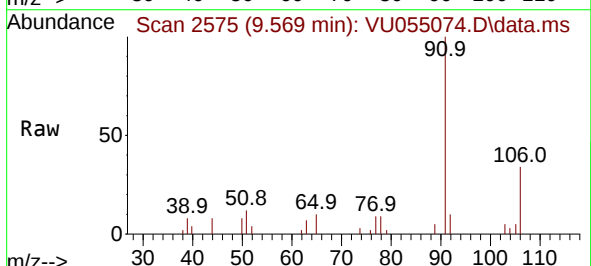
Acq: 02 Sep 2023 05:09

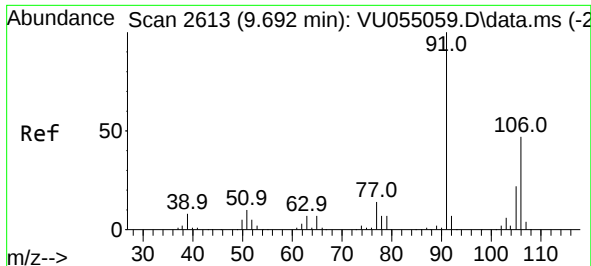
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Ion Ratio Lower Upper

91 100

106 34.1 21.5 39.9





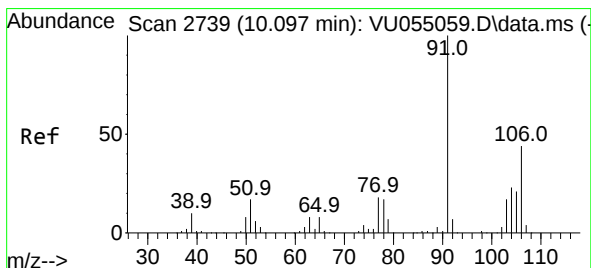
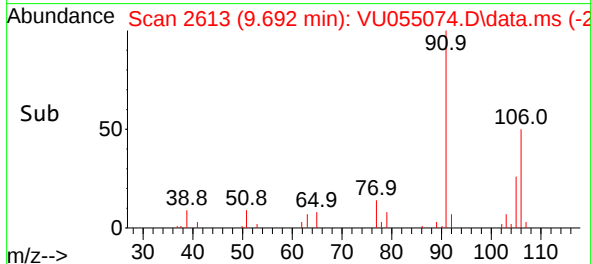
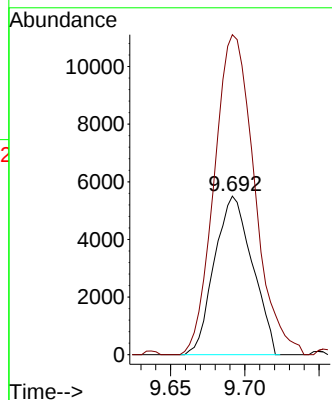
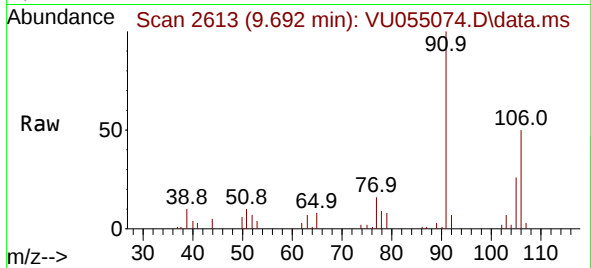
#53
m,p-Xylene
Concen: 0.542 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

Instrument :
MSVOA_U
ClientSampleId :
BH4E8

Tgt Ion:106 Resp: 977
Ion Ratio Lower Upper
106 100
91 201.7 148.3 275.5

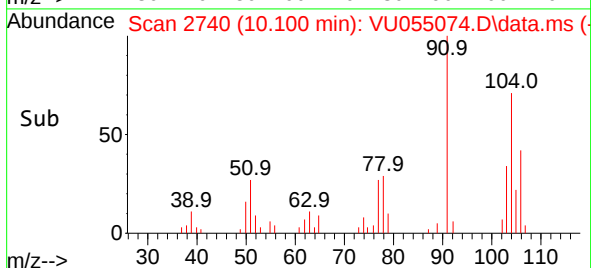
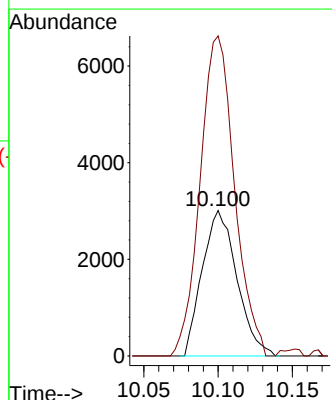
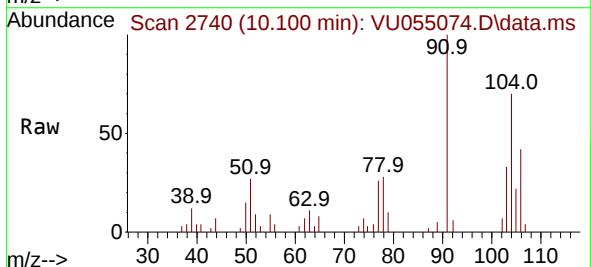
Manual Integrations
APPROVED

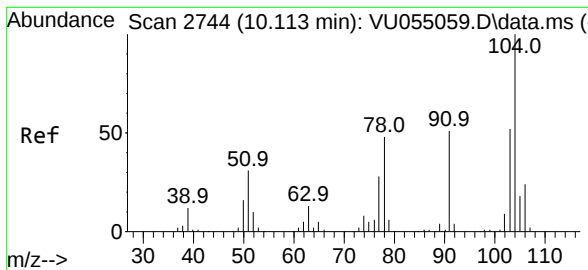
Reviewed By :Semsettin Yesilyurt 09/04/2023
Supervised By :Mahesh Dadoda 09/05/2023



#54
o-Xylene
Concen: 0.276 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU055074.D
Acq: 02 Sep 2023 05:09

Tgt Ion:106 Resp: 4894
Ion Ratio Lower Upper
106 100
91 220.1 152.9 284.1





#55
 Styrene
 Concen: 0.799 ug/L
 RT: 10.116 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU055074.D
 Acq: 02 Sep 2023 05:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E8

Tgt Ion:104 Resp: 2342
 Ion Ratio Lower Upper
 104 100
 78 47.3 32.8 61.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/04/2023
 Supervised By :Mahesh Dadoda 09/05/2023

