

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030710.D
 Acq On : 20 Apr 2023 12:36
 Operator : SY/MD
 Sample : 02411-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR3

Manual Integrations
 APPROVED

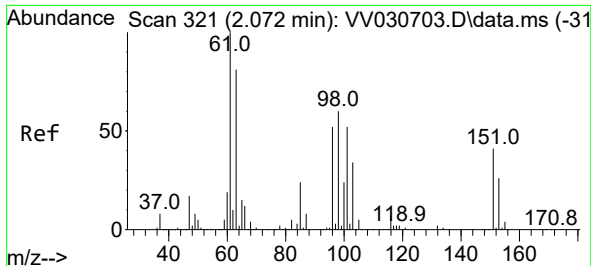
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 00:17:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	165184	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	162874	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80211	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	77555	64.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 128.100%			
7) Chloroethane-d5	1.536	69	64089	63.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 126.320%			
11) 1,1-Dichloroethene-d2	2.066	65	36221	63.074	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 126.140%#			
21) 2-Butanone-d5	3.799	46	85683	128.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 128.820%			
24) Chloroform-d	4.259	84	135632	61.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.620%			
26) 1,2-Dichloroethane-d4	4.954	65	94876	67.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 134.500%#			
32) Benzene-d6	4.970	84	253138	65.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.480%#			
36) 1,2-Dichloropropane-d6	5.995	67	75703	63.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 126.580%#			
41) Toluene-d8	7.252	98	222837	61.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.260%#			
43) trans-1,3-Dichloroprop...	7.561	79	38199	63.360	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 126.720%#			
47) 2-Hexanone-d5	8.034	63	56165	119.192	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.190%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	105788	60.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 121.900%#			
66) 1,2-Dichlorobenzene-d4	11.571	152	87549	68.670	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.340%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	1610	1.392	ug/L #	1
20) cis-1,2-Dichloroethene	3.831	96	3238m	2.549	ug/L	
30) 1,1,1-Trichloroethane	4.526	97	19295	8.431	ug/L	96
34) Trichloroethene	5.841	95	42356	32.924	ug/L	97
51) Chlorobenzene	8.825	112	2299	0.655	ug/L #	84
65) 1,4-Dichlorobenzene	11.220	146	2237	0.847	ug/L	87

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



#12

1,1-Dichloroethene

Concen: 1.392 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

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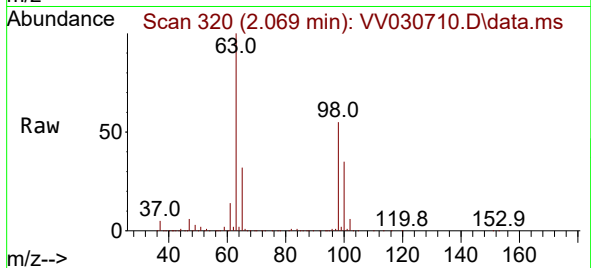
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Tgt Ion: 96 Resp: 1610

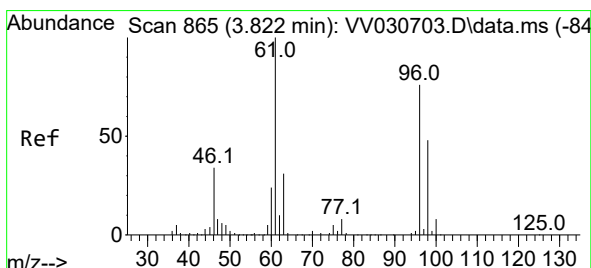
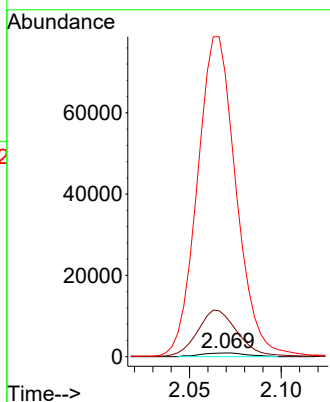
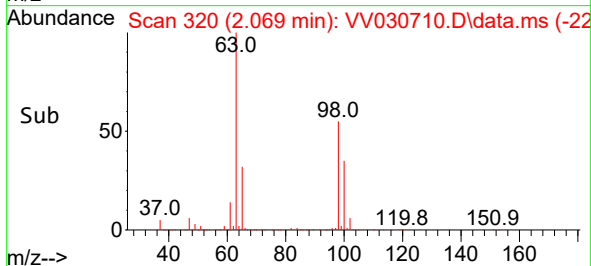
Ion	Ratio	Lower	Upper
96	100		
61	1107.3	131.9	245.0
63	7702.2	99.8	185.3

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 2.549 ug/L m

RT: 3.831 min Scan# 868

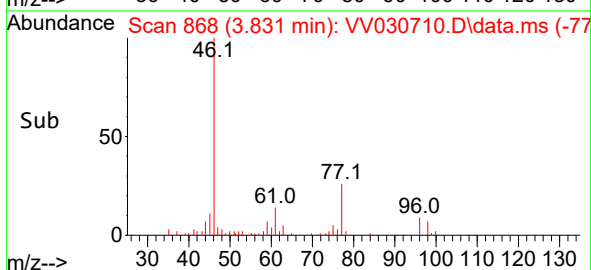
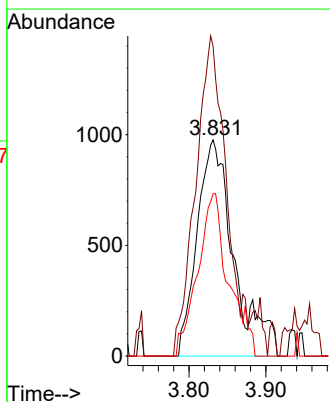
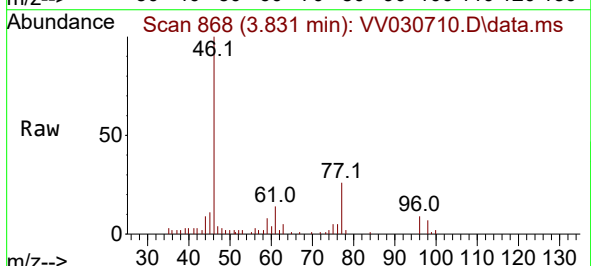
Delta R.T. 0.010 min

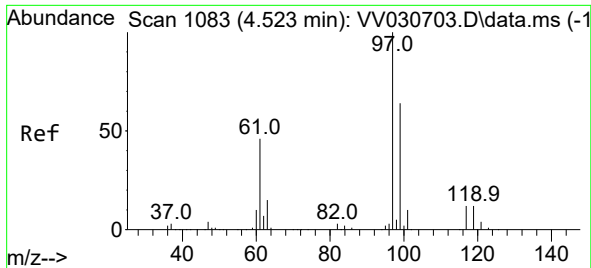
Lab File: VV030710.D

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Tgt Ion: 96 Resp: 3238

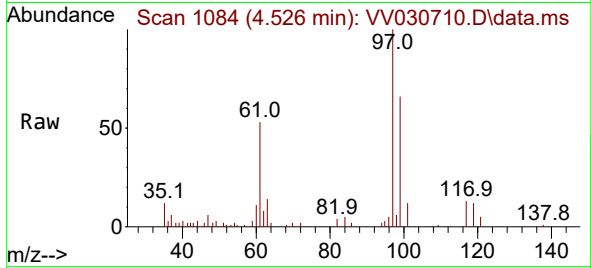
Ion	Ratio	Lower	Upper
96	100		
61	143.4	92.3	171.3
98	75.1	45.9	85.3





#30
1,1,1-Trichloroethane
Concen: 8.431 ug/L
RT: 4.526 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030710.D
Acq: 20 Apr 2023 12:36

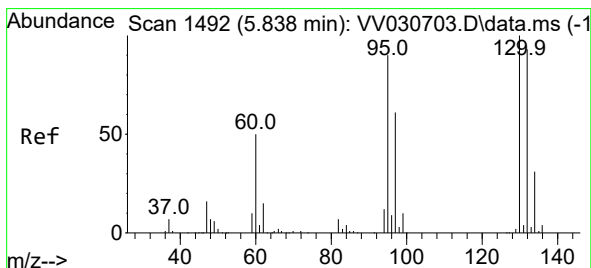
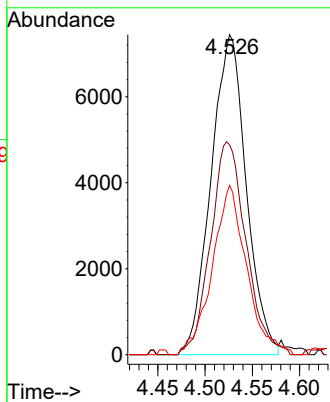
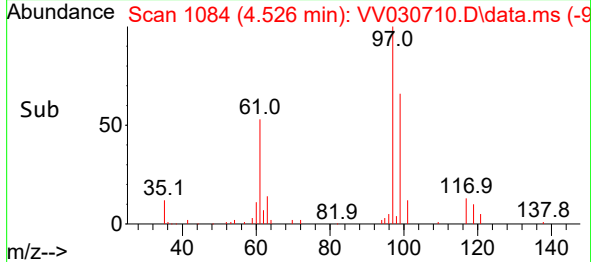
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Tgt Ion: 97 Resp: 1929
Ion Ratio Lower Upper
97 100
99 66.9 51.4 77.0
61 50.2 37.0 55.6

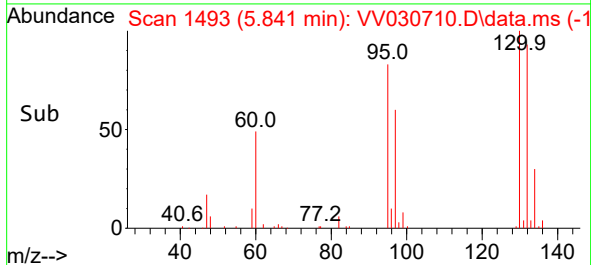
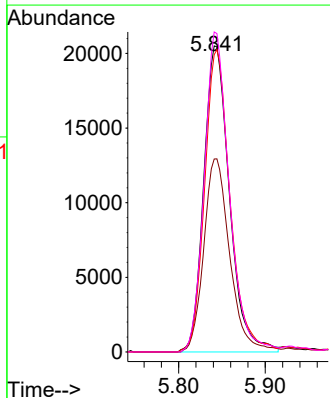
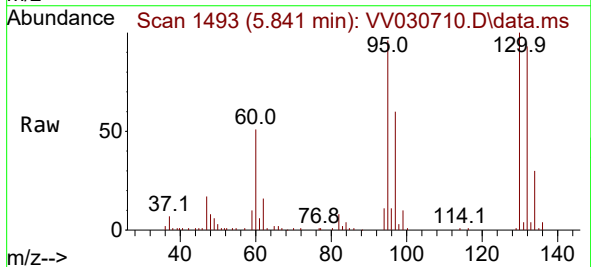
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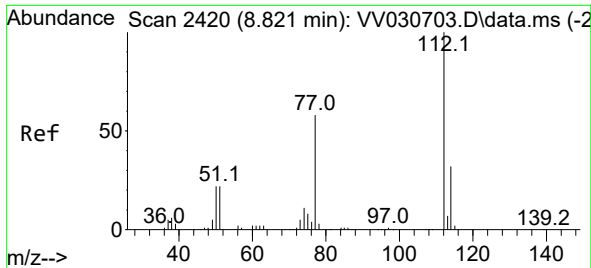
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#34
Trichloroethene
Concen: 32.924 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030710.D
Acq: 20 Apr 2023 12:36

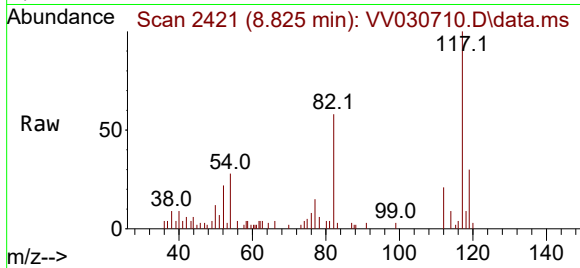
Tgt Ion: 95 Resp: 42356
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.2
132 97.1 70.6 131.2
130 104.5 70.9 131.7





#51
Chlorobenzene
Concen: 0.655 ug/L
RT: 8.825 min Scan# 2420
Delta R.T. 0.003 min
Lab File: VV030710.D
Acq: 20 Apr 2023 12:36

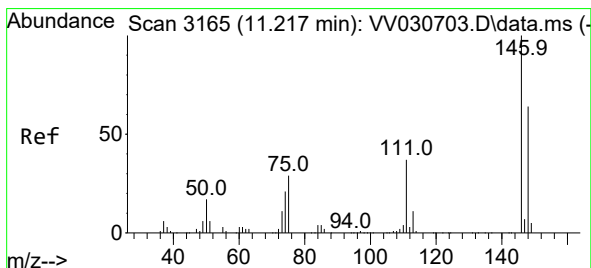
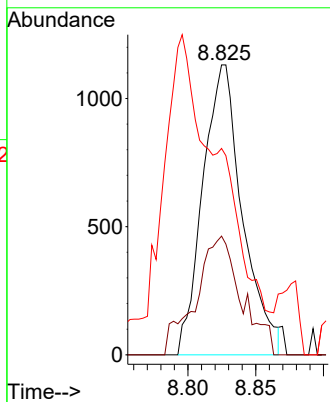
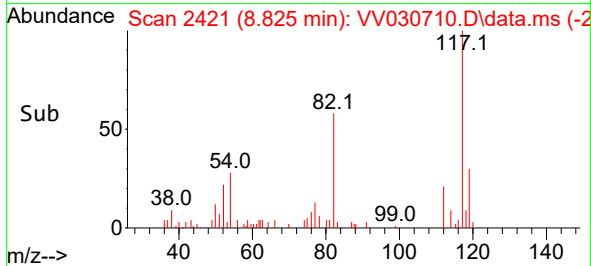
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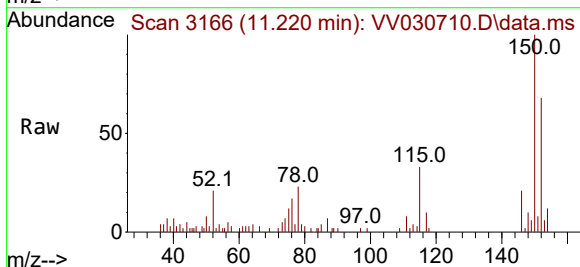
Tgt Ion:112 Resp: 2299
Ion Ratio Lower Upper
112 100
114 40.9 22.4 41.6
77 71.2 47.4 71.0

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#65
1,4-Dichlorobenzene
Concen: 0.847 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030710.D
Acq: 20 Apr 2023 12:36



Tgt Ion:146 Resp: 2237
Ion Ratio Lower Upper
146 100
111 36.3 26.5 49.1
148 48.3 44.7 83.1

