

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056876.D
 Acq On : 15 Dec 2023 13:57
 Operator : MD/SY
 Sample : 05677-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC9DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 15 22:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	219079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95610	5.091	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.800%			
7) Chloroethane-d5	1.907	69	74790	5.322	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.400%			
11) 1,1-Dichloroethene-d2	2.563	65	41874	5.212	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.200%			
20) 2-Butanone-d5	4.621	46	202430	54.585	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.180%			
24) Chloroform-d	5.055	84	194710	5.475	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.600%			
26) 1,2-Dichloroethane-d4	5.695	65	93230	5.540	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.800%			
32) Benzene-d6	5.721	84	369434	5.304	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.000%			
36) 1,2-Dichloropropane-d6	6.685	67	116031	5.323	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.400%			
41) Toluene-d8	7.894	98	296451	4.762	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
43) trans-1,3-Dichloroprop...	8.177	79	40623	4.805	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.631	63	162558	50.982	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.960%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83740	5.309	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	103392	5.587	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.800%			
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	6749	0.379	ug/L #	1
16) Methylene chloride	3.042	84	7588	0.392	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	4562m	0.233	ug/L	
34) Trichloroethene	6.538	95	113497	5.243	ug/L	97
47) Tetrachloroethene	8.547	164	152105	10.040	ug/L	98

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

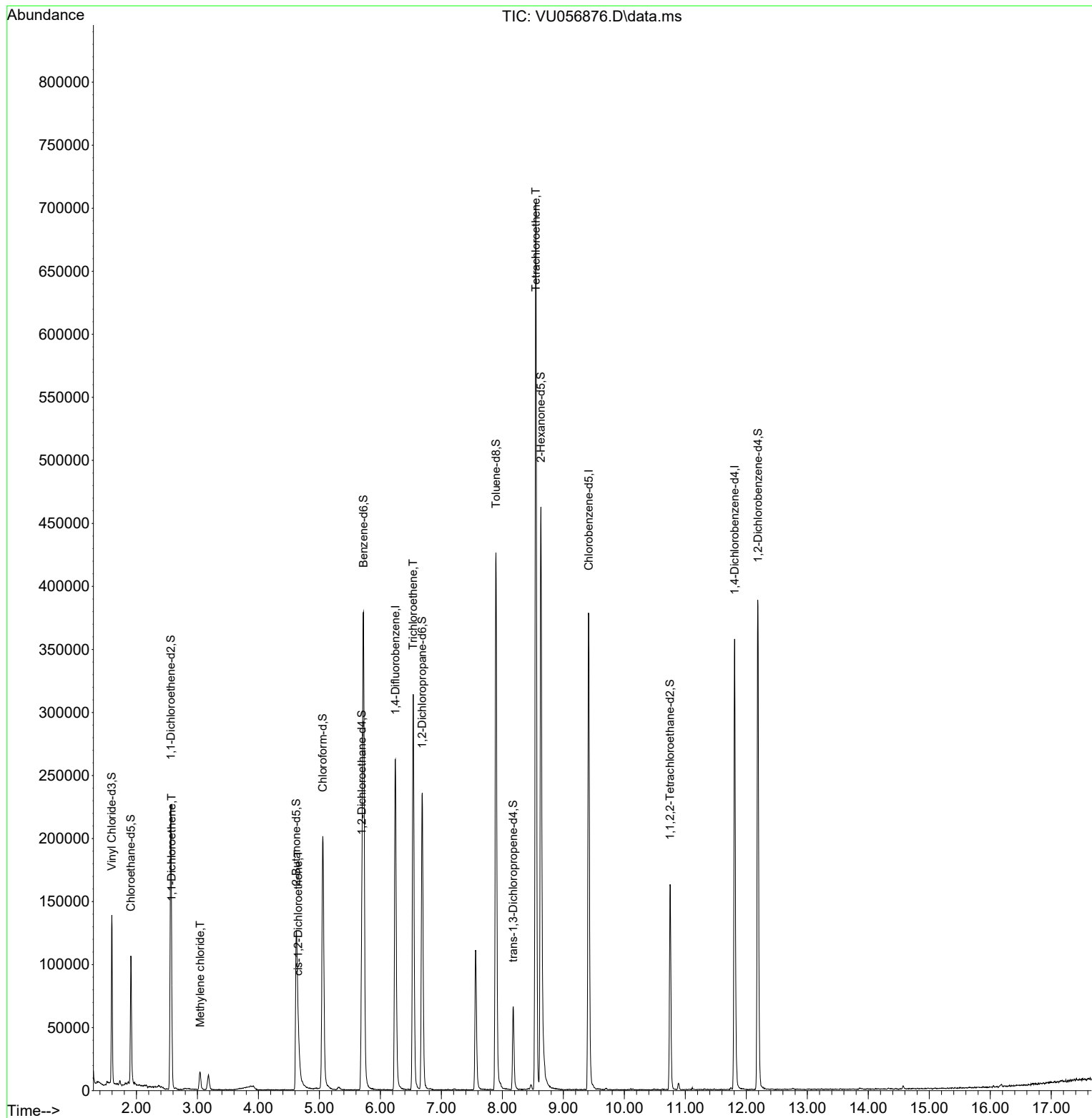
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
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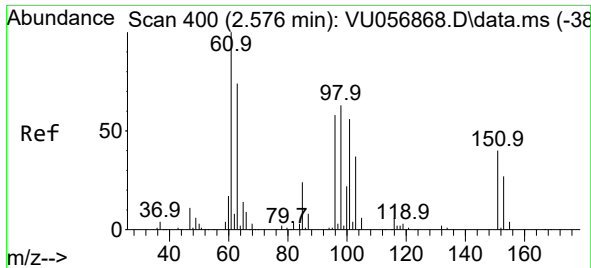
Instrument :
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Quant Time: Dec 15 22:25:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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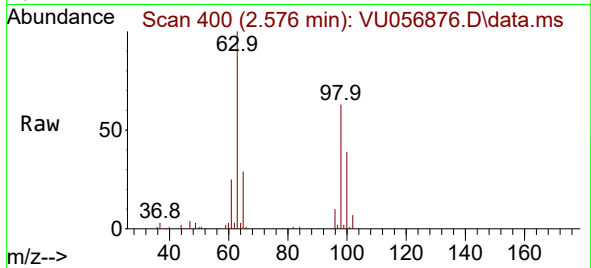
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023





#12
1,1-Dichloroethene
Concen: 0.379 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

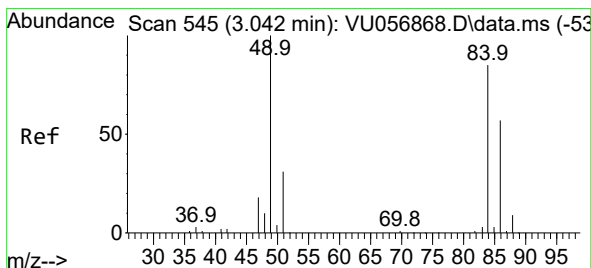
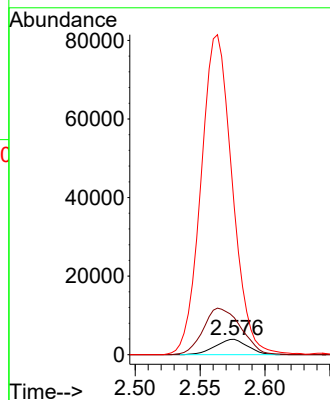
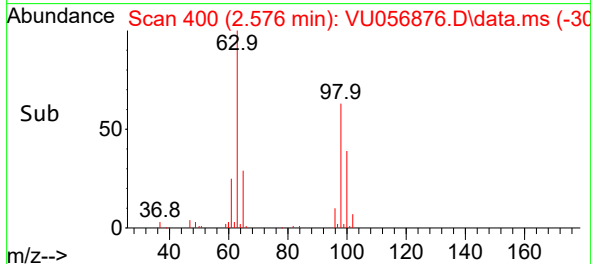
Instrument :
MSVOA_U
ClientSampleId :
H0AC9DL



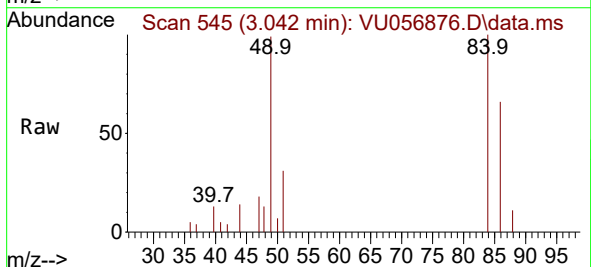
Tgt Ion: 96 Resp: 6749
Ion Ratio Lower Upper
96 100
61 241.8 119.0 221.0
63 961.9 88.7 164.7

Manual Integrations
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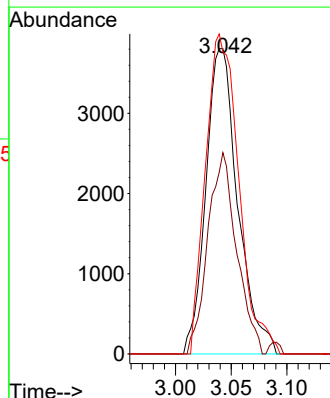
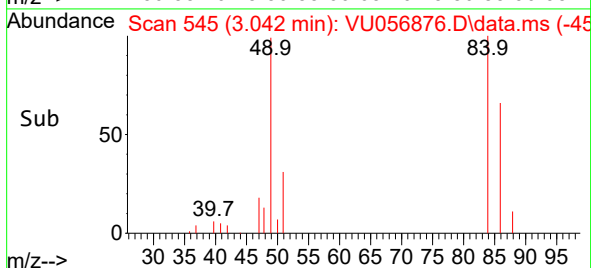
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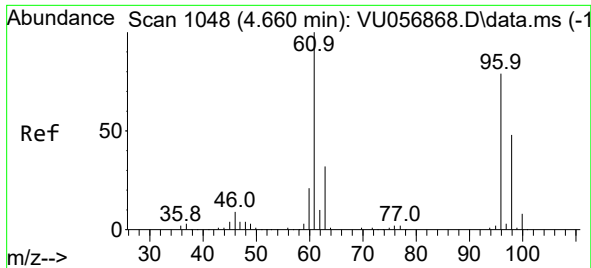


#16
Methylene chloride
Concen: 0.392 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57



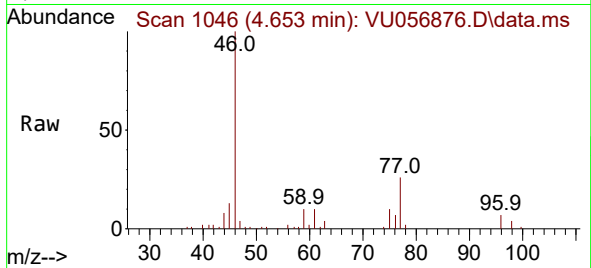
Tgt Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
86 65.9 43.6 81.0
49 98.8 80.6 149.6





#22
cis-1,2-Dichloroethene
Concen: 0.233 ug/L m
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

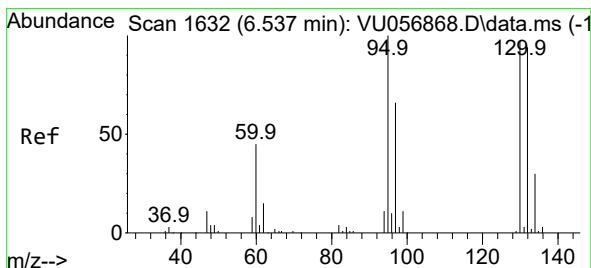
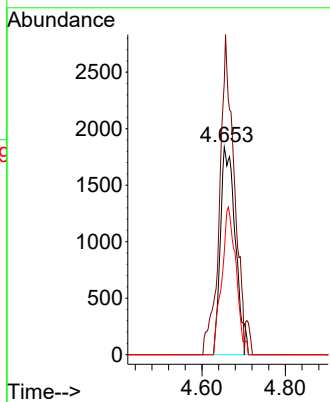
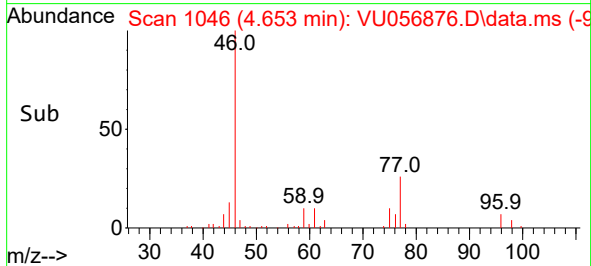
Instrument :
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ClientSampleId :
H0AC9DL



Tgt Ion: 96 Resp: 4562
Ion Ratio Lower Upper
96 100
61 131.2 91.3 169.6
98 49.4 44.2 82.0

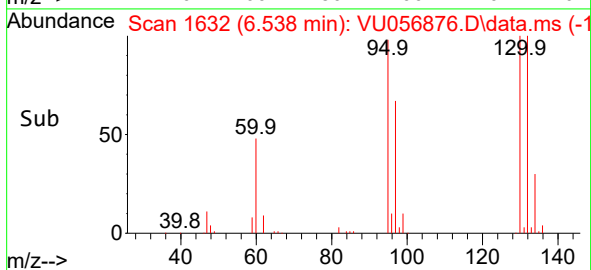
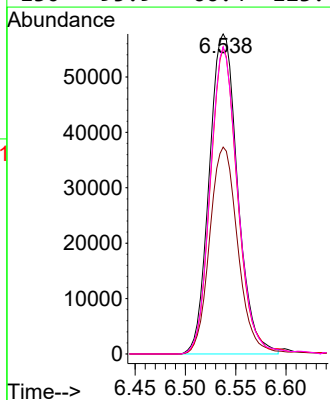
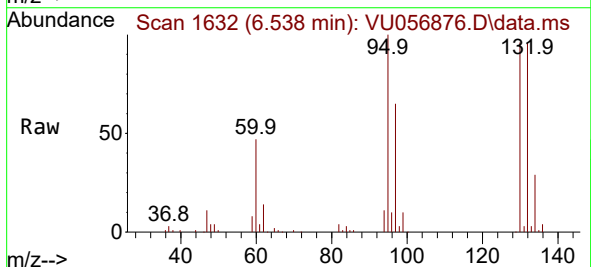
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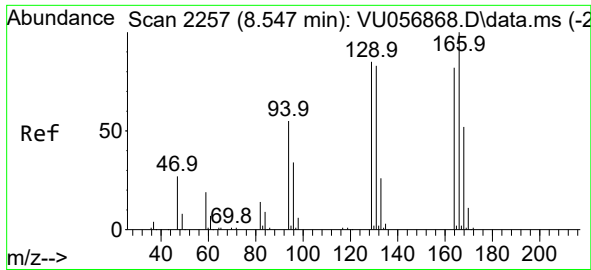
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Supervised By :Semsettin Yesilyurt 12/18/2023



#34
Trichloroethene
Concen: 5.243 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

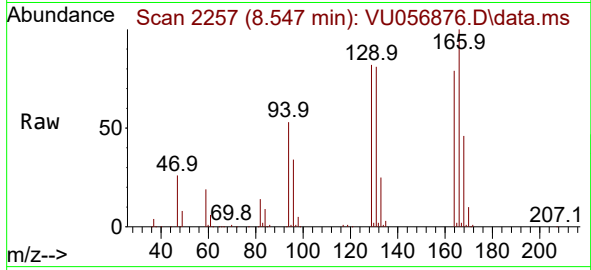
Tgt Ion: 95 Resp: 113497
Ion Ratio Lower Upper
95 100
97 64.7 46.1 85.5
132 95.8 63.6 118.0
130 95.9 66.4 123.4





#47
Tetrachloroethene
Concen: 10.040 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :
H0AC9DL



Tgt Ion:	164	Resp:	15210
Ion	Ratio	Lower	Upper
164	100		
129	104.2	73.4	136.4
131	102.7	71.5	132.9
166	126.4	92.7	172.1

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