

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056809.D
 Acq On : 13 Dec 2023 01:48
 Operator : MD/SY
 Sample : 05675-16DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB9DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 05:00:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239997	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	240156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79106	3.845	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.907	69	67187	4.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35269	4.007	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.200%	
20) 2-Butanone-d5	4.618	46	204407	50.314	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.620%	
24) Chloroform-d	5.055	84	181929	4.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.695	65	90655	4.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.721	84	348084	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.685	67	113138	4.853	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.000%	
41) Toluene-d8	7.894	98	283642	4.260	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40194	4.445	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.627	63	155088	45.479	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.960%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79117	4.690	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	97094	4.842	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	9247	0.475	ug/L	# 1
22) cis-1,2-Dichloroethene	4.656	96	12911m	0.601	ug/L	
34) Trichloroethene	6.537	95	54620	2.359	ug/L	98
47) Tetrachloroethene	8.547	164	86584	5.344	ug/L	99

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

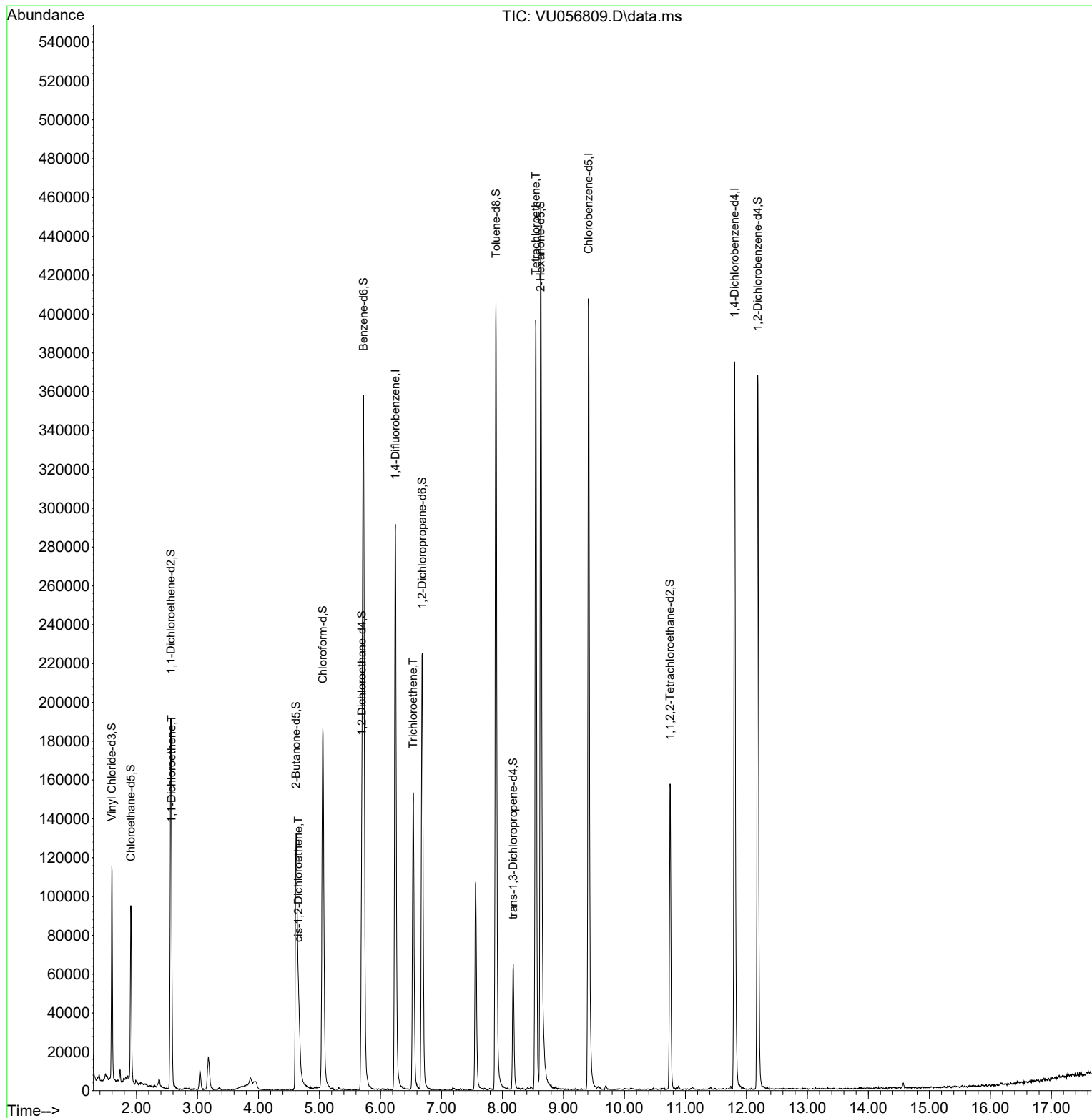
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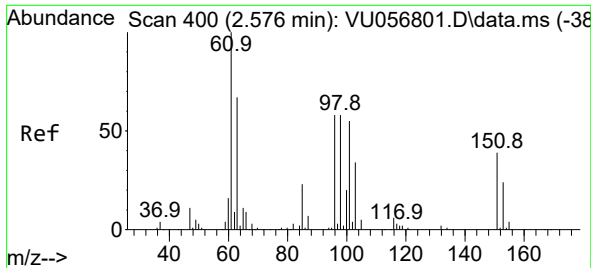
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Quant Time: Dec 13 05:00:17 2023
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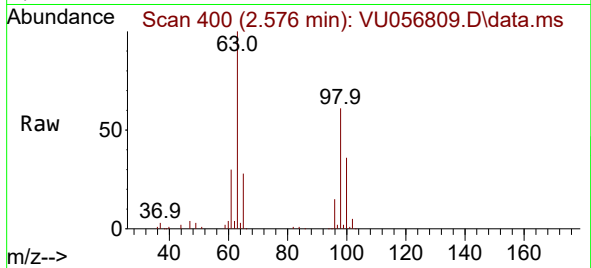
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023





#12
1,1-Dichloroethene
Concen: 0.475 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48

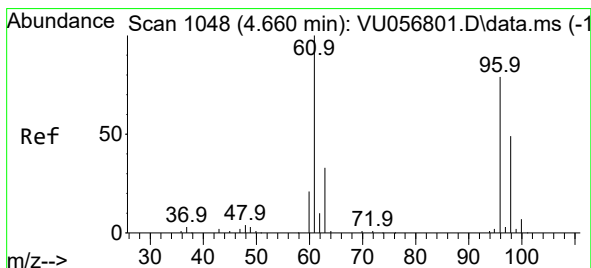
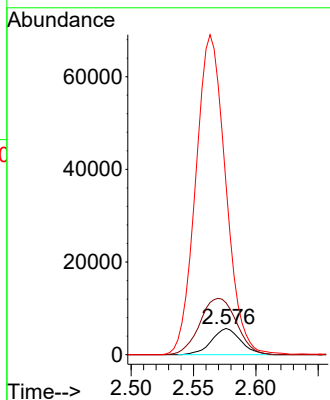
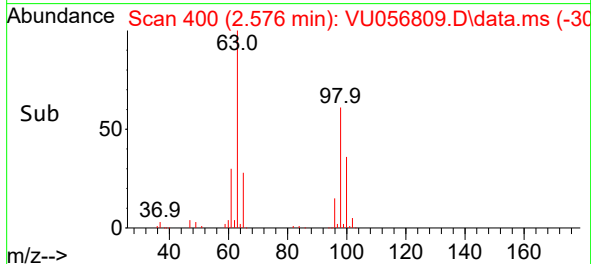
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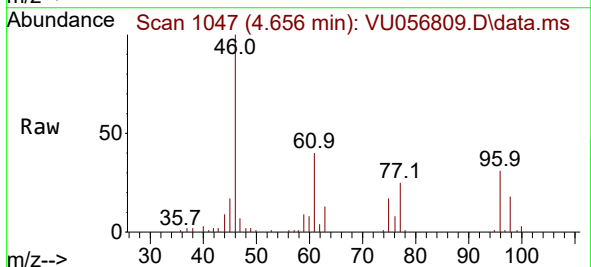
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 197.9 119.0 221.0
63 649.8 88.7 164.7

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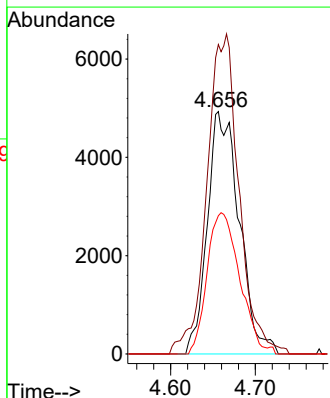
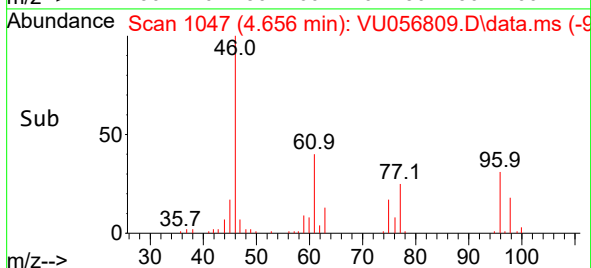
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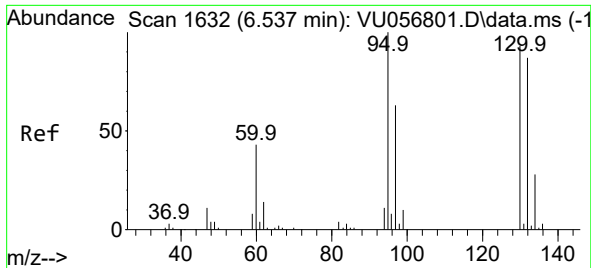


#22
cis-1,2-Dichloroethene
Concen: 0.601 ug/L m
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48



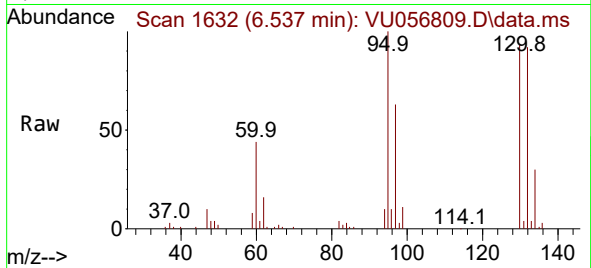
Tgt Ion: 96 Resp: 12911
Ion Ratio Lower Upper
96 100
61 127.6 91.3 169.6
98 57.0 44.2 82.0





#34
Trichloroethene
Concen: 2.359 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056809.D
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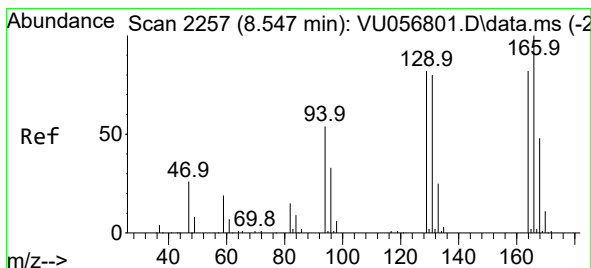
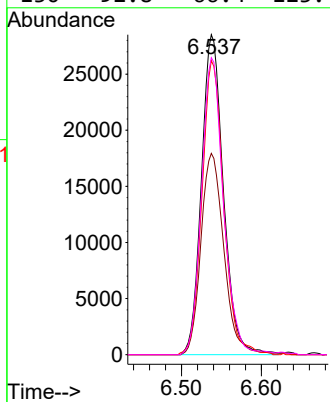
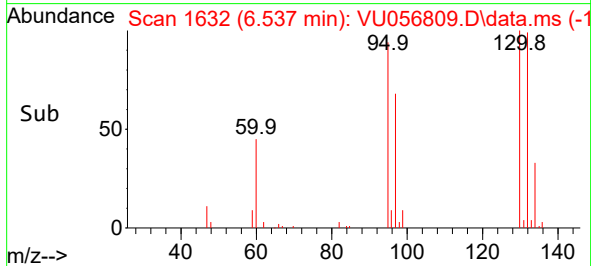
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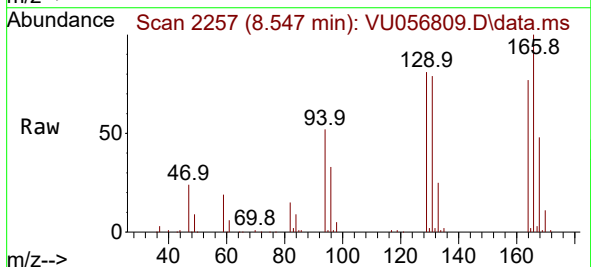
Tgt Ion: 95 Resp: 54620
Ion Ratio Lower Upper
95 100
97 62.9 46.1 85.5
132 91.9 63.6 118.0
130 92.8 66.4 123.4

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#47
Tetrachloroethene
Concen: 5.344 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU056809.D
Acq: 13 Dec 2023 01:48



Tgt Ion:164 Resp: 86584
Ion Ratio Lower Upper
164 100
129 104.9 73.4 136.4
131 102.6 71.5 132.9
166 129.5 92.7 172.1

