

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060184.D
 Acq On : 25 Jul 2024 20:18
 Operator : MD/SY
 Sample : P3335-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E20M8

Quant Time: Jul 26 02:43:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213924	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83214	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70654	51.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.880%			
7) Chloroethane-d5	1.904	69	57072	49.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.800%			
11) 1,1-Dichloroethene-d2	2.560	63	82240	33.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.400%			
21) 2-Butanone-d5	4.621	46	98789	103.492	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.490%			
24) Chloroform-d	5.055	84	114008	42.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.720%			
26) 1,2-Dichloroethane-d4	5.695	65	69881	44.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.380%			
32) Benzene-d6	5.721	84	233689	41.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.960%			
36) 1,2-Dichloropropane-d6	6.682	67	80136	46.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.040%			
41) Toluene-d8	7.894	98	192287	36.325	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.660%#			
43) trans-1,3-Dichloroprop...	8.174	79	30358	37.658	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.320%			
47) 2-Hexanone-d5	8.631	63	55133	75.936	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.940%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	116815	44.177	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.360%			
66) 1,2-Dichlorobenzene-d4	12.187	152	64942	42.470	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.940%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	2704	2.132	ug/L	# 1
16) Methylene chloride	3.036	84	3470	2.169	ug/L	92
20) cis-1,2-Dichloroethene	4.660	96	5893m	3.727	ug/L	
34) Trichloroethene	6.534	95	150982	96.385	ug/L	95

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

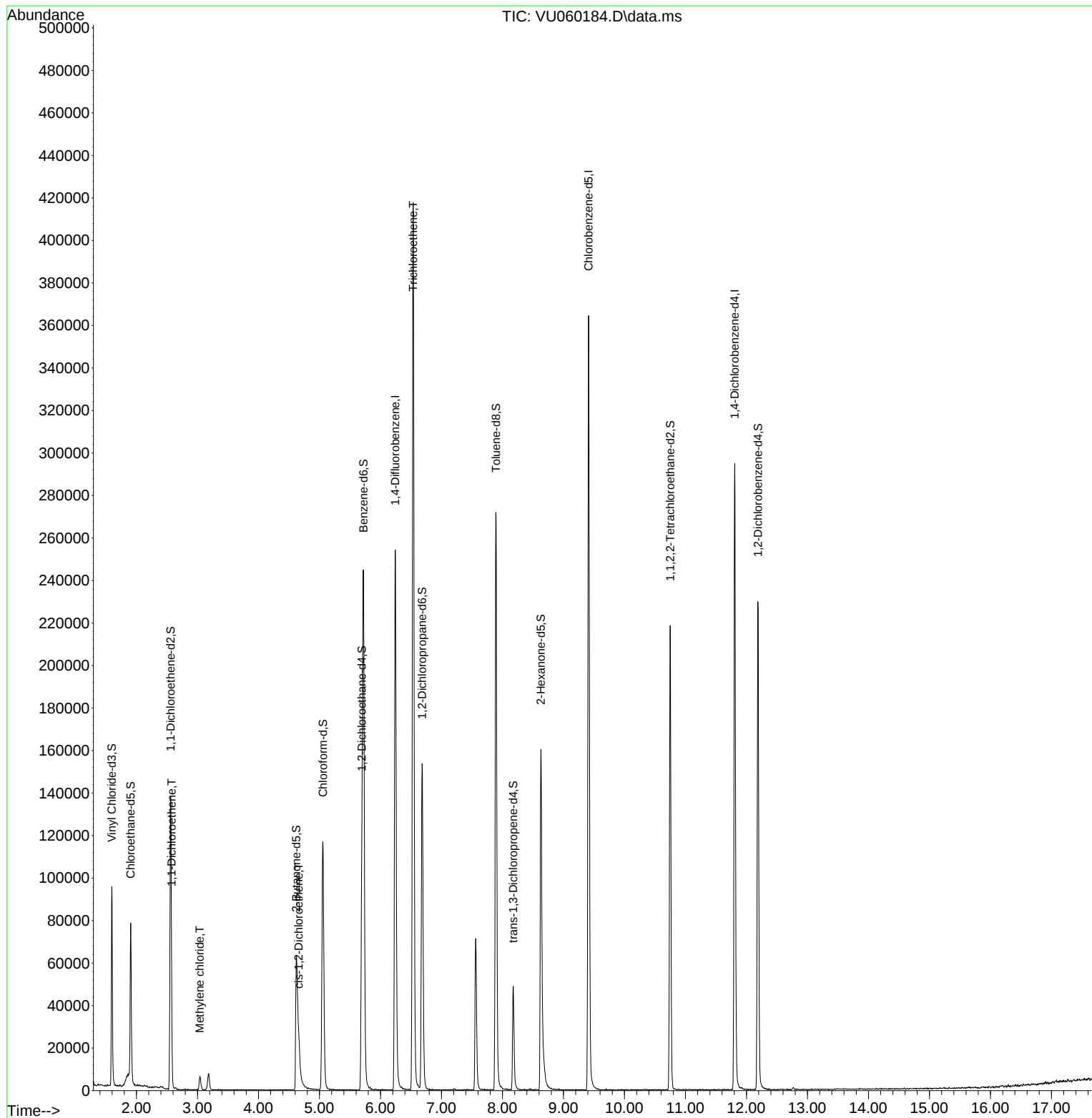
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
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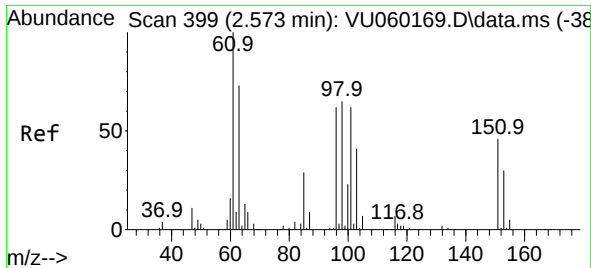
Instrument :
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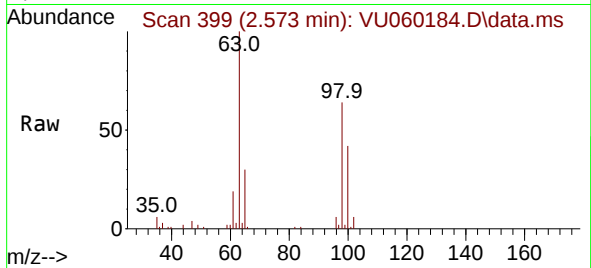
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024





#12
1,1-Dichloroethene
Concen: 2.132 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

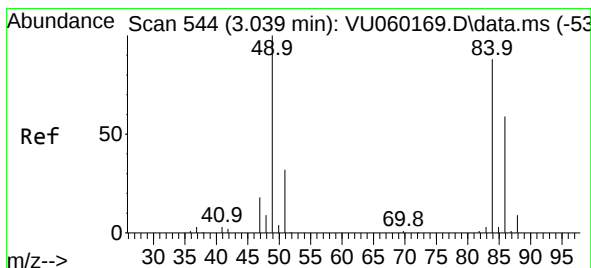
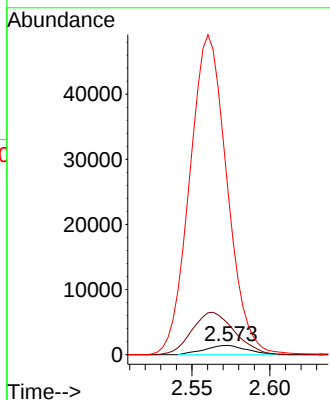
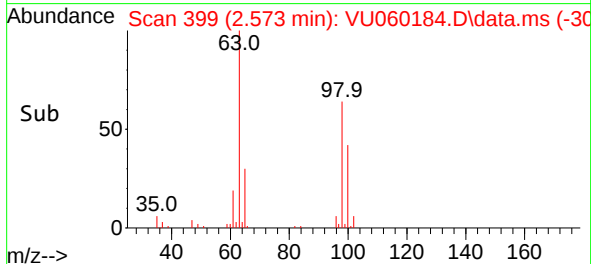
Instrument :
MSVOA_U
ClientSampleId :
E20M8



Tgt Ion: 96 Resp: 2704
Ion Ratio Lower Upper
96 100
61 334.7 112.2 208.4
63 1753.5 87.4 162.2

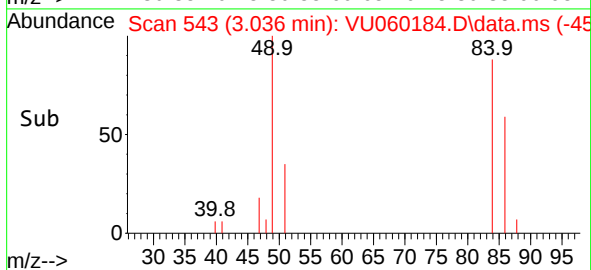
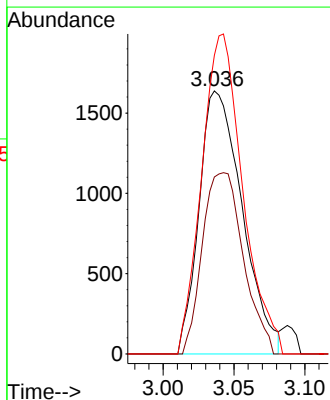
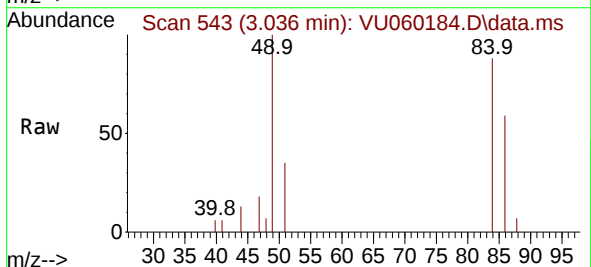
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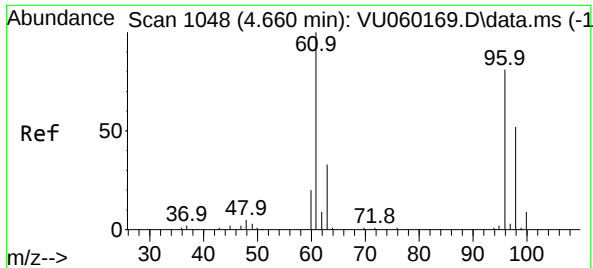
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#16
Methylene chloride
Concen: 2.169 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

Tgt Ion: 84 Resp: 3470
Ion Ratio Lower Upper
84 100
86 67.3 44.7 83.1
49 113.5 71.6 133.0





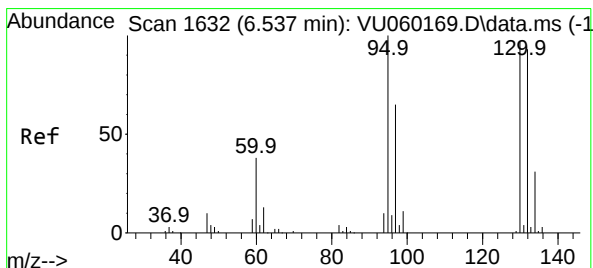
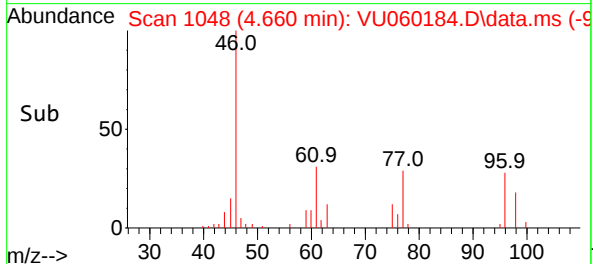
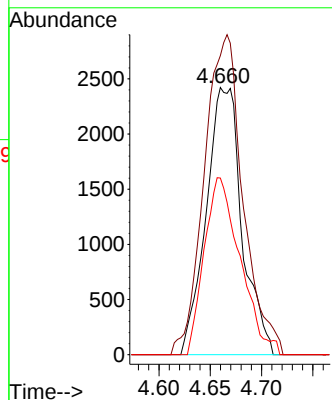
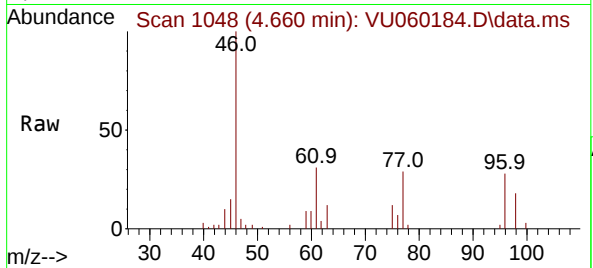
#20
cis-1,2-Dichloroethene
Concen: 3.727 ug/L m
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :
E20M8

Tgt Ion: 96 Resp: 589
Ion Ratio Lower Upper
96 100
61 111.9 83.2 154.4
98 66.1 45.9 85.3

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#34
Trichloroethene
Concen: 96.385 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060184.D
Acq: 25 Jul 2024 20:18

Tgt Ion: 95 Resp: 150982
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 91.7 69.8 129.6
130 95.7 70.8 131.6

