

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055834.D
 Acq On : 20 Oct 2023 15:51
 Operator : MD/SY
 Sample : 04947-10 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:08:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

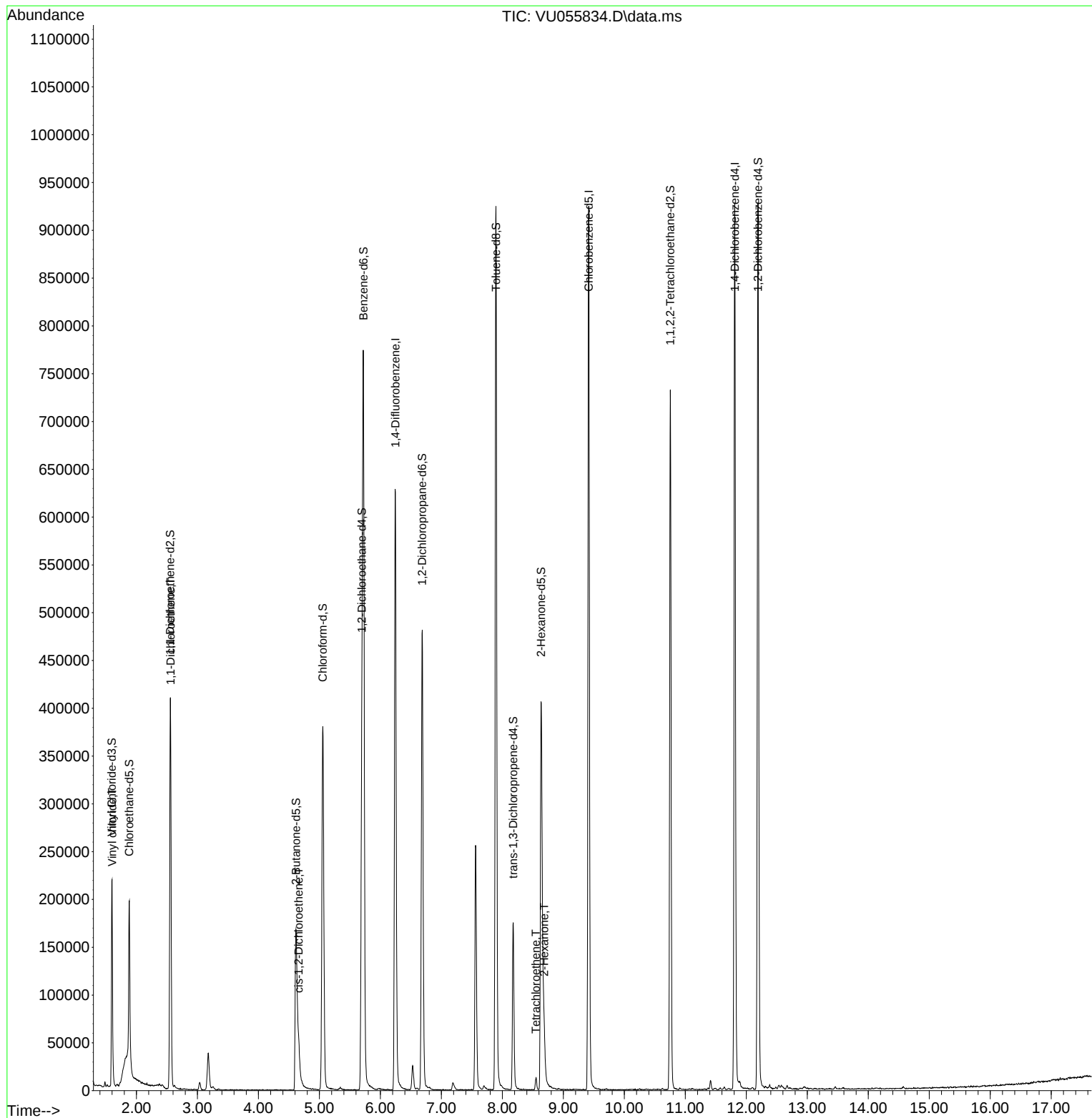
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	505349	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	516182	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	246738	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	165731	36.563	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.120%		
7) Chloroethane-d5	1.882	69	144298	38.945	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.880%		
11) 1,1-Dichloroethene-d2	2.554	63	248504	30.747	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.500%		
21) 2-Butanone-d5	4.615	46	267605	79.675	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.670%		
24) Chloroform-d	5.055	84	365821	42.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.200%		
26) 1,2-Dichloroethane-d4	5.695	65	241206	45.096	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.200%		
32) Benzene-d6	5.721	84	726004	43.959	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.920%		
36) 1,2-Dichloropropane-d6	6.685	67	232103	44.392	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.780%		
41) Toluene-d8	7.894	98	631629	42.354	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.700%		
43) trans-1,3-Dichloroprop...	8.177	79	101771	40.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.040%		
47) 2-Hexanone-d5	8.634	63	140198	68.208	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.210%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	371761	46.194	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.380%		
66) 1,2-Dichlorobenzene-d4	12.190	152	245228	50.084	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.160%		
Target Compounds						
5) Vinyl chloride	1.602	62	5359	1.223	ug/L #	45
12) 1,1-Dichloroethene	2.560	96	2348	0.655	ug/L #	1
20) cis-1,2-Dichloroethene	4.660	96	10310	2.466	ug/L	99
46) Tetrachloroethene	8.550	164	2785	0.871	ug/L	88
48) 2-Hexanone	8.685	43	31180	5.906	ug/L #	84

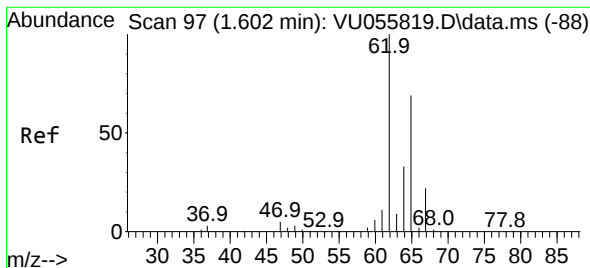
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.223 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

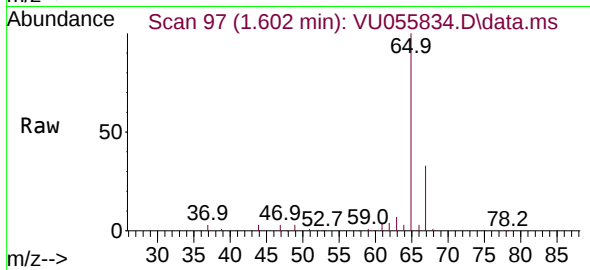
Lab File: VU055834.D

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MSVOA_U

ClientSampleId :

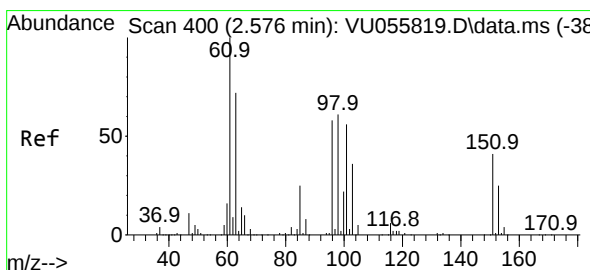
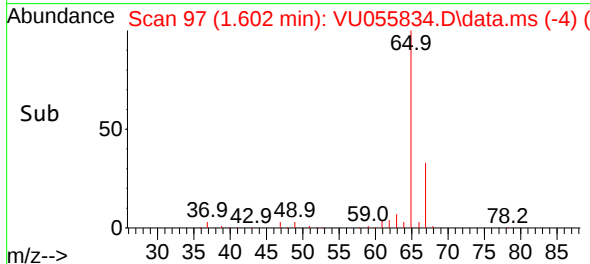
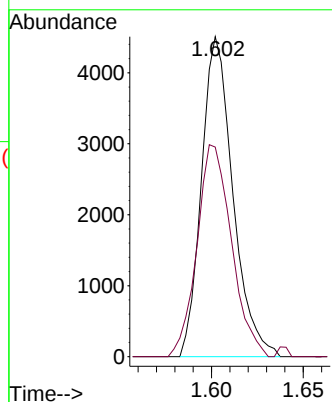


Tgt Ion: 62 Resp: 5359

Ion Ratio Lower Upper

62 100

64 65.5 23.9 44.5#



#12

1,1-Dichloroethene

Concen: 0.655 ug/L

RT: 2.560 min Scan# 395

Delta R.T. -0.016 min

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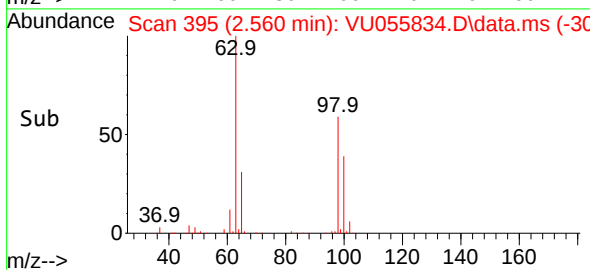
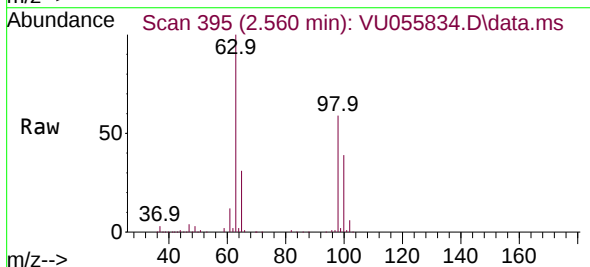
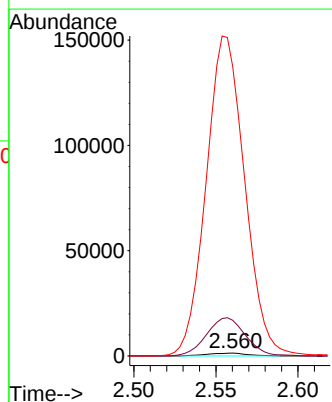
Tgt Ion: 96 Resp: 2348

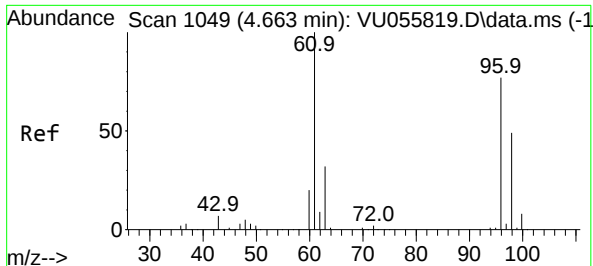
Ion Ratio Lower Upper

96 100

61 1229.3 122.0 226.6#

63 9988.1 93.7 174.1#





#20

cis-1,2-Dichloroethene

Concen: 2.466 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055834.D

Acq: 20 Oct 2023 15:51

Instrument :

MSVOA_U

ClientSampleId :

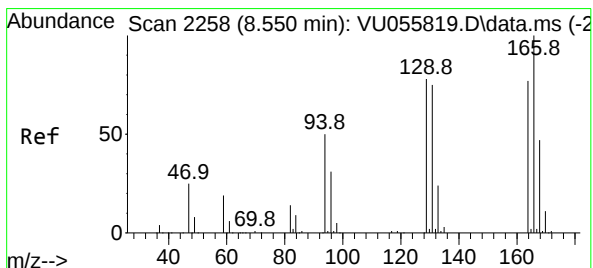
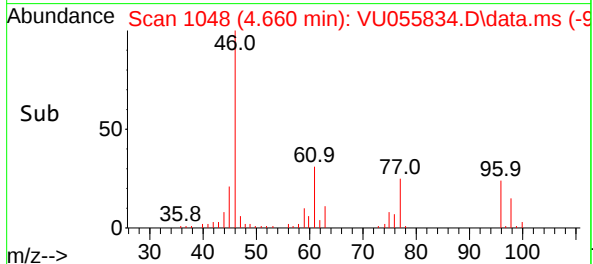
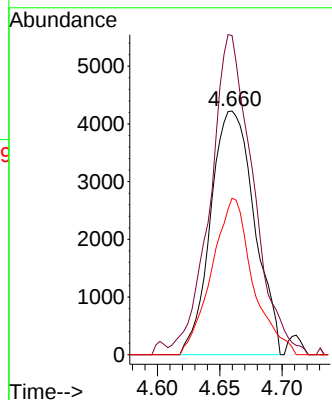
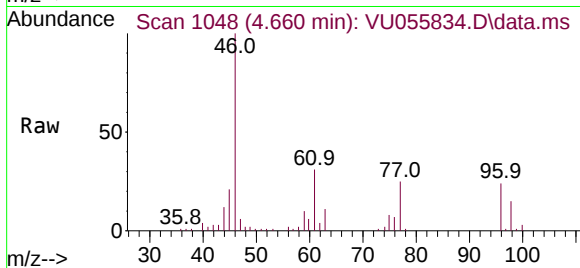
Tgt Ion: 96 Resp: 10310

Ion Ratio Lower Upper

96 100

61 131.0 92.3 171.5

98 64.2 43.9 81.5



#46

Tetrachloroethene

Concen: 0.871 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055834.D

Acq: 20 Oct 2023 15:51

Tgt Ion:164 Resp: 2785

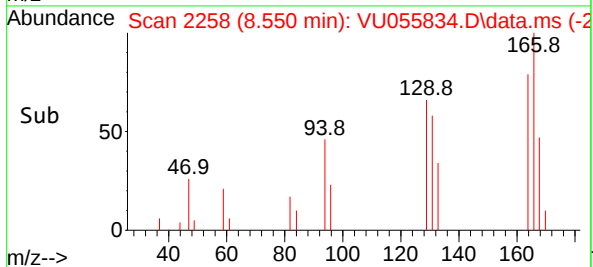
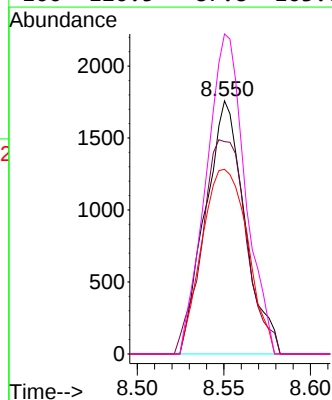
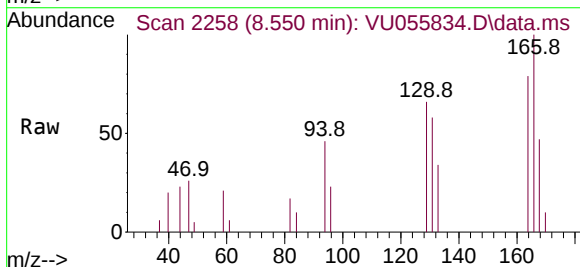
Ion Ratio Lower Upper

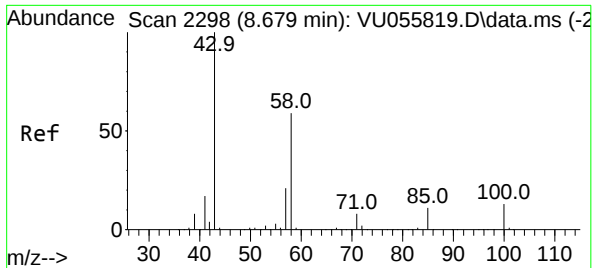
164 100

129 83.9 70.7 131.3

131 73.0 65.9 122.5

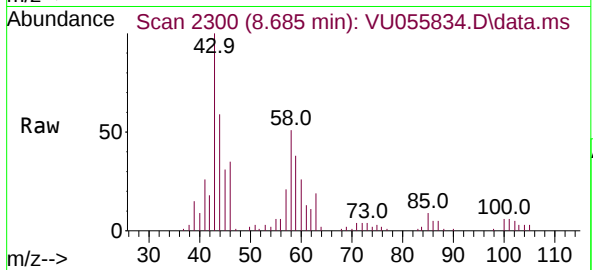
166 126.5 87.8 163.0





#48
 2-Hexanone
 Concen: 5.906 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VU055834.D
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Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 31180
Ion Ratio	Lower Upper
43	100
58	45.4 45.2 67.8
57	11.5 16.1 24.1#
100	5.2 9.7 14.5#

