

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055835.D
 Acq On : 20 Oct 2023 16:15
 Operator : MD/SY
 Sample : 04947-11 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J8

Quant Time: Oct 23 01:08:27 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)

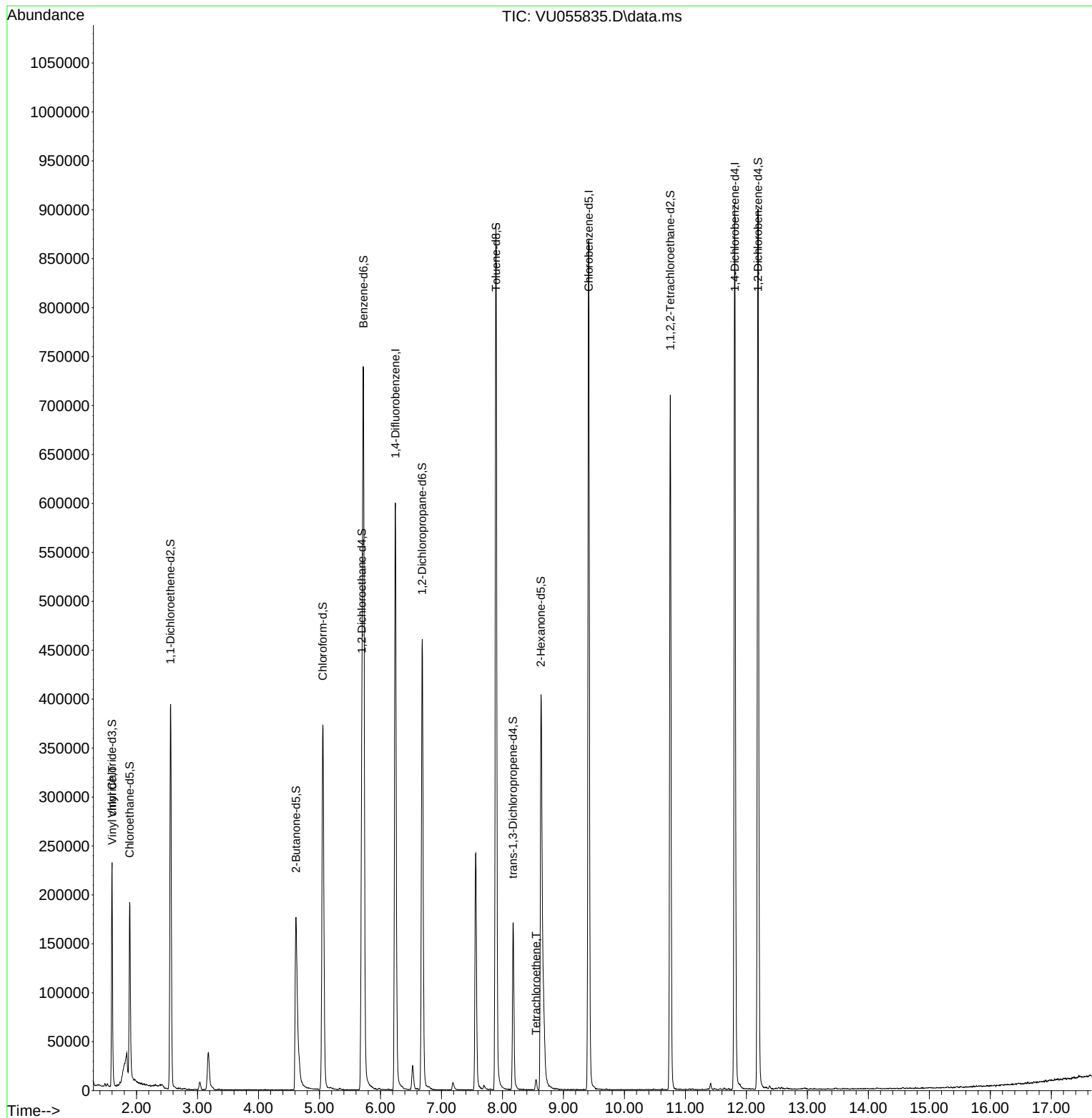
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	483287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	486975	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	240319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	159692	36.839	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.680%		
7) Chloroethane-d5	1.888	69	143815	40.586	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.180%		
11) 1,1-Dichloroethene-d2	2.557	63	236717	30.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.260%		
21) 2-Butanone-d5	4.615	46	266598	82.998	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.000%		
24) Chloroform-d	5.055	84	354811	42.695	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
26) 1,2-Dichloroethane-d4	5.695	65	232245	45.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.800%		
32) Benzene-d6	5.721	84	695383	44.630	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.260%		
36) 1,2-Dichloropropane-d6	6.685	67	223936	45.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	7.894	98	602607	42.832	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.660%		
43) trans-1,3-Dichloroprop...	8.174	79	97321	41.073	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.140%		
47) 2-Hexanone-d5	8.631	63	131964	68.053	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.050%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	359878	47.399	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	236406	49.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.140%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	11269	2.689	ug/L #	74
46) Tetrachloroethene	8.553	164	2508	0.832	ug/L	86

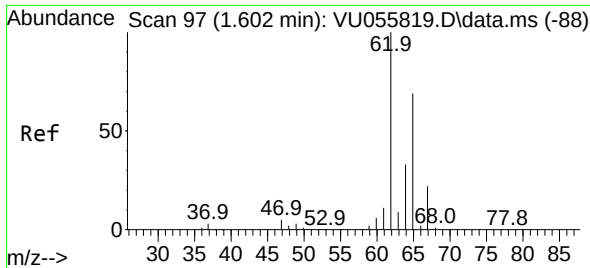
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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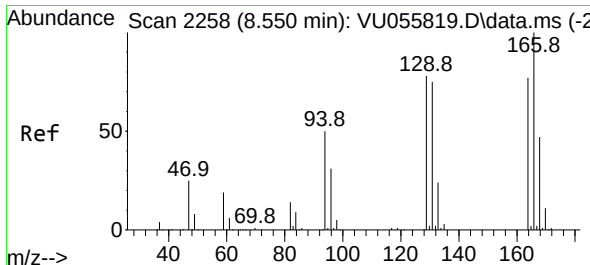
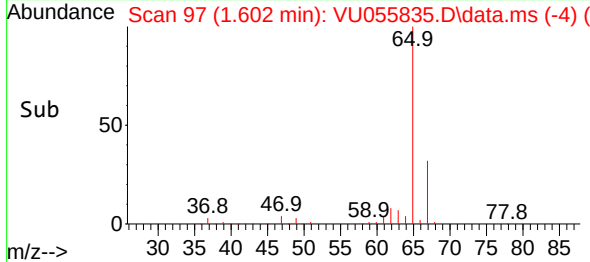
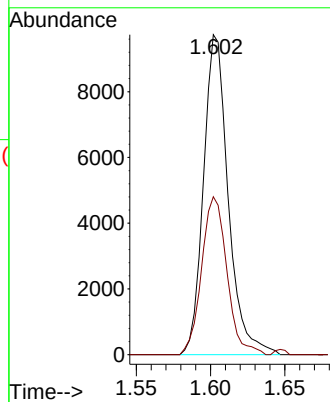
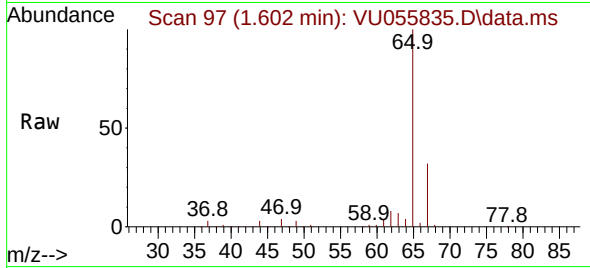




#5
 Vinyl chloride
 Concen: 2.689 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055835.D
 Acq: 20 Oct 2023 16:15

Instrument :
 MSVOA_U
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 E45J8

Tgt Ion: 62 Resp: 11269
 Ion Ratio Lower Upper
 62 100
 64 49.3 23.9 44.5#



#46
 Tetrachloroethene
 Concen: 0.832 ug/L
 RT: 8.553 min Scan# 2259
 Delta R.T. 0.003 min
 Lab File: VU055835.D
 Acq: 20 Oct 2023 16:15

Tgt Ion: 164 Resp: 2508
 Ion Ratio Lower Upper
 164 100
 129 90.5 70.7 131.3
 131 73.9 65.9 122.5
 166 112.2 87.8 163.0

