

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057903.D
 Acq On : 20 Feb 2024 15:30
 Operator : MD/SY
 Sample : P1504-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNE1

Quant Time: Feb 21 00:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 21 00:11:26 2024
 Response via : Initial Calibration

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

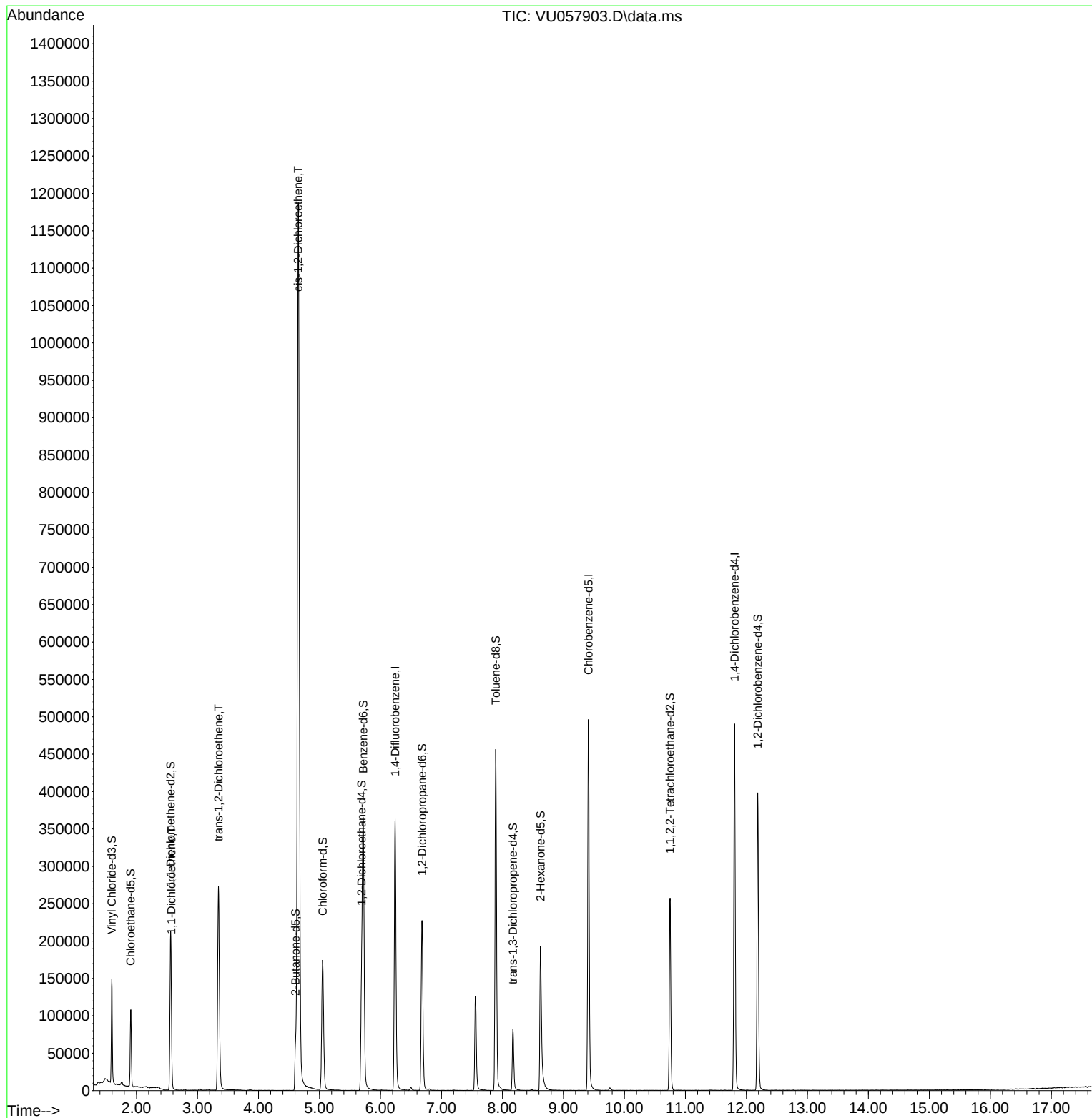
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	287919	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95885	46.000	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.000%
7) Chloroethane-d5	1.904	69	74374	48.274	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.540%
11) 1,1-Dichloroethene-d2	2.560	63	133042	34.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.500%
21) 2-Butanone-d5	4.608	46	87784	110.839	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.840%
24) Chloroform-d	5.052	84	165043	46.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
26) 1,2-Dichloroethane-d4	5.692	65	108536	48.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
32) Benzene-d6	5.717	84	342593	50.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	6.682	67	111768	50.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	7.891	98	306486	49.557	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.120%
43) trans-1,3-Dichloroprop...	8.174	79	50144	47.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.460%
47) 2-Hexanone-d5	8.624	63	70305	82.898	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	129042	42.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.780%
66) 1,2-Dichlorobenzene-d4	12.187	152	101913	50.241	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3537	1.697	ug/L	# 1
17) trans-1,2-Dichloroethene	3.345	96	110848	51.253	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	608549	245.276	ug/L	98

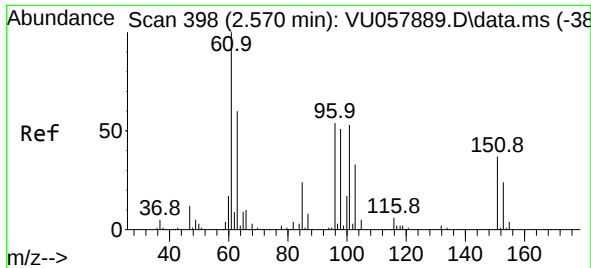
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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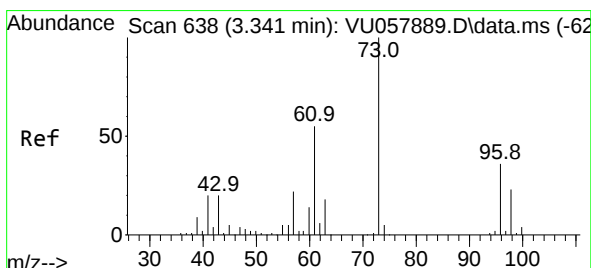
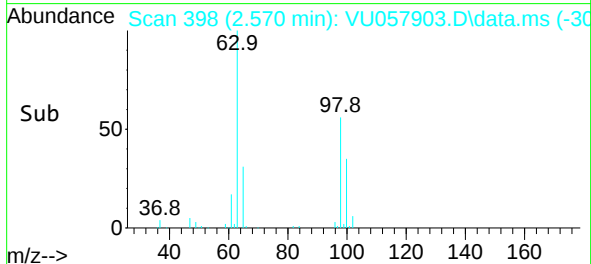
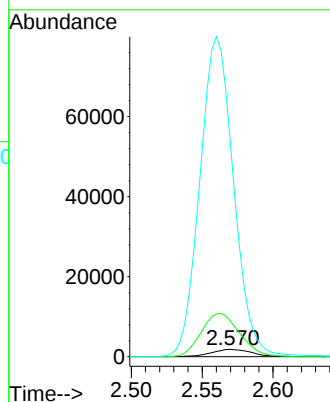
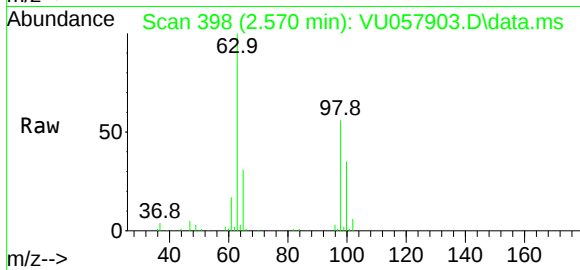




#12
1,1-Dichloroethene
Concen: 1.697 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU057903.D
Acq: 20 Feb 2024 15:30

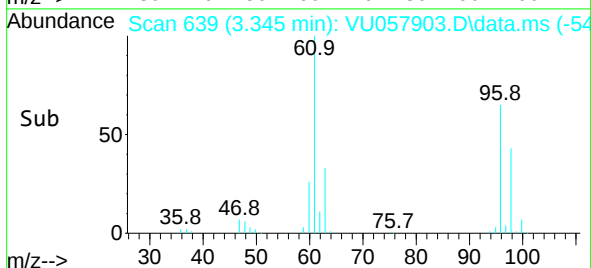
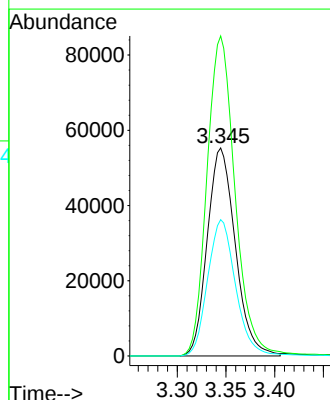
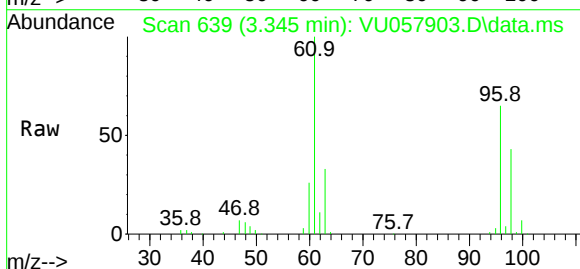
Instrument :
MSVOA_U
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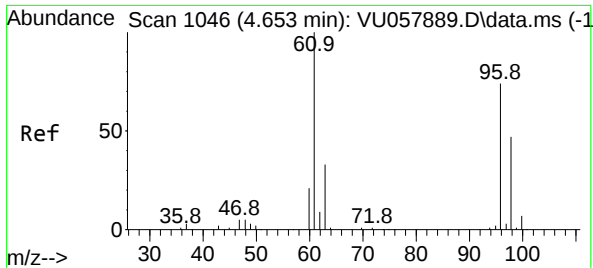
Tgt Ion: 96 Resp: 3537
Ion Ratio Lower Upper
96 100
61 493.4 126.8 235.6#
63 2972.6 86.5 160.7#



#17
trans-1,2-Dichloroethene
Concen: 51.253 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU057903.D
Acq: 20 Feb 2024 15:30

Tgt Ion: 96 Resp: 110848
Ion Ratio Lower Upper
96 100
61 153.8 106.3 197.3
98 65.6 44.4 82.5





#20
 cis-1,2-Dichloroethene
 Concen: 245.276 ug/L
 RT: 4.653 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VU057903.D
 Acq: 20 Feb 2024 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNE1

Tgt Ion: 96 Resp: 608549

Ion	Ratio	Lower	Upper
96	100		
61	140.5	96.7	179.7
98	64.0	44.3	82.3

