

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 :

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)

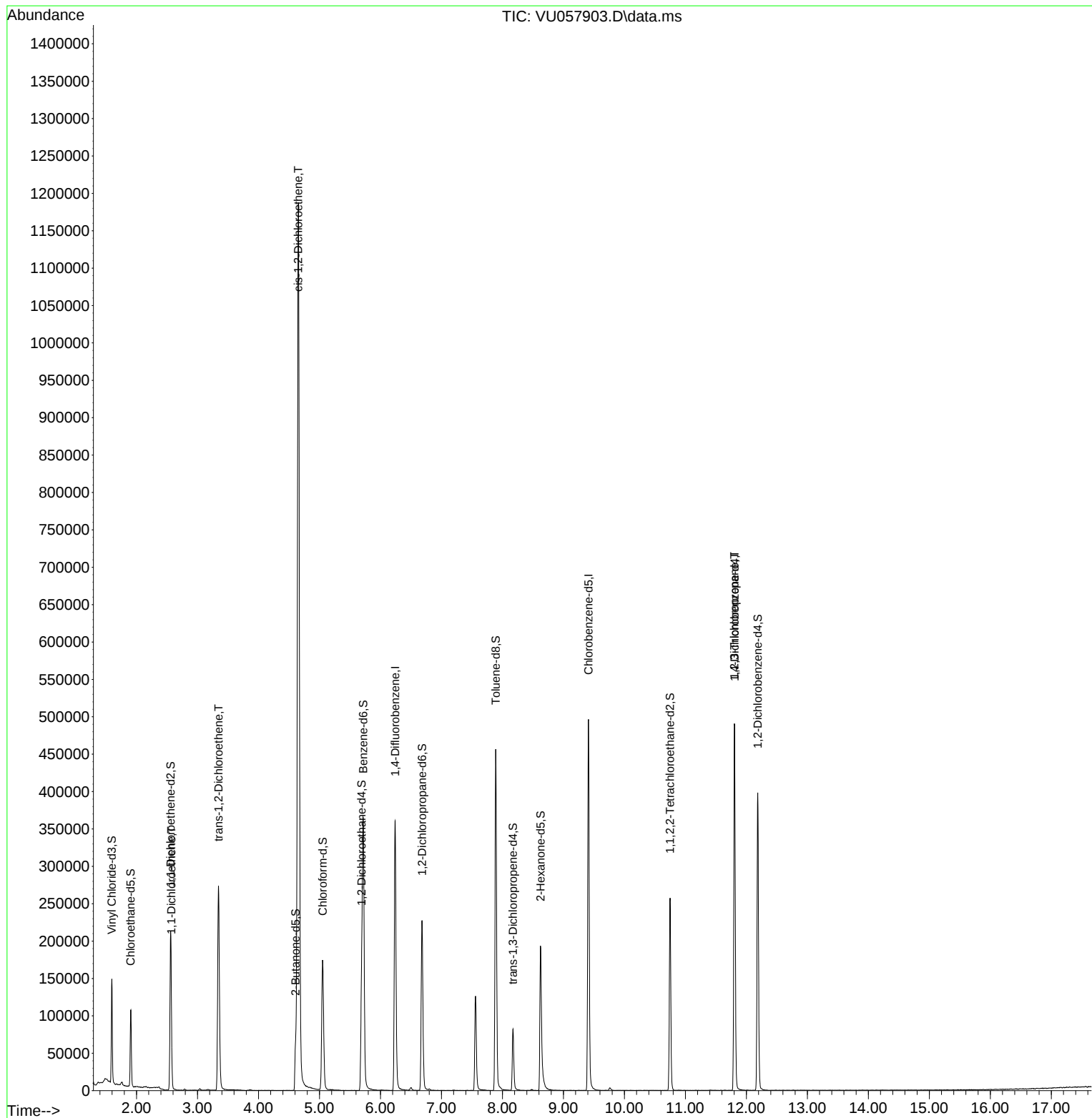
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	287919	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	272621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	125275	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95885	46.000	ug/L	0.00
Spiked Amount 50.000	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
60) 1,2,3-Trichloropropane	11.804	75	17135	5.904	ug/L #	68

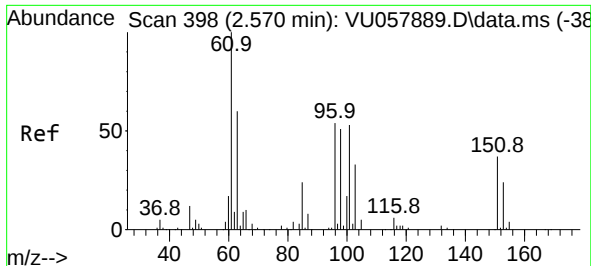
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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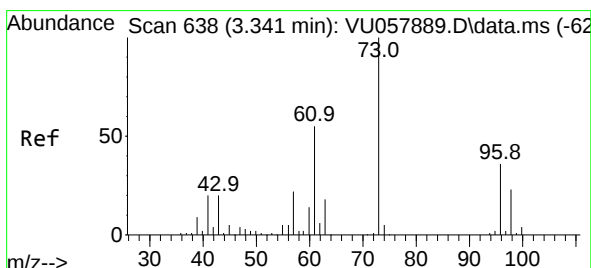
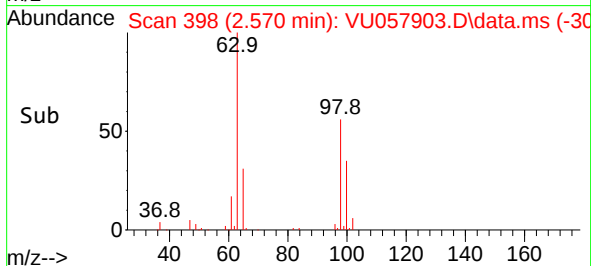
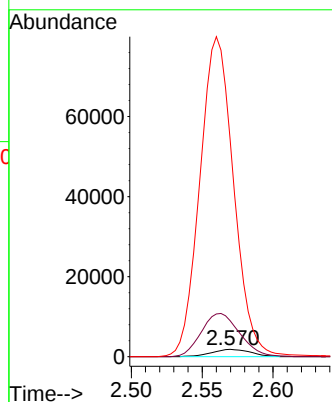
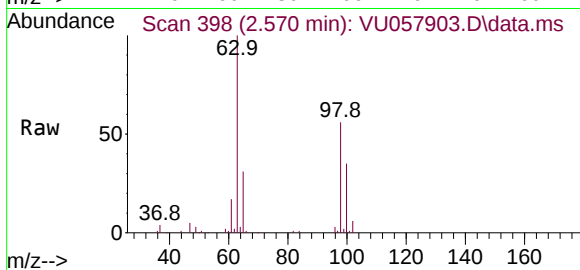
Instrument :

MSVOA_U

ClientSampleId :

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

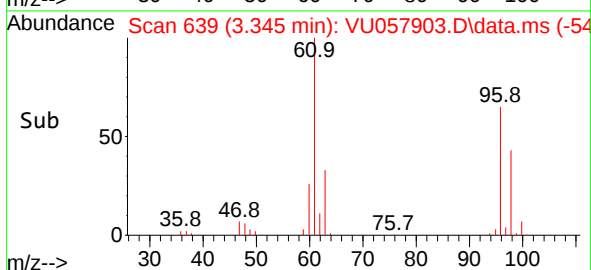
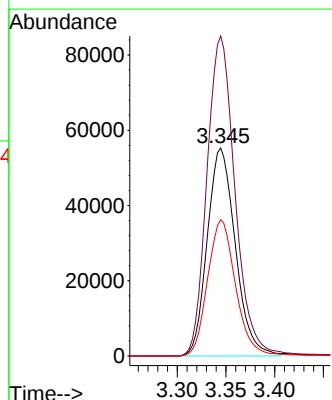
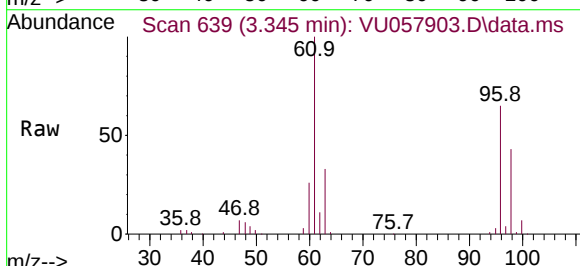
Delta R.T. 0.003 min

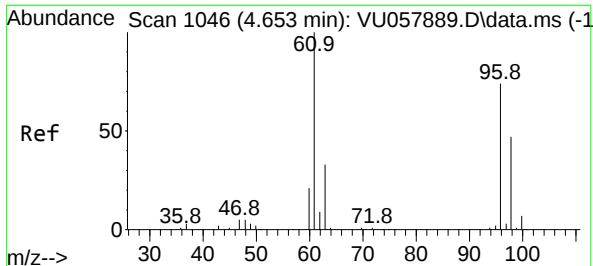
Lab File: VU057903.D

Acq: 20 Feb 2024 15:30

Tgt Ion: 96 Resp: 110848

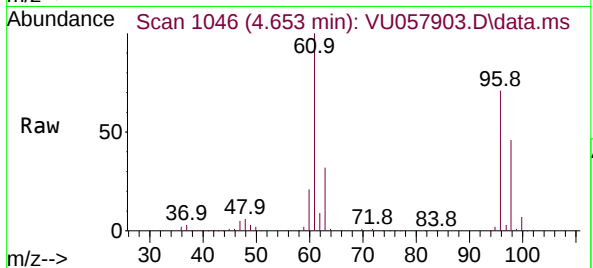
Ion	Ratio	Lower	Upper
96	100		
61	153.8	106.3	197.3
98	65.6	44.4	82.5



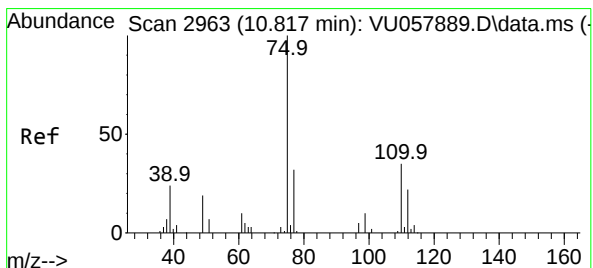
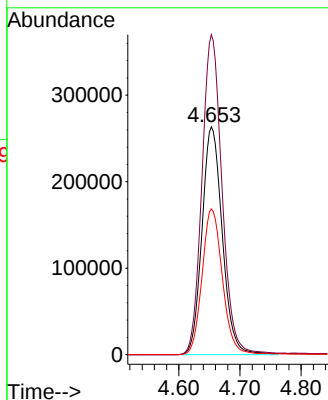
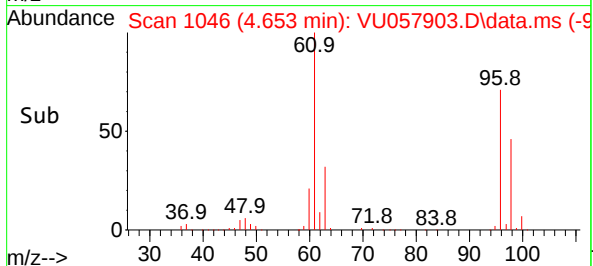


#20
 cis-1,2-Dichloroethene
 Concen: 245.276 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
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Instrument :
 MSVOA_U
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Tgt Ion: 96 Resp: 608549
 Ion Ratio Lower Upper
 96 100
 61 140.5 96.7 179.7
 98 64.0 44.3 82.3



#60
 1,2,3-Trichloropropane
 Concen: 5.904 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.987 min
 Lab File: VU057903.D
 Acq: 20 Feb 2024 15:30

Tgt Ion: 75 Resp: 17135
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.9 38.9
 110 0.5 28.3 42.5#

