

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057901.D
 Acq On : 20 Feb 2024 14:42
 Operator : MD/SY
 Sample : P1504-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCNB4

Quant Time: Feb 21 00:14:33 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)

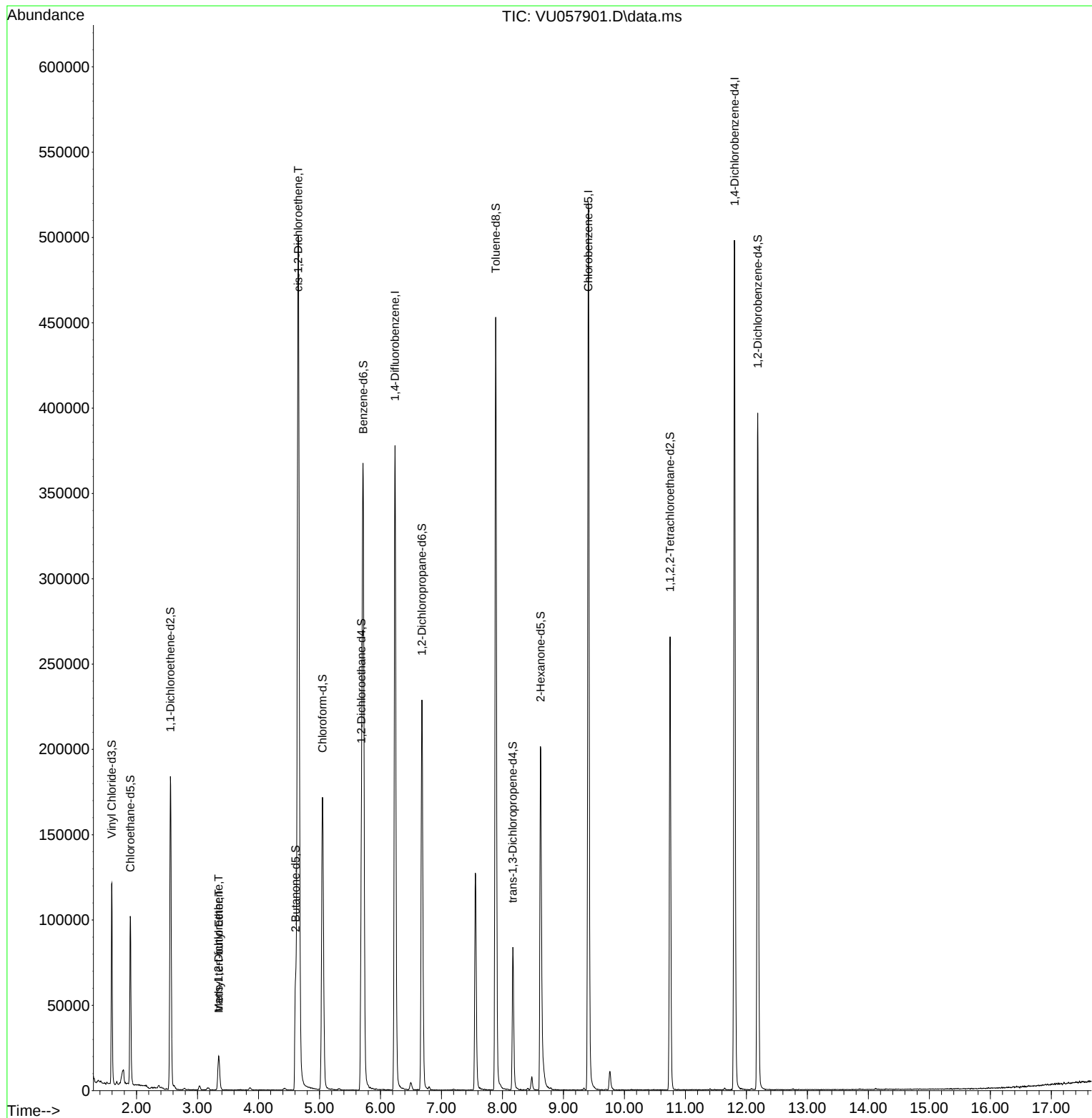
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	295739	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	279595	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85221	39.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.600%
7) Chloroethane-d5	1.898	69	72975	46.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.220%
11) 1,1-Dichloroethene-d2	2.557	63	116029	29.079	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.160%#
21) 2-Butanone-d5	4.608	46	93347	114.746	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.750%
24) Chloroform-d	5.049	84	164968	45.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	5.689	65	110805	48.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
32) Benzene-d6	5.718	84	343512	49.025	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.060%
36) 1,2-Dichloropropane-d6	6.679	67	110488	48.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.660%
41) Toluene-d8	7.891	98	301205	47.489	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.980%
43) trans-1,3-Dichloroprop...	8.171	79	48111	44.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.300%
47) 2-Hexanone-d5	8.624	63	72525	83.382	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.380%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	131151	42.008	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.020%
66) 1,2-Dichlorobenzene-d4	12.187	152	98353	47.993	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	3.348	96	3357	1.511	ug/L	89
18) Methyl tert-butyl Ether	3.351	73	13651	1.765	ug/L	98
20) cis-1,2-Dichloroethene	4.653	96	258059	101.261	ug/L	99

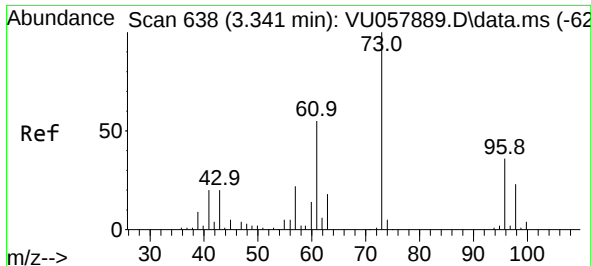
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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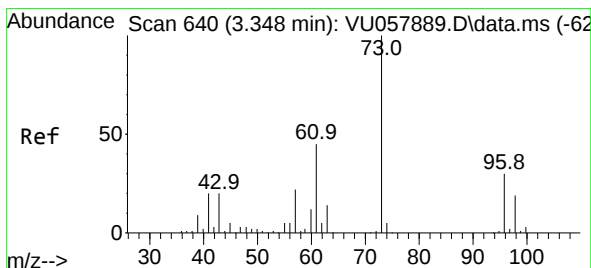
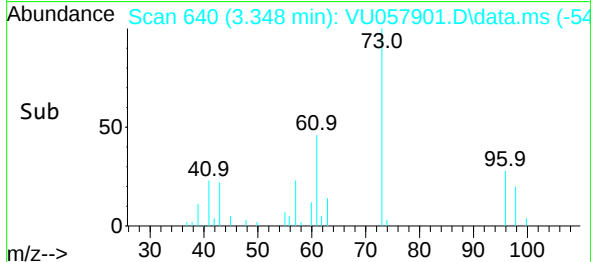
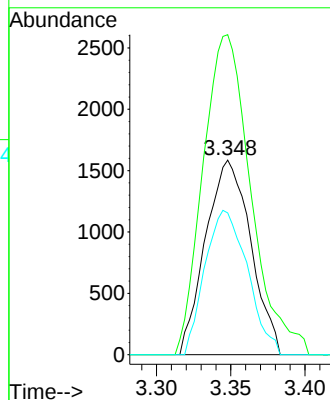
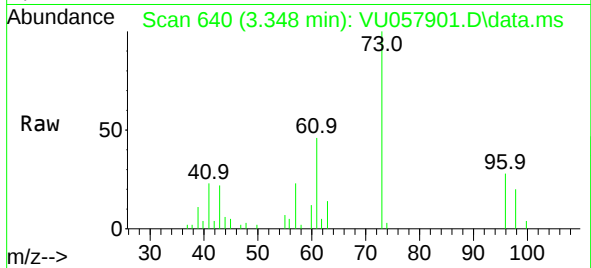




#17
trans-1,2-Dichloroethene
Concen: 1.511 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.006 min
Lab File: VU057901.D
Acq: 20 Feb 2024 14:42

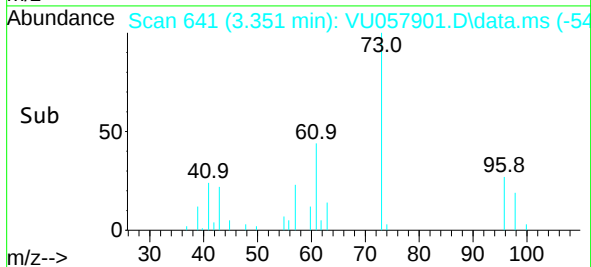
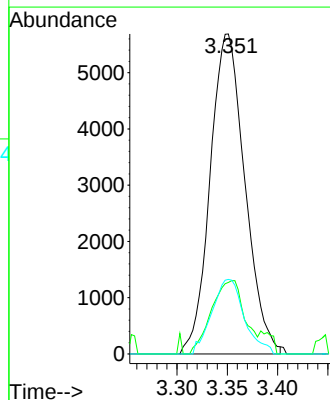
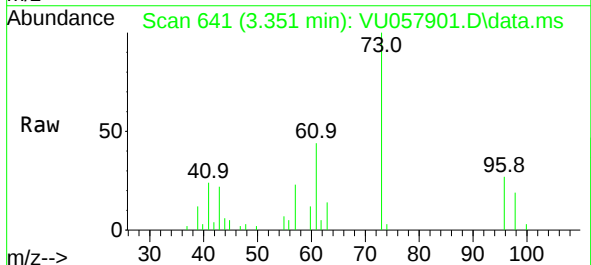
Instrument :
MSVOA_U
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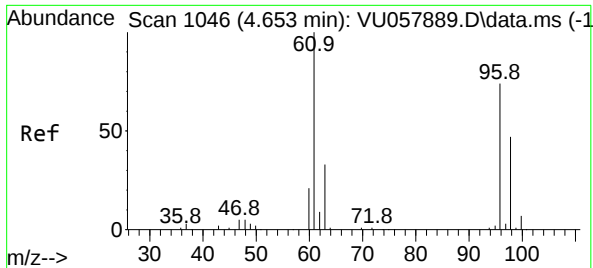
Tgt Ion: 96 Resp: 3357
Ion Ratio Lower Upper
96 100
61 164.4 106.3 197.3
98 72.9 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 1.765 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057901.D
Acq: 20 Feb 2024 14:42

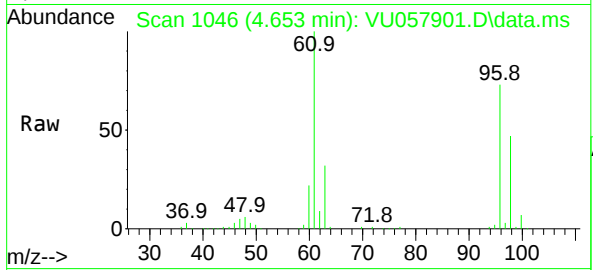
Tgt Ion: 73 Resp: 13651
Ion Ratio Lower Upper
73 100
43 21.8 16.0 24.0
57 21.8 17.8 26.6





cis-1,2-Dichloroethene
 Concen: 101.261 ug/L
 RT: 4.653 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VU057901.D
 Acq: 20 Feb 2024 14:42

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 MSVOA_U
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 DCNB4



Tgt Ion: 96	Resp: 258059
Ion Ratio	Lower Upper
96 100	
61 137.9	96.7 179.7
98 64.4	44.3 82.3

