

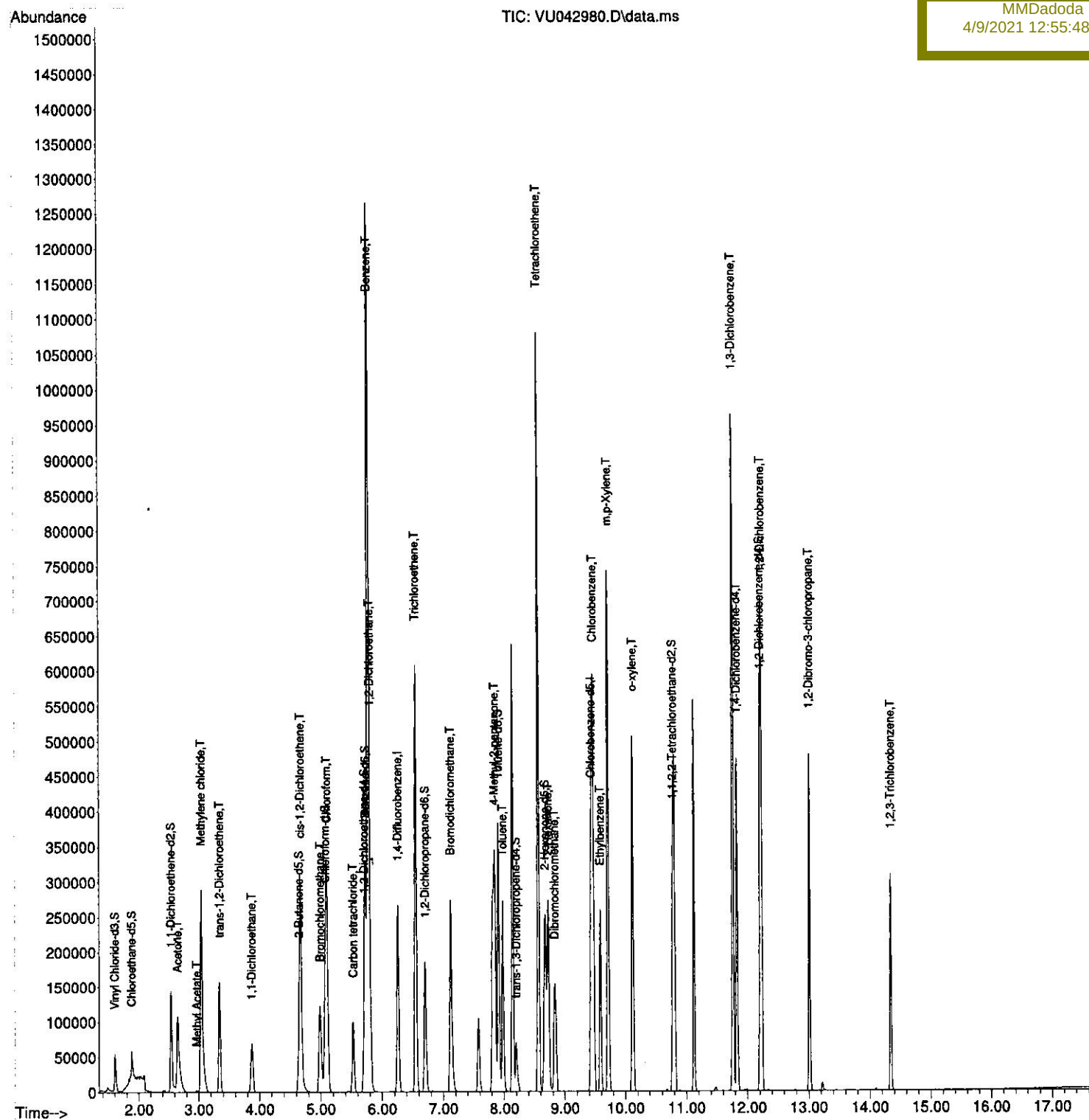
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
Data File : VU042980.D
Acq On : 07 Apr 2021 14:49
Operator : SY/MD
Sample : M1906-07
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 09 09:46:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 08 08:47:10 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
Client Sample Id :
X3312

Manual Integrations
APPROVED

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4/9/2021 12:55:48 PM



Quantitation Report (Qedit)

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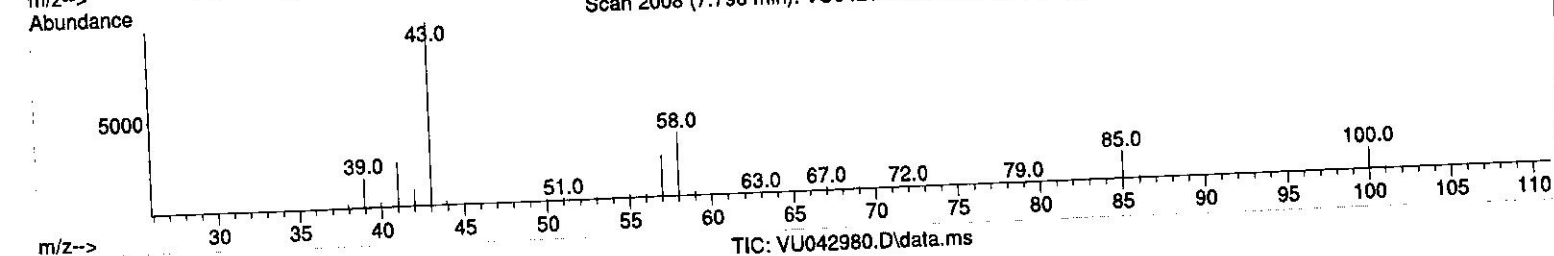
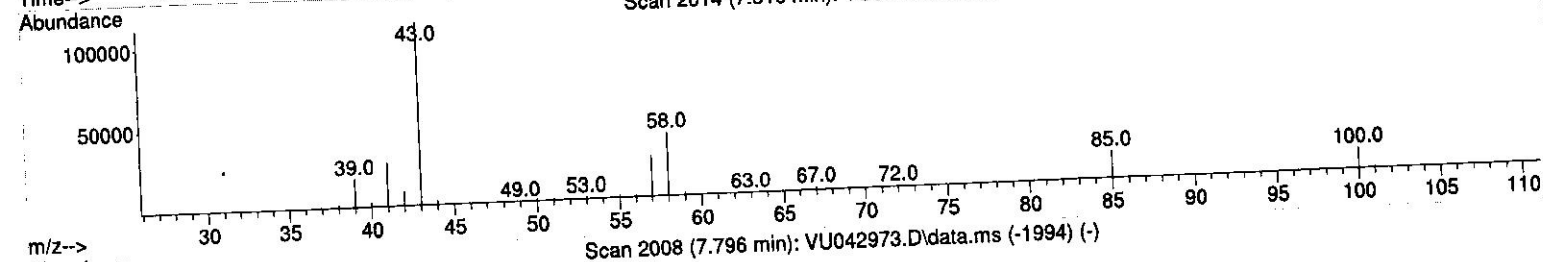
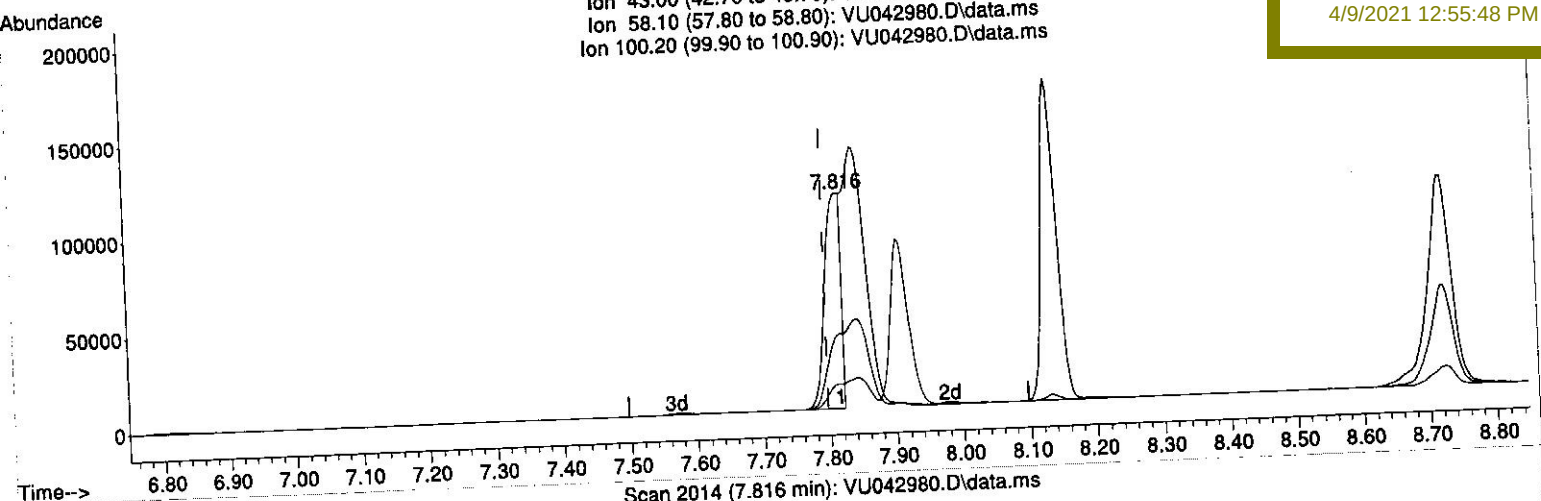
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Ion 43.00 (42.70 to 43.70): VU042980.D\data.ms
 Ion 58.10 (57.80 to 58.80): VU042980.D\data.ms
 Ion 100.20 (99.90 to 100.90): VU042980.D\data.ms



(40) 4-Methyl-2-pentanone (T)

7.816min (+ 0.020) 51.10 ug/L

response 200104

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	34.40	33.51
100.20	11.80	9.85
0.00	0.00	0.00

Quantitation Report (Qedit)

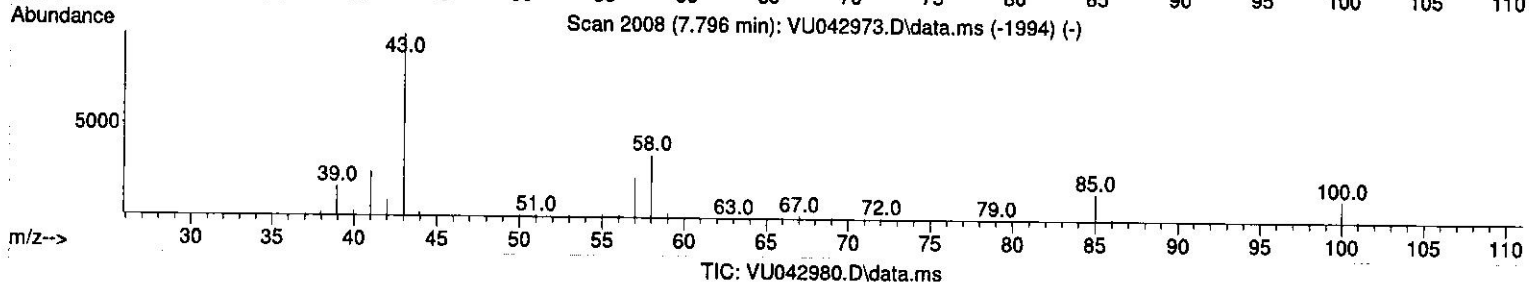
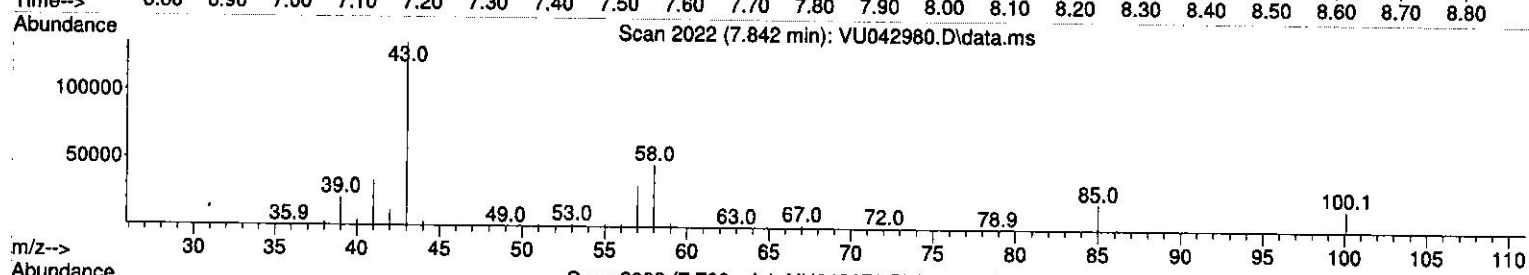
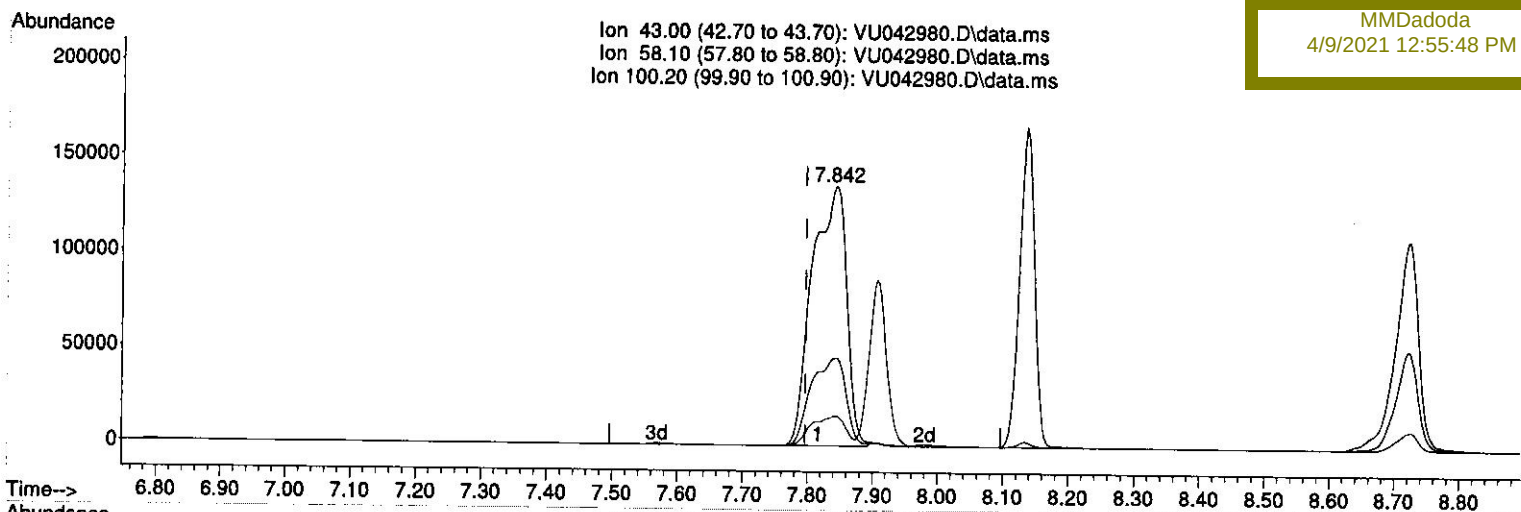
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(40) 4-Methyl-2-pentanone (T)

7.842min (+ 0.045) 126.88 ug/L m

response 496874

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	34.40	13.49#
100.20	11.80	3.97#
0.00	0.00	0.00

Handwritten: M.D. 4/9/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	221015	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.433	117	225369	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	115539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	53033	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.880	69	32180	29.89	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.78%#
11) 1,1-Dichloroethene-d2	2.540	63	103023	34.85	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	4.646	46	164887	92.73	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.73%
24) Chloroform-d	5.073	84	148101	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.710	65	104119	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
32) Benzene-d6	5.729	84	253249	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.46%
36) 1,2-Dichloropropane-d6	6.700	67	88970	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.40%
41) Toluene-d8	7.906	98	254586	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloroprop...	8.192	79	47682	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.671	63	109299	89.09	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.09%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	141267	42.38	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.76%
66) 1,2-Dichlorobenzene-d4	12.205	152	105238	45.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.58%

Target Compounds

					Qvalue
13) Acetone	2.649	43	209083	146.67	ug/L 99
15) Methyl Acetate	2.964	43	4429	1.77	ug/L # 84
16) Methylene chloride	3.041	84	167178	105.47	ug/L 96
17) trans-1,2-Dichloroethene	3.340	96	61179	42.15	ug/L 97
19) 1,1-Dichloroethane	3.868	63	85081	28.69	ug/L 96
20) cis-1,2-Dichloroethene	4.668	96	130609	80.29	ug/L 98
23) Bromochloromethane	4.986	128	45871	52.90	ug/L 96
25) Chloroform	5.096	83	257918	83.82	ug/L 100
27) 1,2-Dichloroethane	5.800	62	196880	70.23	ug/L 99
31) Carbon tetrachloride	5.523	117	66226	26.69	ug/L 99
33) Benzene	5.777	78	1084803	167.68	ug/L 100
34) Trichloroethene	6.546	95	203553	115.69	ug/L 99
38) Bromodichloromethane	7.118	83	219208	89.83	ug/L 99
40) 4-Methyl-2-pentanone	7.842	43	496874m	126.88	ug/L
42) Toluene	7.977	91	204456	28.25	ug/L 96
46) Tetrachloroethene	8.559	164	231766	164.82	ug/L 98
48) 2-Hexanone	8.723	43	274447	83.35	ug/L 98
49) Dibromochloromethane	8.826	129	119495	59.52	ug/L 98
51) Chlorobenzene	9.462	112	331347	72.64	ug/L 98

M.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.584	91	206668	25.43	ug/L	98
53) m,p-Xylene	9.710	106	220198	73.24	ug/L	100
54) o-xylene	10.115	106	144258	47.87	ug/L	96
64) 1,3-Dichlorobenzene	11.758	146	366956	99.50	ug/L	99
67) 1,2-Dichlorobenzene	12.224	146	218040	58.90	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.009	75	111621	130.50	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	91953	43.72	ug/L	98

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