

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031656.D
 Acq On : 01 May 2019 00:39
 Operator : JC/SP
 Sample : K2604-05
 Misc : 5.08g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ79

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 9:54:11 AM

Quant Time: May 01 05:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 04:42:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	846257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	804652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	323368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	202999	28.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.32%#
7) Chloroethane-d5	1.68	69	123820	22.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.24%#
11) 1,1-Dichloroethene-d2	2.24	63	305395	21.65	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.30%#
21) 2-Butanone-d5	4.21	46	343417	53.52	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.52%
24) Chloroform-d	4.64	84	349497	26.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	53.88%#
26) 1,2-Dichloroethane-d4	5.31	65	254705	30.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	60.12%#
32) Benzene-d6	5.33	84	682391	27.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	55.24%#
36) 1,2-Dichloropropane-d6	6.33	67	253401	29.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	58.30%#
41) Toluene-d8	7.56	98	553774	25.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	51.46%#
43) trans-1,3-Dichloropropene-	7.85	79	94846	25.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.84%#
47) 2-Hexanone-d5	8.34	63	220610	58.63	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.63%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	307157	26.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	52.66%#
64) 1,2-Dichlorobenzene-d4	11.86	152	180191	26.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	53.00%#

Target Compounds					Ovalue
16) Methylene chloride	2.69	84	5904m	0.758 ug/L	
34) Trichloroethene	6.19	95	8038	1.121 ug/L	83

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

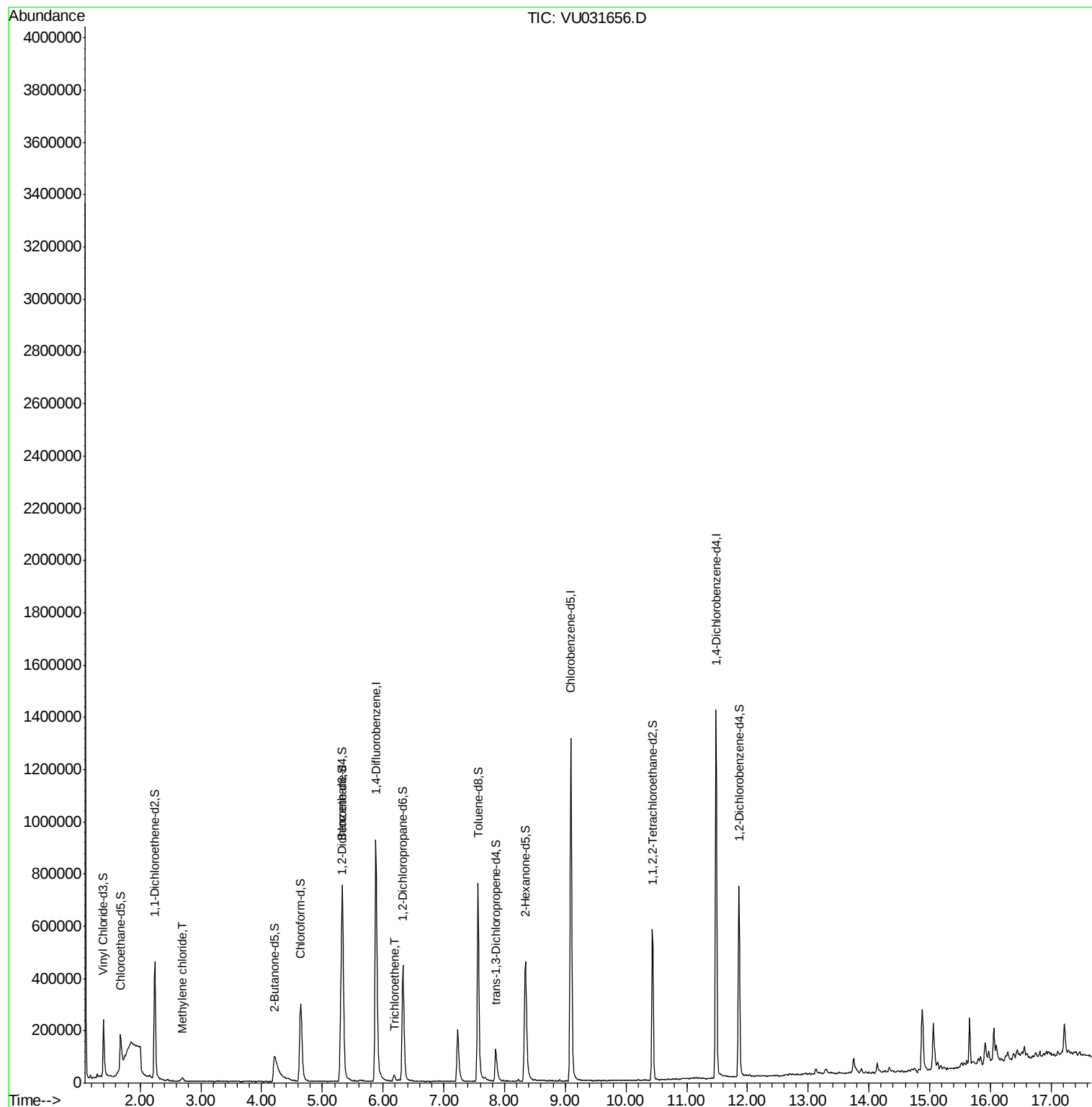
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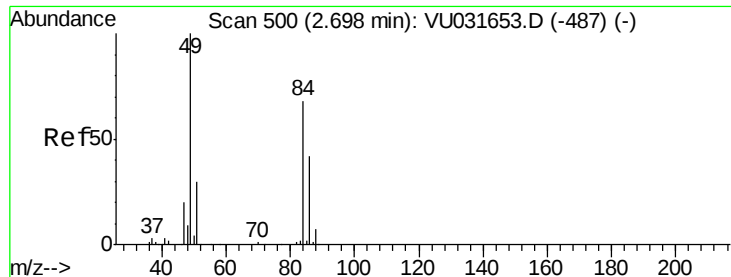
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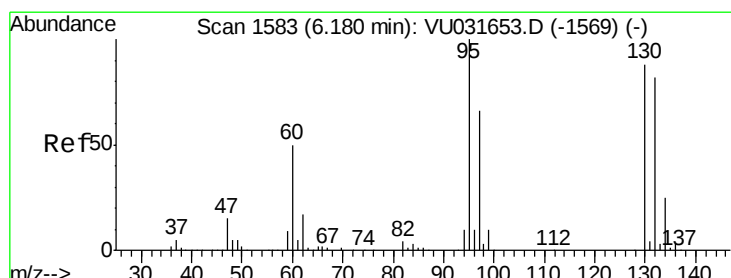
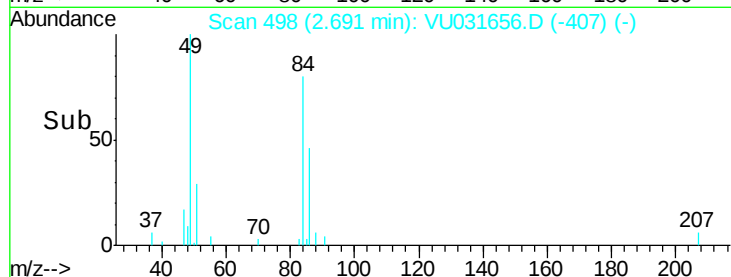
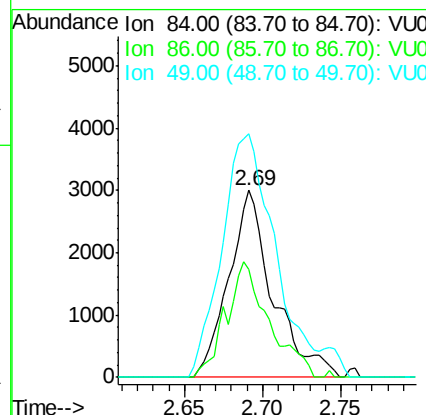
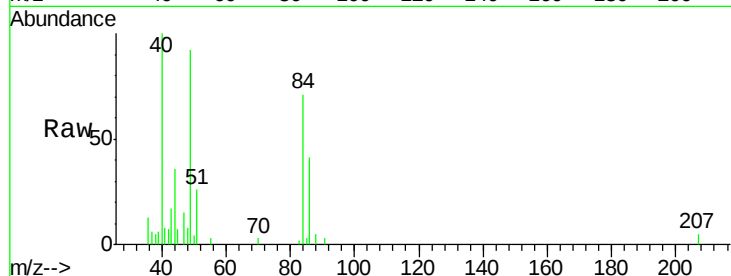
#16
Methvlene chloride
Concen: 0.758 ug/L m
RT: 2.69 min Scan# 498
Delta R.T. -0.01 min
Lab File: VU031656.D
Acq: 01 May 2019 00:39

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Tot Ion	84	Resp	5904
Ion Ratio	Lower	Upper	
84	100		
86	57.4	44.7	83.1
49	130.2	96.5	179.3

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#34
Trichloroethene
Concen: 1.121 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU031656.D
Acq: 01 May 2019 00:39

Tgt Ion	95	Resp	8038
Ion Ratio	Lower	Upper	
95	100		
97	64.3	44.8	83.2
132	69.2	63.1	117.1
130	71.9	66.5	123.5

