

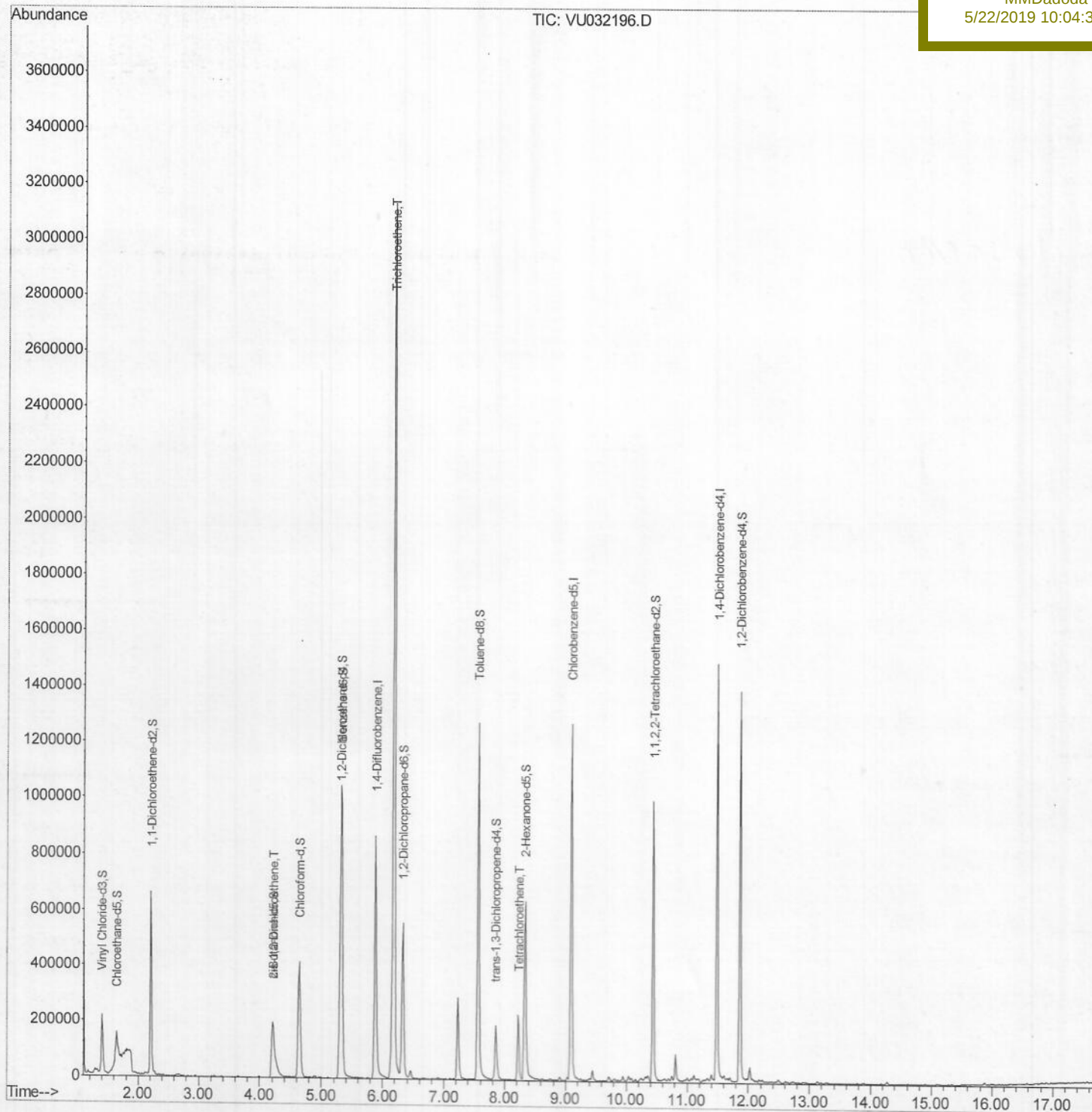
Data File : VU032196.D
Acq On : 21 May 2019 13:46
Operator : JC/SP
Sample : K2853-02ME
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 22 02:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
A51A5ME

Manual Integrations
APPROVED

MMDadoda
5/22/2019 10:04:39 AM



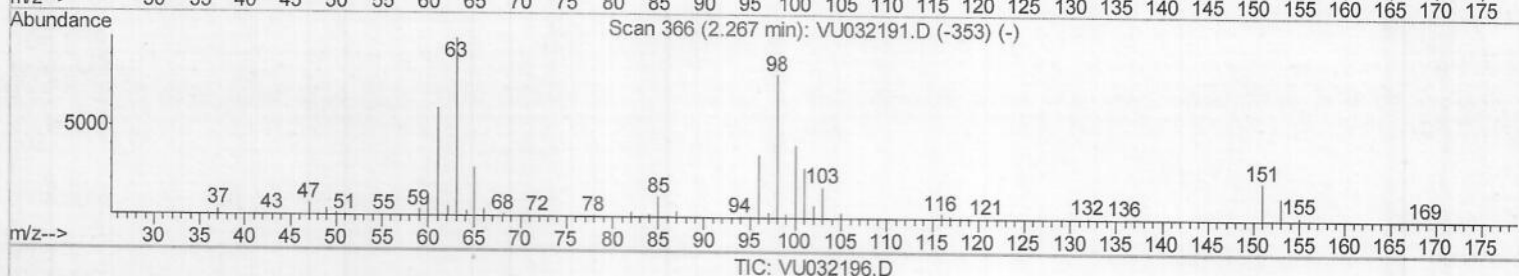
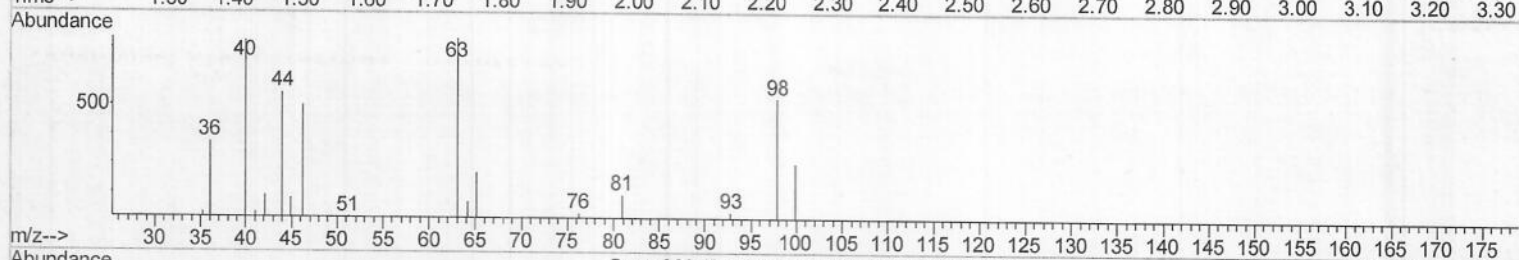
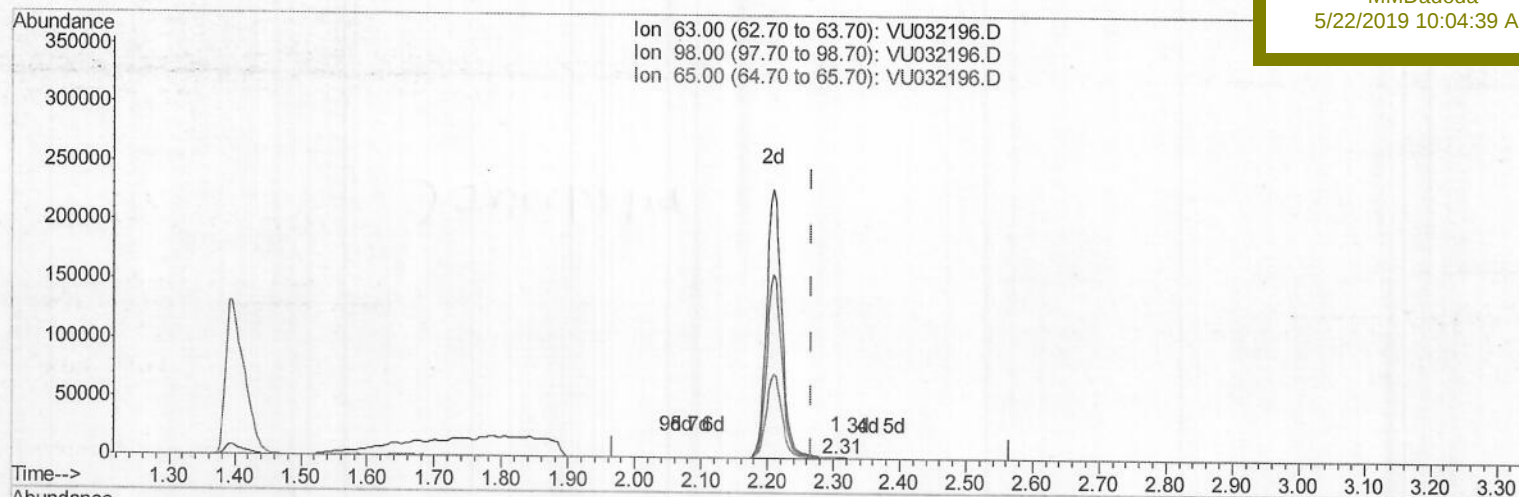
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(11) 1,1-Dichloroethene-d2 (S)

2.305min (+0.039) 0.11ug/L

response 1226

Ion	Exp%	Act%
63.00	100	100
98.00	85.10	98.69
65.00	24.00	0.00#
0.00	0.00	0.00

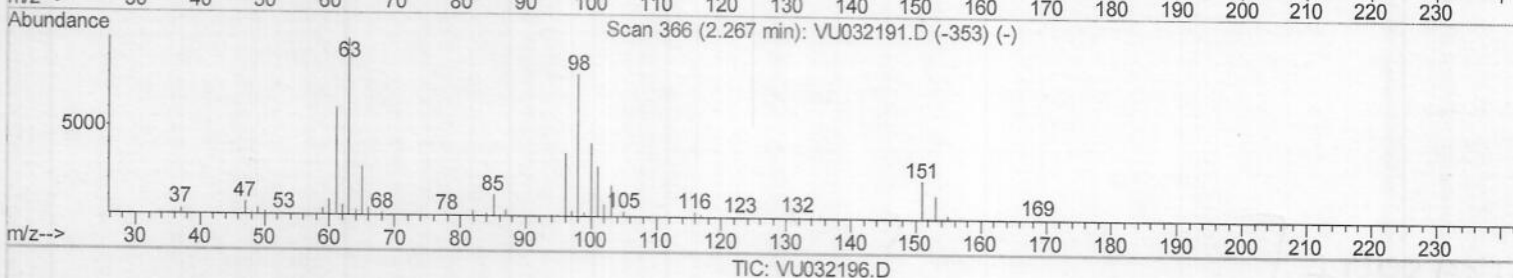
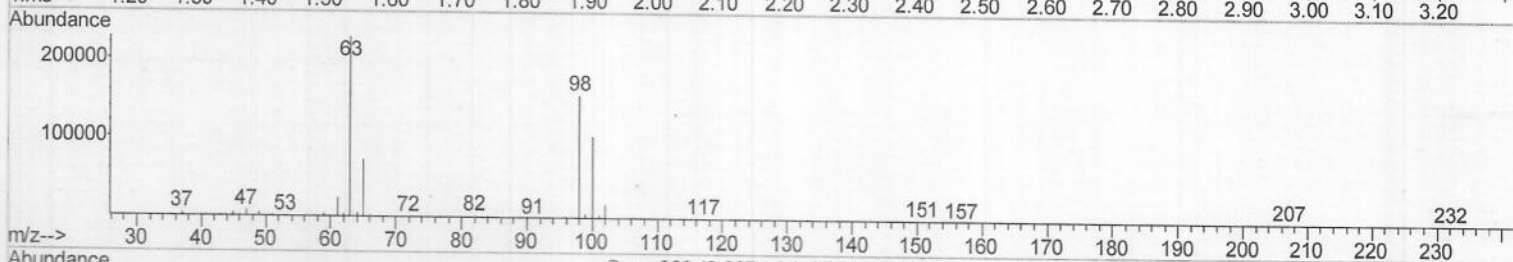
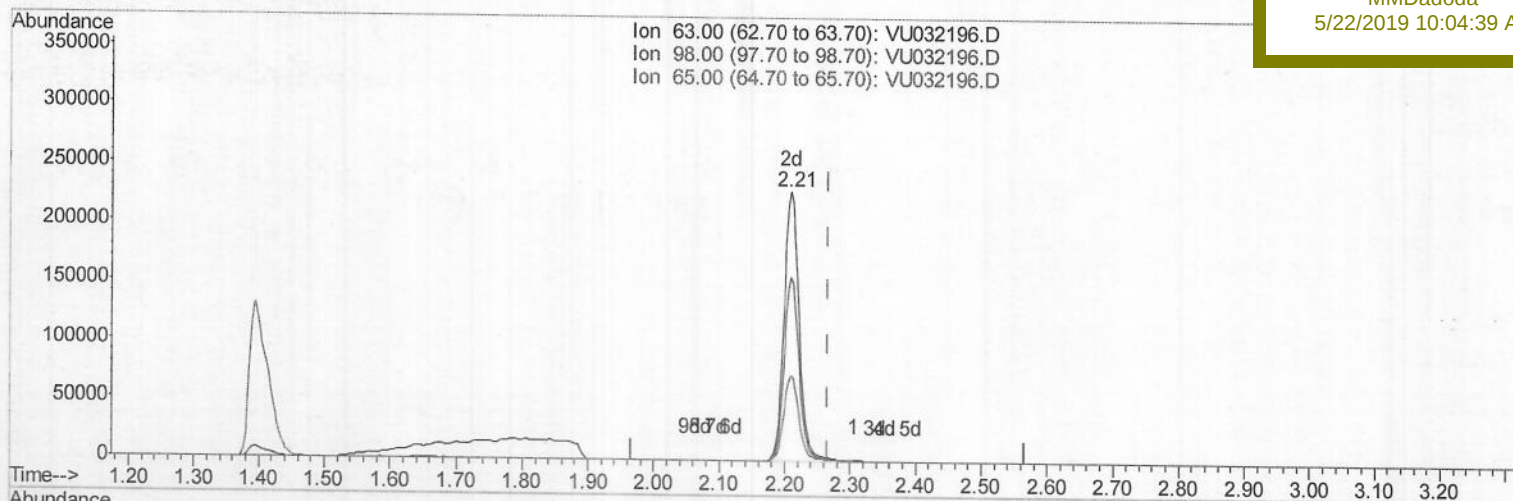
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Manual Integrations
APPROVED

MMDadoda
5/22/2019 10:04:39 AM



(11) 1,1-Dichloroethene-d2 (S)

2.209min (-0.058) 32.90ug/L m) MDO5/23/19

response 368453

Ion	Exp%	Act%
63.00	100	100
98.00	85.10	0.33#
65.00	24.00	0.00#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\
Quantitation Report (QT Reviewed)

Data File : VU032196.D
Acq On : 21 May 2019 13:46
Operator : JC/SP
Sample : K2853-02ME
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51A5ME

Quant Time: May 22 02:40:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
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Manual Integrations
APPROVED

MMDadoda
5/22/2019 10:04:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	901612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	904933	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	436021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	253164	43.05	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.10%	
7) Chloroethane-d5	1.64	69	118118	23.05	ug/L	-0.03
Spiked Amount	50.000	Range 70 - 130	Recovery	=	46.10%#	
11) 1,1-Dichloroethene-d2	2.21	63	368453m	32.90	ug/L	-0.06
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.80%	
21) 2-Butanone-d5	4.21	46	380663	104.90	ug/L	0.04
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.90%	
24) Chloroform-d	4.64	84	492751	42.52	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.04%	
26) 1,2-Dichloroethane-d4	5.30	65	318866	46.61	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.22%	
32) Benzene-d6	5.32	84	1065949	45.31	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.62%	
36) 1,2-Dichloropropane-d6	6.32	67	319626	47.06	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.12%	
41) Toluene-d8	7.56	98	1001796	44.94	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.88%	
43) trans-1,3-Dichloropropene-	7.85	79	149862	44.71	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.42%	
47) 2-Hexanone-d5	8.33	63	315359	102.35	ug/L	0.03
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.35%	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	512700	46.66	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.32%	
64) 1,2-Dichlorobenzene-d4	11.86	152	409420	44.90	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.80%	

Target Compounds

						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	32029	4.582	ug/L	94
34) Trichloroethene	6.17	95	1175121	173.930	ug/L	99
46) Tetrachloroethene	8.22	164	59692	10.699	ug/L	97

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