

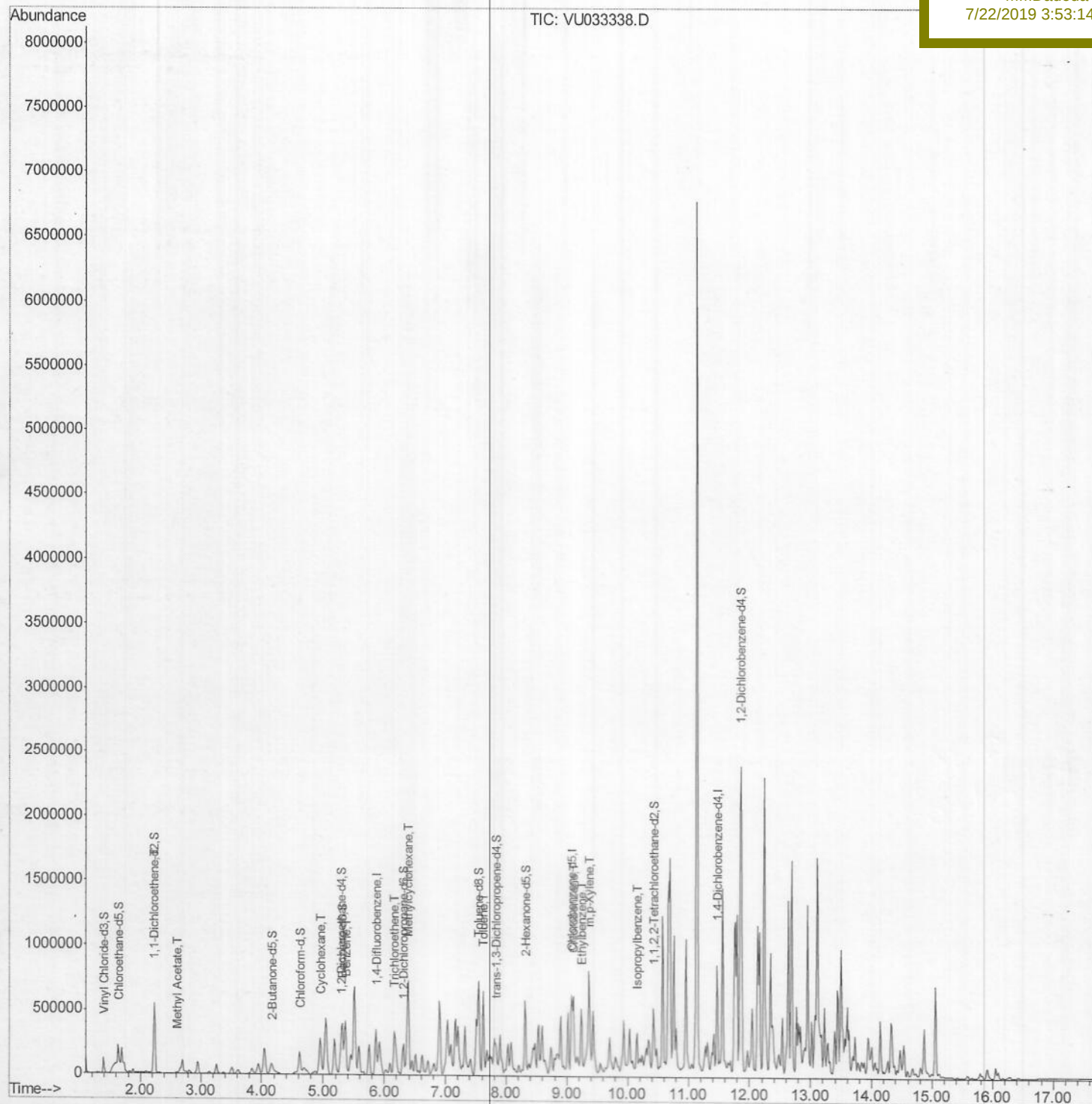
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
Data File : VU033338.D
Acq On : 19 Jul 2019 15:41
Operator : JC/SP
Sample : K3831-03MSD
Misc : 14.82µ/5mL/100uL/5.0mL/MSVOA U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 02 06:01:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 22:54:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GAMR0MSD

Manual Integrations
APPROVED

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7/22/2019 3:53:14 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071919\
Quantitation Report (Qedit)

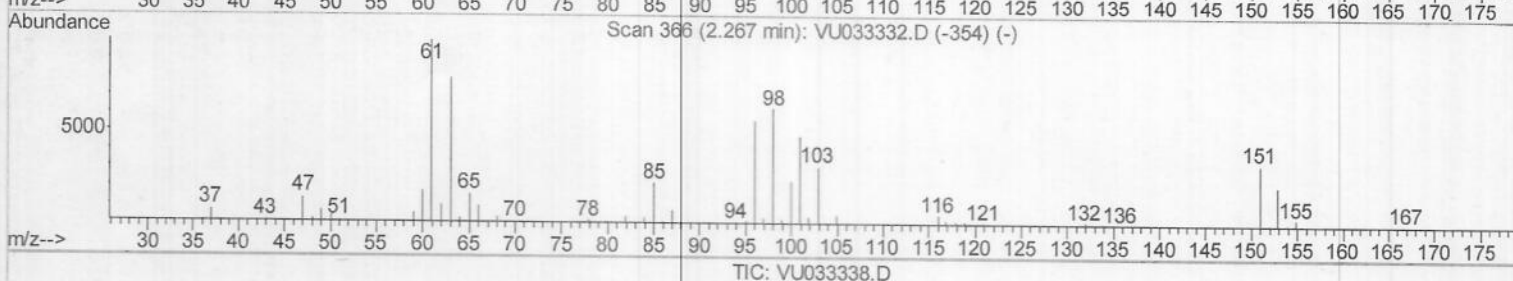
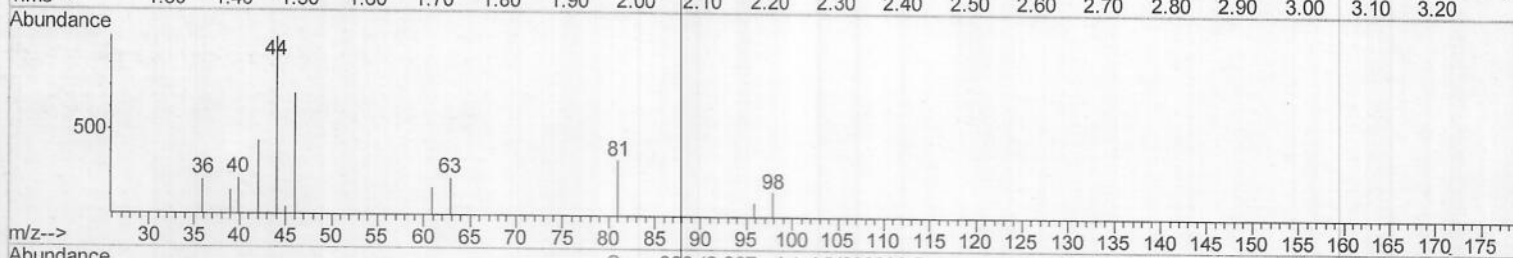
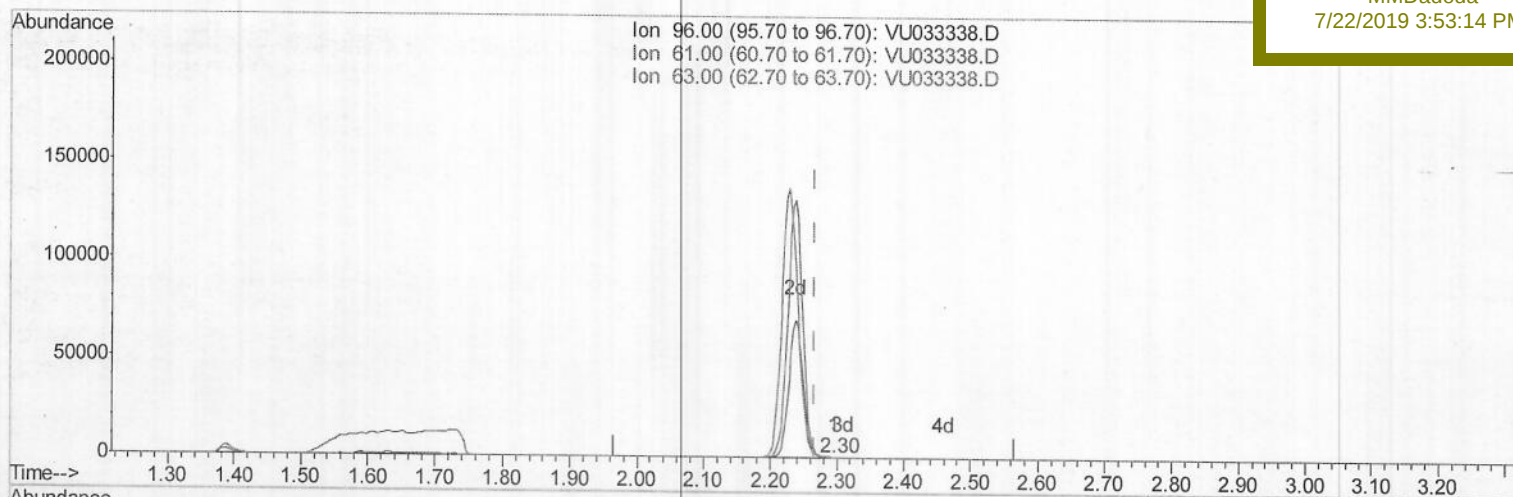
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Quant Time: Jul 19 23:47:02 2019
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(12) 1,1-Dichloroethene (T)

2.296min (+0.029) 0.06ug/L

response 115

Ion	Exp%	Act%
96.00	100	100
61.00	180.10	134.66
63.00	138.30	160.23
0.00	0.00	0.00

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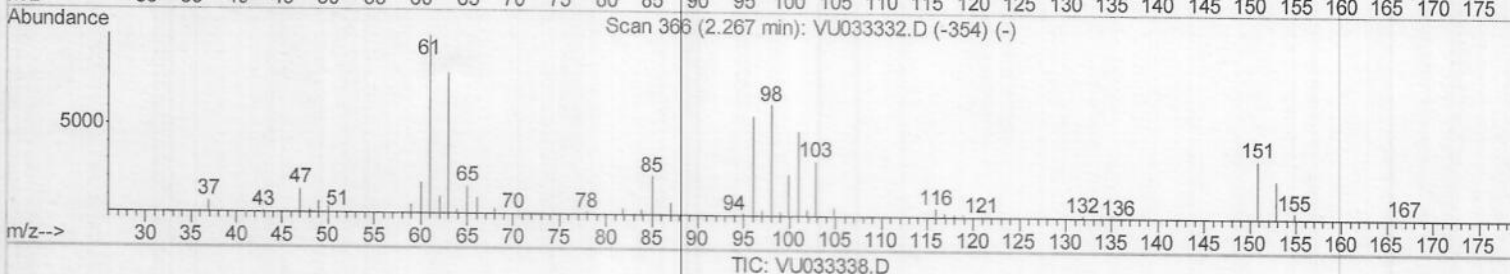
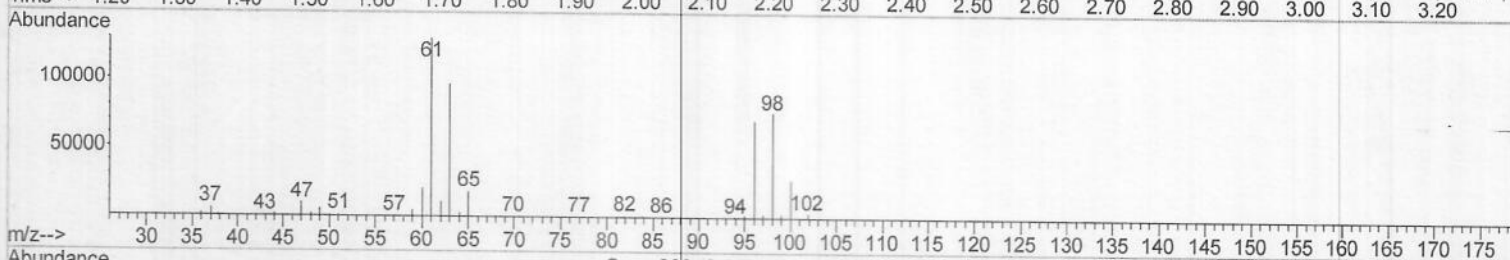
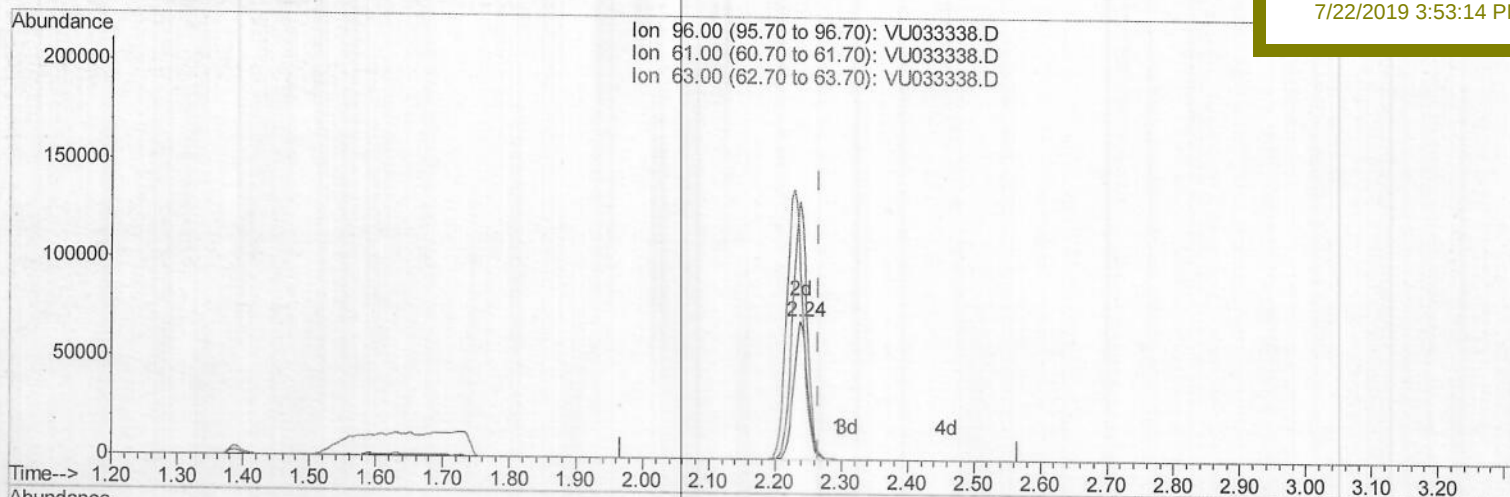
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Instrument :
MSVOA_U
ClientSampleId :
GAMR0MSD

Manual Integrations
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TIC: VU033338.D

(12) 1,1-Dichloroethene (T)

2.238min (-0.029) 49.81ug/L m

response 103296

Ion	Exp%	Act%
96.00	100	100
61.00	180.10	187.29
63.00	138.30	138.81
0.00	0.00	0.00

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071919\
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 22:54:17 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_U
 Client Sampled :
 GAMROMSD

Manual Integrations
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Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114		310702	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117		306655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152		177810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65		91306	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.64%	
7) Chloroethane-d5	1.63	69		95815	47.69	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.38%	
11) 1,1-Dichloroethene-d2	2.23	63		232120	54.41	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.82%	
21) 2-Butanone-d5	4.16	46		168260	112.91	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.91%	
24) Chloroform-d	4.62	84		181090	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.88%	
26) 1,2-Dichloroethane-d4	5.28	65		126887	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.38%	
32) Benzene-d6	5.31	84		382916	50.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.80%	
36) 1,2-Dichloropropane-d6	6.31	67		124229	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%	
41) Toluene-d8	7.55	98		382478	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%	
43) trans-1,3-Dichloropropene-	7.83	79		67261	56.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.84%	
47) 2-Hexanone-d5	8.31	63		139763	128.65	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.65%	
57) 1,1,1,2,2-Tetrachloroethane-	10.42	84		209870	57.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.08%	
64) 1,2-Dichlorobenzene-d4	11.85	152		170203	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%	

Target Compounds

					Ovalue	
12) 1,1-Dichloroethene	2.24	96	103296m	49.809	ug/L	
15) Methyl Acetate	2.60	43	6123	2.518	ug/L #	76
29) Cyclohexane	4.95	56	92341	27.635	ug/L #	78
33) Benzene	5.36	78	415174	46.425	ug/L	100
34) Trichloroethene	6.16	95	108903	46.563	ug/L	97
35) Methylcyclohexane	6.39	83	315609	88.092	ug/L	92
42) Toluene	7.62	91	458813	47.588	ug/L	98
51) Chlorobenzene	9.11	112	304565	48.397	ug/L	99
52) Ethylbenzene	9.23	91	264181	25.607	ug/L	99
53) m,p-Xylene	9.36	106	192132	49.167	ug/L	100
56) Isopropylbenzene	10.15	105	154950	15.519	ug/L	99

M.D
 07/20/19

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