

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039188.D
 Acq On : 29 Jun 2020 14:05
 Operator : SY/MD
 Sample : L3121-02DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F01DL

Quant Time: Jun 30 01:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246217	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	110575	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100373	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	82516	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.59	63	143651	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.68	46	347973	49.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	5.10	84	182284	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.74	65	116024	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.76	84	356364	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	114588	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.92	98	284104	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	51812	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.66	63	256556	49.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97281	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	114642	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

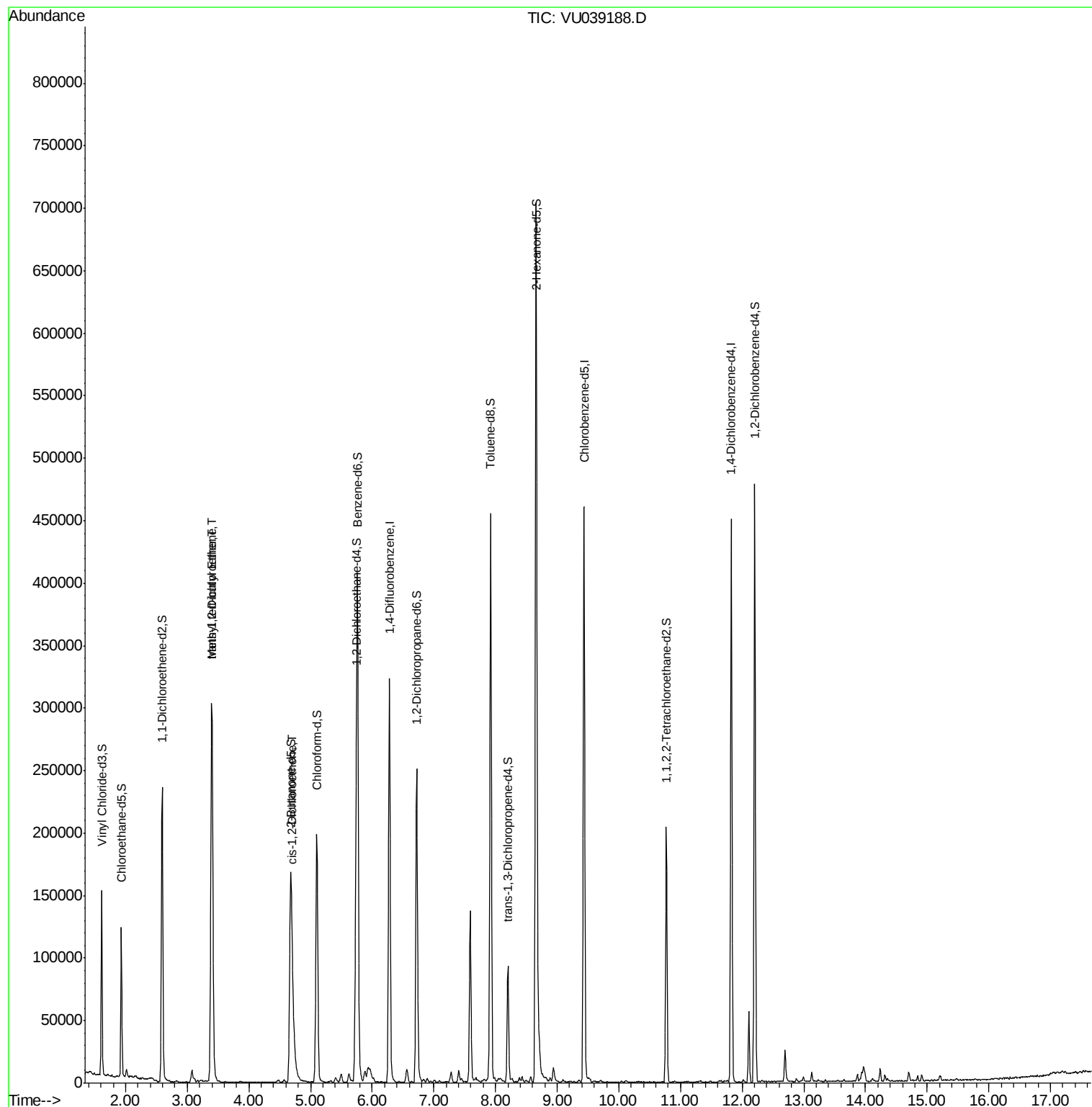
					Ovalue
17) Methyl tert-butyl Ether	3.40	73	326244	6.508 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	4127	0.209 ug/L	74
22) cis-1,2-Dichloroethene	4.70	96	4469	0.225 ug/L	96

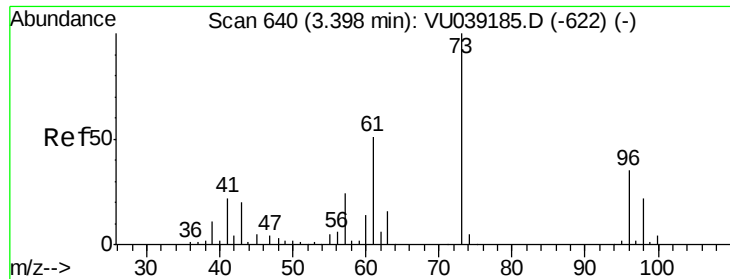
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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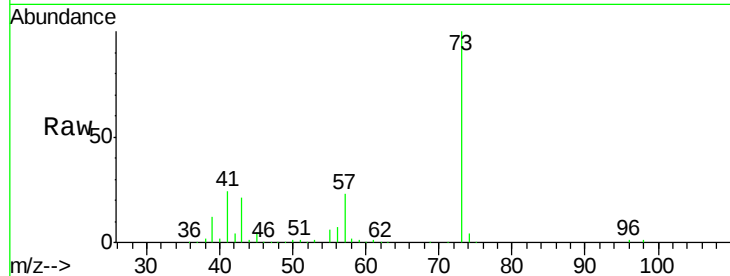




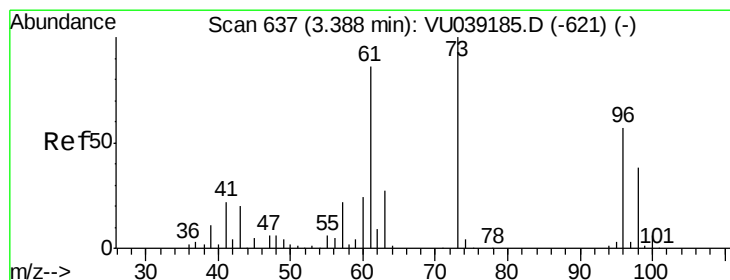
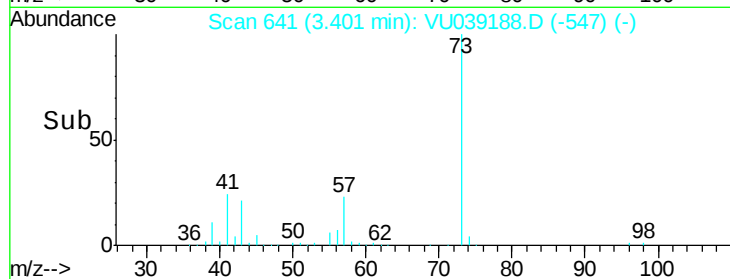
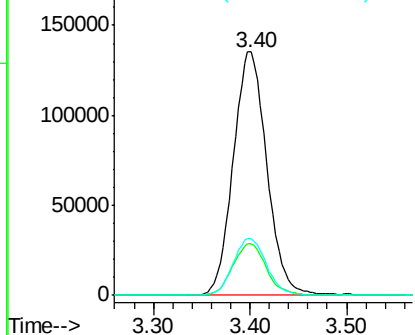
#17
Methvl tert-butvl Ether
Concen: 6.508 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Instrument :
MSVOA_U
ClientSampleId :
F9F01DL

Tot Ion: 73 Resp: 326244
Ion Ratio Lower Upper
73 100
43 21.1 17.4 26.0
57 23.3 17.9 26.9

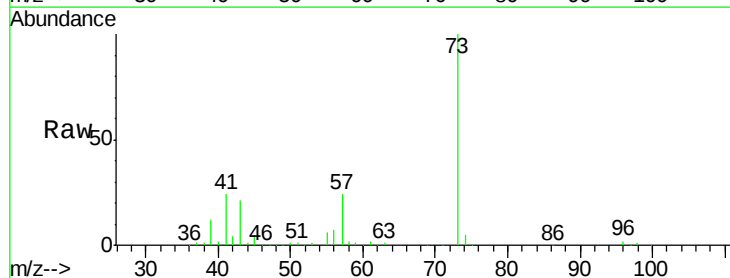


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

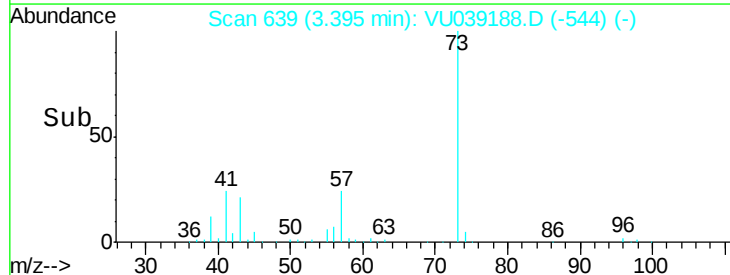
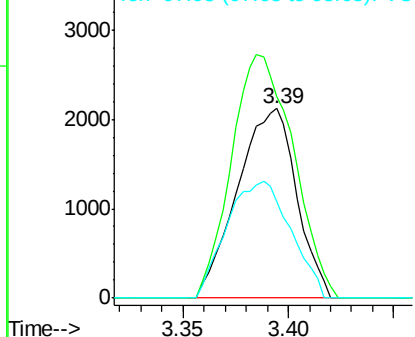


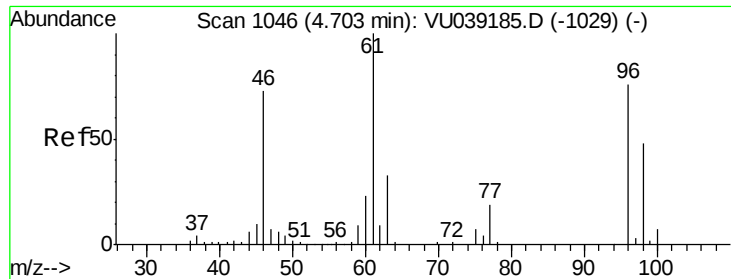
#18
trans-1,2-Dichloroethene
Concen: 0.209 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.01 min
Lab File: VU039188.D
Acq: 29 Jun 2020 14:05

Tgt Ion: 96 Resp: 4127
Ion Ratio Lower Upper
96 100
61 106.4 100.5 186.7
98 51.0 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 0.225 ug/L
 RT: 4.70 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: VU039188.D
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Tot Ion: 96 Resp: 4469
 Ion Ratio Lower Upper
 96 100
 61 142.5 96.3 178.9
 68 0.0 0.0 0.0

