

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081019\
 Data File : VU033736.D
 Acq On : 10 Aug 2019 23:36
 Operator : JC/SP
 Sample : K4289-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F2B42

Quant Time: Aug 11 04:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Aug 11 04:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	287422	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	136959	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	83109	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.67	69	67296	31.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.46%#
11) 1,1-Dichloroethene-d2	2.26	63	118035	33.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.36%
21) 2-Butanone-d5	4.15	46	88373	67.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.37%
24) Chloroform-d	4.62	84	112654	35.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.68%
26) 1,2-Dichloroethane-d4	5.29	65	69293	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.50%
32) Benzene-d6	5.32	84	234945	34.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.14%#
36) 1,2-Dichloropropane-d6	6.31	67	73159	35.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	70.16%
41) Toluene-d8	7.55	98	202625	31.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	7.83	79	29358	27.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.76%#
47) 2-Hexanone-d5	8.29	63	63380	58.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	58.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	101322	32.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	77999	33.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.68%#

Target Compounds

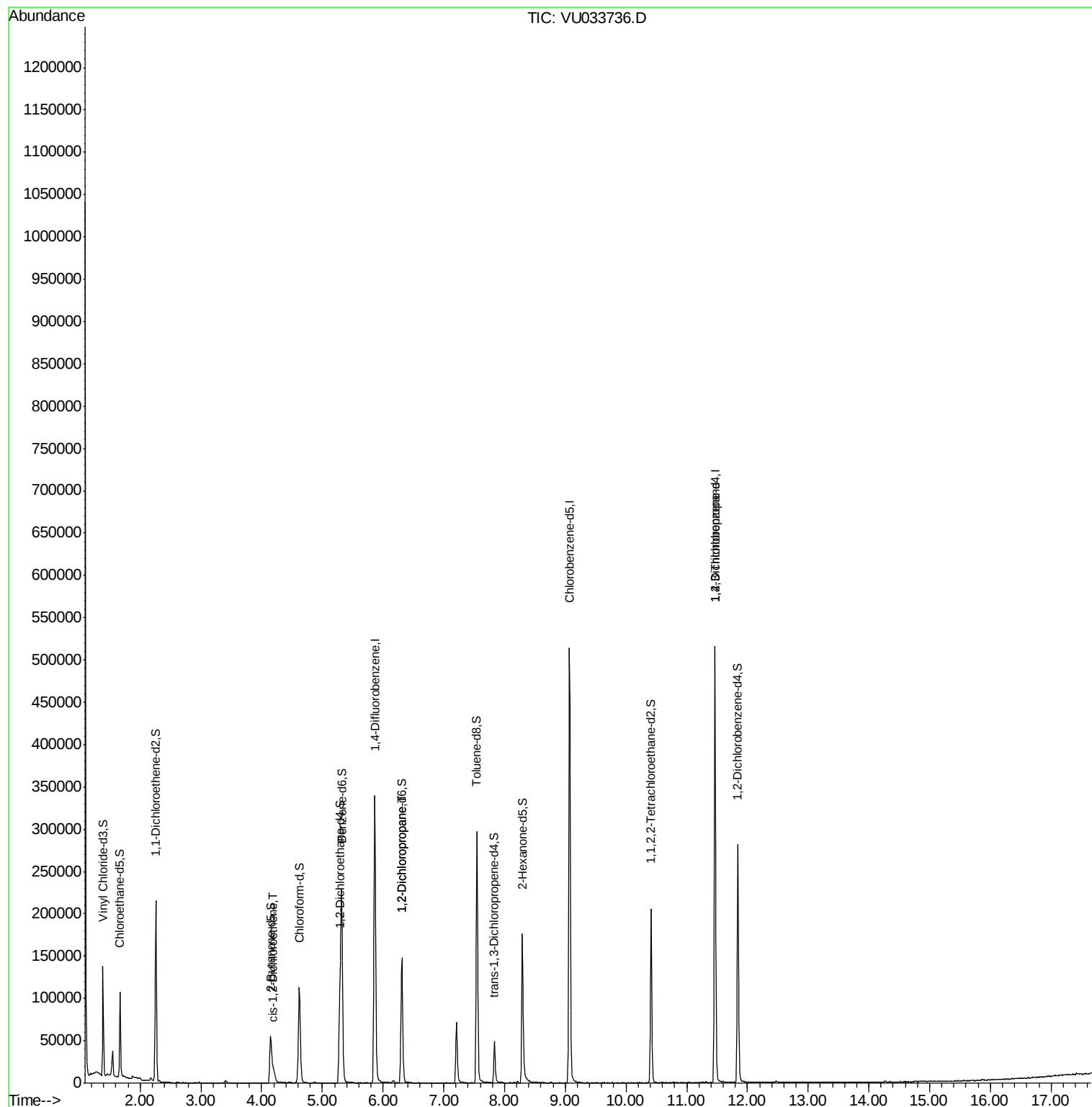
					Qvalue
20) cis-1,2-Dichloroethene	4.20	96	5816	2.815 ug/L	92
37) 1,2-Dichloropropane	6.31	63	7982	3.732 ug/L #	90
59) 1,2,3-Trichloropropane	11.47	75	16164	5.591 ug/L	95

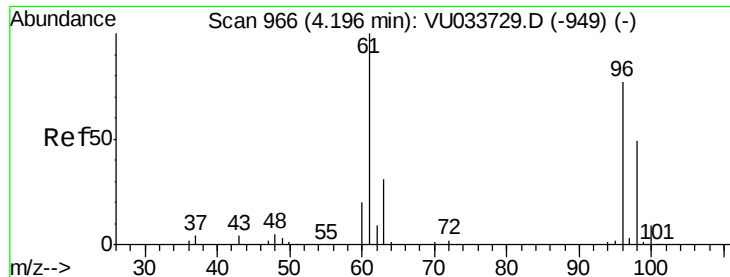
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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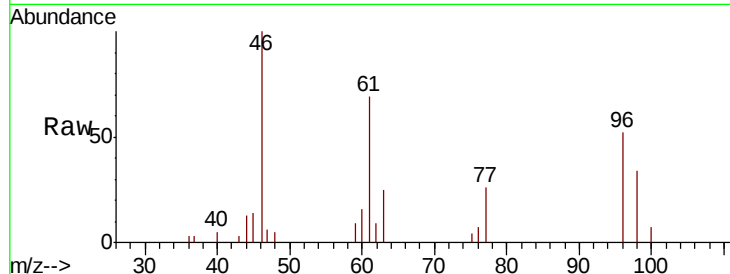




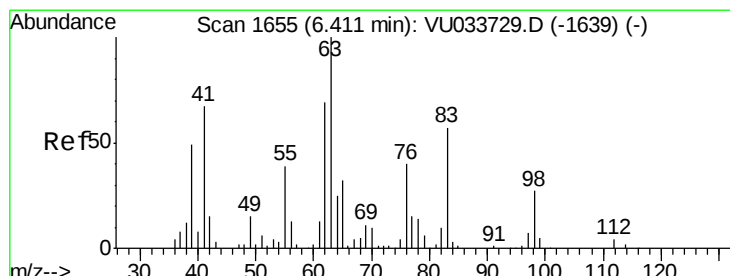
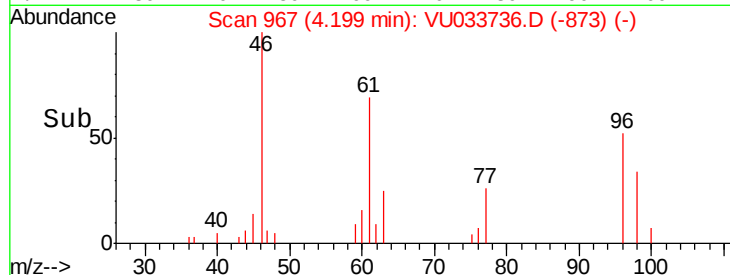
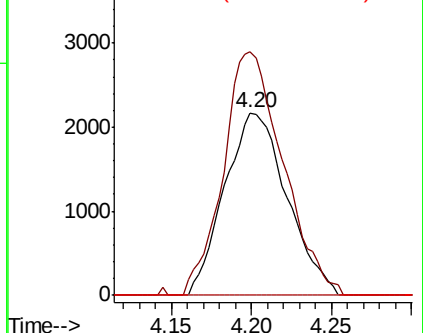
#20
 cis-1,2-Dichloroethene
 Concen: 2.815 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033736.D
 Acq: 10 Aug 2019 23:36

Instrument :
 MSVOA_U
 ClientSampled :
 F2B42

Tgt Ion: 96 Resp: 5816
 Ion Ratio Lower Upper
 96 100
 61 133.3 87.0 161.6
 68 0.0 0.0 0.0

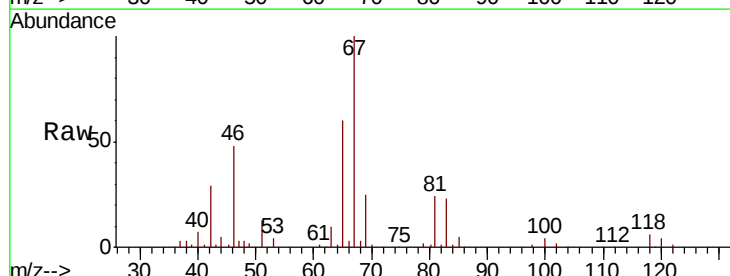


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

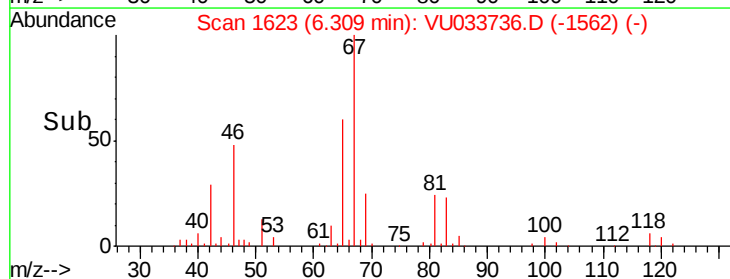
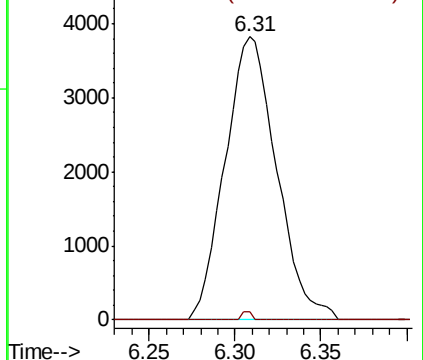


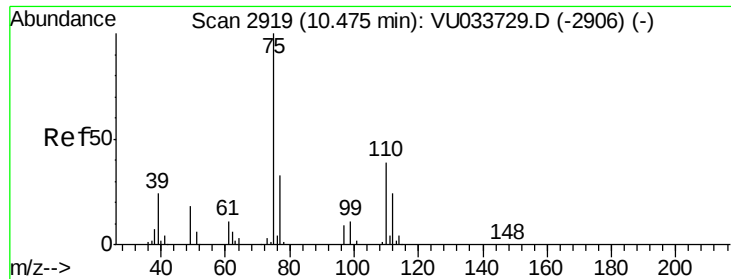
#37
 1,2-Dichloropropane
 Concen: 3.732 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033736.D
 Acq: 10 Aug 2019 23:36

Tgt Ion: 63 Resp: 7982
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#59

1,2,3-Trichloropropane

Concen: 5.591 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

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Tgt Ion: 75 Resp: 16164

Ion Ratio Lower Upper

75 100

77 36.1 26.4 39.6

