

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037243.D
 Acq On : 13 Mar 2020 15:42
 Operator : JC/MD
 Sample : L1891-05DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER5DL

Quant Time: Mar 14 00:56:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	129191	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	58751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43300	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.93	69	36129	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.59	63	60393	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.67	46	113311	52.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.44%
24) Chloroform-d	5.11	84	83039	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	50357	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.76	84	157115	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.73	67	49535	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.92	98	143314	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.20	79	20914	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.66	63	91850	54.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39853	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	52909	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

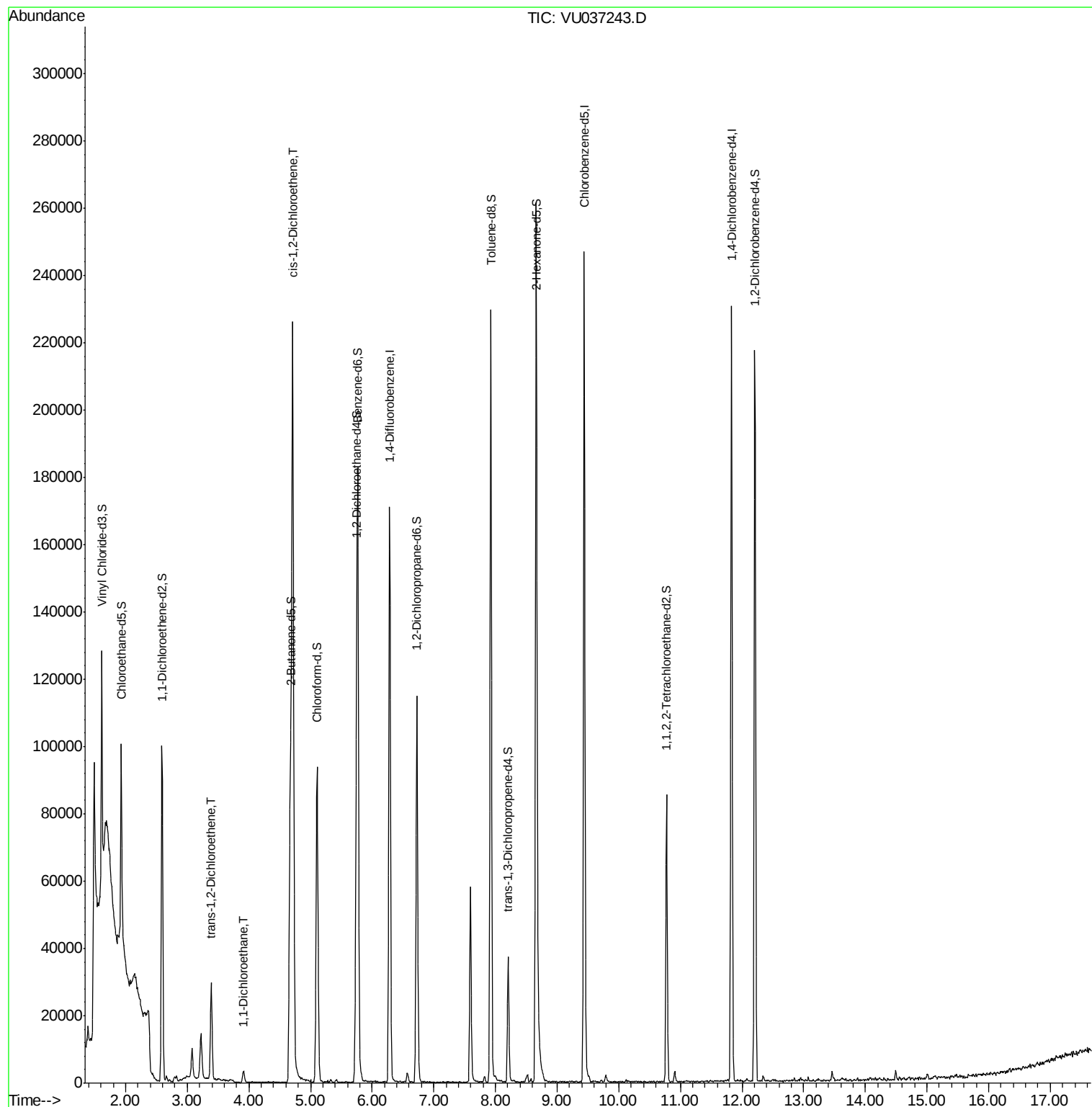
					Ovalue
18) trans-1,2-Dichloroethene	3.39	96	11040	1.238 ug/L	93
19) 1,1-Dichloroethane	3.91	63	3790	0.210 ug/L	90
22) cis-1,2-Dichloroethene	4.71	96	104614	10.662 ug/L	95

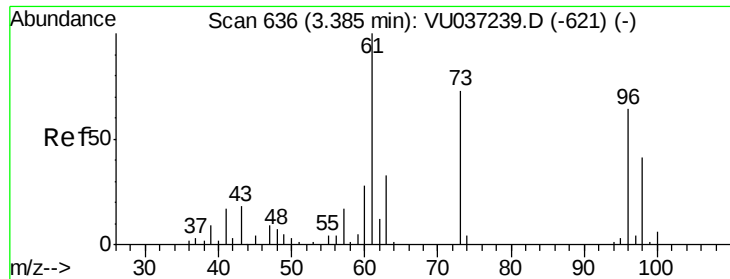
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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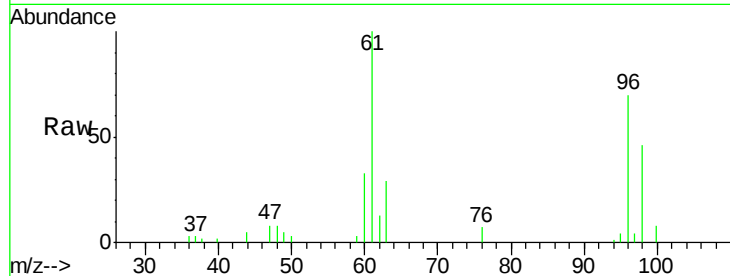




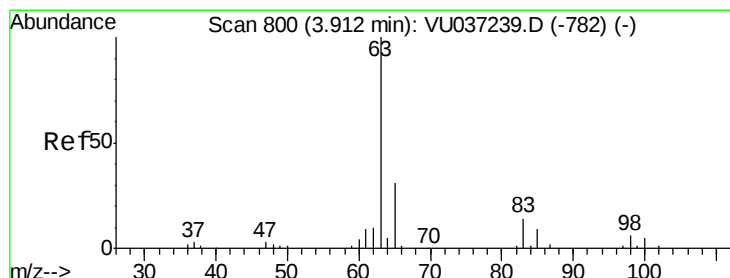
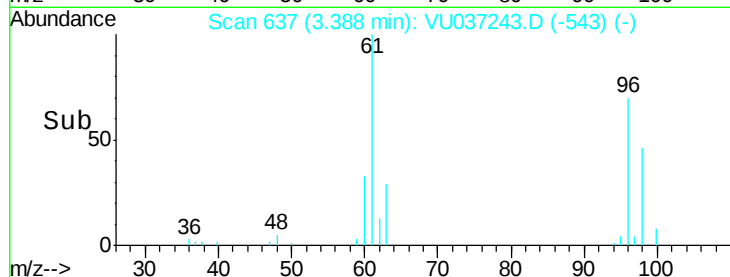
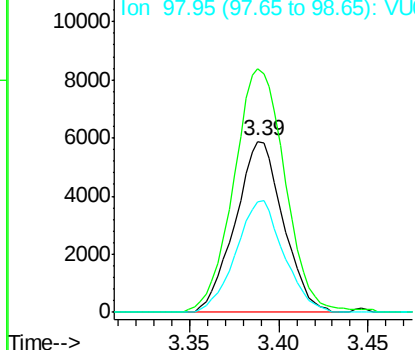
#18
trans-1,2-Dichloroethene
Concen: 1.238 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU037243.D
Acq: 13 Mar 2020 15:42

Instrument :
MSVOA_U
ClientSampleId :
DBER5DL

Tot Ion: 96 Resp: 11040
Ion Ratio Lower Upper
96 100
61 142.5 107.2 199.2
98 65.0 43.6 81.0

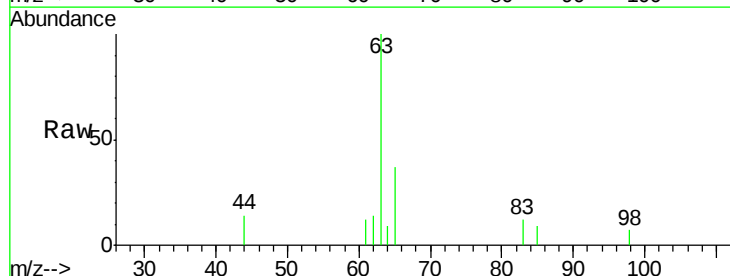


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

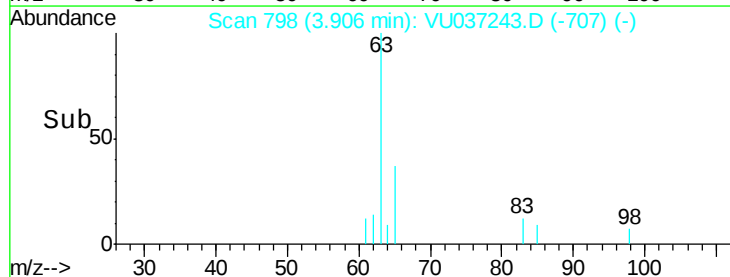
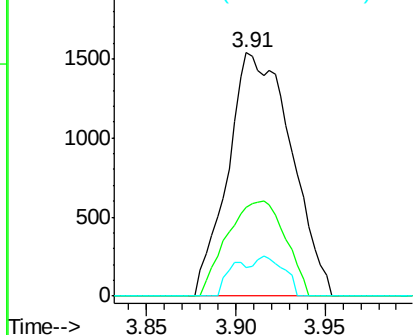


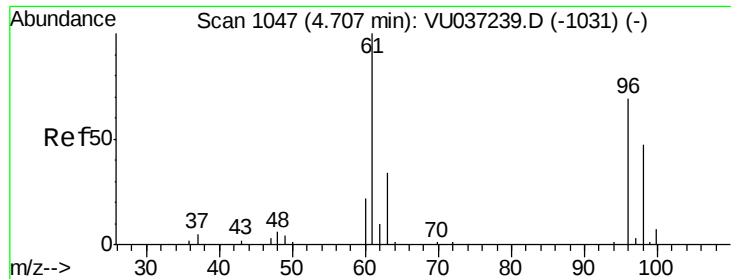
#19
1,1-Dichloroethane
Concen: 0.210 ug/L
RT: 3.91 min Scan# 798
Delta R.T. -0.01 min
Lab File: VU037243.D
Acq: 13 Mar 2020 15:42

Tgt Ion: 63 Resp: 3790
Ion Ratio Lower Upper
63 100
65 36.5 21.3 39.5
83 11.7 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 65.10 (64.80 to 65.80): VU0
Ion 83.05 (82.75 to 83.75): VU0

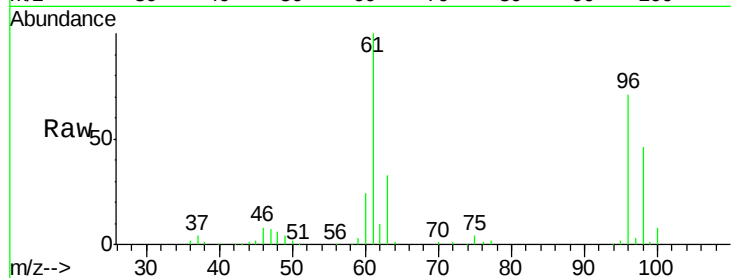




#22
 cis-1,2-Dichloroethene
 Concen: 10.662 ug/L
 RT: 4.71 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: VU037243.D
 Acq: 13 Mar 2020 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER5DL

Tot Ion: 96 Resp: 104614
 Ion Ratio Lower Upper
 96 100
 61 140.4 94.1 174.8
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

