

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\  
 Data File : VU037180.D  
 Acq On : 11 Mar 2020 20:49  
 Operator : JC/MD  
 Sample : L1891-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBER4

Quant Time: Mar 12 04:36:46 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031120WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Mar 12 01:55:55 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.37	114	101031	5.00	ug/L	0.08
28) Chlorobenzene-d5	9.46	117	110426	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.84	152	47840	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.70	65	28776	4.34	ug/L	0.09
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	2.02	69	20816	4.44	ug/L	0.09
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.69	63	46187	3.38	ug/L	0.10
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.85	46	64255	37.86	ug/L	0.16
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.72%
24) Chloroform-d	5.22	84	69257	5.10	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.85	65	38999	4.95	ug/L	0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.86	84	123293	4.54	ug/L	0.10
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.80	67	40269	4.59	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.96	98	104887	4.12	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.24	79	13729	3.88	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.69	63	45752	31.01	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33873	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	42681	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

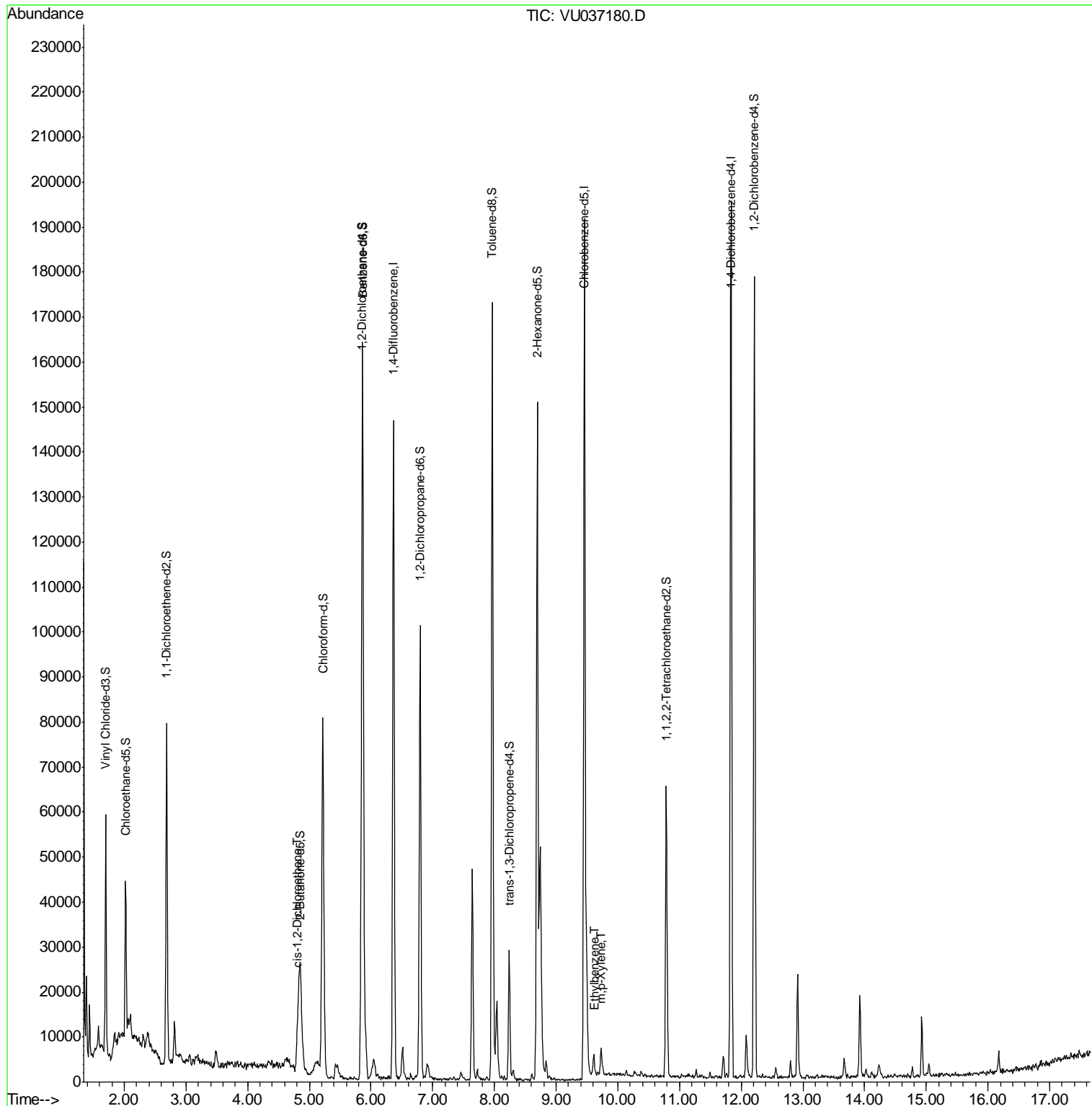
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
22) cis-1,2-Dichloroethene	4.80	96	2841	0.370	ug/L	95
52) Ethylbenzene	9.61	91	3611	0.093	ug/L #	79
53) m,p-Xylene	9.73	106	2205	0.158	ug/L	63

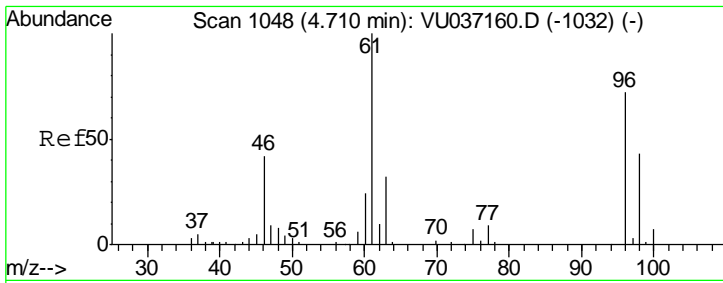
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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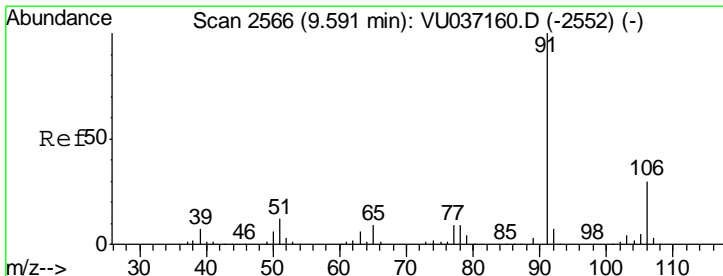
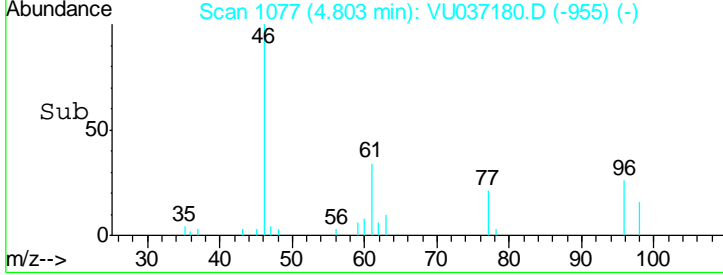
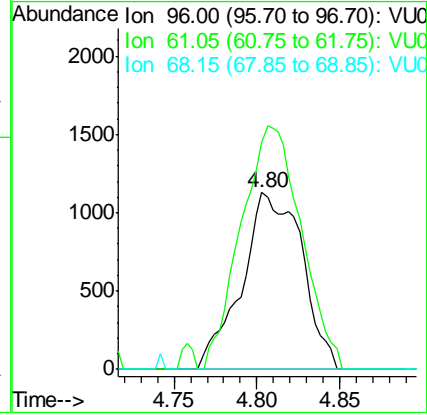
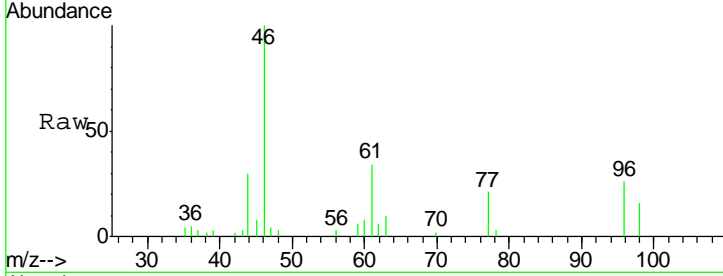




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.370 ug/L  
 RT: 4.80 min Scan# 1077  
 Delta R.T. 0.09 min  
 Lab File: VU037180.D  
 Acq: 11 Mar 2020 20:49

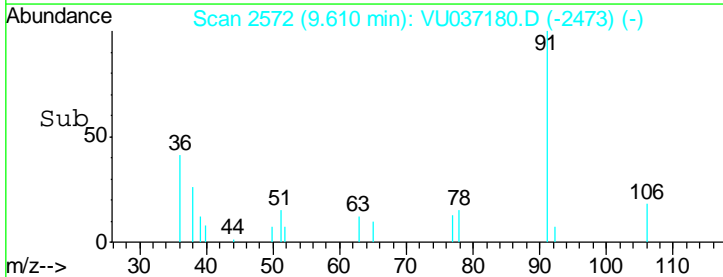
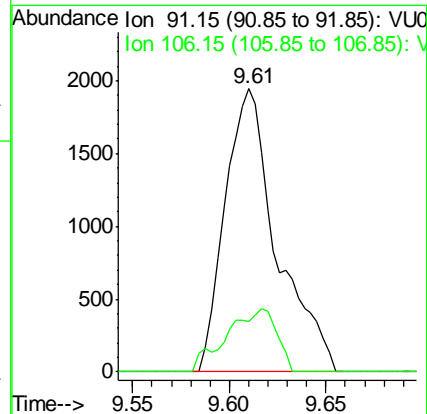
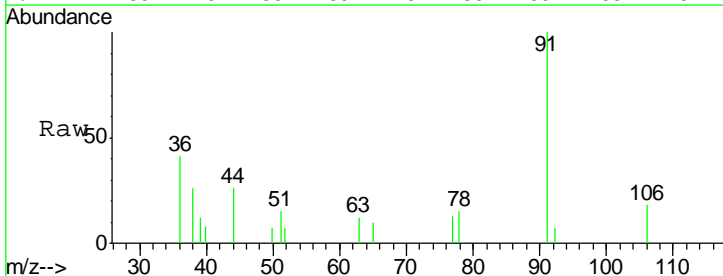
Instrument : MSVOA\_U  
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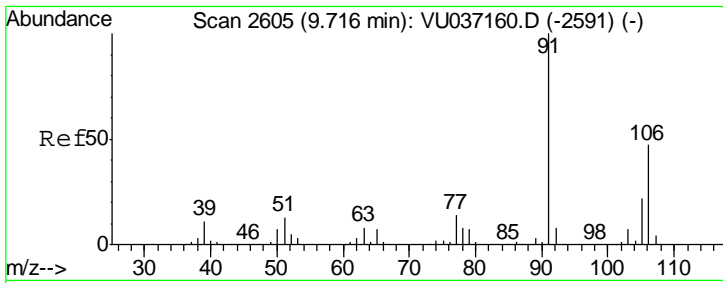
Tgt Ion	Resp	Lower	Upper
96	2841		
61	128.9	94.1	174.8
68	0.0	0.0	0.0



#52  
 Ethylbenzene  
 Concen: 0.093 ug/L  
 RT: 9.61 min Scan# 2572  
 Delta R.T. 0.02 min  
 Lab File: VU037180.D  
 Acq: 11 Mar 2020 20:49

Tgt Ion	Resp	Lower	Upper
91	3611		
106	17.9	20.4	37.8#





#53  
 m,p-Xylene  
 Concen: 0.158 ug/L  
 RT: 9.73 min Scan# 2609  
 Delta R.T. 0.01 min  
 Lab File: VU037180.D  
 Acq: 11 Mar 2020 20:49

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Tot Ion:106 Resp: 2205  
 Ion Ratio Lower Upper  
 106 100  
 91 156.1 150.4 279.4

