

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037181.D
 Acq On : 11 Mar 2020 21:14
 Operator : JC/MD
 Sample : L1891-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER5

Quant Time: Mar 12 04:40:33 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	6.35	114	84200	5.00	ug/L	0.07
28) Chlorobenzene-d5	9.46	117	82223	5.00	ug/L	0.02
60) 1,4-Dichlorobenzene-d4	11.83	152	50118	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	28584	5.17	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.98	69	18420	4.72	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.64	63	44414	3.90	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.80	46	30776	21.76	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.52%
24) Chloroform-d	5.16	84	61267	5.42	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.82	65	31376	4.78	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.84	84	112532	5.57	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.78	67	33543	5.13	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.96	98	90073	4.75	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.23	79	12035	4.56	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.69	63	27025	24.60	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	32440	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	12.21	152	44181	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

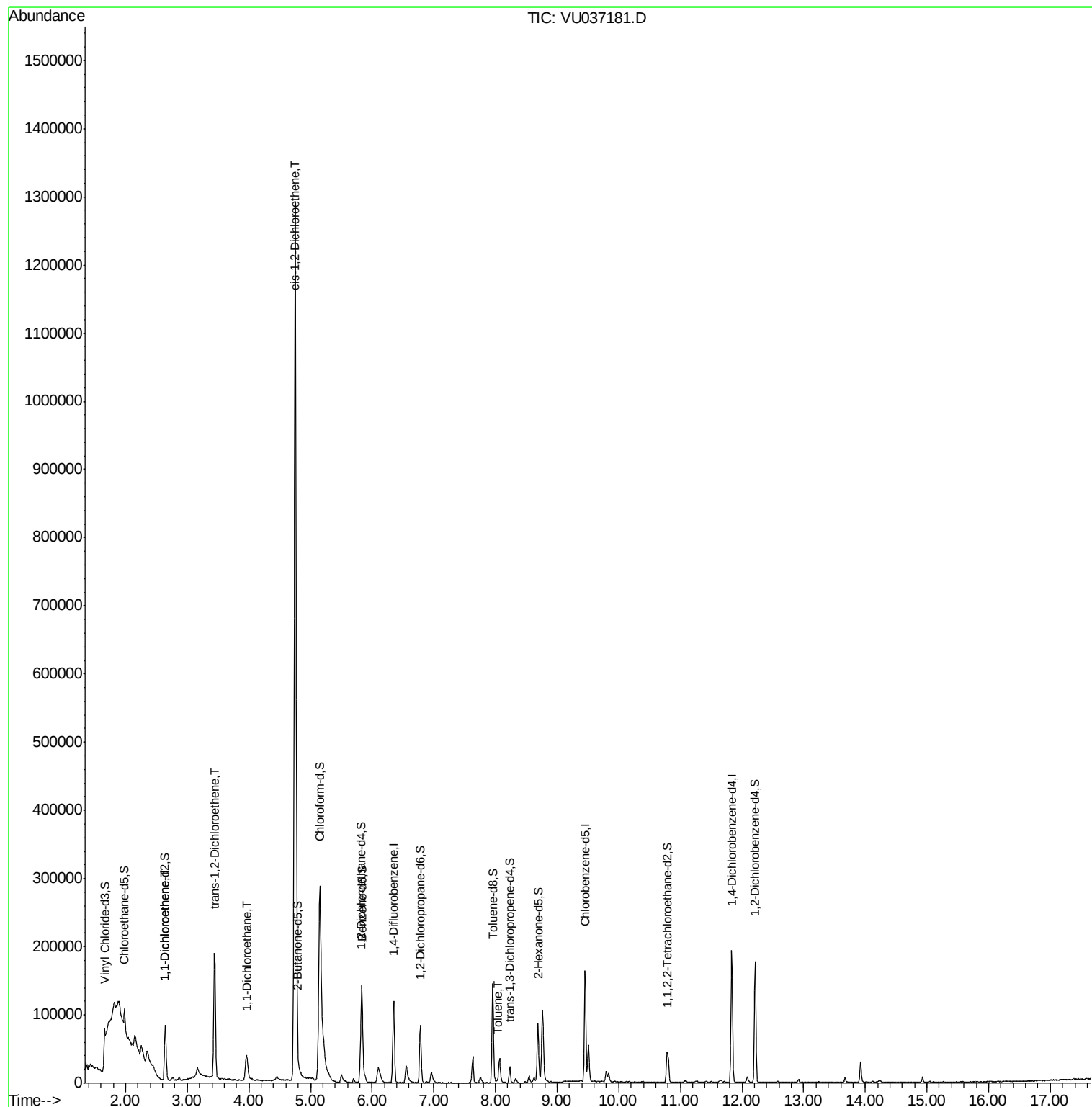
					Ovalue
12) 1,1-Dichloroethene	2.65	96	7396	1.346 ug/L	# 10
18) trans-1,2-Dichloroethene	3.44	96	61604	10.600 ug/L	92
19) 1,1-Dichloroethane	3.97	63	27605	2.347 ug/L	92
22) cis-1,2-Dichloroethene	4.75	96	529993	82.875 ug/L	79
42) Toluene	8.03	91	2561	0.098 ug/L	80

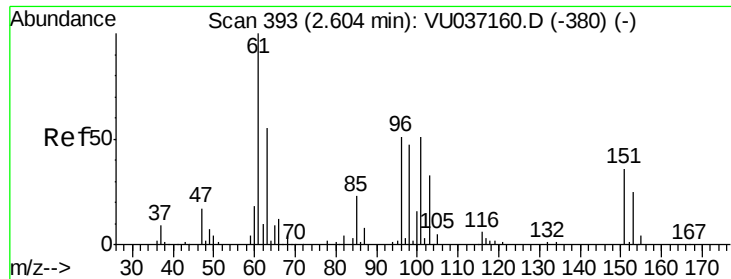
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.346 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.05 min

Lab File: VU037181.D

Acq: 11 Mar 2020 21:14

Instrument :

MSVOA_U

ClientSampled :

DBER5

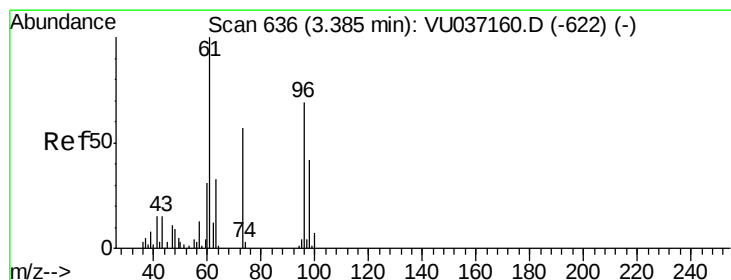
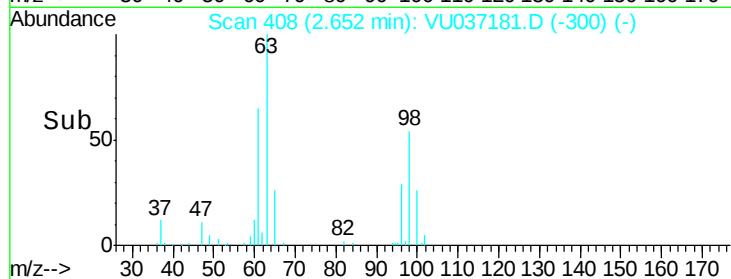
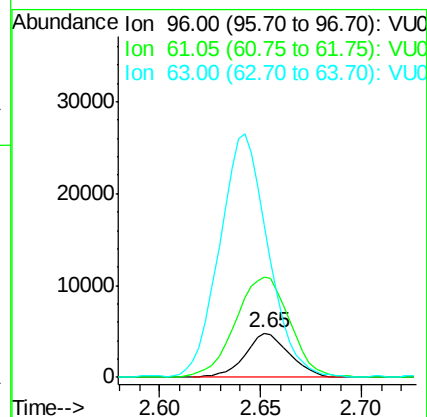
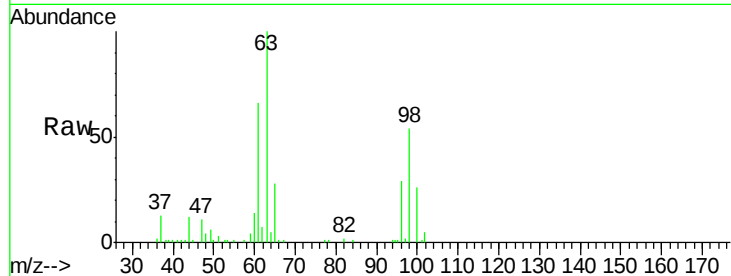
Tot Ion: 96 Resp: 7396

Ion Ratio Lower Upper

96 100

61 228.2 136.4 253.2

63 345.3 86.2 160.0#



#18

trans-1,2-Dichloroethene

Concen: 10.600 ug/L

RT: 3.44 min Scan# 654

Delta R.T. 0.06 min

Lab File: VU037181.D

Acq: 11 Mar 2020 21:14

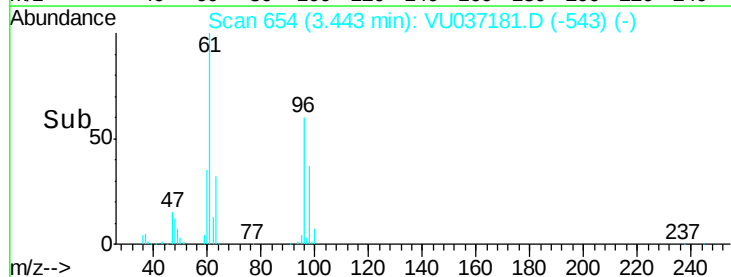
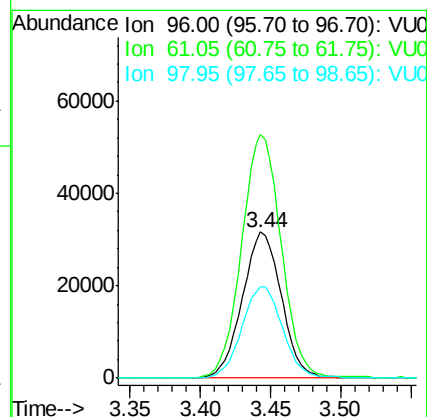
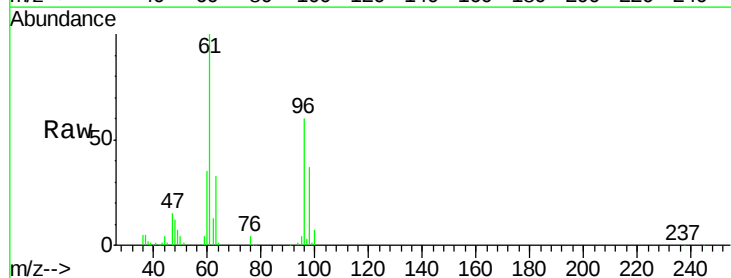
Tgt Ion: 96 Resp: 61604

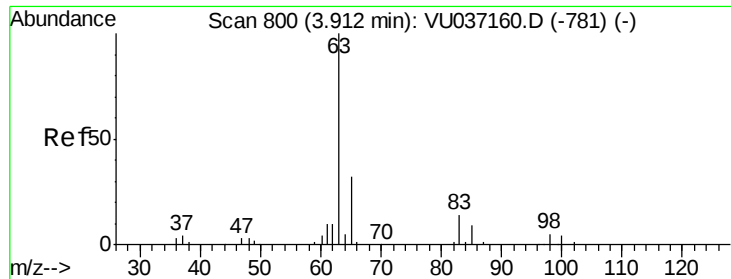
Ion Ratio Lower Upper

96 100

61 167.1 107.2 199.2

98 62.4 43.6 81.0

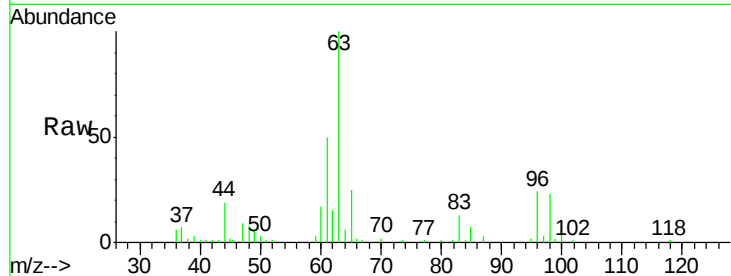




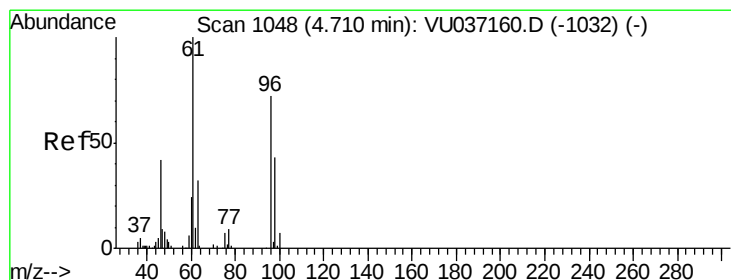
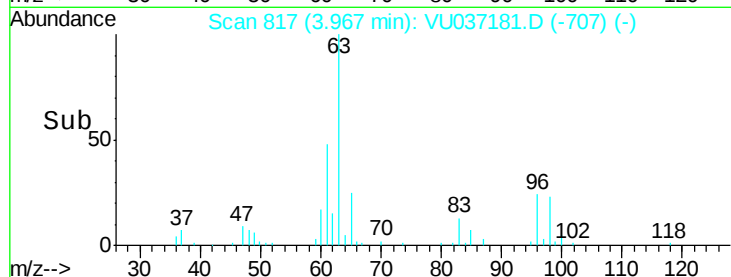
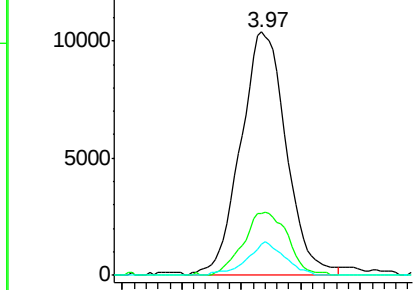
#19
 1,1-Dichloroethane
 Concen: 2.347 ug/L
 RT: 3.97 min Scan# 817
 Delta R.T. 0.05 min
 Lab File: VU037181.D
 Acq: 11 Mar 2020 21:14

Instrument :
 MSVOA_U
 ClientSampled :
 DBER5

Tot Ion	Ratio	Lower	Upper
63	100		
65	25.3	21.3	39.5
83	12.7	10.0	18.6

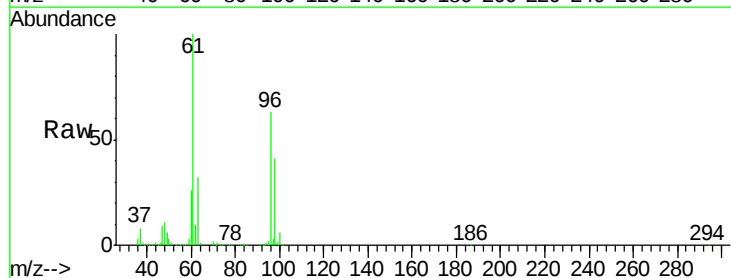


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

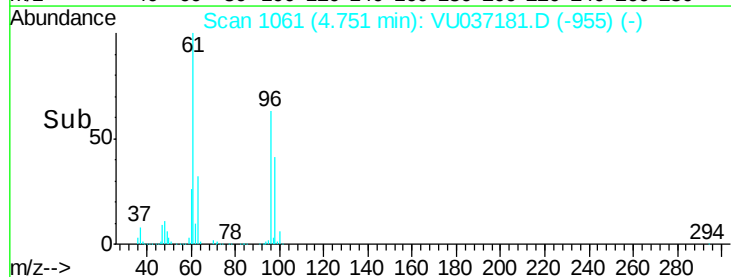
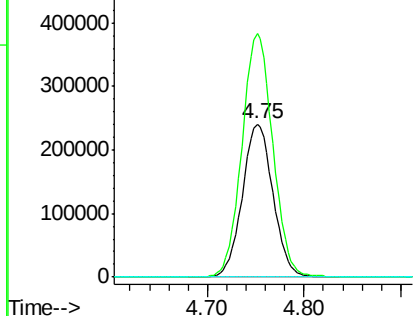


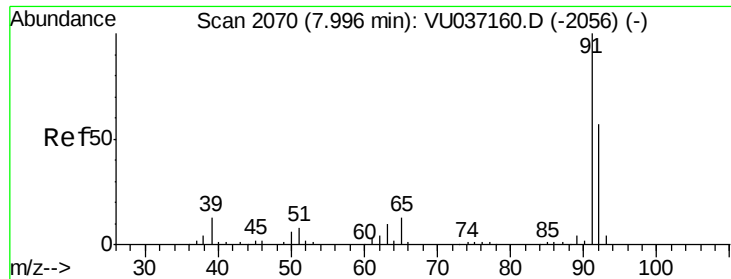
#22
 cis-1,2-Dichloroethene
 Concen: 82.875 ug/L
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.04 min
 Lab File: VU037181.D
 Acq: 11 Mar 2020 21:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.2	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





#42

Toluene

Concen: 0.098 ug/L

RT: 8.03 min Scan# 2080

Delta R.T. 0.03 min

Lab File: VU037181.D

Acq: 11 Mar 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

DBER5

Tot Ion: 91 Resp: 2561

Ion Ratio Lower Upper

91 100

92 43.5 41.0 76.2

