

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040812.D
 Acq On : 19 Oct 2020 18:23
 Operator : SY/MD
 Sample : L4354-06DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ16DL

Quant Time: Oct 20 04:37:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113446	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50097	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29239	3.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	1.92	69	30145	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.58	63	47952	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.66	46	178822	59.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.90%
24) Chloroform-d	5.08	84	79461	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.72	65	50315	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.74	84	133254	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.70	67	48177	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	97972	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	8.19	79	18627	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	117389	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49327	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	46499	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

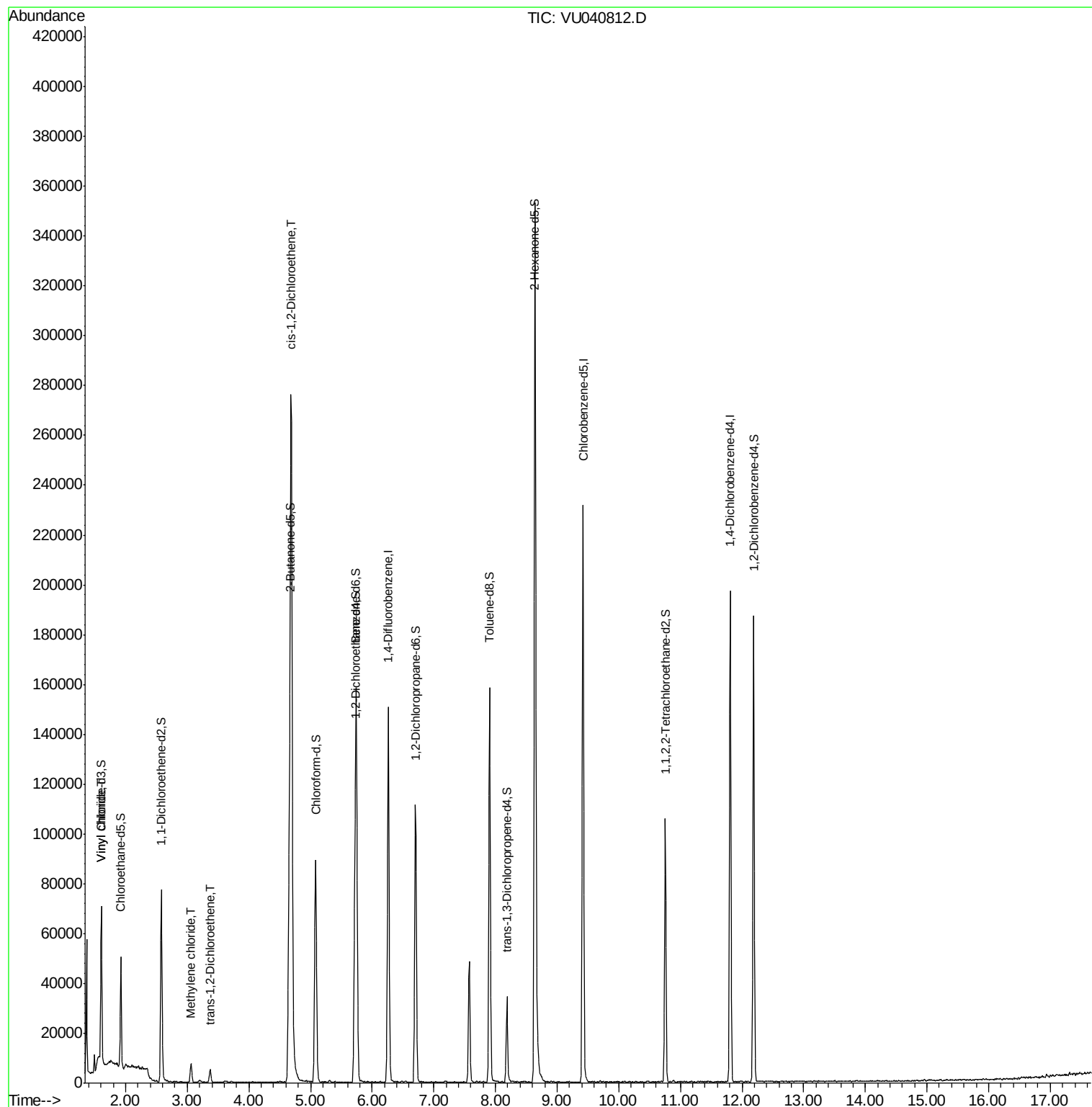
					Ovalue
5) Vinyl chloride	1.61	62	9712	0.959 ug/L	# 31
16) Methylene chloride	3.06	84	3357	0.323 ug/L	85
18) trans-1,2-Dichloroethene	3.37	96	2123	0.251 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	116102	12.706 ug/L	96

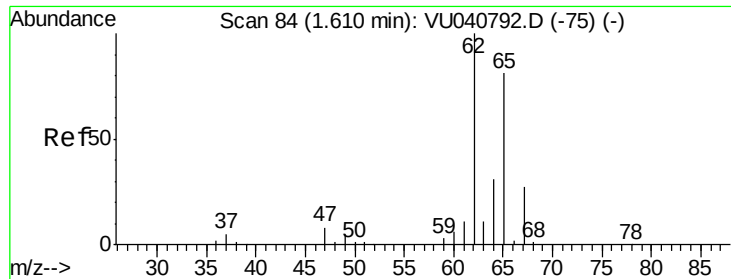
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.959 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040812.D

Acq: 19 Oct 2020 18:23

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MSVOA_U

ClientSampleID :

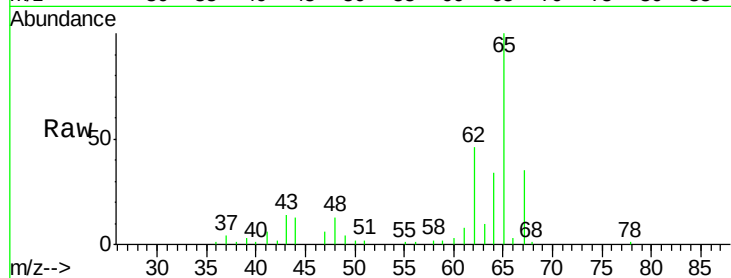
ETZ16DL

Tot Ion: 62 Resp: 9712

Ion Ratio Lower Upper

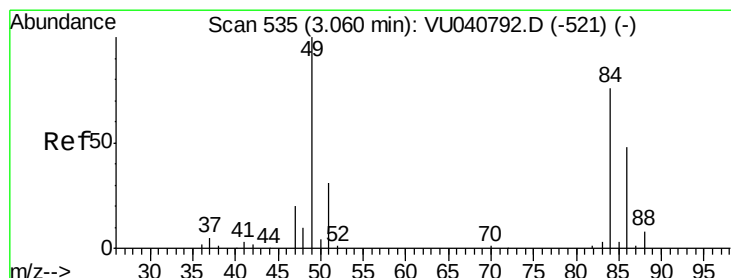
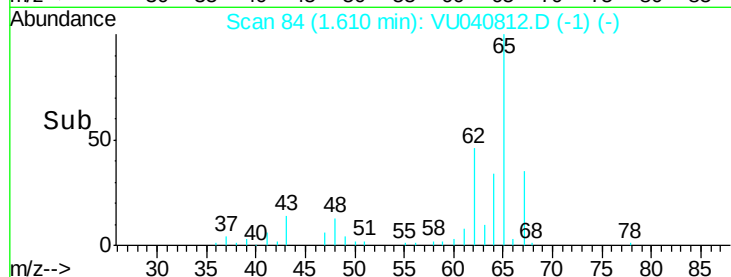
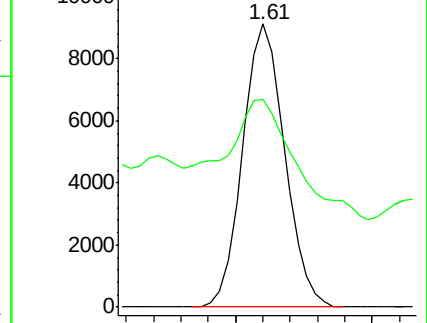
62 100

64 73.4 23.7 44.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#16

Methylene chloride

Concen: 0.323 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040812.D

Acq: 19 Oct 2020 18:23

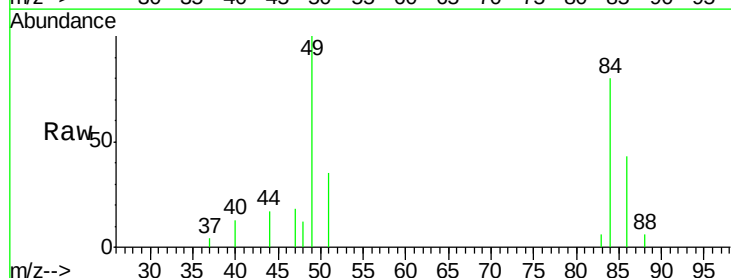
Tgt Ion: 84 Resp: 3357

Ion Ratio Lower Upper

84 100

86 53.3 45.4 84.4

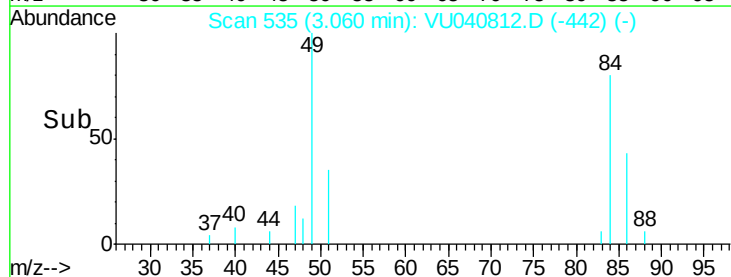
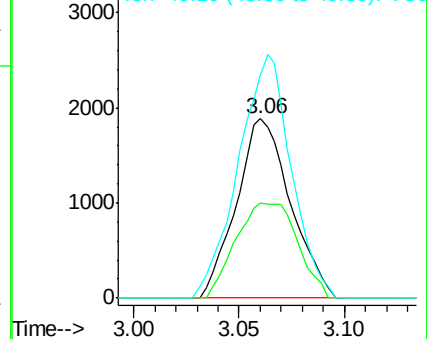
49 124.4 99.8 185.3

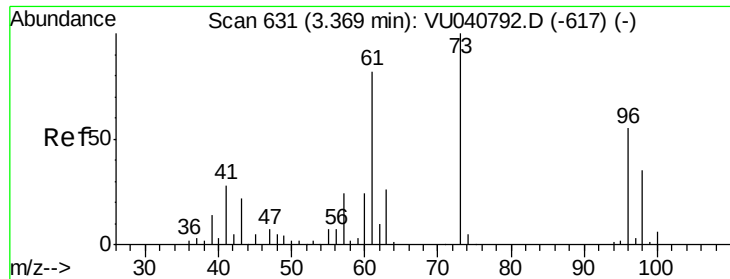


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

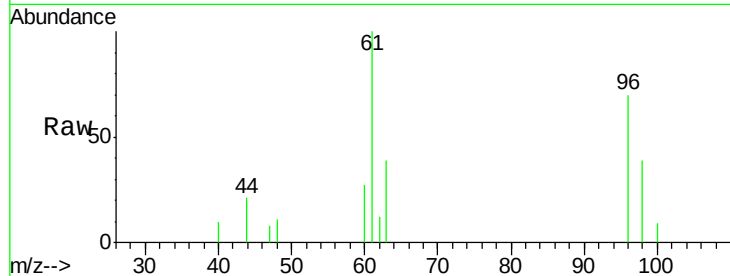




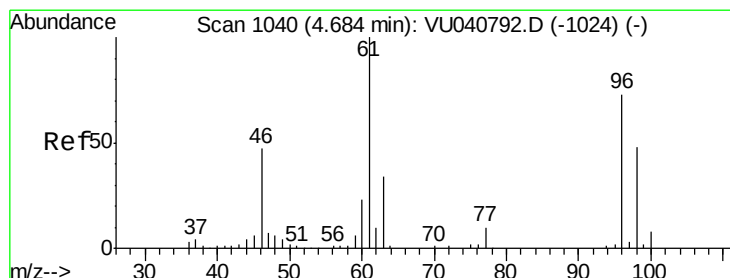
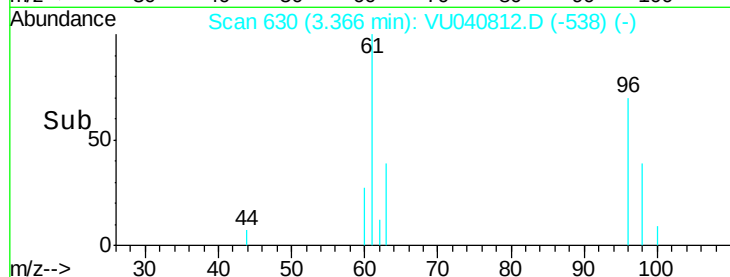
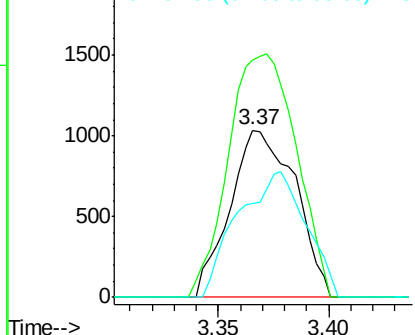
#18
 trans-1,2-Dichloroethene
 Concen: 0.251 ug/L
 RT: 3.37 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: VU040812.D
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Tot Ion: 96 Resp: 2123
 Ion Ratio Lower Upper
 96 100
 61 142.2 105.9 196.7
 98 55.9 43.8 81.3

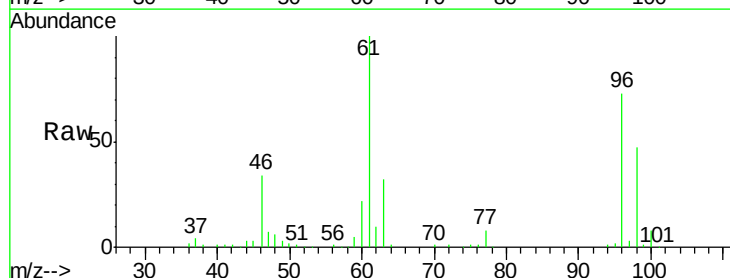


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 97.95 (97.65 to 98.65): VU0



#22
 cis-1,2-Dichloroethene
 Concen: 12.706 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040812.D
 Acq: 19 Oct 2020 18:23

Tgt Ion: 96 Resp: 116102
 Ion Ratio Lower Upper
 96 100
 61 137.5 99.8 185.4
 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

