

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040810.D
 Acq On : 19 Oct 2020 17:36
 Operator : SY/MD
 Sample : L4354-22DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ42DL

Quant Time: Oct 20 03:42:55 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	119274	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46758	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.92	69	39610	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.58	63	69879	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	4.66	46	166645	52.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	5.08	84	89574	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.72	65	54235	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	165221	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.70	67	55349	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.91	98	130591	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.19	79	21319	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.64	63	116501	47.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49300	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	53684	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

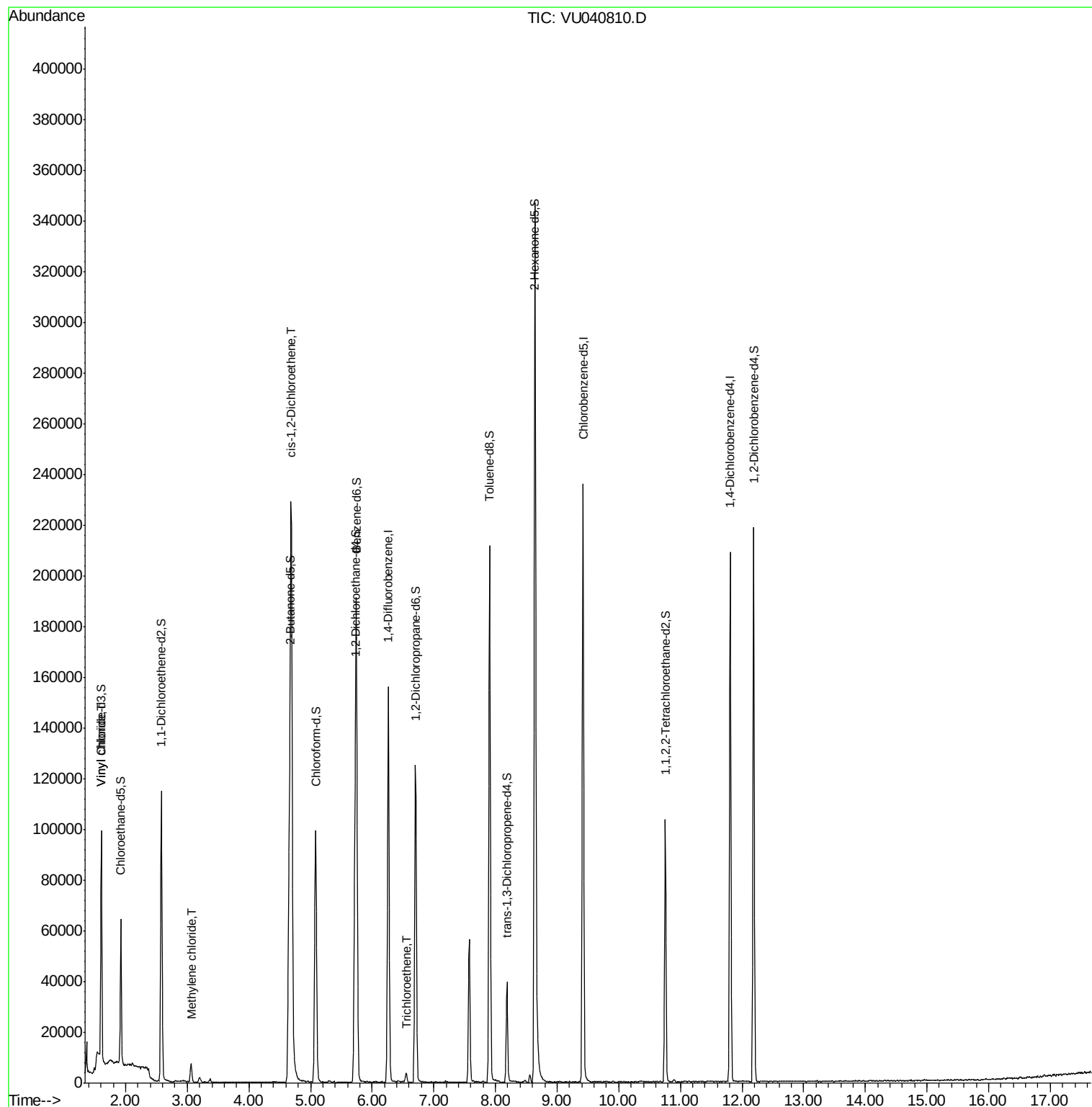
					Ovalue
5) Vinyl chloride	1.61	62	15961	1.500 ug/L	# 51
16) Methylene chloride	3.06	84	3061	0.280 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	94981	9.887 ug/L	95
34) Trichloroethene	6.55	95	1089	0.104 ug/L	88

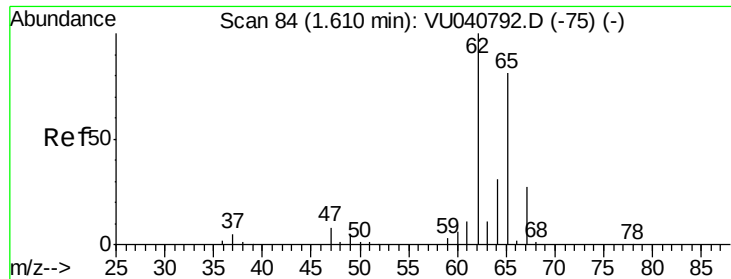
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.500 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040810.D

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Instrument :

MSVOA_U

ClientSampleId :

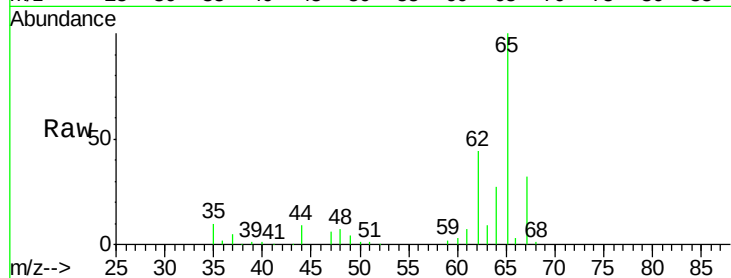
ETZ42DL

Tot Ion: 62 Resp: 15961

Ion Ratio Lower Upper

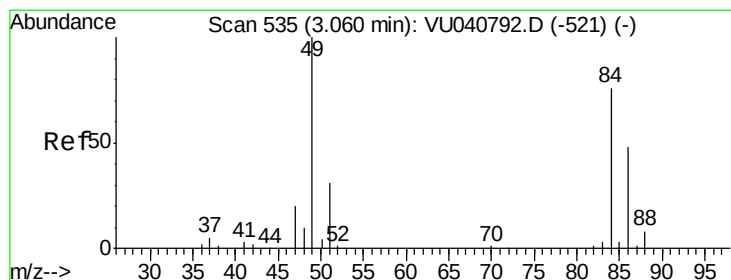
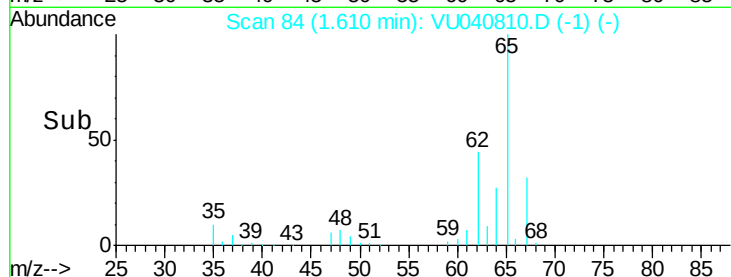
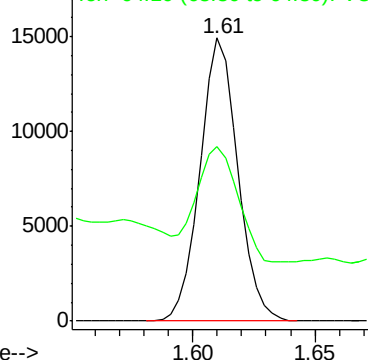
62 100

64 61.7 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: 0.280 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

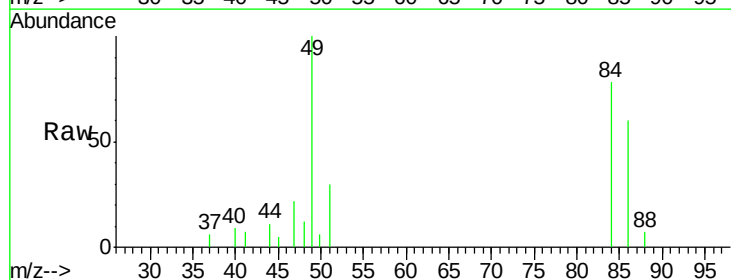
Tgt Ion: 84 Resp: 3061

Ion Ratio Lower Upper

84 100

86 77.7 45.4 84.4

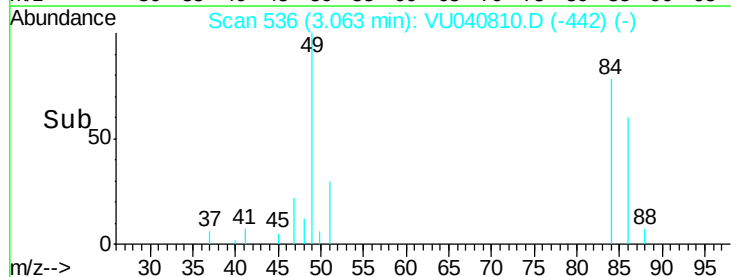
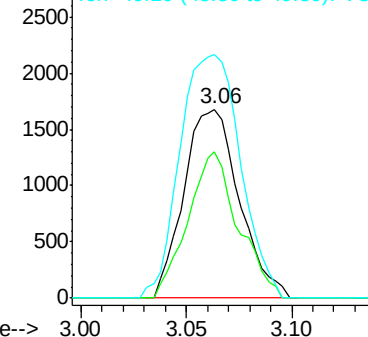
49 128.9 99.8 185.3

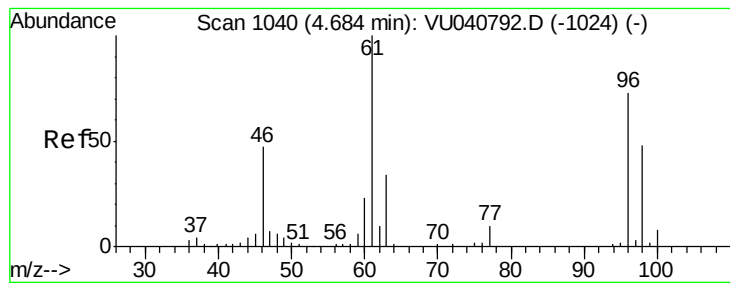


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 9.887 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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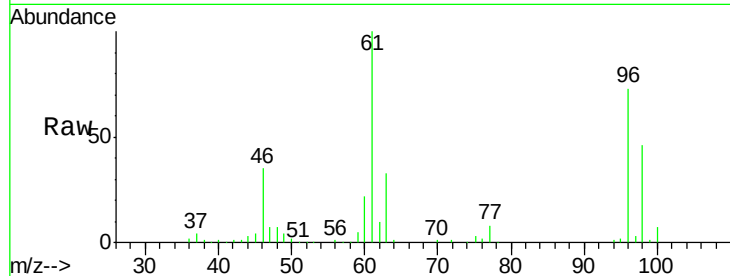
Tot Ion: 96 Resp: 94981

Ion Ratio Lower Upper

96 100

61 136.9 99.8 185.4

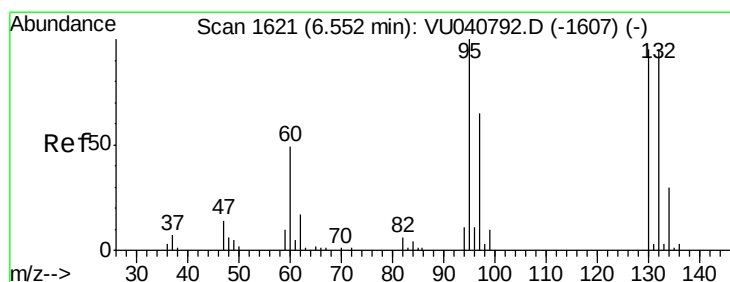
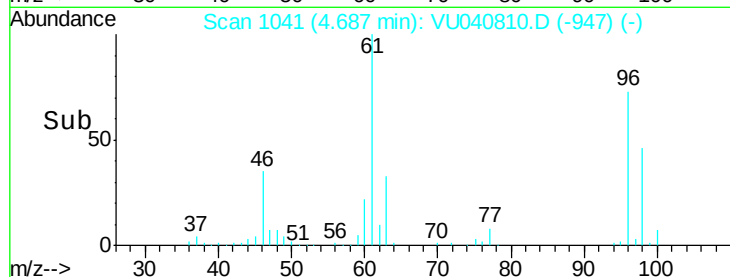
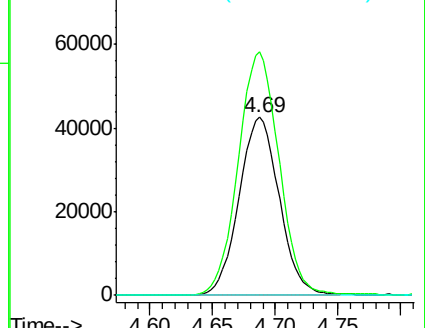
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040810.D (-1528) (-)

Ion 61.05 (60.75 to 61.75): VU040810.D (-1528) (-)

Ion 68.15 (67.85 to 68.85): VU040810.D (-1528) (-)



#34

Trichloroethene

Concen: 0.104 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040810.D

Acq: 19 Oct 2020 17:36

Tgt Ion: 95 Resp: 1089

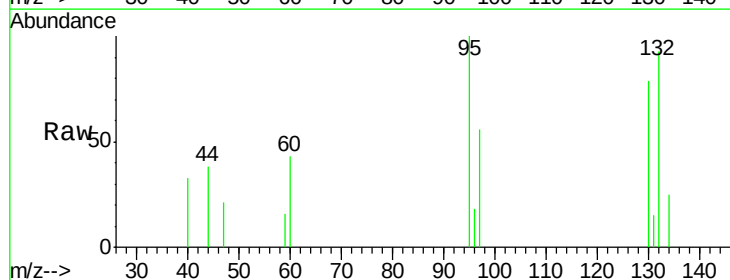
Ion Ratio Lower Upper

95 100

97 56.1 45.5 84.5

132 93.5 67.5 125.4

130 78.5 69.9 129.9



Abundance Ion 95.00 (94.70 to 95.70): VU040810.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU040810.D (-1528) (-)

Ion 131.95 (131.65 to 132.65): VU040810.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU040810.D (-1528) (-)

